

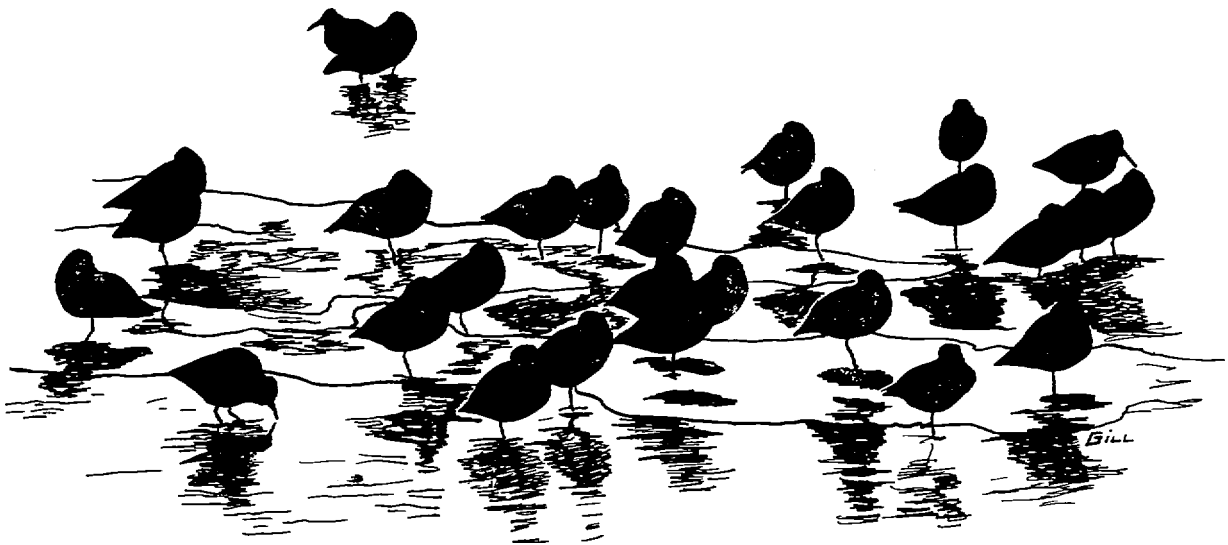
Biological Services Program

Bu-339

FWS/OBS-81/12

August 1981

An Annotated
Bibliography of Literature
on
Alaska Water Birds



Fish and Wildlife Service

U.S. Department of the Interior

The Biological Services Program was established within the U.S. Fish and Wildlife Service to supply scientific information and methodologies on key environmental issues that impact fish and wildlife resources and their supporting ecosystems. The mission of the program is as follows:

- To strengthen the Fish and Wildlife Service in its role as a primary source of information on national fish and wildlife resources, particularly in respect to environmental impact assessment.
- To gather, analyze, and present information that will aid **decisionmakers** in the identification and resolution of problems associated with major changes in land and water use.
- To provide better ecological information and evaluation for Department of the Interior development programs, such as those relating to energy development.

Information developed by the Biological Services Program is intended for use in the planning and **decisionmaking** process to prevent or minimize the impact of development on fish and wildlife. Research activities and technical assistance services are based on an analysis of the issues, a determination of the **decisionmakers** involved and their information needs, and an evaluation of the state of the art to identify information gaps and to determine priorities. This is a strategy that will ensure that the products produced and disseminated are timely and useful.

Projects have been initiated in the following areas: coal extraction and conversion; power plants; geothermal, mineral and oil shale development; water resource analysis, including stream alterations and western water allocation; coastal ecosystems and Outer Continental Shelf development; and systems inventory, including National Wetland Inventory, habitat classification and analysis, and information transfer.

The Biological Services Program consists of the Office of Biological Services in Washington, D.C., which is responsible for overall planning and management; National Teams, which provide the Program's central scientific and technical expertise and arrange for contracting biological services studies with states, universities, consulting firms, and others; Regional Staffs, who provide a link to problems at the operating level; and staffs at certain Fish and Wildlife Service research facilities, who conduct in-house research studies.

FWS/OBS-81/12
August 1981

AN ANNOTATED BIBLIOGRAPHY OF LITERATURE ON
ALASKA WATER BIRDS

by

Colleen M. Handel
Margaret R. Petersen
Robert E. Gill, Jr.
Calvin J. Lensink

Biological Services Program - Coastal Ecosystems
U. S. Fish and Wildlife Service
1011 E. Tudor Rd.
Anchorage, Alaska 99503



This study was conducted in cooperation with the Bureau of Land Management and National Oceanic and Atmospheric Administration.

Published by

Coastal Ecosystems Project
Office of Biological Services
Fish and Wildlife Service
U.S. Department of Interior
Washington, D.C. 20240

This bibliography may be cited as follows:

Handel, C.M., M.R. Petersen, R.E. Gill, Jr., and C.J. Lensink. 1981. An Annotated Bibliography of Literature on Alaska Water Birds. U.S. Department of Interior, Fish and Wildlife Service, Biological Services Program, Washington, D.C. FWS/OBS-81/12. 515 pp.

The authors would appreciate learning of any pertinent references, particularly unpublished materials, which they have inadvertently failed to include in this volume. Any information or questions pertaining to the content of this bibliography should be addressed to:

Marine Bird Section
U.S. Fish and Wildlife Service
1011 E. Tudor Road
Anchorage, Alaska 99503

CONTENTS

ACKNOWLEDGMENTS i v

INTRODUCTION 1

REVIEW OF ORNITHOLOGY IN ALASKA. 9

BI B L I O G R A P H I E S

 Seabirds

 Citations 13

 Index : 163

 Waterfowl

 Citations 171

 Index : 285

 Shorebirds

 Citations 291

 Index : 362

 Avifauna

 Citations 367

 Index 512

ACKNOWLEDGMENTS

We thank Martha Shepard, Cathy Vitale, and Nary Ferber of the U.S. Department of Interior, Alaska Resources Library, Anchorage, and Janet Ballard, U.S. Fish and Wildlife Service Library, Anchorage, for their help in obtaining many of the lesser known or hard to obtain references. Nancy Harrison (NMH), Jan Greulich (JLG), Patrick Gould (PJG), and Gerald Sanger (GAS) helped by summarizing references; James Lewis and Cherry Keller edited the final draft of the bibliography. Karleen Boskofsky and Marva Stevens are especially thanked for typing the manuscript. Amy Zabloudil kindly provided several of the illustrations. This bibliography was initiated with funding provided by the Bureau of Land Management through interagency agreement with the National Oceanic and Atmospheric Administration, and managed by the Outer Continental Shelf Environmental Assessment Program. Additional funding for its completion was provided by the Office of Biological Services and Migratory Bird Programs of the Fish and Wildlife Service.

INTRODUCTION

The demand for information on birds in Alaska has surged within the past few years, primarily because of the need to adequately assess the impacts of a wide range of planned developments. The accompanying increase in studies of avian populations has resulted in a growing need for a comprehensive bibliography of Alaska ornithology. An initial effort by Bartonek and Lensink (1978) provided a list of published and unpublished references on marine birds, but this list was only marginally useful because it lacked adequate indexing and annotation of references cited. Their bibliography, however, plus those of Cade (1953) and Gabrielson and Lincoln (1959), provided the basis and primary reference sources for our work.

In the present bibliography we have attempted to compile all substantive references addressing water birds in Alaska because this group of birds appears to be most vulnerable to repercussions of development, particularly along the coast. However, the works cited make up an estimated 70-80% of all literature on birds in Alaska, and this volume thus provides an initial source of references on terrestrial birds. This bibliography, which contains 1554 citations, is current for most journal sources through 1979 and most of 1980. The content of each paper has been summarized, and we have indexed the citations by subject, species, and geographic location to make the bibliography a more useful reference. Furthermore, the bibliography has been designed to facilitate future inclusion of references that have been omitted or that will be published in the rapidly growing body of literature on Alaska birds.

CONTENTS

The bibliography includes both published and unpublished materials. Inclusion of the latter was considered essential because they represent a large part of information available on Alaska birds and are the primary source of data for many areas. Although we have attempted to include most published references, our search of non-technical publications has been cursory, and references to popular publications have been omitted unless they contributed information not available from technical sources.

For references published before 1976, we used electronic data reference systems, including the Fish and Wildlife Service Reference Service (Denver Public Library), BIOSIS, NTIS, Ocean Abstracts, and Dissertation Abstracts, to assist in our bibliographic search. However, we found visual searches of key references and periodicals more productive for both number of citations and thoroughness of search. For references published after 1976, we relied entirely on visual search of common journals and hard copy bibliographic sources. These included, but were not limited to: Arctic,

Auk, Canadian Field-Naturalist, Condor, Ecology, Ecological Monographs, Ibis, Journal of Field Ornithology (formerly Bird-Banding), Journal of Wildlife Management, Murrelet, Pacific Seabird Group Bulletin, Wader Study Group Bulletin, Western Birds, Wildlife Review, and Wilson Bulletin. American Birds was also reviewed, but only for major articles. Much valuable information in the form of seasonal observations on numbers, distribution, and identification is also included in American Birds, and any effort to study a species or regional avifauna should include a thorough review of this publication.

In choosing references for this bibliography, we have been selective and have omitted general references or papers which include information on Alaska only as part of a larger area or topic, e.g., a book on North American birds and many taxonomic references. However, we have included such references when the reviewer considered them of particular importance to Alaska ornithology. The focus of this bibliography is on reports of field studies conducted in Alaska or other papers dealing specifically with Alaska ornithology.

We have also omitted most Environmental Statements in our list of references although many of them contain excellent discussions or checklists of regional avifaunas. Ornithologists interested in specific areas or regions of the State should be aware of this important source of information; however, such accounts are nearly always based on primary sources we have included.

We have been most selective in our treatment of unpublished materials. We generally attempted to include all unpublished materials that contain substantive information not included in formal publications.

The progression of reports emanating from government agencies frequently includes field or quarterly reports, annual reports, and final reports. In such progressions, information in quarterly reports may be almost totally redundant of that in annual reports, and information in annual reports redundant of that in final reports. However, at times, useful data are lost with more extensive editing, and field reports often contain information of significant value not summarized elsewhere. In situations in which redundancy was obvious, we have cited only the most significant reports, usually the annual or final reports. For other agency reports which form a continuing series, e.g., Annual Reports of National Wildlife Refuges, we have usually cited only the series rather than the contents of individual reports to avoid unnecessary redundancy. However, contents of unusual significance were cited separately. Among such series, quarterly and annual reports for Federal Aid in Wildlife Restoration issued through 1959 by the U.S. Fish and Wildlife Service, and subsequently by the Alaska Department of Fish and Game, are among the most important because they discuss all work conducted under this major program, much of which is never summarized in formal publications.

FORMAT

The bibliography is divided into four sections, each of which is in effect a separate bibliography as listed below:

- I. Seabirds
 - Procellariiformes
 - Diomedidae (albatrosses)
 - Procellariidae (fulmars, shearwaters, and petrels)
 - Hydrobatidae (storm-petrels)
 - Pelecaniformes
 - Phalacrocoracidae (cormorants)
 - Charadriiformes (in part only)
 - Stercorariidae (jaegers and skuas)
 - Laridae (gulls and terns)
 - Alcidae (alcids)

11. Waterfowl and Other Water Birds
 - Gaviiformes (loons)
 - Podicipediformes (grebes)
 - Anseriformes (swans, geese, and ducks)
 - Ciconiiformes (herons)
 - Gruiformes (cranes, rails, and coots)

- III. Shorebirds
 - Charadriiformes
 - Haematopodidae (oystercatchers)
 - Charadriidae (plovers)
 - Scolopacidae (sandpipers and allies)
 - Phalaropidae (phalaropes)

- IV. Avifauna

The division of the bibliography into four sections is based on both the species addressed and the nature of the reference material. A reference which addresses particular species or group(s) of birds has been placed under the appropriate section(s): seabirds, waterfowl, or shorebirds. A reference was included in the **avifauna** section if it 1) was of a general nature, usually in narrative form, and contained little specific reference to individual species; 2) treated the entire **avifauna** of an area, often in the form of annotated accounts or a checklist; 3) represented specimen records of a number of diverse species; or 4) was a detailed paper concerned with a particular species or group of species, yet included, usually in appendices, information on the entire associated **avifauna**. Papers of this nature, totaling 62, are indicated in the **avifauna** section by an asterisk preceding the number, showing that the citation also occurs in one or more of the other bibliographies. Many of the references which appear only in the **avifauna** section contain significant and detailed in-

formation on individual species, and should not be overlooked. Some of these references also address species which are not treated elsewhere in the bibliography.

Within the separate sections, each reference includes the citation, a brief summary or evaluation of content, and key words that identify the region and locality of study, family or species of concern or both, and subject of discussion. The particular reviewer's initials appear at the end of each summary. One hundred forty-three of the citations were either not reviewed or have summaries quoted from another source.

A total of 6 regions and 18 subregions are identified (Table 1, Figure 1). The boundaries of regions and subregions are adapted from the U.S. Geological Survey **hydrographic** divisions for reporting data on water quality and are also used by other Federal and State agencies for water resource planning. The boundaries of subregions follow topographic divides between major drainage systems. These often delineate corresponding changes in vegetation or in the distribution and abundance of birds. We consider the identification of regional literature particularly important to agencies or industrial organizations requiring information for evaluating the effects of developments such as hydropower sites, drainage programs, and conversion of land to agriculture; for determining the effects of pollution; or for evaluating resources associated with wildlife refuges, parks, or other major areas of frequent concern. Specific localities to which references pertain have also been identified. All place names are those used by the U.S. Board of Geographic Names and are those which appear on topographic maps published by the U.S. Geological Survey. References which pertain to many regions or to Alaska as a whole are included in the category "Alaska, General."

The taxa of birds which are addressed in a particular reference are identified. Families or subfamilies are indicated within the sections on **seabirds**, waterfowl, and shorebirds; particular species are also listed if they are treated in depth or they are few in number. If all or most of the families within the group are addressed in a reference, the key word is simply "**seabirds**," "shorebirds," or "waterfowl." Within the section on **avifauna**, the groups of birds which have been addressed are listed as "**seabirds**," "shorebirds," "waterfowl," and "other." Generally, we have noted in the summary the number or percentage of typically water-associated species addressed in each reference. Specific water bird species are listed only in the rare situations where space allows.

The subject matter of each reference is identified by one or more of 34 relatively broad subject categories (Table 2). Within each of the four sections of the bibliography, citations are listed alphabetically by author and numbered sequentially for indexing. Separate indexes for geographic area, **taxonomic** group, and subject are provided for the **seabird**, waterfowl, and shorebird sections. The **avifauna** section has been indexed by subject and geographic area only.

A bibliography of references, particularly one which includes unpublished materials, is not very useful if cited references are not available. During preparation of this bibliography we have attempted to acquire or identify the source of references cited. Most current publications are available in major libraries. Most unpublished materials and copies of long out-of-print references cited may be examined in the library, U.S. Fish and Wildlife Service, Anchorage, or in reprint files of the Marine Bird Section, National Fisheries Research Center, U.S. Fish and Wildlife Service, Anchorage. Although it is not possible for the Service to provide copies of such materials to all persons, serious investigators with specific needs may examine references in the Fish and Wildlife Service office and may be furnished copies of materials they require.

Table 1. Regions and subregions.

A. ALASKA, GENERAL	E. GULF OF ALASKA
B. ALEUTIANS	1. Kodiak
C. ARCTIC	2. Cook Inlet
1. Beaufort	3. Copper River
2. Chukchi	4. Northern Gulf
3. Kotzebue Sound	5. Prince William Sound
D. BERING SEA	6. Southeastern Alaska
1. Norton Sound	F. INTERIOR ALASKA
2. Yukon Delta	1. Innoko
3. Bristol Bay	2. Kuskokwim
4. Bering Sea Islands	3. Tanana
	4* Koyukuk
	5. Upper Yukon
	G. NORTH PACIFIC

Table 2. Subject categories.

<ol style="list-style-type: none"> 1. Abundance - censuses, population estimates 2. Age and sex composition 3. Anatomy - includes morphology 4. Annotated list 5. Archaeology 6. Behavior 7. Bibliography 8. Breeding biology - generally comprehensive, but includes natural history accounts 9. Checklist - without annotation other than coded summary of abundance or status 10. Disease and parasites 11. Distribution 12. Disturbance, effects of Evolution (See Taxonomy) 13. Fishing, effects of 14. Food - includes food resources, foraging, behavior, and trophies 15. Growth 16. Habitat - characteristics, requirements, use, protection 17. Management - laws and regulations, conservation, harvest, protection Methods (See Techniques) 18. Migration - includes' wandering, dispersal, staging 	<ol style="list-style-type: none"> Molt (See Plumage) 19. Mortality 20. Physiology 21. Plumage - development, molt 22. Pollution, effects of - includes incidence of threats 23. Population dynamics - synthesis of information on population size and structure, growth, reproductive performance 24. Predation 25. Public interest - popular rather than technical content 26. Rehabilitation - care of injured, diseased, or oiled birds 27. Reproduction - reproductive performance, rates, success 28. Research - analysis of research needs, programs 29. Specimen record - museum's or collector's reference to a particular bird or egg 30. Status - well-being of population or species 31. Subsistence use 32. Taxonomy - includes evolution 33. Techniques - includes methods 34* Zoogeography
---	--

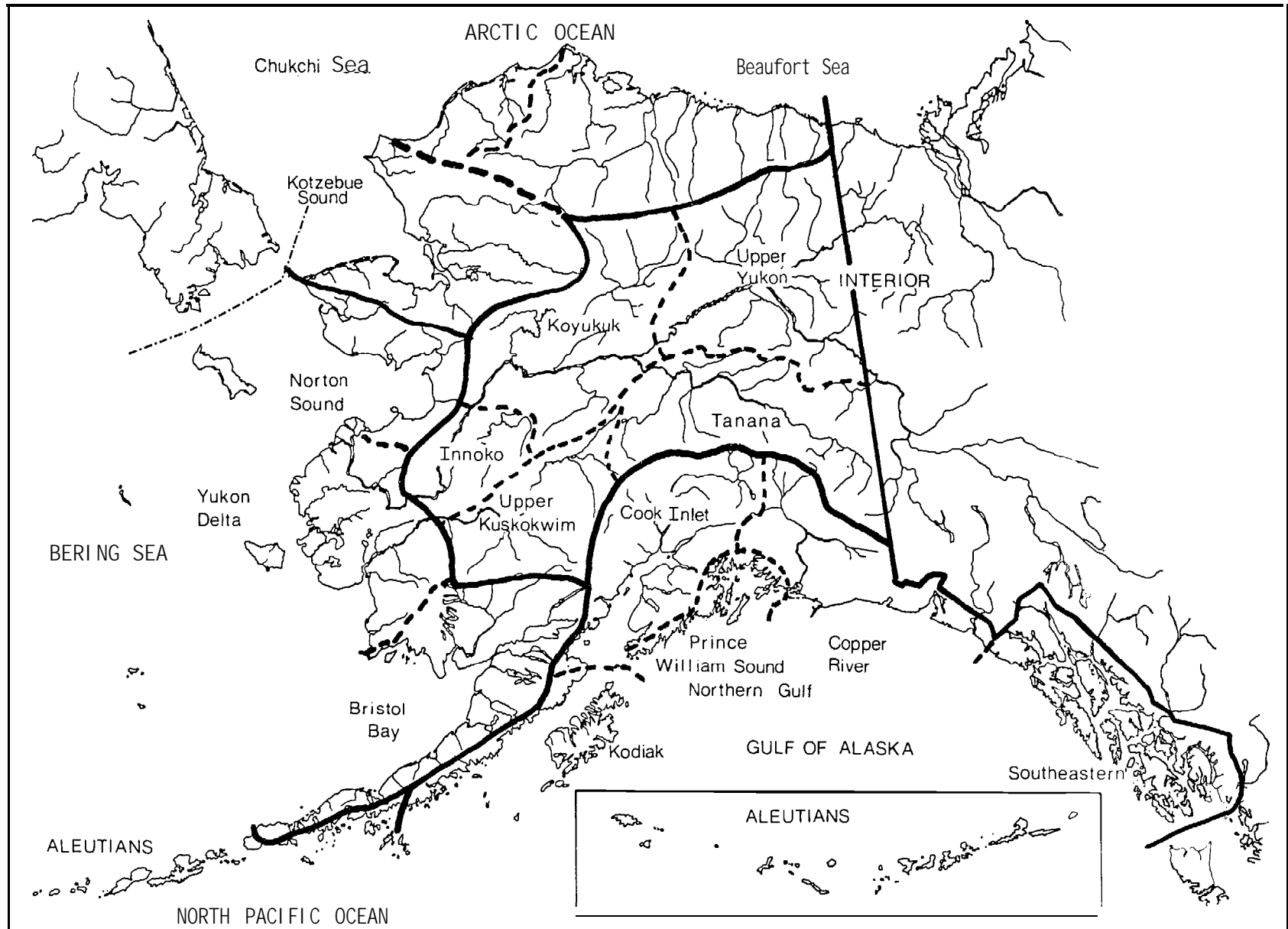


Figure 1. Regional and subregional boundaries of Alaska.

REVIEW OF ORNITHOLOGY IN ALASKA

Alaska ornithology had an auspicious beginning when in 1741 Georg Steller, who accompanied the Bering Expedition, obtained specimens and made extensive notes on birds he observed during the voyage. This early promise did not continue, and the first major ornithological accounts were based on the observations and collections obtained during the third voyage (1778 to 1779) of the great English explorer Captain James Cook. Localities described by Cook included Prince William Sound, Unalaska, Cape Newenham, St. Matthew Island, and Norton Sound. The observations and the collections, which included nine type specimens, were subsequently described in Latham's A General Synopsis of Birds published in several volumes from 1781 to 1785, and in Pennant's Arctic Zoology published in 1785.

Russian scientists did not make a major effort to obtain information on birds until more than a half century later (1840 to 1849) when Ilja Wosmessenski collected specimens for the Academy of Sciences. These specimens are still preserved in the Zoological Institute, Academy of Sciences, USSR, and Gabrielson and Lincoln were able to obtain a list of 341 specimens of 90 species while working on their monograph of the birds of Alaska (Gabrielson and Lincoln 1959).

Interest in Alaska ornithology increased dramatically during the period of American Exploration which was initiated by the Russian-American Telegraph Expedition (1865 to 1867). The scientific party included William Healy Dan, who was placed in charge after the death of Robert Kennicott. When the expedition was abandoned in 1867, Dan remained in Alaska at his own expense to complete work that had been planned. Much of the information obtained by the Telegraph Expedition was from coastal regions visited earlier (Dan 1873, 1874; Dan and Bannister 1869). However, Dan's observations on the Yukon River, which he explored up to Fort Yukon, were a significant contribution, being the first major study of inland habitats.

Dan's work was soon followed by that of Lucien Turner (1874 to 1881) and Edward W. Nelson (1877 to 1885). Both obtained specimens of more than 250 species and subspecies (Turner 1886, Nelson 1887). Nelson's work was particularly important because he described the major faunal areas of Alaska and he was the first to provide extensive information on abundance, behavior, and natural history of individual species of birds.

In the decades following the work of Dan, Turner, and Nelson there was continued wide interest in Alaska **avifauna**. Most work focused on compilation of regional **avifaunas**; a few of the important contributors were:

Murdoch ¹	1881 - 1883	Pt. Barrow
McIlhenny	1897 - 1898	Pt. Barrow (see Stone 1900)
Grinnell	1896 - 1899	Sitka , Kobuk R., Kotzebue Sound
Osgood	1899 - 1902	Yukon R., Cook Inlet, Alaska Pen.
Dixon	1907 -1926	Southeastern, Prince William Sound, Arctic Coast, Interior
Swarth	1909- 1919	Southeastern
Bent	1911	Bering Sea
Brooks	1913	Semidi Is., Arctic Coast
Willet	1912 - 1926	Southeastern
Bailey	1919 - 1921	Southeastern, Arctic
Murie, O.J.	1920 - 1937	Interior, Yukon Delta, Alaska Pen., Aleutian Is.

This productive period in Alaska ornithology (about 1865 to 1950) culminated in the publication of Birds of Alaska by Gabrielson and Lincoln in 1959, which remains the **most important** reference on Alaska birds. In preparing this monograph, the authors had access not only to published materials and the collections of the Smithsonian and other museums, but also to unpublished reports, notes, and diaries of past and present personnel of the Bureau of Biological Survey, the Alaska Game Commission, and the Fish and Wildlife Service. Thus, Birds of Alaska provides a uniquely comprehensive summary of all work **that had been** accomplished to the time of its publication.

Gabrielson and Lincoln considered the period from about 1900 to 1958 to be the "modern period" because there was a shift from extensive exploratory work to more intensive surveys of restricted areas. In retrospect, we would include most of the work up to about 1950 in the exploratory period, because emphasis remained on investigation of new regions and on collection of specimens to extend regional lists of species. By the end of this period the distribution patterns of most species were reasonably well defined.

A much more dramatic shift in direction of ornithological research occurred after World War II. Regional occurrence, range extensions, and records of new species continued to be a matter of interest, but **avian** research became more diverse. Studies began to address discrete topics such as the **ecology** and habitat requirements of individual species, the **role** of birds in ecosystems, the adaptation of birds "to Arctic environments, population dynamics, problems related to management, and finally, the probable impacts of myriad development programs or activities.

¹See references listed for each of these individuals.

Within these past three decades, most of the studies on Alaska birds have been supervised by a few major contributors. The University of Alaska, primarily through the efforts of Brina Kessel and Daniel Gibson, has been a continuing focal point for information on distribution and zoogeographical relationships of Alaska birds and maintains collections of growing importance. Kessel and Gibson (1978) provided a major supplement to the Birds of Alaska, which extensively revised information on status and distribution for about half of the species originally treated, and extended the list of known species from 321 in 1958 to 387 in 1978. This increase in the recorded number of species reflects the major expansion of ornithological research in recent years.

The Arctic Health Research Center, subsequently incorporated in the Institute of Arctic Biology, University of Alaska, has emphasized studies of physiological adaptations of birds to Arctic environments. Lawrence Irving, former director of the Institute, and his colleagues have also contributed to many other aspects of ornithology and have conducted comprehensive avifaunal studies, including detailed analyses of habitat relationships, for many regions of Alaska.

Since 1951, Frank Pitelka of the Museum of Vertebrate Zoology, Berkeley, with many students and colleagues, has continued work on birds at the Naval Arctic Research Laboratory at Point Barrow, and elsewhere on the Arctic Slope. Work at Barrow has included studies of evolution, population dynamics, breeding behavior, and trophic relationships of shorebirds, as well as studies of time-energy budgets, distribution within biotic communities, and predator-prey relationships.

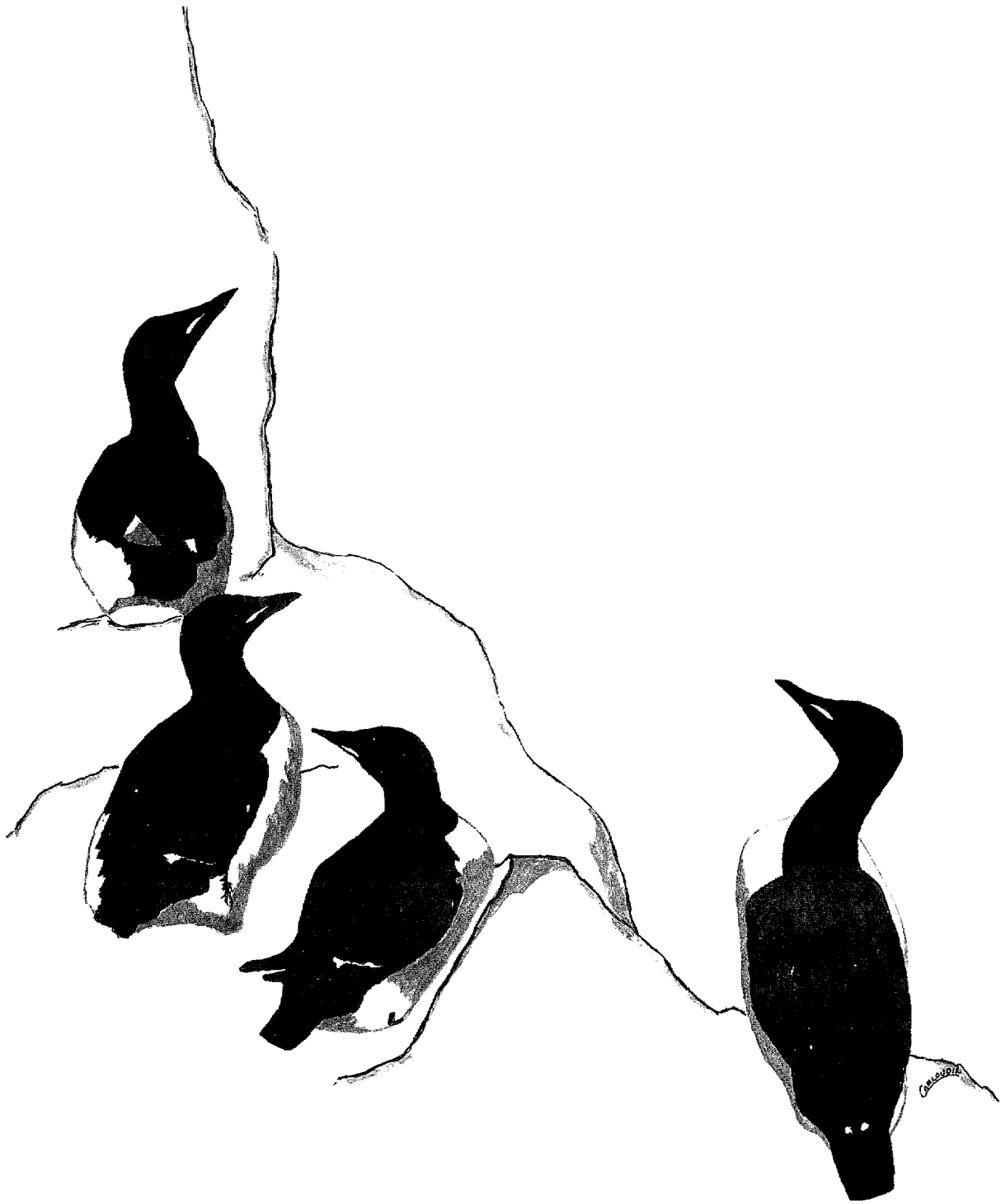
Research conducted by the Fish and Wildlife Service has focused primarily on collection of information necessary for management of migratory waterfowl, endangered species, and national wildlife refuges. Additional work has addressed populations and habitats likely to be affected by existing or proposed development projects. Annual surveys of breeding populations, assessment of production, and analysis of habitat requirements continue to be of high priority. Although the primary purpose of such surveys is to meet short-term management needs, the accumulated data on populations, reproduction, and distribution provide a unique base for evaluating long-term climatic, physical, biological, or anthropogenic changes in the environment, as well as the cumulative or compensatory relationships of such changes.

National wildlife refuges, particularly Clarence Rhode National Wildlife Range, have also sponsored many in-depth studies of the population dynamics and ecology of individual species. These studies have usually been conducted in cooperation with universities, because such discrete topics are particularly adaptable to research by graduate students. Under similar cooperative agreements with the Fish and Wildlife Service, students of Milton Weller, Iowa State University, have studied the water birds and wetland habitats of the Arctic Slope in relation to petroleum development. The Fish and Wildlife Service expanded these studies during the past five years, and conducted additional studies on the avifauna of Prince William Sound in relation to expanding petroleum development.

The latest major impetus to ornithological research in Alaska began in 1975, with funding through the interdisciplinary Outer Continental Shelf Environmental Assessment Program (OCSEAP), an effort designed to assess potential impacts of offshore petroleum development. Papers by King (1973) and Sowl and Bartonek (1974) had earlier called attention to the woeful inadequacy of information and current research on marine birds. Only crude information had been available on the distribution of populations; on the size, location, and composition of nesting colonies; and on the ecology of individual species. Research on birds of estuarine and marine environments became an important part of OCSEAP in 1976. Although programs of the Fish and Wildlife Service supplement that of OCSEAP, the combined effort is considered by many persons involved to be too little and too late. However, research on marine birds in Alaska between 1976 and 1978 was likely the most concentrated research effort ever directed primarily at non-game species.

This major program has involved scientists from the Fish and Wildlife Service, Alaska Department of Fish and Game, and several universities. It is additionally unique in being truly interdisciplinary, with information being collected simultaneously on oceanography, fisheries, invertebrates, marine mammals, and other physical and biological factors which influence the ecology of marine birds. Preliminary results of this research program are impressive, with most information being summarized in Annual or Final Reports of Principal Investigators published by the National Oceanic and Atmospheric Administration which manages the program for the Bureau of Land Management.

Although funding available from OCSEAP diminished appreciably in 1978 and has continued to decline, that from other sources is expanding and work in ornithology over the long-term appears likely to increase and diversify.



SEABIRDS - BIBLIOGRAPHY

1. ABBOTT, C.G. 1929. Ross Gulls for dinner. Condor 31:132.

Besides the gastronomic emphasis of this note, there is mention of an unusual concentration of thousands of these birds around Barrow in late September 1928. REG

Arctic - Chukchi (Barrow)
Gulls and terns
Ross' Gull
Subsistence, distribution, abundance

2. AINLEY, D.G., and G.A. SANGER. 1979. Trophic relations of seabirds in the northeastern Pacific Ocean and Bering Sea. U.S. Fish and Wildl. Serv., Wildl. Res. Rep. 11:95-122.

This paper reviews the literature on the diets of seabirds found in the northeastern North Pacific Ocean and Bering Sea, and broadly characterizes the diet of each species. More research is needed on seabird feeding relations so the ecological roles of marine birds can be defined and placed in perspective. MRP

North Pacific
Bering Sea
Seabirds
Food, research

3. AMARAL, M.J. 1977. A comparative breeding biology of the Tufted and Horned Puffin in the Barren Islands, Alaska. M.S. thesis. Univ. Washington, Seattle. 98 pp.

This paper presents data collected on the breeding biology of Horned and Tufted Puffins. Aspects of their breeding biology are compared with information presented in the literature for all puffins. Factors influencing breeding success on East Amatuli Island are assessed. MRP

Gulf of Alaska - Kodiak (Barren Is.)
Alcids
Horned Puffin, Tufted Puffin
Breeding biology

- 4* AMARAL, M.J., and D.A. MANUWAL. 1978. A comparative breeding biology of the Tufted and Horned Puffin in the Barren Islands, Alaska. Pac. Seabird Group Bull. 5(1):40-41. (Abstract)

This paper describes and compares aspects of the breeding biology of Horned and Tufted Puffins. The most important factors influencing nesting success are discussed for both species. MRP

Gulf of Alaska - Kodiak (Barren Is.)

Alcids

Horned Puffin, Tufted Puffin

Breeding biology

5. ANDERSSON, M. 1973. Behaviour of the Pomarine Skua Stercorarius pomarinus Temm. with comparative remarks on Stercorariinae. Ornis Scand. 4:1-16.

This paper describes displays and hunting behavior of the Pomarine Jaeger, and describes relationships between their behavior and ecology. A preliminary review of behavior patterns and relationships in the Stercorariinae is included. MRP

Arctic - Beaufort (Nuvagapak Pt.)

Jaegers

Pomarine Jaeger

Behavior, taxonomy

6. ANONYMOUS. 1970. Bird deaths mount in Alaska. Marine Poll. Bull. 1:66.

This note records the oiling of an estimated 10,000 birds in the Kodiak Island archipelago during February and March 1970, from an unknown source of crude or bunker oil. Those species identified and others probably affected are listed. CMH

Gulf of Alaska - Kodiak

Cormorants, gulls and terns, **alcids**

Pollution, public interest, mortality

7. ANTHONY, A.W. 1934. A new petrel for North America. Auk 51:77.

A specimen of Cook's Petrel, collected in the Aleutian Islands, represents the first North American record. CMH

Aleutians - (Adak Is.)

Fulmars and shearwaters

Cook's Petrel

Distribution, specimen record

8. ARNOLD, L.W. 1948. Observations on populations of North Pacific pelagic birds. Auk 65:553-558.

This paper reports census results for the 17 species recorded on a cruise through the Aleutian Islands and Gulf of Alaska during summer 1944. Numbers and locations are reported in tables, and distribution is briefly discussed for several species. CMH

Gulf of Alaska
Aleutians
North Pacific
Seabirds
Distribution, abundance

9. AUSTIN, O.L., JR. 1952. Notes on some petrels of the North Pacific. Bull. Mus. Comp. Zool. Harv. Col 1. 107(7) :391-407.

This paper discusses the taxonomic status of populations of three gadfly petrels and six storm-petrels, separated on the basis of **meristics**, plumage, and geographic distribution. Among these species, only Cook's Petrel and Leach's Storm-Petrel are known to occur in Alaska waters. CMH

North Pacific
Fulmars and shearwaters, storm-petrels
Cook's Petrel, Leach's Storm-Petrel
Distribution, taxonomy, anatomy, plumage

10. BAILEY, A.M. 1926. Additional records from Arctic Alaska. Condor 28:246.

Specimens of three species collected at Barrow and Wainwright are recorded, including Least and Crested Auklets. CMH

Arctic - Chukchi (Barrow, Wainwright)
Alcids
Crested Auklet, Least Auklet
Distribution, specimen record

11. BAILEY, A.M. 1929. The Siberian Bank Swallow and other records from Point Barrow, Alaska. Auk 46:550-551.

Specimen records of three species of gull collected in September 1929 are reported. REG

Arctic - Chukchi (Barrow)
Gulls and terns
Thayer's Gull, Ivory Gull, Black-legged Kittiwake
Specimen record, distribution

- 12* BAILEY, A. M. 1931. Specimens from Point Barrow, Alaska. Condor 33:78.

Several specimens of Puffinus tenuirostris are reported from the "sea ice" during November and December 1929. Many of the specimens were "caught in the ice, some frozen solidly, and others still alive, too weak to rise." REG

Arctic - Chukchi (Barrow)
Fulmars and shearwaters
Short-tailed Shearwater
Specimen record, distribution

13. BAILEY, A. M. 1934. Ring-billed Gull from Barrow, Alaska - a correction. Condor 36:248.

A specimen of Larus canus was misidentified as Larus delawarensis (Bailey and Bishop, Condor 36:169, 1934). REG

Arctic - Chukchi (Barrow)
Gulls and terns
Ring-billed Gull, Mew Gull
Specimen record, distribution

14. BAILEY, A. M. 1956. The Bean Goose and other birds from St. Lawrence Island, Alaska. Auk 73:560.

This note presents the first record of a Bean Goose (Anser fabalis serrirostris) collected in North America, and records specimens of six other uncommon species collected on St. Lawrence Island between 1950 and 1953. CMH

Bering Sea - St. Lawrence Is.
Fulmars and shearwaters, gulls and terns
Short-tailed Shearwater, Ivory Gull
Distribution, specimen record

15. BAILEY, A. M., and L. B. BISHOP. 1934. Additional records for the Barrow region, Arctic Alaska. Condor 36:169.

This short note reports specimens of six species not previously recorded from the Barrow region, including the Ring-billed Gull, Parakeet Auklet, and Hudsonian Godwit. REG

Arctic - Beaufort (Colville R., Cape Halkett), Chukchi (Barrow)
Gulls and terns, alcids
Ring-billed Gull, Parakeet Auklet
Distribution, specimen record

16. BAILEY, E.P. 1973. Discovery of a Kittlitz's Murrelet nest. Condor 75:457.

This report of a Kittlitz's Murrelet nest found near Cold Bay in July 1972 was the fourth nesting record for this species in Alaska. REG

North Pacific - (Alaska Peninsula)
Alcids
Kittlitz's Murrelet
Reproduction, distribution

17. BAILEY, E.P. 1973. Kittlitz's Murrelet, report on a rare bird. Alaska Msg. 39(8):33.

This is a brief account of the discovery of a Kittlitz's Murrelet nest, written for the general public. Included are color pictures of the egg, downy young, and nesting habitat. CMH

North Pacific - (Alaska Peninsula)
Alcids
Kittlitz's Murrelet
Public interest

18. BAILEY, E.P. 1975. Proposed Alaskan seabird refuges (slide presentation). Pac. Seabird Group Bull. 2(1):40-41. (Abstract)

This gives a brief overview of the marine resources found along coastal Alaska, and emphasizes the need for coastal wildlife refuges. MRP

Alaska
Seabirds
Habitat, public interest, management

19. BAILEY, E. 1977. Breeding seabird distribution and abundance along the south side of the Kenai Peninsula, Alaska. Pac. Seabird Group Bull. 4(1):21-22. (Abstract)

The area along the south side of the Kenai Peninsula between Cook Inlet and Seward was surveyed from June 19 to July 14, 1976. The largest concentrations of birds are noted. MRP

Gulf of Alaska - Prince William Sound
Fulmars and shearwaters, gulls and terns, alcids
Northern Fulmar, Fork-tailed Storm-Petrel, Glaucous-winged Gull,
Black-legged Kittiwake, Common Murre, Kittlitz's Murrelet,
Rhinoceros Auklet, Horned Puffin, Tufted Puffin
Abundance, distribution

20. BAILEY, E.P. 1978. Breeding seabird distribution and abundance in the **Shumagin** Islands, Alaska. Murrelet 59:82-91.

This paper provides population estimates, by island, of the 18 species of seabirds found breeding on the **Shumagin** Islands. Most of the data was gathered on reconnaissance surveys during three summers, but information from historical and recent studies is also summarized. The presence of red foxes is discussed in relation to the distribution of seabirds on the islands. CMH

North Pacific - (**Shumagin** Is.)
Seabirds
Distribution, abundance, annotated list, predation

21. BAILEY, E.P. 1978. Breeding seabird distribution and abundance in the **Shumagin** Islands, Alaska. Pac. Seabird Group Bull. 5(1):50-51. (Abstract)

This paper presents information on the distribution and abundance of seabirds on the **Shumagin** Islands. The influence of red and arctic foxes on seabird distribution is discussed. MRP

North Pacific - (**Shumagin** Is.)
Seabirds
Abundance, distribution, predation

22. BAILEY, E.P. 1978. Breeding seabird distribution and abundance of the Sandman Reefs, Alaska. Pac. Seabird Group Bull. 5(2):78. (Abstract)

The author estimates the populations of diurnal seabirds on 31 islands of the Sandman Reefs. MRP

North Pacific - (Sandman Reefs)
Seabirds
Abundance, distribution

23. BAILEY, E.P. 1979. Summer distribution and abundance of marine birds between **Mitrofan**ia and **Sutwik** Islands south of the Alaska Peninsula. Pac. Seabird Group Bull. 6(2):39. (Abstract)

This paper reports on the abundance and distribution of seabirds found on islands and adjacent mainland from **Mitrofan**ia to **Sutwik** during a survey in July 1979. MRP

Gulf of Alaska - Kodiak (Alaska Peninsula)
Seabirds
Abundance, distribution

24. BAILEY, E. P., and G.H. DAVENPORT. 1972. Die-off of Common Murres on the Alaska Peninsula and Unimak Island. Condor 74:215-219.

This paper documents a massive die-off of Common Murres in Bristol Bay during an intense storm in April 1970. Aerial and ground surveys were conducted to determine the number of birds cast ashore and specimens were examined for cause of mortality. CMH

Bering Sea - Bristol Bay (Alaska Peninsula)
Alcids
Common Murre
Mortality

25. BAIRD, P. 1978. Comparative ecology of Arctic and Aleutian Terns. Pac. Seabird Group Bull. 5(1):45-46. (Abstract)

This paper describes habitats used by Arctic and Aleutian Terns in the Sitkalidak Strait area of Kodiak Island. Amount of vegetative cover and nesting chronology are assessed as factors influencing reproductive success. MRP

Gulf of Alaska - Kodiak (Kodiak Is.)
Gulls and terns
Arctic Tern, Aleutian Tern
Habitat, reproduction

26. BAIRD, P.A. 1979. Changes in reproductive success and food habits of three marine birds at Kodiak Island, Alaska. Pac. Seabird Group Bull. 6(2):27. (Abstract)

This paper reports on the breeding success and foods of Glaucous-winged Gulls, Black-legged Kittiwakes, and Tufted Puffins in 1977 and 1978. Interspecific differences are noted. MRP

Gulf of Alaska - Kodiak (Kodiak Is.)
Gulls and terns, alcids
Glaucous-winged Gull, Black-legged Kittiwake, Tufted Puffin
Reproduction, food

27. BAIRD, P.A., and M.A. HATCH. 1979. Breeding biology and feeding habits of seabirds of Sitkalidak Strait, 1977-1978, pp. 107-186. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 2. NOAA, Environ. Res. Lab., Boulder, Colo.

A two-year study of the comparative breeding biology and feeding ecology of five species of seabirds was conducted on Kodiak Island. Differences in productivity are discussed in relation to presumed prey availability. Appended is an annotated list of all birds and mammals observed in 1978. Of the 36 species of birds noted, 24 are water-associated. CMH

Gulf of Alaska - Kodiak (Kodiak Is.)

Gulls and terns, **alcids**

Glaucous-winged Gull, Black-legged Kittiwake, Arctic Tern, Aleutian Tern, Tufted Puffin

Breeding biology, abundance, food, growth, population dynamics, annotated list

28. BAIRD, P.A., and R.A. MOE. 1978. The breeding biology and feeding ecology of marine birds in the Sitkalidak Strait area, Kodiak Island, 1977, pp. 313-524. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators. Vol. 3. NOAA, Environ. Res. Lab., Boulder, Colo.

Detailed information on the abundance, habitat use, and reproductive and feeding ecology is presented for Glaucous-winged Gulls, Black-legged Kittiwakes, Arctic and Aleutian Terns, and Tufted Puffins. Sightings of eight species of shorebirds and two other species of seabirds are summarized. CMH

Gulf of Alaska - Kodiak (Sitkalidak Strait)

Gulls and terns, **alcids**

Glaucous-winged Gull, Black-legged Kittiwake, Arctic Tern, Aleutian Tern, Pigeon Guillemot, Horned Puffin, Tufted Puffin

Breeding biology, food, habitat, growth, abundance

29. BAIRD, S.F. 1869. On additions to the bird-fauna of North America, made by the Scientific Corps of the Russo-American Telegraph Expedition. Trans. Chicago Acad. Sci. 1:311-325.

In this paper, the Aleutian Tern and four land bird species are described as new to science. (From T. J. Cade, 1953, A Synoptic Review of Alaskan Ornithology, Univ. Calif. Dept. Zool., Los Angeles. Original not seen). CMH

Alaska
Gulls and terns
Aleutian Tern
Specimen record

30. BARTELS, R.F. 1973. Bird survey techniques on Alaska's north coast. M.S. thesis. Iowa State Univ., Ames. 47 pp.

This paper evaluates aerial survey techniques for estimating bird populations, and reports on the distribution of postbreeding waterfowl in Alaska Arctic coastal waters. MRP

Arctic - Beaufort
Seabirds
Techniques

31. BARTONEK, J.C. 1968. A Survey of Migratory Bird Problems in Alaska for the Purpose of Identifying Research Needs. Unpublished progress report. U.S. Fish and Wildlife Service, Northern Prairie Wildlife Research Center, Jamestown, N.D. 36 pp.

This paper identifies and discusses potential problems arising from resource development and hunting, describes responsibilities of various management agencies, and suggests specific research projects which should be conducted in the state. CMH

Alaska
Seabirds
Management, research

32. BARTONEK, J. C., R. ELSNER, and F.H. FAY. 1974. Mammals and birds, pp. 23-28. In E.J. Kelley and D.W. Hood (eds.), PROBES: A Prospectus on Processes and Resources of the Bering Sea Shelf, 1975-1985. Public Inform. Bull. 74-1. Univ. Alaska, Inst. Mar. Sci., Fairbanks.

This paper broadly discusses the bird and mammal resources of the Bering Sea. Their ecological and economic importance, and potential conflicts with mineral and petroleum exploitation and the fishing industry are assessed. Recommendations for research are made. CMH

Bering Sea
Seabirds
Research, management, pollution

33. BARTONEK, J.C., and D.D. GIBSON. 1972. Summer distribution of pelagic birds in Bristol Bay, Alaska. Condor 74: 416-422.

The authors report on the distribution and abundance of 32 species of pelagic birds observed in Bristol Bay during July and August 1969. MRP

Bering Sea - Bristol Bay
Seabirds
Distribution, annotated list, abundance

34. BARTONEK, J.C., J.G. KING, and H.K. NELSON. 1971. Problems confronting migratory birds in Alaska. Trans. N. Am. Wildl. Conf. 36:345-361.

This paper provides a general review of the principal nesting habitats of breeding waterfowl, shorebirds, and seabirds; identifies the State and Federal agencies managing these habitats; and discusses the types of resource development which may adversely affect birds. Recommendations for research and for protection of avian habitats are made. MRP

Alaska
Seabirds
Management, research

35. BARTONEK, J. C., and D.N. NETTLESHIP (eds.). 1979. Conservation of Marine Birds of Northern North America. U.S. Fish and Wildl. Serv. , Wildl. Res. Rep. 11. 319 pp.

This research report contains papers presented during the International Symposium on the Conservation of Marine Birds of Northern North America, May 13-15, 1975. Topics include marine environment of birds; status of marine bird populations; the biology and ecology of marine birds in the north; conflicts between the conservation of marine birds and uses of other resources; programs and authorities related to marine bird conservation; and conservation of marine birds in other lands. MRP

Alaska

Seabirds

Abundance, distribution, fishing, food, habitat, management, mortality, pollution, population dynamics, predation, research, status, taxonomy, zoogeography

36. BARTONEK, J.C., and S.G. SEALY. 1979. Distribution and status of marine birds breeding along the coasts of the Chukchi and Bering Seas. U.S. Fish and Wildl. Serv. , Wildl. Res. Rep. 11:21-31.

This paper describes the status and distribution of the species of marine birds breeding along the coasts of the Chukchi and Bering Seas, and identifies gaps in our knowledge of the area. Recommendations for further research are presented. MRP

Arctic - Chukchi

Bering Sea

Seabirds

Distribution, status, research

37. BÉDARD, J. 1966. New records of alcids from St. Lawrence Island, Alaska. Condor 68:503-506.

This note records the occurrence of four species of alcids rare in or new to the St. Lawrence Island area. Measurements of specimens are given, and the potential breeding status of each species is discussed. CMH

Bering Sea - St. Lawrence Is.

Alcids

Dovekie, Black Guillemot, Marbled Murrelet, Ancient Murrelet

Distribution, status, specimen record

38. BÉDARD, J. 1967. Ecological segregation among plankton-feeding Alcidae (Aethia and Cyclorhynchus). Ph.D. thesis. Uni v. British Columbia, Vancouver. 177 pp.

Not reviewed.

Bering Sea - St. Lawrence Is.

Alcids

Parakeet Auklet, Crested Auklet, Least Auklet
Habitat, breeding biology, food, anatomy, abundance

39. BÉDARD, J. 1969. Adaptive radiation in Alcidae. Ibis 111:189-198.

This paper traces the adaptive radiation of the Alcidae, through a detailed study of the morphology of the feeding apparatus, body size, and specialized feeding habits of each species. CMH

Alaska

Alcids

Taxonomy, food, anatomy

40. BÉDARD, J. 1969. Feeding of the Least, Crested, and Parakeet Auklets around St. Lawrence Island. Can. J. Zool. 47:1025-1050.

The author examines the feeding habits of three plankton-feeding alcids nesting on St. Lawrence Island to determine the amount of niche segregation and overlap. Composition of diet, foraging habits, and morphology of feeding apparatus are considered. CMH

Bering Sea - St. Lawrence Is.

Alcids

Parakeet Auklet, Crested Auklet, Least Auklet
Food, anatomy

41. BÉDARD, J. 1969. The nesting of the Crested, Least, and Parakeet Auklets on St. Lawrence Island, Alaska. Condor 71:386-398.

This paper, based on a four-year study, presents a detailed analysis of segregation in selection of nesting habitat by three species of auklets. All major colonies on the island are catalogued, and population estimates of Least and Crested Auklets are given for each colony. The relationship between nesting densities of these two species and the physical parameters of the habitat are examined. CMH

Bering Sea - St. Lawrence Is.

Parakeet Auklet, Crested Auklet, Least Auklet
Habitat, abundance, breeding biology

42. BÉDARD, J. 1976. Coexistence, convolution, and convergent evolution in seabird communities: A comment. *Ecology* 57:177-184.

Relying largely on information gathered during his own studies of alcids in the Bering Sea region, the author delivers a comprehensive criticism of Cody's comparison (*Ecology* 54:31-44, 1973) of an alcid community of Washington with one of Iceland. CMH

Bering Sea
Alcids
Breeding biology, food, anatomy

43. BEHLE, W.H. 1941. Additional data concerning the subspecific status of the cormorants of Great Slave Lake. *Condor* 43:286-289.

Brief reference is made to specimens of Phalacrocorax auritus from Kodiak, Alaska. REG

Gulf of Alaska - Kodiak (Kodiak Is.)
Cormorants
Double-crested Cormorant
Taxonomy

44. BENDIRE, C. 1895. Notes on the Ancient Murrelet (Synthliboramphus antiquus), by Chase Littlejohn, with annotations. *Auk* 12: 270-278.

This paper reports general observations of the Ancient Murrelet and other nocturnal species nesting on islands south of the Alaska Peninsula in 1894. Included are notes on behavior, nesting habitat, egg coloration and size, and the taking of birds and eggs for subsistence. "Large" flocks of Crested Auklets were noted at sea. CMH

North Pacific - Alaska Peninsula
Gulf of Alaska - Kodiak (Alaska Peninsula)
Storm-petrels, alcids
Fork-tailed Storm-Petrel, Leach's Storm-Petrel, Ancient Murrelet,
Cassin's Auklet, Crested Auklet
Reproduction, habitat, behavior, subsistence, distribution

45. BENT, A.C. 1918. Pterodroma gularis in North America. Au k
35:221-222.

This note reports two specimens of Pterodroma gularis (= P. i nexpectata, Scaled Petrel) from Alaska, the first and second records of this species for North America. REG

North Pacific - (Alaska Peninsula)
Aleutians- (Kiska Is.)
Fulmars and shearwaters
Scaled Petrel
Distribution, specimen record

46. BENT, A.C. 1919. Life Histories of North American Diving
Birds. U.S. Natl. Mus. Bull. 107. 245 pp.

This is one part of the classic series on the life histories of North American birds. Accounts include detailed observations of various aspects of each species' life history. MRP

Alaska
Alcids
Abundance, behavior, breeding biology, distribution, food,
habitat, migration, plumage, status, subsistence

47. BENT, A.C. 1921. Life Histories of North American Gulls and
Terns. U.S. Natl. Mus. Bull. 113. 345 pp.

This is one part of the classic series on the life histories of North American birds. Accounts include detailed observations of various aspects of each species' life history. MRP

Alaska
Jaegers, gulls and terns
Abundance, behavior, breeding biology, distribution, food,
habitat, migration, plumage, status

48. BENT, A.C. 1922. Life Histories of North American Petrels,
Pelicans, and their Allies. U.S. Natl. Mus. Bull. 121. 343 pp.

This is one part of the classic series on the life histories of North American birds. Accounts include detailed observations of various aspects of each species' life history. MRP

Alaska
Albatrosses, fulmars and shearwaters, storm-petrels, cormorants
Abundance, behavior, breeding biology, distribution, food,
status, habitat, migration, plumage

49. BENT, A.C. 1929. A flight of Ross' Gulls. Auk 46:224-225.

The author reports an unusual observation of thousands of Ross' Gulls close to shore at Barrow in late fall 1928. Subsistence use is mentioned, and a description of the fresh, adult winter plumage is given. Ivory Gulls are noted as scarce that fall.
CMH

Arctic - Chukchi (Barrow)
Gulls and terns
Ivory Gull, Ross' Gull
Abundance, plumage, subsistence

50. BIDERMAN, J.O., and W.H. DRURY. 1978. Ecological studies in the northern Bering Sea: Studies of seabirds in the Bering Strait, pp. 751-838. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 2. NOAA, Environ. Res. Lab., Boulder, Colo.

This report provides information on the abundance, phenology, activity patterns, reproductive success, and feeding ecology of 11 species of seabirds nesting on Little Diomedes Island in 1977. Data on the pelagic distribution of murre and auklets are also presented. Implications of petroleum development are discussed.
CMH

Arctic - Chukchi
Bering Sea - Little Diomedes Is., Norton Sound
Cormorants, gulls and terns, alcids
Pelagic Cormorant, Glaucous Gull, Black-legged Kittiwake, Common Murre, Thick-billed Murre, Pigeon Guillemot, Parakeet Auklet, Crested Auklet, Least Auklet, Horned Puffin, Tufted Puffin
Reproduction, status, abundance, food, population dynamics, pollution, disturbance

51. BIDERMAN, J. O., W.H. DRURY, F.B. FRENCH, JR., and S. HINCKLEY. 1978. Ecological studies in the northern Bering Sea: Birds of coastal habitats on the south shore of Seward Peninsula, Alaska, pp. 510-613. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 2. NOAA, Environ. Res. Lab., Boulder, Colo.

This report presents information on the abundance, reproductive ecology, and foods of seabirds at several sites in Norton Sound in 1977. Concentrations of waterfowl in coastal habitats are mapped and discussed. Reproductive success of Whistling Swans is summarized. Census techniques, measurements of reproductive success, suggestions for future research, and possible effects of oil development are discussed. CMH

Bering Sea - Norton Sound
Seabirds

Abundance, reproduction, food, techniques, research, pollution, disturbance

52. BISHOP, L.B. 1927. The plumages of certain gulls. Condor 29:201-202.

The juvenile plumages of certain Arctic gulls are discussed. Reference is made to specimens of Larus hyperboreus from St. Michael, Alaska. REG

Bering Sea - Yukon Delta (St. Michael)
Gulls and terns

Glaucous Gull
Plumage, specimen record

53. BISHOP, L.B. 1927. The status of the Point Barrow Gull. Condor 29:204-205

The taxonomy of the Glaucous Gull is discussed, and the Point Barrow population is recognized as a distinct race, Larus hyperboreus barrovianus. Measurements are presented. NMH

Alaska
Gulls and terns
Glaucous Gull, Iceland Gull
Taxonomy, anatomy

54. BOEKELHEIDE, R. J. , and G.J. DIVOKY. 1978. The role of sea-ice for Arctic Terns breeding on an Arctic Alaska barrier island. Pac. Seabird Group Bull. 5(1):52. (Abstract)

This paper reports on aspects of **phenology**, nesting success, and feeding **ecology** of Arctic Terns on Cooper Island. The melt and movement of ice and the food associated with it are discussed as factors influencing breeding phenology and migration. MRP

Arctic - Beaufort (Cooper Is.)
Gulls and terns
Arctic Tern
Breeding biology, food

55. BOEKELHEIDE, R. , and G. DIVOKY. 1979. Post-breeding migration of Arctic Terns in northwestern Alaska. Pac. Seabird Group Bull. 6(2):42. (Abstract)

This paper reports on the **fall** migration of Arctic Terns past Cooper Island in 1976. The timing and intensity of migration are discussed in relation to the availability of patchily concentrated food items and sea-ice **conditions** in inshore waters. MRP

Arctic - Beaufort (Cooper Is.)
Gulls and terns
Arctic Tern
Migration, food

56. BOERSMA, D. 1977. Breeding biology of Fork-tailed Petrels in the Barren Islands, Alaska. Pac. Seabird Group Bull. 4(1):16. (Abstract)

The breeding biology of Fork-tailed Storm-Petrels was studied during 1976 on the Barren Islands. The influence of storms on nesting success is discussed. MRP

Gulf of Alaska - Kodiak (Barren Is.)
Storm-petrels
Fork-tailed Storm-Petrel
Breeding biology

57. BOERSMA, P.D. 1979. Incubation and burrow temperatures of Fork-tailed Storm-Petrels. Pac. Seabird Group Bull. 6(2):26. (Abstract)

This paper reports on temperatures of eggs and burrows of Fork-tailed Storm-Petrels. The possible effects of extremely low temperatures and of egg neglect on the length of the incubation period are discussed. MRP

Gulf of Alaska - Kodiak (Barren Is.)
Storm-petrels
Fork-tailed Storm-Petrel
Physiology, breeding biology

58. BOERSMA, D., and N.T. WHEELWRIGHT. 1978. Egg-neglect in the Fork-tailed Storm-Petrel (Oceanodroma furcata). Pac. Seabird Group Bull. 5(1):46. (Abstract)

This paper describes the incidence of egg and chick neglect in the Fork-tailed Storm-Petrel, and discusses the adaptive significance of the ability of embryos and chicks to survive temporary abandonment. MRP

Gulf of Alaska - Kodiak (Barren Is.)
Storm-petrels
Fork-tailed Storm-Petrel
Physiology, breeding biology

59. BOERSMA, P.D., and N.T. WHEELWRIGHT. 1979. Egg neglect in the **Procellariiformes**: Reproductive adaptations in the Fork-tailed Storm-Petrel. Condor 81:157-165.

This paper reports the incidence of egg neglect in the Fork-tailed Storm-Petrel, and discusses the adaptive significance and costs of egg neglect in **Procellariiform** birds. MRP

Gulf of Alaska - Kodiak (Barren Is.)
Storm-petrels
Fork-tailed Storm-Petrel
Physiology, breeding biology

60. BOERSMA, P.D., N.T. WHEELWRIGHT, M.K. NERINI, and E.S. WHEELWRIGHT. 1980. The breeding biology of the Fork-tailed Storm-Petrel (Oceanodroma furcata). Auk 97:268-282.

This paper presents information on the breeding biology of Fork-tailed Storm-Petrels, and discusses their reproductive strategy. MRP

Gulf of Alaska - Kodiak (Barren Is.)
Storm-petrels
Fork-tailed Storm-Petrel
Breeding biology, growth

61. BOGGS, R.M., and E.M. BOGGS. 1964. Sight record of Short-tailed Albatross. Murrelet 45:48.

Reported are two sightings of Short-tailed Albatross near Attu Island. REG

Aleutians - (AttuIs.)
Albatrosses
Short-tailed Albatross
Distribution

62. BOURNE, W.R.P. 1970. Observations of seabirds. Sea Swallow 20:47-54.

This compilation of seabird observations by bird watchers of the Royal Navy includes several sightings in Alaska waters. NMH

Aleutians
North Pacific
Fulmars and shearwaters, gulls and terns
Short-tailed Shearwater, Ivory Gull
Distribution

63. BRANDT, J.F. 1837. Observations sur plusieurs especes nouvelles du genre Carbo ou Phalacrocorax que se trouvent dans le Museum de l'Academie des Sciences de St. Petersburg. Bull. Sci. Acad. Imp. Sci. St. Petersb., III, no. 4, Nov. 16, col. 53-57.

"White-crested Cormorant described. Type locality: Kodiak Island." (From Gabrielson and Lincoln, Birds of Alaska, 1959. Original not seen.) CMH

Gulf of Alaska - Kodiak (Kodiak Is.)
Cormorants
Double-crested Cormorant
Specimen record, taxonomy

64. BRAUN, B.M. 1978. **Thermoregulation** in Black-legged Kittiwake young. Pac. Seabird Group Bull. 5(2):88. (Abstract)

The **development** of the thermoregulatory capabilities of one kittiwake chick is reported. MRP

Bering Sea - Pribilof Is.
Gulls and terns
Black-legged Kittiwake
Physiology

65. BRECKENRIDGE, W.J. 1966. Dovekie on Little Diomed Island, Alaska. Auk 83:680.

The author reports the collection of two Dovekies on Little Diomed Island in 1965 and postulates the existence of a small breeding population there. CMH

Bering Sea - Little Diomed Is.
Alcids
Dovekie
Distribution, status

66. BROOKS, J.W., J.C. BARTONEK, D.R. KLEIN, D.L. SPENCER, and A.S. THAYER. 1971. Environmental Influences of Oil and Gas Development in the Arctic Slope and Beaufort Sea. U.S. Fish and Wildl. Serv. Resour. Publ. 96. 24 pp.

This paper describes in general the physical and demographic characteristics, fish and wildlife resources, and anticipated developments of the region, and outlines conflicts which are likely to arise. Recommendations are presented to mitigate environmental disturbance. CMH

Arctic
Seabirds
Management, disturbance, pollution, research

67. BROWN, R.G.B., N.G. BLURTON JONES, and D.J.T. HUSSELL. 1967. The breeding behaviour of Sabine's Gull, Xema sabini. Behaviour 28:110-140.

This paper describes in detail the breeding behavior of the Sabine's Gull, relates it to the species' ecology, and compares it with that of other gulls to clarify taxonomic affinities. CMH

Bering Sea - Yukon Delta (Hooper Bay)
Gulls and terns
Sabine's Gull
Behavior, plumage, anatomy, habitat

68. BUCKLEY, F.G., and P.A. BUCKLEY. 1979. Do Aleutian Terns exhibit extraordinary anti-predator adaptations? Proc. Conf. Colonial Waterbird Group 3:99-107.

This paper describes anti-predator strategies of Aleutian Terns in monospecific and mixed species colonies. MRP

Bering Sea - Norton Sound (Safety Lagoon)
Gulf of Alaska - Copper River (Copper R. Delta)
Gulls and terns
Arctic Tern, Aleutian Tern
Behavior, breeding biology, predation

69. BURRELL, G.C., and L.L. LESCHNER. 1977. A comparison of three species of puffins on Chowiet Island, Alaska. Pac. Seabird Group Bull. 4(1):19. (Abstract)

This paper describes differences in nesting habitat, nesting chronology and success, and growth rates of chicks. Relationships among the feeding ecology, growth rates, and nesting success are discussed. MRP

Gulf of Alaska - Kodiak (Semidi Is.)
Alcids
Rhinoceros Auklet, Horned Puffin, Tufted Puffin
Breeding biology, growth, food

70. BYRD, G.V. 1978. Red-legged Kittiwake colonies in the Aleutian Islands, Alaska. Condor 80:250.

This note describes new breeding colonies of Red-legged Kittiwakes on Buldir Island and Bogoslof Island. MRP

Aleutians- (Buldir Is., Bogoslof Is.)
Gulls and terns
Black-legged Kittiwake, Red-legged Kittiwake
Abundance, distribution

71. BYRD, G.V., and G.J. DIVOKY. 1976. The birds of Bogoslof Island: A recently active volcano. Pac. Seabird Group Bull. 3(1) :33-34. (Abstract)

This paper reviews historical information and presents recent data on the colonization of the island by seabirds. MRP

Aleutians - (Bogoslof Is.)
Storm-petrels, gulls and terns, alcids
Distribution, status

72. BYRD, G.V., and T.G. TOBISH. 1978. Wind-caused mortality in a kittiwake colony at Buldir Island, Alaska. Murrelet 59:37.

This note documents mortality of chicks and adults caused by an unusually severe summer storm. CMH

Aleutians - (Buldir Is.)
Gulls and terns
Black-legged Kittiwake, Red-legged Kittiwake
Mortality

73. CANTWELL, G.G. 1898. A June day on Egg Island. Outing 5: 241-244.

This semi-popular article is a narrative of a short expedition to seabird colonies on several islands in southeastern Alaska. The author includes descriptions of the birds, their burrows, and his subsistence use of their eggs. MRP

Gulf of Alaska - Southeastern
Storm-petrels, gulls and terns, alcids
Public interest

74. CANTWELL, G.G. 1898. Notes on the egg of the Marbled Murrelet. *Auk* 15:49.
- An egg procured from a specimen of the Marbled Murrelet is described. NMH
- Gulf of Alaska - Southeastern (Long Is.)
Alcids
 Marbled Murrelet
 Distribution, specimen record
75. CANTWELL, G.G. 1898. On isolated Alaskan islands. *Osprey* 2:63-65.
- This provides a "description of species noted on a bird rookery 200 miles west of Fort Wrangell." (From Gabrielson and Lincoln, *Birds of Alaska*, 1959. Original not seen.) CMH
- Gulf of Alaska - Southeastern (Wrangell I)
 Seabirds
 Distribution
76. CHICHESTER, N.D. 1908. Report on condition of affairs on St. George Island. August 14, 1905 to June 1, 1906, pp. 47-58. In W. L. Lembkey et al., *Reports Relating to Alaska Seal Fisheries*, Senate Dec. 376, 60th Congr., 1st Sess.
- This report "records in discussion of food of foxes the occurrence of vast numbers of 'Sea Quail' (*Simorhynchus cristatellus*)." (From Gabrielson and Lincoln, *Birds of Alaska*, 1959. Original not seen.) CMH
- Bering Sea - Pribilof Is. (St. George Is.)
Alcids
 Crested Auklet
 Abundance, predation
77. CLINE, D. R., C. WENTWORTH, and T.W. BARRY. 1979. Social and economic values of marine birds. U. S. Fish and Wildl. Serv., Wildl. Res. Rep. 11:173-182.
- This paper reviews the commercial, subsistence, recreational, scientific, and educational values of marine birds. The need for managers to consider all of the uses of marine birds is stressed. MR P
- Alaska
 Seabirds
 Management, subsistence

78. COOKE, M.T. 1943. Returns from banded birds: Some miscellaneous recoveries of interest. *Bird-Banding* 14:67-74.

Mention is made of a Black-footed Albatross banded at Midway and recovered near Cape Omaney, Alaska. CMH

Gulf of Alaska - Southeastern (Cape Omaney)
Albatrosses
Black-footed Albatross
Distribution, migration

79. COOKE, W.W. 1915. Distribution and Migration of North American Gulls and their Allies. U.S. Dept. *Agric. Bull.* 292. 70 pp.

This work "contains a number of pertinent references to Alaskan matters." (From T. J. Cade, 1953, *A Synoptic Bibliography of Alaskan Ornithology*, Univ. Calif. Dept. Zool., Los Angeles. Original not seen.) CMH

Alaska
Gulls and terns
Distribution, migration

80. COTTAM, C., and P. KNAPPEN. 1939. Food of some uncommon North American birds. *Auk* 56:138-169.

This paper provides information on the foods of 47 species of birds, including six species collected in Alaska. CMH

Alaska
Albatrosses, **fulmars** and **shearwaters, alcids**
Black-footed Albatross, Short-tailed Shearwater, Whiskered Auklet
Food

81. COUES, E. 1874. Birds of the Northwest. U.S. Geological Survey of the Territories. Misc. *Publ.* 3. 791 pp.

This work "contains (pp. 696-698) a discussion on the status of the Aleutian Tern." (From Gabrielson and Lincoln, *Birds of Alaska*, 1959. Original not seen.) CMH

Alaska
Gulls and terns
Aleutian Tern
Status

82. CRAIGHEAD, L., and J.J. HICKEY. 1977. A census of Pribilof seabirds: Some aspects of daily ledge attendance. Pac. Seabird Group Bull. 4(1):24. (Abstract)

This describes the techniques used to estimate the numbers of seabirds nesting on ledges and in crevices of cliffs on the Pribilof Islands. MRP

Bering Sea - Pribilof Is.
Seabirds
Techniques

83. CROSSIN, R.S. 1974. The storm-petrels (Hydrobatidae). Smithsonian Contrib. Zool. 158:154-205.

This paper presents information on the pelagic distribution, breeding biology, molt, and taxonomy of storm-petrels. MRP

Alutians
North Pacific
Storm-petrels
Fork-tailed Storm-Petrel, Leach's Storm-Petrel
Distribution, breeding biology, plumage, taxonomy

84. DAMSON, W.L. 1913. The Tufted Puffin. Bird-Lore 15:268-271.

Not reviewed.

Alcids
Tufted Puffin

85. DAY, R.H. 1980. The occurrence and characteristics of plastic pollution in Alaska's marine birds. M.S. thesis. Univ. Alaska, Fairbanks. 111 pp.

This reports on the occurrence and variation of plastic particles found in stomachs of 1,968 individuals comprising 37 species of marine birds. The incidence of plastic is examined in relation to the feeding habits of each species, and trends noted from 1969 to 1977 are discussed. MRP

Alaska
Seabirds
Pollution, food

86. DEAN, F.C., P. VALKENBURG, and A.J. MAGOUN. 1976. Inland migration of **jaegers** in northeastern Alaska. Condor 78:271-273.

This note reports a major spring movement of **jaegers** north through the Brooks Range in May 1972, and discusses the inconsistency in migratory patterns of this group. MRP

Arctic - Beaufort (Canning R.)

Jaegers

Pomarine Jaeger, Parasitic Jaeger, Long-tailed Jaeger

Migration

87. DEGANGE, A.R. 1978. Observations on the Mortality of Seabirds in Japanese Salmon Gill nets Made from the Oshoro Maru and Hokusei Maru, Summer 1978. Unpublished report. U.S. Fish and Wildl. Serv., Anchorage, Alaska. 38 pp.

This report provides information on the incidental catch of seabirds in drift nets set to catch salmon in the Bering Sea and North Pacific Ocean. Estimates of mortality are presented and ways to reduce mortality are discussed. MRP

North Pacific

Bering Sea

Fulmars and shearwaters, storm-petrels, **alcids**

Northern **Fulmar**, Sooty Shearwater, Short-tailed Shearwater, Fork-tailed Storm-Petrel, Thick-billed **Murre**, Ancient **Murrelet**, Horned Puffin, Tufted Puffin

Fishing, mortality, research

88. DEGANGE, A. 1978. Seabird mortality in high seas gill nets. Pac. **Sabird** Group Bull. 5(2) :84. (Abstract)

This reports on **gillnet** mortality of seabirds on the high seas. MRP

North Pacific

Bering Sea

Fulmars and shearwaters, storm-petrels, **alcids**

Northern **Fulmar**, Sooty Shearwater, Short-tailed Shearwater, Fork-tailed Storm-Petrel, Thick-billed **Murre**, Ancient **Murrelet**, Horned Puffin, Tufted Puffin

Mortality, management, fishing

89. DEGANGE, A.R. 1978. An update on the incidental mortality of seabirds in Japanese gillnets. Pac. Seabird Group Bull. 5(2):34-35.

This update presents further information on **gillnet** mortality of seabirds in the Bering Sea. Possible changes in mortality in the future due to a reduction in fishing effort are discussed. MRP

Bering Sea

Fulmars and shearwaters, storm-petrels, **alcids**

Northern Fulmar, Sooty Shearwater, Short-tailed Shearwater, Fork-tailed Storm-Petrel, Thick-billed Murre, Ancient Murrelet, Horned Puffin, Tufted Puffin

Mortality, fishing, management

90. DEGANGE, A. R., and J.W. NELSON. 1978. Additional Studies of Seabirds on the Forrester Island National Wildlife Refuge, 31 May - 17 June, 1977. Unpublished report. U. S. Fish and Wildl. Serv., Anchorage, Alaska. 29 pp.

This is a report of a short-term study of seabirds on the Forrester Island National Wildlife Refuge in 1977. Emphasis was on establishing permanent study plots, and determining breeding densities for comparison in other years. MRP

Gulf of Alaska - Southeastern (Forrester Is1 and NWR)

Fulmars and shearwaters, storm-petrels, **alcids**

Northern Fulmar, Short-tailed Shearwater, Fork-tailed Storm-Petrel, Leach's Storm-Petrel, Common Murre, Cassin's Auklet, Rhinoceros Auklet

Abundance, habitat

91. DEGANGE, A. R., E.E. POSSARDT, and D.A. FRAZER. 1977. The Breeding Biology of Seabirds on the Forrester Island National Wildlife Refuge 15 May to 1 September 1976. Unpublished report. U.S. Fish and Wildl. Serv., Anchorage, Alaska. 62 pp.

This report presents information on the abundance, distribution, and reproductive success of seabirds nesting on Forrester and Petrel Islands. An annotated list of 98 species of birds is included. MRP

Gulf of Alaska - Southeastern (Forrester Is. NWR)

Fulmars and shearwaters, storm-petrels, cormorants, gulls and terns, **alcids**

Annotated list, abundance, habitat, breeding biology, predation, food, growth

92. DEMENT'EV, G. P., and N.A. GLADKOV (eds.). 1951. Birds of the Soviet Union, Vol. 1. [Transl. from Russian.] Israel Prog. Sci. Transl., Jerusalem. 704 pp.

This volume contains natural history accounts of all species of **Phalacrocoracidae** occurring in the Soviet Union. Some information on species occurring in Alaska is included. MRP

Alaska

Cormorants

Abundance, distribution, behavior, breeding biology, food, habitat, migration, status, taxonomy, plumage

93. DEMENT'EV, G. P., and N.A. GLADKOV (eds.). 1951. Birds of the Soviet Union, Vol. 2. [Transl. from Russian.] Israel Prog. Sci. Transl., Jerusalem. 553 pp.

This volume contains natural history accounts of all species of cranes, **alcids**, loons, **grebes**, tubenoses, and herons occurring in the Soviet Union. Some information on species also occurring in Alaska is included. MRP

Alaska

Albatrosses, **fulmars** and shearwaters, storm-petrels, **alcids**

Abundance, distribution, behavior, breeding biology, food, habitat, migration, status, taxonomy, plumage

94. DENSLEY, M. 1977. The Ross' Gull (Rhodostethia rosea) in Arctic Alaska. Polar Record 18:603-605.

The author presents a summary of historical records of this species and discusses his observations of the species near Barrow in late September 1975. REG

Arctic - **Chukchi** (Barrow)

Bering Sea

Gulls and terns

Ross' Gull

Status

95. DENSLEY, M. 1979. Ross' Gulls in Alaska. Br. Birds 72:23-28.

This paper provides a description of the plumage of adult and immature Ross' Gulls at Barrow in autumn 1975, with notes on their flight, feeding behavior, and molt. Feeding associations with Red Phalaropes and Sabine's Gulls are mentioned. CMH

Arctic - Chukchi (Barrow)
Gulls and terns
Ross' Gull, Sabine's Gull
Plumage, behavior, food

96. DICK, M. 1975. Competition between the Pelagic Cormorant and Black-legged Kittiwake and its possible effects. Pac. Seabird Group Bull. 2(1) :33. (Abstract)

This paper compares the reproductive success of cormorants nesting alone with the success of those nesting in kittiwake colonies. Factors possibly responsible for discrepancies are discussed. MRP

Bering Sea - Bristol Bay (Cape Peirce)
Aleutian Islands - (Buldir Is.)
Cormorants, gulls and terns
Pelagic Cormorant, Red-faced Cormorant, Black-legged Kittiwake
Habitat, reproduction

97. DICK, M. 1976. Notes on the Breeding and Other Seabirds in Chiniak and Southern Marmot Bays, Kodiak Island, Alaska, 1975. Unpublished report. U.S. Fish and Wildl. Serv., Anchorage, Alaska. 17 pp.

This report identifies the locations of colonies and reports the number of seabirds breeding in the area. Notes on cormorants, shearwaters, eiders, oystercatchers, murrelets, puffins, guillemots, murrelets, auklets, kittiwakes, gulls, and terns are included. MRP

Gulf of Alaska - Kodiak (Kodiak Is.)
Fulmars and shearwaters, cormorants, gulls and terns, alcids
Abundance, distribution, breeding biology, annotated list

98. DICK, M. 1979. Notes on the winter seabirds of Chiniak Bay, Kodiak Island, Alaska, pp. 492-516. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 3. NOAA, Environ. Res. Lab., Boulder, Colo.

This report presents an annotated list of the 42 species of marine birds observed in Chiniak Bay during the winter of 1976-1977. Information on food habits is presented for a few species. Methods for ageing Marbled Murrelets in winter are suggested. CMH

Gulf of Alaska - Kodiak (Chiniak Bay)
Seabirds
Annotated list, abundance, food, techniques, plumage

99. DICK, M.H., and W. DONALDSON. 1978. Fishing vessel endangered by Crested Auklet landings. Condor 80:235-236.

The authors describe the landing of at least 6,000 Crested Auklets aboard a fishing vessel between Raspberry Island and Kodiak Island on the evening of January 16, 1977. Measurements of birds are presented. MRP

Gulf of Alaska - Kodiak (Kodiak Is.)
Alcids
Crested Auklet
Mortality, behavior, anatomy

100. DICK, M., I.M. WARNER, and R. MACINTOSH. 1976. Small Boat Census of Seabirds: Marmot and Chiniak Bays, Kodiak Island, Alaska, 28 June to 10 August 1975. Unpublished report. U.S. Fish and Wildl. Serv., Anchorage, Alaska. 11 pp.

The authors present data from small boat censuses, and discuss the advantages and disadvantages of censusing by this method. MRP

Gulf of Alaska - Kodiak (Kodiak Is.)
Fulmars and shearwaters, cormorants, jaegers, gulls and terns, alcids
Abundance, techniques

101. **DIVOKY, G.J.** 1972. The pelagic birds and mammals of the Chukchi Sea in fall. M.S. thesis. Michigan State Univ., East Lansing. 97 pp.

This thesis describes the distribution of birds and mammals observed from a vessel in the eastern Chukchi Sea between September 22 and October 17, 1970. Species accounts are presented; the relation of the ice edge to the distribution of birds and their foods is discussed. MRP

Arctic - Chukchi
Seabirds
Distribution, abundance, food, migration

102. **DIVOKY, G.J.** 1975. The association of seabirds with the Arctic pack ice off Alaska. Pac. Seabird Group Bull. 2(1):36. (Abstract)

This paper reports observations of seabirds near the pack ice edge in the Beaufort, Chukchi, and Bering Seas. Concentrations of seabirds were correlated with plankton blooms in and under the ice. MRP

Arctic - Beaufort, Chukchi
Bering Sea
Gulls and terns, alcids
Glaucous Gull, Glaucous-winged Gull, Slaty-backed Gull, Ivory Gull, Black-legged Kittiwake, Ross' Gull, Common Murre, Thick-billed Murre, Black Guillemot
Distribution, food

103. **DIVOKY, G.** 1976. The distribution, abundance and feeding ecology of birds associated with the Bering and Beaufort Sea pack ice, pp. 53-106. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, vol. 3. NOAA, Environ. Res. Lab., Boulder, CO 10.

This initial report includes a preliminary delineation of coastal bird habitat between Cape Lisburne and Demarcation Point, based on physiographic characteristics. Qualitative observations on the densities of seabirds in the Chukchi Sea are presented. The breeding success of Arctic Terns and Black Guillemots on Cooper Island is discussed in relation to food supply. Appended is a paper discussing the pelagic feeding habits of Ivory and Ross' Gulls. CMH

Arctic - Chukchi, Beaufort
Seabirds
Ivory Gull, Ross' Gull, Arctic Tern, Black Guillemot
Habitat, reproduction, food

104. DIVOKY, G.J. 1976. The pelagic feeding habits of Ivory and Ross' Gull. Condor 78:85-90.

Data on the diets of Ross' and Ivory Gulls are presented from analysis of stomach contents. The importance of under-ice fauna as food is discussed. NMH

Arctic - Chukchi
Gulls and terns
Ivory Gull, Ross' Gull
Food, habitat

105. DIVOKY, G.J. 1977. The distribution, abundance and feeding ecology of birds associated with pack ice, pp. 525-573. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 2. NOAA, Environ. Res. Lab., Boulder, Colo.

This report presents preliminary results of a study of the distribution, abundance, and feeding ecology of birds associated with pack ice in the Bering, Chukchi, and Beaufort Seas. Information on distribution and abundance, obtained from shipboard cruises, is discussed. Potential impacts from oil spills are assessed. CMH

Arctic - Chukchi, Beaufort
Bering Sea
Fulmars and shearwaters, storm-petrels, jaegers, gulls and terns,
alcids
Abundance, distribution, food, pollution

106. DIVOKY, G.J. 1978. The distribution, abundance, and feeding ecology of birds associated with pack ice, pp. 167-509. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 2. NOAA, Environ. Res. Lab., Boulder, Colo.

This report maps the distribution and abundance of each species of bird observed during 11 cruises in 1977 in the Bering, Chukchi, and Beaufort Seas. Stomach contents of Black-legged Kittiwakes and Common and Thick-billed Murres are tabulated. An appended report summarizes information on seasonal habitat use, reproductive phenology and success, and foods of birds on Cooper island from 1975 to 1977. Effects of human disturbance are also discussed. CMH

Arctic - Chukchi, Beaufort
Bering Sea
Seabirds
Distribution, abundance, food, habitat, disturbance

107. DIVOKY, G.J. 1979. Sea ice as a factor in seabird distribution and ecology in the Beaufort, Chukchi, and Bering Seas. U. S. Fish and Wildl. Serv., Wildl. Res. Rep. 11:9-17.

This paper discusses the relationship of sea ice to seabirds. The amount of surface area available for feeding and roosting, the reduction of prey abundance due to ice scour, the decrease in productivity of water covered by ice, and the spring plankton bloom are addressed. MRP

Arctic - Beaufort, Chukchi
Bering Sea
Fulmars and shearwaters, storm-petrels, jaegers, gulls and terns,
alcids
Distribution, habitat, food

108. DIVOKY, G. J., and R.J. BOEKELHEIDE. 1978. The breeding biology and population dynamics of the Black Guillemot in northern Alaska. Pac. Seabird Group Bull. 5(2):80. (Abstract)

This paper examines factors influencing the population dynamics of Black Guillemots on Cooper Island. MRP

Arctic - Beaufort (Cooper Is.)
Alcids
Black Guillemot
Breeding biology, population dynamics

109. DIVOKY, G. J., and A.E. GOOD. 1979. The distribution, abundance and feeding ecology of birds associated with pack ice, pp. 330-599. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 1. NOAA, Environ. Res. Lab., Boulder, Colo.

This report presents data from two studies. First, pelagic distribution and abundance are mapped for each species observed during surveys of the Beaufort, Chukchi, and Bering Seas. Densities are analyzed in relation to distance from land. In the second study, ground surveys were conducted at 12 coastal sites to determine seasonal use of habitats by birds. Tables indicate relative abundance in each habitat for all species recorded. Results of aerial surveys provide linear densities of birds along the coast. Age ratios of Glaucous Gulls are discussed. CMH

Arctic
Bering Sea
Seabirds
Annotated list, migration, techniques, abundance, age and sex composition

110. **DIVOKY, G. J., K.L. OAKLEY, and H.R. HUBER.** 1979. **Pomarine Jaeger** preys on adult Black-legged Kittiwake. *Wilson Bull.* 91:329.

This note presents observations of a **Pomarine Jaeger** killing and eating an adult Black-legged Kittiwake in the Bering Sea. MRP

Bering Sea
Jaegers, gulls and terns
Pomarine Jaeger, Black-legged Kittiwake
Food, predation

111. **DIVOKY, G. J., G.W. WATSON, and J.C. BARTONEK.** 1974. Breeding of the Black Guillemot in northern Alaska. *Condor* 76:339-343.

This paper describes the nesting distribution, nest sites, nesting chronology, and production of Black Guillemots. Factors influencing their population dynamics are discussed. MRP

Arctic
Alcids
Black Guillemot
Habitat, population dynamics, reproduction

112. **DRENT, R.H.** 1961. On the supposed nesting of the Rhinoceros Auklet near **Metlakahtla**, Alaska. *Auk* 78:257-258.

A correction is made after an analysis of the literature; the Rhinoceros Auklet has not been observed nesting near **Metlakahtla**, Alaska, but instead near **Metlakatla**, British Columbia. NMH

Gulf of Alaska - Southeastern (Annette Is.)
Alcids
Rhinoceros Auklet
Distribution

113. **DRURY, W.H.** 1976. Seabirds of the Norton Sound area of Alaska. *Pac. Seabird Group Bull.* 3(1):23. (Abstract)

The distribution of breeding seabirds in Norton Sound and the northern Bering Sea is discussed. The physical characteristics of the breeding sites and the two water masses are examined to explain differences in bird distribution. A possible technique for measuring breeding success of kittiwakes is presented. MRP

Bering Sea - Norton Sound
Gulls and terns, **alcids**
Black-legged Kittiwake, Common Murre, Thick-billed Murre
Distribution, techniques, habitat

114. DRURY, W.H. 1976. Seabirds on the south shore of Seward Peninsula, Alaska, pp. 477-554. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports from Principal Investigators, Vol. 2. NOAA, Environ. Res. Lab., Boulder, Colo.

This report presents the initial results of a study of the breeding and feeding ecology of the seabirds of the southern Seward Peninsula. Included are results of a census of colonies along the coast. Annotated accounts of 13 species present varying amounts of information on their distribution, reproductive ecology, and foods. CMH

Bering Sea - Norton Sound (Seward Peninsula)
Cormorants, gulls and terns, alcids
Breeding biology, food, distribution, abundance, pollution

115. DRURY, W.H. 1978. Abundant birds of Beringia. Nat. Hist. 87:46-53.

The geography, topography, climate, high productivity, and avifauna of the Bering Sea are discussed descriptively. NMH

Bering Sea
Seabirds
Public interest

116. DRURY, W.H. 1978. Kittiwake workshop summary. Pac. Seabird Group Bull. 5(1) :22-28.

This paper summarizes results of a workshop held at the Pacific Seabird Group Annual Meeting, January 19-21, 1978. Nesting chronology, clutch size, reproductive success, and food habits are compared for different regions of Alaska. MRP

Alaska
Gulls and terns
Black-legged Kittiwake
Breeding biology, food, population dynamics

117. DRURY, W.H. 1978. Studies of the breeding biology of Black-legged Kittiwakes made between Cape Lisburne and Saint Lawrence Is. and. Pac. Seabird Group Bul. 5(1) :36. (Abstract)

This paper reports on the phenology, reproductive success, food, and postulated causes of reproductive failure of kittiwakes in the northeastern Bering Sea. MRP

Arctic - Kotzebue Sound (Cape Lisburne, Cape Thompson)
Bering Sea - Norton Sound, St. Lawrence Is., Little Diomedes Is.
Gulls and terns
Black-legged Kittiwake
Breeding biology, food

118. DRURY, W.H. 1979. Population dynamics of northern marine birds. U.S. Fish and Wildl. Serv., Wildl. Res. Rep. 11:123-139.

This paper discusses human activities and natural processes that have caused changes in numbers and the distribution of seabirds, and presents a short discussion of theoretical models. Several goals for improving our understanding of the population dynamics and biology of marine birds are identified. MRP

Alaska
Seabirds
Population dynamics, research, management

119. DRURY, W. H., and B.B. STEELE. 1977. Studies of populations, community structure and ecology of marine birds at King Island, Bering Strait Region, Alaska, pp. 75-149. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 5. NOAA, Environ. Res. Lab., Boulder, Colo.

Population estimates are presented for 11 species of seabirds nesting on King Island in 1976. Information on phenology, reproductive success, and food habits is provided for some. Distribution of waterfowl and seabirds at sea is discussed briefly. CMH

Bering Sea - Norton Sound (King Is.)
Cormorants, gulls and terns, alcids
Distribution, migration, habitat, breeding biology

120. DUNN, E.H. 1979. Time-energy use and life history strategies of northern seabirds. U.S. Fish and Wildl. Serv., Wildl. Res. Rep. 11:141-166.

This paper comprehensively reviews information on the life history strategies and annual cycles of northern seabirds, particularly to determine the periods when they are most vulnerable to environmental stress. MRP

Alaska
Seabirds
Physiology, research

121. DWIGHT, J., JR. 1906. Status and plumages of white-winged gulls of the genus Larus. Auk 23:26-43.

The author argues for species recognition of Kumlien's Gull and Nelson's Gull, both now considered nonspecific with Glaucous Gull. He also discusses the Glaucous-winged Gull for comparison. REG

Alaska
Bering Sea - Yukon Delta (St. Michael)
Gulls and terns
Glaucous Gull, Glaucous-winged Gull
Plumage, specimen record, taxonomy

122. DWIGHT, J. 1919. Reasons for discarding a proposed race of the Glaucous Gull (Larus hyperboreus). Auk 36:242-248.

On the basis of meristics and plumage characteristics, the author argues for discarding the proposed barrovianus as a race of the Glaucous Gull. CMH

Arctic
Gulls and terns
Glaucous Gull
Taxonomy, plumage, anatomy

123. DWIGHT, J., JR. 1925. The gulls (*Laridae*) of the world; their plumages, moults, variations, relationships and distribution. Bull. Am. Mus. Nat. Hist. 52:63-401.

This is a classic work on gulls and includes much information pertinent to Alaska. Under a section on synonymy the author discusses one Alaska form, Larus nelsoni, which he considers to be a hybrid form. REG

Alaska
Gulls and terns
Taxonomy, plumage

124. DWYER, T.J., P. ISLEIB, D.A. DAVENPORT, and J.L. HADDOCK. Undated, ca. 1975. Marine Bird Populations in Prince William Sound, Alaska. Unpublished report. U.S. Fish and Wildl. Serv., Anchorage, Alaska. 21 pp.

Data are presented on the species composition and abundance of marine birds in Prince William Sound, Alaska. Shoreline and open water habitats were systematically censused from a fishing boat during the March-April and July-August periods of both 1972 and 1973. Densities and population estimates are provided for the major species in the sound. Accuracy of the survey and potential impacts to avian populations from oil development are discussed. CMH

Gulf of Alaska - Prince William Sound
Seabirds
Abundance, techniques, pollution

125. EAST, B. 1943. Seabird cities of the Aleutians. Nat. Hist. 51:64-71.

The nesting colonies of **alcids** and **kittiwakes** in the Aleutian Islands are described in poetic prose. The subsistence use of seabirds by **Aleuts** prior to World War 11 is discussed. NMH

Aleutians
Cormorants, gulls and terns, **alcids**
Red-faced Cormorant, Glaucous-winged Gull, Black-legged Kittiwake, Red-legged Kittiwake, Common Murre, Parakeet Auklet, Crested Auklet, Least Auklet, Tufted Puffin
Public interest, subsistence

126. EAST, B. 1948. Islands of mist. Fauna 10(3):69-73.
- This article describes the treasured resources of the **Pribilof** Islands. Of particular interest is a description of the spectacular seabird colony then extant on Walrus Island. CMH
- Bering Sea - **Pribilof** Is.
Seabirds
Public interest, status, subsistence
127. EASTERDAY, B.C., S.J. HYLAND, and J.A. ALEXANDER. 1976. Influenza virus infections in Alaskan seabirds. Pac. Seabird Group Bull. 3(1) :24. (Abstract)
- Type A influenza viruses were recovered from 4 of 17 species of birds examined from St. Paul Island and Pt. Barrow. MRP
- Arctic - **Chukchi** (Barrow)
Bering Sea - **Pribilof** Is. (St. Paul Is.)
Seabirds
Disease and parasites
128. EDGAR, R.L. 1968. Catching colonial seabirds for banding. Bird-Banding 39:41-43.
- This note describes the construction and use of a noose device for catching individual seabirds at colonies. REG
- Alaska
Seabirds
Techniques
129. EISENHAUER, J.H., and J. PANIYAK. 1977. Parasitic **Jaegers** prey on adult ptarmigan. Auk 94:389-390.
- This note describes two Parasitic **Jaegers** striking and killing an adult male Willow Ptarmigan. MRP
- Bering Sea - Yukon Delta (**Kashunuk** R.)
Jaegers
Parasitic Jaeger
Food, predation

130. ELDRIDGE, W.D., and K.J. KULETZ. 1979. Chick feeding and adult foraging patterns of Pigeon Guillemots (Cepphus columba) in Prince William Sound, Alaska. Pac. Seabird Group Bull. 6(2) :26. (Abstract)

This paper reports on the foods brought to chicks and the foraging patterns of adult Pigeon Guillemots at Naked Island in 1978 and 1979. MRP

Gulf of Alaska - Prince William Sound (Naked Is.)

Alcids

Pigeon Guillemot

Food

131. ELEY, T.J., JR. 1974. A sight record for Leach's Petrel north of the Aleutian Islands, Alaska. Murrelet 55:44-45.

Two Leach's Storm-Petrels were seen on July 20, 1974, southeast of Hagemeister Island, approximately 400 km north of previous observations in Alaska. REG

Bering Sea - Bristol Bay (Hagemeister Is.)

Storm-petrels

Leach's Storm-Petrel

Distribution

132. EMERSON, W.O. 1906. Oceanodroma leucorhoa and its relatives on the Pacific Coast. Condor 7:53-55.

After examining a small series of skins, including some from Alaska waters, the author proposes two new species of Pacific coast Oceanodroma. Both are currently considered forms of O. leucorhoa. REG

Aleutians

Gulf of Alaska

North Pacific

Storm-petrels

Leach's Storm-Petrel

Taxonomy, distribution, specimen record

133. FISHER, H.I., and J.R. FISHER. 1972. The oceanic distribution of the Laysan Albatross, Diomedea immutabilis. *Wilson Bull.* 84:7-27.

Using band recoveries and specimen and sight records, the authors describe the distribution of this species. REG

Gulf of Alaska
Aleutians
North Pacific
Albatrosses
Laysan Albatross
Distribution

134. FISHER, J. 1952. *The Fulmar*. N.M.N. Collins, London. 496 pp.

In Chapter 2 of this comprehensive book, the author summarizes all information available on the Pacific Northern Fulmar. Included is information on the location of all known breeding colonies, reproductive chronology, pelagic distribution, and the cline in color phases. CMH

Alaska
Fulmars and shearwaters
Northern Fulmar
Distribution, abundance, reproduction, plumage

135. FLOCK, C. 1932. Note on the Arctic Tern in Bristol Bay region, Alaska. *Murrelet* 13:26.

This short note describes predation by Arctic Terns on young salmon. It mentions shooting of adult terns and destruction of their eggs by fishermen, and briefly discusses abundance and habitat use. CMH

Bering Sea - Bristol Bay
Gulls and tern
Arctic Tern
Food, habitat, mortality

136. FLOCK, **W.L.** 1973. Radar observations of bird movements along the Arctic Coast of Alaska. *Wilson Bull.* **85:259-275.**

Movements of birds along the Arctic Coast were studied mainly through the use of six DEW radars. King and Common Eiders are the major species addressed, but information on other water-related birds is included. CMH

Arctic - Beaufort (Lonely, O1 iktok, Barter Is.), **Chukchi** (Pt. Lay, **Wainwright**, Barrow)

Jaegers, gulls and terns

Pomarine Jaeger, Parasitic Jaeger, Glaucous Gull
Migration

137. FLOCK, **W.L.** 1975. Monitoring overwater bird movements by radar. *Pac. Seabird Group Bull.* **2(1):40.** (Abstract)

The author proposes further monitoring of bird migration along coastal Alaska. Factors limiting the use of radar for such studies are briefly reviewed. MRP

Alaska

Seabirds

Techniques, research

138. FORD, **E.R.** 1936. **Kittlitz's Murrelet** breeding at Wales, Alaska. *Auk* **53:214-215**

This note describes the collection of an incubating female and of an egg from a separate incubating bird near Wales in 1934 and 1935, respectively. REG

Bering Sea - Norton Sound (Wales)

Alcids

Kittlitz's Murrelet

Distribution, specimen record

139. FORSELL, D. J., and P. J. GOULD. 1980. Distribution and Abundance of **Seabirds** Wintering in the Kodiak Area of Alaska. Unpublished final report. U.S. Fish and Wildlife Serv., Anchorage, Alaska. 83 pp.

Aerial and shipboard surveys were conducted over coastal and offshore waters of the Kodiak Island archipelago. Annotated accounts are presented for the 58 species of birds observed during the study, which spanned from November 1979 through March 1980. Patterns of distribution are discussed. Data for each species are presented in detailed tables and maps. CMH

Gulf of Alaska - Kodiak
Seabirds

Annotated list, distribution, abundance, habitat

140. FRAME, G. W. 1973. Occurrence of birds in the Beaufort Sea, summer 1969. *Auk* 90:552-563.

This report describes the numbers and distribution of the ten species of birds sighted along a 1,340 statute mile cruise track from August 3 to 15, 1969. Their distribution and abundance are mapped and correlated with water depth, distance from land, and ice cover. REG

Arctic - Beaufort
Jaegers, gulls and terns, **alcids**
Abundance, distribution, habitat

141. FRIEDMANN, H. 1932. Additions to the **avifauna** of St. Lawrence Island, Bering Sea. *Condor* 34:257.

Reported are two specimens of **Dotterel** and one of a Whiskered Auklet in spring 1931. They constitute the first specimens of these species from St. Lawrence Island. REG

Bering Sea - St. Lawrence Is.
Alcids
Whiskered Auklet
Specimen record, distribution

142. FRIEDMANN, H. 1933. The Chinese Cormorant on Kodiak Island, Alaska. Condor 35:30-31.

A humerus of this species (= Great Cormorant, Phalacrocorax carbo) was identified from an "Eskomo midden" on Kodiak. The author also mentions a sight record, probably of this species, from the Commander Islands. REG

Gulf of Alaska - Kodiak (Kodiak Is.)
Cormorants
Great Cormorant
Specimen record, distribution, archaeology

143. FRIEDMANN, H. 1933. Notes on some birds of Goodnews Bay, Alaska. Condor 35:239-240.

This note provides information on specimens collected at Goodnews Bay by D. B. Bull in 1933. MRP

Bering Sea - Yukon Delta (Goodnews Bay)
Gulls and terns
Aleutian Tern
Annotated list, distribution, specimen record

144. FRIEDMANN, H. 1934. The Mongolian Plover and other birds at Goodnews Bay, Alaska. Condor 36:89.

This note records the collection of a Mongolian Plover, Surf-bird, and Kittlitz's Murrelet at Goodnews Bay in 1933. REG

Bering Sea - Yukon Delta (Goodnews Bay)
Alcids
Kittlitz's Murrelet
Distribution, specimen record

145. GABRIELSON, I.N. 1943. Additional bird records from Alaska. Auk 60:604.

The author mentions single specimens of Glaucous, Slaty-backed, and Herring Gull collected from the Aleutians by F. L. Beals between 1940 and 1942. REG

Aleutians - (Atka Is., Sanak Is., Unalaska Is.)
Gulls and terns
Glaucous Gull, Slaty-backed Gull, Herring Gull
Specimen record, distribution

146. GEIST, O.W. 1939. Sea birds found far inland in Alaska. Condor 41:68-70.

The author reports the occurrence of a Crested Auklet and of a Fork-tailed Storm-Petrel far inland, and the weather conditions associated with each incident. He also provides observations on behavior of several species of water birds during a storm at St. Lawrence Island, and briefly discusses possible ties between such behavior and anomalous sightings. CMH

Bering Sea - St. Lawrence Is.
Gulf of Alaska - Cook Inlet (Curry Station)
Interior - Koyukuk (Nulato)
Fork-tailed Storm-Petrel, Crested Auklet
Distribution, behavior

147. GILL, R., JR. 1977. Unusual foraging by a Fork-tailed Storm-Petrel. Auk 94:385-386.

This note reports a Fork-tailed Storm-Petrel feeding on the remains of a gray whale beached at Nelson Lagoon. MR P

Bering Sea - Bristol Bay (Nelson Lagoon)
Storm-petrels
Fork-tailed Storm-Petrel
Food

148. GILL, R., JR. 1978. Unusual nesting habitat of Tufted Puffin. Pac. Seabird Group Bull. 5(1):40. (Abstract)

This paper describes nesting chronology, habitat, and success of Tufted Puffins breeding on small sand islands subject to tidal inundation. MRP

Bering Sea - Bristol Bay (Nelson Lagoon)
Alcids
Tufted Puffin
Reproduction, habitat

149. GILL, R., JR., and M. DICK. 1977. A look at the current breeding distribution and abundance of the Aleutian Tern in North America. Pac. Seabird Group Bul 1. 4(1) :22-23. (Abstract)

This paper summarizes the most recent data on the breeding distribution and abundance of Aleutian Terns in North America. MRP

Alaska
Gulls and terns
Aleutian Tern
Distribution, abundance

150. GILL, R., JR., C. HANDEL, and M. PETERSEN. 1979. Migration of birds in Alaska marine habitats, pp. 245-288. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 5. NOAA, Environ. Res. Lab., Boulder, Colo.

This report summarizes published and unpublished information on spring and fall migration routes and staging areas. The species addressed are those thought to be highly vulnerable to oil contamination in Alaska marine waters. REG

Alaska
Fulmars and shearwaters, cormorants, gulls and terns, alcids
Sooty Shearwater, Short-tailed Shearwater, Pelagic Cormorant,
Red-faced Cormorant, Black-legged Kittiwake, Common Murre,
Tufted Puffin
Migration, habitat, pollution

151. GILL, R., M. PETERSEN, C. HANDEL, J. NELSON, A. DEGANGE, A. FUKUYAMA, and G. SANGER. 1978. Avifaunal assessment of Nelson Lagoon, Port Moller, and Herendeen Bay, Alaska - 1977, pp. 69-131. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 3. NOAA, Environ. Res. Lab., Boulder, Colo.

The distribution and abundance of waterfowl and shorebirds along the northcentral Alaska Peninsula are reported, with maps showing critical feeding and roosting areas. Information on the reproductive success of Common Eiders and Glaucous-winged Gulls is also included. Appended are three papers presented to the Pacific Seabird group in 1977, including: "Unusual nest site selection by Tufted Puffins." CMH

Bering Sea - Bristol Bay (Nelson Lagoon, Herendeen Bay)
Gulls and terns, alcids
Glaucous-winged Gull, Tufted Puffin
Reproduction, abundance, habitat, growth

152. GILL, R., JR., and G.A. SANGER. 1979. Tufted Puffins nesting in estuarine habitat. *Auk* 96:792-794.

This note describes the nesting chronology, habitat, and success of Tufted Puffins breeding on small sand islands subject to tidal inundation. MRP

Bering Sea - Bristol Bay (Nelson Lagoon)

Alcids

Tufted Puffin

Habitat, reproduction

153. GOULD, J. 1843. (On nine new birds collected during the voyage of H.M.S. Sulphur). *Proc. Zool. Soc. London* 11:103-108.

This paper includes a description of Larus brachyrhynchus (= L. canus brachyrhynchus, Mew Gull) from Alaska. (From Gabrielson and Lincoln, *Birds of Alaska*, 1959. Original not seen.) CMH

Alaska

Gulls and terns

Mew Gull

Specimen record

154. GOULD, P.J. 1977. Seabirds - Alaska to Hawaii. *Pac. Seabird Group Bull.* 4(1):21. (Abstract)

This report summarizes seabird observations along 158°W longitude from the Alaska Peninsula to Oahu between October 23 and November 7, 1976. Three general distribution patterns are recognized and discussed. MRP

Gulf of Alaska

North Pacific

Seabirds

Distribution

155. GOULD, P.J. 1977. Shipboard surveys of marine birds, pp. 193-284. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 3. NOAA, Environ. Res. Lab., Boulder, Colo.

This reports a preliminary analysis of observations of birds during 43 shipboard cruises in Alaska waters in 1976 and 1977. Relative abundance is summarized for each species by region and month. Distribution and abundance are mapped by month for all species combined. Seasonal mean densities are compared for offshore regions. CMH

Alaska
Seabirds
Distribution, abundance

156. GRINNELL, J. 1897. Notes on Marbled Murrelet. Osprey 1:115-117.

This entertaining note presents observations of the behavior, plumage, and anatomy of Marbled Murrelets. Use of wings for swimming underwater is described. MRP

Gulf of Alaska - Southeastern (Sitka Bay)
Alcids
Marbled Murrelet
Behavior, plumage, anatomy

157. GRINNELL, J. 1897. Petrels of Sitka, Alaska. Nidologist 4:76-78.

In this note, the author describes the storm-petrel colony on St. Lazaria Island during the breeding season. Dimensions of eggs and a description of the nocturnal behavior of adults are also presented. MRP

Gulf of Alaska - Southeastern (St. Lazaria Is.)
Storm-petrels
Fork-tailed Storm-Petrel, Leach's Storm-Petrel
Specimen record, behavior

158. GRINNELL, J. G., and F.H. TEST. 1939. Geographic variation in the Fork-tailed Petrel. Condor 41:170-172.

Following examination of a series of skins of Oceanodroma furcata from the northern and southern limits of its range, the authors propose that two forms be recognized: O. f. furcata from the Bering Sea, and O. f. plumbea occurring from the Alexander Archipelago in southeastern Alaska, south to Humboldt County, California. REG

Aleutians
Bering Sea
Gulf of Alaska
Storm-petrels
Fork-tailed Storm-Petrel
Taxonomy, distribution

159. GUDKOV, V. M. 1962. Relationship between the distribution of zooplankton, sea birds and baleen whales. Trudy Inst. Okeanol. 58:298-313. [Transl. from Russian, U.S. Dept. Navy, Naval Oceanogr. Office, Washington, D.C., 1974.]

Not reviewed.

Alaska
Seabirds
Distribution

160. GUZMAN, J. 1979. Molt in Sooty Shearwater (Puffinus griseus) and Short-tailed Shearwater (P. tenuirostris) in the North Pacific Ocean and Bering Sea. Pac. Seabird Group Bull. 6(2):28. (Abstract)

This paper describes molt in shearwaters during the summers of 1975 to 1977, and discusses the adaptive significance of the timing of molt. MRP

Bering Sea
North Pacific
Fulmars and shearwaters
Sooty Shearwater, Short-tailed Shearwater
Plumage

161. GUZMAN, J., and M.T. MYERS. 1977. Distribution of Puffinus griseus and P. tenuirostris in the Gulf of Alaska and Bering Sea. Pac. Seabird Group Bul 1. 4(1) :22. (Abstract)

The distribution of Sooty and Short-tailed Shearwaters in the Gulf of Alaska and Bristol Bay during summers 1975 and 1976 is described and discussed in relation to zones of productivity.
MRP

Bering Sea - Bristol Bay
Gulf of Alaska
Fulmars and shearwaters
Sooty Shearwater, Short-tailed Shearwater
Abundance, distribution

162. HANDEL, C.M. 1979. Preliminary Assessment of Impacts to Bird Resources from the Grounding of the F/V Ryuyo Maru No. 2 on St. Paul Island, Alaska. Unpublished report. U.S. Fish and Wildlife Serv., Anchorage, Alaska. 17 pp.

This report presents observations of oil contamination in Salt Lagoon on St. Paul Island after the grounding of the F/V Ryuyo Maru No. 2 on November 8, 1979. The impact on the birds and other marine life is discussed. MRP

Bering Sea - **Pribilof** Is. (St. Paul Is.)
Gulls and terns, **alcids**
Glaucous-winged Gull, Common Murre, Thick-billed Murre, Crested Auklet
Pollution, checklist

163. HANNA, W.C. 1961. Second specimen of the Dovekie from Alaska. Condor 63:338.

This note reports on the collection of a Dovekie on Little Diomed Island in 1948. CMH

Bering - Little Diomed Is.
Alcids
Dovekie
Distribution, specimen record

164. HARRISON, C.S. 1977. Aerial surveys of marine birds, pp. 285-593. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 3. NOAA, Environ. Res. Lab., Boulder, Colo.

This report analyzes results of aerial surveys over Alaska offshore waters between January and October 1976. Summaries of census data are presented by species, by month, and by oceanographic region in 34 tables. Monthly distribution and abundance data are mapped by species for the Beaufort, Chukchi, and Bering Seas in 171 figures. For the Gulf of Alaska, data are mapped by month for all species combined. Observations are briefly discussed. CMH

Alaska
Seabirds
Distribution, abundance

165. HARRISON, C.S. 1978. The association of marine birds and feeding gray whales. Pac. Seabird Group Bull. 5(2):71. (Abstract)

This paper discusses observations of marine birds associating with feeding gray whales, which were bringing benthic food items to the surface. The importance of this food source to birds is discussed. MRP

Arctic - Chukchi
Bering Sea
Fulmars and shearwaters, gulls and terns, alcids
Food, behavior

166. HARRISON, C.S. 1979. The association of marine birds and feeding gray whales. Condor 81:93-95.

The author describes a community of at least nine species of marine birds suspected of being partially supported by an association with feeding gray whales in the Bering and Chukchi Seas. REG

Arctic - Chukchi
Bering Sea
Fulmars and shearwaters, gulls and terns, alcids
Food, behavior

167. HATCH, S. 1977. Breeding biology of **fulmars** at **Semidi Islands**, Alaska, pp. 110-154. In Environmental Assessment of the Alaskan Continental Shelf, **Annual** Reports of Principal Investigators, vol. 4. NOAA, Environ. Res. Lab., Boulder, **Colo.**

This report presents results of the first year of a study on the population dynamics and breeding biology of the Northern **Fulmar** on the **Semidi Islands**. CMH

Gulf of Alaska - Kodiak (**Semidi Is.**)
Fulmars and shearwaters
Northern **Fulmar**
Breeding biology, abundance, habitat, growth

- 168* HATCH, S.A. 1978. Breeding and population ecology of **fulmars** at **Semidi Islands**, Alaska, with observations on the reproduction of **sympatric seabird** species, pp. 132-207. In Environmental Assessment of the Alaskan Continental Shelf, **Annual** Reports of Principal Investigators, Vol. 3. NOAA, Environ. Res. Lab., Boulder, **Colo.**

This report summarizes results of the second year of a study on the reproductive ecology and population dynamics of the Northern **Fulmar**. Abundance, **phenology**, and reproductive success are discussed for 12 other species of seabirds. Information on colony attendance and chick growth is presented for some. CMH

Gulf of Alaska - Kodiak (**Semidi Is.**)
Fulmars and shearwaters, cormorants, **jaegers**, gulls and terns, **alcids**
Reproduction, breeding biology, population dynamics, growth, abundance, plumage

169. HATCH, S.A. 1979. Breeding and population ecology of Northern **Fulmars** (**Fulmarus glacialis**) at **Semidi Islands**, Alaska. M.S. thesis. Univ. Alaska, Fairbanks. 125 pp.

This comprehensive thesis presents information on the breeding **biology**, ecology, and population dynamics of Northern **Fulmars**. MRP

Gulf of Alaska - Kodiak (**Semidi Is.**)
Fulmars and shearwaters
Northern **Fulmar**
Breeding **biology**, population dynamics, plumage, growth

170. HATCH, S. 1979. Breeding phenology and productivity in a recently expanded population of Black-legged Kittiwakes. Pac. Seabird Group Bull. 6(2):27 (Abstract)

This paper discusses the breeding chronology and productivity of an expanding colony of Black-legged Kittiwakes. Marked differences between subgroups in the population were observed, and possible explanations are discussed. MRP

Gulf of Alaska - Northern Gulf (Middleton Is.)
Gulls and terns
Black-legged Kittiwake
Reproduction, population dynamics

171. HATCH, S.A., D.R. NYSEWANDER, A.R. DEGANGE, M.R. PETERSEN, P.A. BAIRD, K.D. WOHL, and C.J. LENSINK. 1978. Population dynamics and trophic relationships of marine birds in the Gulf of Alaska and southern Bering Sea, pp. 1-68. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 3. NOAA, Environ. Res. Lab., Boulder, Colo.

This report presents a brief synopsis of the results of studies conducted during summer 1977 at one site in the Bering Sea and at seven sites in the Gulf of Alaska. Information on breeding distribution, abundance, habitat, phenology, success, and feeding ecology is summarized for 16 species of marine birds. CMH

Gulf of Alaska
Bering Sea
Seabirds
Distribution, abundance, reproduction, food, habitat

172. HATCH, S. A., T.W. PEARSON, and P.J. GOULD. 1979. Reproductive ecology of seabirds at Middleton Island, Alaska, pp. 233-308. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 2. NOAA, Environ. Res. Lab., Boulder, Colo.

Aspects of reproductive ecology and food habits are discussed for seven species. Recent changes in populations of several species are discussed in relation to habitat use, breeding phenology, and reproductive performance. Breeding phenology and food habits at Middleton Island are compared with those at other colonies in the Gulf of Alaska. CMH

Gulf of Alaska - Northern Gulf (Middleton Is.)

Cormorants, gulls and terns, **alcids**

Pelagic Cormorant, Glaucous-winged Gull, Black-legged Kittiwake, Common Murre, Thick-billed Murre, Rhinoceros Auklet, Tufted Puffin

Reproduction, abundance, habitat, status, population dynamics, food, growth

173. HEATH, Ho 1913. Rare bird thought extinct found by Stanfordite. *Oologist* 30:264.

The author records the discovery of a colony of Rhinoceros Auklets in southeastern Alaska. (From Gabrielson and Lincoln, Birds of Alaska, 1959. Original not seen.) CMH

Gulf of Alaska - Southeastern

Alcids

Rhinoceros Auklet

Distribution

174. HENSHAW, H.W. 1884. On a new gull from Alaska. *Auk* 1:250-252.

The author describes the type specimen of Larus nelsoni, now considered a hypothetical species (*A.O.U. Checklist, 1935*). CMH

Bering Sea - Norton Sound (St. Michael)

Gulls and terns

Taxonomy, plumage, specimen record

175. HERSEY, F.S. 1916. Concerning the occurrence of the Western and other gulls in southeastern Alaska. Auk 33:432.

The author provides details of the occurrence of five species of gulls following a ship in southeastern Alaska. CMH

Gulf of Alaska - Southeastern
Gulls and terns
Glaucous-winged Gull, Western Gull, Herring Gull, California
Gull, Ring-billed Gull
Distribution

176. HERSEY, F.S. 1920. The probable breeding of the Aleutian Tern in southeastern Alaska - A query. Condor 22:203-204.

The author questions the identification of terns (S. aleutica) reported nesting in southeastern Alaska. Several distinguishing characteristics are presented for comparing S. aleutica and S. paradisaea. REG

Gulf of Alaska - Copper River (Yakutat)
Gulls and terns
Arctic Tern, Aleutian Tern
Distribution, behavior, plumage

177. HIBBEN, F.C., MRS. 1942. Pacific Eider nesting at Glacier Bay, Alaska. Condor 44:182.

This note provides the first breeding record of the Pacific Common Eider in Glacier Bay. Several seabirds were also observed nesting there, including Horned and Tufted Puffins, Glaucous-winged Gulls, and Pigeon Guillemots. CMH

Gulf of Alaska - Southeastern (Glacier Bay)
Gulls and terns, **alcids**
Glaucous-winged Gull, Pigeon Guillemot, Horned Puffin, Tufted
Puffin
Distribution

178. HICKEY, J.J. 1976. A census of seabirds on the Pribilof Islands, pp. 55-104. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, vol. 2. NOAA, Environ. Res. Lab., Boulder, Colo.

This report presents and discusses ledge attendance counts and flight counts of seabirds nesting on St. George Island in 1975. Census techniques are discussed in detail. CMH

Bering Sea - Pribilof Is. (St. George Is.)
Fulmars and shearwaters, cormorants, gulls and terns, alcids
Northern Fulmar, Red-faced Cormorant, Black-legged Kittiwake,
Red-legged Kittiwake, Common Murre, Thick-billed Murre,
Parakeet Auklet, Crested Auklet, Least Auklet, Horned Puffin, Tufted Puffin
Abundance, techniques

179. HICKEY, J.J., and F.L. CRAIGHEAD. 1977. A census of seabirds on the Pribilof Islands, pp. 96-195. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 2. NOAA, Environ. Res. Lab., Boulder, Colo.

This report provides population estimates for 11 species of seabirds nesting on the Pribilof Islands. Attendance patterns and other factors affecting census techniques are discussed. The estimates are based on a two-year effort. CMH

Bering Sea - Pribilof Is.
Fulmars and shearwaters, cormorants, gulls and terns, alcids
Northern Fulmar, Red-faced Cormorant, Black-legged Kittiwake,
Red-legged Kittiwake, Common Murre, Thick-billed Murre,
Parakeet Auklet, Crested Auklet, Least Auklet, Horned Puffin, Tufted Puffin
Abundance, habitat, techniques

180. HOBERG, E.P. 1977. Studies of seabird parasites from Ugaiushak Island, Alaska, pp. 278-293. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 3. NOAA, Environ. Res. Lab., Boulder, Colo.

This report presents a preliminary analysis of the occurrence of helminth parasites in nine species of seabirds collected primarily near Ugaiushak Island. CMH

Gulf of Alaska - Kodiak (Ugaiushak Is.)
Fulmars shearwaters, gulls and terns, alcids
Northern Fulmar, Glaucous-winged Gull, Black-legged Kittiwake,
Common Murre, Thick-billed Murre, Pigeon Guillemot,
Rhinoceros Auklet, Horned Puffin, Tufted Puffin
Disease and parasites

181. HOBERG, E.P. 1979. Helminth parasites of marine birds (Charadriiformes: Alcidae and Laridae) occurring in the North Pacific Ocean and Gulf of Alaska. M.S. thesis. Univ. Saskatchewan, Saskatoon. 121 pp.

This thesis describes the helminth parasites from 436 birds collected from four locations in Alaska. MRP

Gulf of Alaska
North Pacific
Gulls and terns, alcids
Disease and parasites

182. HOEMAN, J.V. 1965. Marbled Murrelet breeding record from Kodiak. Bull. Alaska Ornithol. Soc. 5:9. (Mimeo)

This note reports the flushing of a Marbled Murrelet from its nest on an alpine ridge (Pyramid Peak) of Kodiak Island in 1962 and the subsequent collection of the egg. The nest and egg are described. Weight and measurements of the egg are provided. CMH

Gulf of Alaska - Kodiak (Kodiak Is.)
Alcids
Marbled Murrelet
Distribution, specimen record, habitat

183. HOGAN, M.E., and W.A. COLGATE. 1980. Birds of Coastal Habitats in Port Valdez and Valdez Arm, Alaska. Unpublished report. U.S. Fish and Wildl. Serv., Office of Special Studies, Anchorage, Alaska. 58 pp.

This report presents data on the use of coastal and marine habitats by birds in Port Valdez and Valdez Arm in summer and winter. Results of censuses conducted over various habitats are discussed. Information on reproductive phenology and success is presented for Glaucous-winged Gulls, Black-legged Kittiwakes, and Arctic Terns. Observations of waterfowl broods are provided and discussed. Recommendations are made for protecting critical habitats in the area from possible impacts of oil development. CMH

Gulf of Alaska - Prince William Sound (Port Valdez, Valdez Arm)
Gulls and terns
Glaucous-winged Gull, Black-legged Kittiwake, Arctic Tern
Reproduction, habitat, abundance, pollution, checklist

184. HOLMES, R.T. 1968. A Dovekie on the Pribilof Islands, Alaska. Condor 70:86.

This note records the observation of a single Dovekie on St. George Island in July 1958. CMH

Bering Sea - Pribilof Is. (St. George Is.)

Alcids

Dovekie

Distribution

185. HOLTAN, L.H. 1980. Nesting Habitat and Ecology of Aleutian Terns on the Copper River Delta, Alaska. Unpublished final report. U.S. Forest Service, Pac. Northwest Forest and Range Expt. Station, Portland, Oregon. 85 pp.

Not reviewed.

Gulf of Alaska - Copper River (Copper R. Delta)

Gulls and terns

Aleutian Tern

Breeding biology

186. HOUT, J.L., and C.J. LENSINK. 1968. Survey of Waterfowl Populations and Habitat on Nelson Island, Alaska. Unpublished progress report. Bureau of Sport Fisheries and Wildlife, Bethel, Alaska. 24 pp.

This report summarizes results of aerial surveys, provides a description of habitat, and gives information on the production of waterfowl. Included are observations of other nesting species. MRP

Bering Sea - Yukon Delta (Nelson Is.)

Jaegers, gulls and terns

Long-tailed Jaeger, Glaucous Gull, Herring Gull, Sabine's Gull, Arctic Tern

Habitat, abundance, distribution, reproduction

187. HUBBARD, J., and W. FLOCK. 1979. Spring migration at Cape Prince of Wales, Alaska. Pac. Seabird Group Bull. 6(2):41. (Abstract)

This paper reports on visual and radar observations of spring migration near Wales during May and early June 1978. Murres, Black-legged Kittiwakes, Black Brant, Common Eiders, and Oldsquaw were the primary species observed. Factors affecting the timing of migration are discussed. MRP

Bering Sea - Norton Sound (Cape Prince of Wales)
Gulls and terns, alcids
Migration

188. HUEY, L.M. 1931. Three note-worthy bird records from Barrow, Alaska. Condor 33:36-37.

A Kittlitz's Murrelet is among the specimens of birds referred to in this note. REG

Arctic - Chukchi (Barrow)
Alcids
Kittlitz's Murrelet
Specimen record, distribution

189. HUNT, G.L., JR. 1976. The reproductive ecology, foods, and foraging areas of seabirds nesting on St. Paul Island, Pribilof Islands, pp. 155-270. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, vol. 2. NOAA, Environ. Res. Lab., Boulder, Colo.

This report presents preliminary results of a study of 11 species of seabirds nesting on the Pribilof Islands. Included is information on reproductive ecology, foods, distribution of foraging seabirds around the islands, and a preliminary survey of Otter and Walrus Islands. Potential impacts from oil contamination are discussed. CMH

Bering Sea - Pribilof Is.
Fulmars and shearwaters, cormorants, gulls and terns, alcids
Northern Fulmar, Red-faced Cormorant, Black-legged Kittiwake, Red-legged Kittiwake, Common Murre, Thick-billed Murre, Parakeet Auklet, Crested Auklet, Least Auklet, Horned Puffin, Tufted Puffin
Reproduction, growth, food, status, pollution, distribution, abundance

190. HUNT, G.L., JR. 1977. Reproductive ecology, foods, and foraging areas of seabirds nesting on the Pribilof Islands, pp. 196-382. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 2. NOAA, Environ. Res. Lab., Boulder, Colo.

This report summarizes results of the second year of study on the reproductive and feeding ecology of seabirds nesting on the Pribilof Islands. Effects of helicopter disturbance and potential impacts from oil development are also discussed. CMH

Bering Sea - Pribilof Is.

Fulmars and shearwaters, cormorants, gulls and terns, alcids
Northern Fulmar, Red-faced Cormorant, Black-legged Kittiwake,
Red-legged Kittiwake, Common Murre, Thick-billed Murre,
Parakeet Auklet, Crested Auklet, Least Auklet, Horned
Puffin, Tufted Puffin

Reproduction, food, disturbance, abundance, growth, pollution

191. HUNT, G.L. 1978. The future of the Pribilof Island seabird colonies. Pac. Seabird Group Bull. 5(2):36-38.

This article expresses concern for the future of the seabird colonies of the Pribilof Islands, and identifies a need for awareness of human impacts. MRP

Bering Sea - Pribilof Is.

Seabirds

Management, subsistence

192. HUNT, G., Z. EPPLEY, and W. DRURY. 1979. Breeding distribution and reproductive biology of marine birds of the eastern Bering Sea. Pac. Seabird Group Bull. 6(2):40. (Abstract)

This paper summarizes the data available on the distribution and breeding biology of seabirds in the region, and draws broad conclusions about the distribution of breeding species, colony size, and stability of productivity in these colonies. MRP

Bering Sea

Seabirds

Distribution, reproduction

193. HUNT, G. L., JR., and M.W. HUNT. 1977. Aspects of the reproductive biology of Red-legged Kittiwakes (Rissa brevirostris and R. tridactyla) [sic] on the Pribilof Islands. Pac. Seabird Group Bull. 4(1):24. (Abstract)

This paper reports on a two-year study of kittiwakes on the Pribilof Islands. Nesting chronology, hatching success, and fledging success are compared for the two species. Causes of chick mortality are discussed. MRP

Bering Sea - Pribilof Is.
Gulls and terns
Black-legged Kittiwake, Red-legged Kittiwake
Habitat, reproduction, mortality

194. HUNT, G., JR., B. MAYER, W. RODSTROM, and R. SQUIBB. 1978. Reproductive ecology, foods, and foraging areas of seabirds nesting on the Pribilof Islands, pp. 570-775. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 1. NOAA, Environ. Res. Lab., Boulder, Colo.

This report summarizes detailed information on the reproductive and feeding ecology of 11 species of seabirds studied from 1975 to 1977. Shearwaters, storm-petrels, Glaucous-winged Gulls, and Red Phalaropes are also mentioned. Potential impacts from oil development are discussed. CMH

Bering Sea - Pribilof Is.
Seabirds
Reproduction, food, growth, disturbance, pollution, distribution, abundance

195. HUNT, G.L., R. SQUIBB, and M.R. PETERSEN. 1978. Reproductive ecology of Black-legged Kittiwakes, southeastern Bering Sea 1975-1977. Pac. Seabird Group Bull. 5(1):36-37. (Abstract)

This paper reports on geographic and annual differences in nesting chronology, hatching success, and productivity. MRP

Bering Sea - Bristol Bay (Cape Peirce), Pribilof Is. (St. George Is., St. Paul Is.)
Gulls and terns
Black-legged Kittiwake
Reproduction

196. HUNT, G. L., and M.C. THOMPSON. 1977. Black-legged Kittiwakes nesting on snowbank. Wilson Bull. 89:616-618.

This note describes nest building by Black-legged Kittiwakes on a snowbank on St. Paul Island. MRP

Bering Sea - Pribilof Is. (St. Paul Is.)
Gulls and terns
Black-legged Kittiwake
Habitat

197. IRVING, L. 1955. Nocturnal decline in the temperature of birds in cold weather. Condor 57:362-365.

The body temperatures of seven species of birds captured in Alaska and held in captivity at Anchorage were examined at various times of day. REG

Alaska
Gulls and terns
Glaucous Gull, Glaucous-winged Gull
Physiology

198. IRVING, L., C.P. MCROY, and J.J. BURNS. 1970. Birds observed during a cruise in the ice-covered Bering Sea in March 1968. Condor 72:110-112.

Included are annotated accounts of 12 species plus brief comments on their distribution and foraging in relation to the ice margin. REG

Bering Sea
Albatrosses, fulmars and shearwaters, gulls and terns, alcids
Annotated list, distribution, habitat

199. ISLEIB, M. E., and T. EBERHARDT. 1975. Marine Bird Shipboard Survey in the Gulf of Alaska and along Ocean Route from Seattle, 27 January to 4 March 1978. Unpublished report. U.S. Fish and Wildl. Serv., Anchorage, Alaska. 24 pp.

The authors discuss census techniques and results from a cruise in the northeastern Gulf of Alaska. Primary groups of species observed include loons, gulls, alcids, fulmars, storm-petrels, cormorants, and scoters. MRP

Gulf of Alaska
Fulmars and shearwaters, storm-petrels, cormorants, gulls and terns, alcids
Annotated list, abundance, distribution

200. JAQUES, F.L. 1930. Water birds observed on the Arctic Ocean and the Bering Sea, in 1928. *Auk* 47:353-366.

This paper presents an annotated list of 76 species of birds observed during the **Stoll-McCracken** Expedition of the American Museum of Natural History to the Arctic Ocean. Observations were collected between May 4 and October 9, 1928. MRP

Gulf of Alaska
North Pacific
Arctic - **Chukchi**
Aleutians
Bering Sea - Bristol Bay, Norton Sound
Seabirds
Annotated list, distribution

201. JOHNSON, S.R. 1974. First specimen of a robin (*Turdus migratorius*) and three important sight records from St. Lawrence Island, Bering Sea, Alaska. *Condor* 76:108.

Sight records of the Whiskered Auklet, Lesser Yellowlegs, Upland Sandpiper, and **American Robin** on St. Lawrence Island are noted.
NMH

Bering Sea - St. Lawrence Is.
Alcids
Whiskered Auklet
Annotated list, distribution

202. JOHNSON, S.R. 1978. Beaufort Sea barrier island - lagoon ecological process studies. Section 2. **Avian** ecology in Simpson Lagoon, 1977, pp. 467-586. In Environmental Assessment of the Alaskan Continental Shelf, **Annual** Reports of Principal Investigators, Vol. 7. NOAA, Environ. Res. Lab., Boulder, **Colo.**

This report addresses the migration, breeding, feeding, staging, and molting of birds at Simpson Lagoon in summer 1977. Tables summarize information on spring and **fall** migration for the 60 species of birds observed. Nesting densities and reproductive success are summarized for the 13 species breeding in the area. More detailed information on molt, staging, and feeding is presented for **Oldsquaws**, gulls, terns, and **phalaropes**. Possible effects of disturbance are briefly discussed. CMH

Arctic - Beaufort (Simpson Lagoon)
Gulls and terns
Glaucous Gull
Habitat, food, abundance, migration, disturbance

203. JOHNSON, S.R. 1979. Beaufort Sea barrier island - lagoon ecological process studies. Part 1. **Avian ecology in Simpson Lagoon, Beaufort Sea, Alaska**, pp. 238-362. In Environmental Assessment of the Alaskan Continental Shelf, **Annual Reports of Principal Investigators**, Vol. 6. NOAA, Environ. Res. Lab., Boulder, **Colo.**

This report compares information gathered in 1977 and 1978 to assess the importance to birds of barrier island/lagoon systems. Timing of migration is summarized for 63 species, and nesting densities are presented. The majority of the report addresses habitat use by molting Oldsquaws, and pre-migratory staging of shorebirds, gulls, and terns. Results of feeding studies are presented for Oldsquaws, phalaropes, and Glaucous Gulls. CMH

Arctic - Beaufort (Simpson Lagoon)
Seabirds, gulls and terns
Glaucous Gull
Food, habitat, abundance, migration

204. JOHNSON, S. R., and G.C. WEST. 1975. Growth and development of heart regulation in nestlings, and metabolism of adult Common and Thick-billed Murres. **Ornis Stand. 6:109-115.**

This paper describes the growth and development of thermal regulation of Common and Thick-billed Murre chicks on St. Lawrence Island. The adaptations of adults and chicks to low ambient temperatures are discussed. MRP

Bering Sea - St. Lawrence Is.
Alcids
Common Murre, Thick-billed Murre
Physiology

205. JOHNSTON, D.W. 1961. Timing of annual molt in the Glaucous Gulls of northern Alaska. **Condor 63:474-477.**

The author discusses the timing of nesting and molt in relation to each other and to the compressed summer period in the Arctic. REG

Arctic - Kotzebue Sound (Cape Thompson)
Gulls and terns
Glaucous gull
Plumage

206. JOHNSTON, D.W. 1964. Ecologic aspects of lipid deposition in some postbreeding Arctic birds. *Ecology* 45:848-852.

This paper discusses possible correlations among lipid levels, timing of migration, and migratory routes of five species of postbreeding Arctic birds, including the American Golden Plover, Western Sandpiper, and Arctic Tern. CMH

Arctic - Kotzebue Sound (Cape Thompson)
Gulls and terns
Arctic Tern
Migration, physiology

207. JONES, R. D., JR. 1963. Buldir Island, site of a remnant breeding population of Aleutian Canada Geese. *Wildfowl* 14:80-84.

This paper reports recent observations of a remnant breeding population of Aleutian Canada Geese on Buldir Island. The island's topography, climate, habitat, and avian and mammalian populations are described. Increased hunting pressure and the introduction of blue foxes to the breeding grounds are assessed as reasons for the decline of the race. CMH

Aleutians - (Buldir Is.)
Storm-petrels, jaegers, gulls and terns, alcids
Parasitic Jaeger, Glaucous-winged Gull, Black-legged Kittiwake,
Thick-billed Murre, Least Auklet
Habitat, distribution

208. JONES, R. D., JR., and G.V. BYRD. 1979. Interrelations between seabirds and introduced animals. U.S. Fish and Wildl. Serv., Wildl. Res. Rep. 11:221-226.

This paper reviews the information available on the effects of introduced animals on insular seabird populations. The need for research on the ecological consequences of animal introductions to islands is stressed. MRP

Alaska
Seabirds
Predation, research

209. JONES, R.D., JR., and M.R. PETERSEN. 1979. The pelagic birds of Tuxedni Wilderness, Alaska, pp. 187-232. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 2. NOAA, Environ. Res. Lab., Boulder, Colo.

Aspects of reproductive ecology are discussed for four species, particularly Black-legged Kittiwakes and Horned Puffins. Food, predation, disturbance and ectoparasites are assessed as factors influencing production. An annotated list summarizes observations of the 119 species recorded on the islands in 1970, 1971, and 1978. CMH

Gulf of Alaska- Cook Inlet (Tuxedni Wilderness)

Gulls and terns, **alcids**

Glaucous-winged Gull, Black-legged Kittiwake, Common Murre, Horned Puffin

Abundance, reproduction, food, growth, predation, disease and parasites, annotated list

210. JONES, R. D., M.R. PETERSEN, C. SLATER, and J. BURKE-OGAN. 1980. The Pelagic Birds of Chisik and Duck Islands. Unpublished report. U.S. Fish and Wildl. Serv., Anchorage, Alaska. 33 pp.

During a two-year study of seabirds on the Tuxedni Wilderness, nesting distribution, abundance, and productivity were determined for several species. A simulation model was used to test the effects of known reproductive failures on the kittiwake population. REG

Gulf of Alaska - Cook Inlet (Chisik Is., Duck Is.)

Gulls and terns, **alcids**

Glaucous-winged Gull, Black-legged Kittiwake, Common Murre, Horned Puffin

Abundance, reproduction, food, growth, habitat, predation, disease and parasites, population dynamics

211. KENYON, K.W. 1949. Distribution of the Pacific Kittiwake in November and December of 1948. Condor 51:188.

The author notes areas of concentrations of Black-legged Kittiwakes encountered during a winter cruise in the North Pacific and Bering Sea. Age segregation in distribution is noted, and a fall migration route is suggested. CMH

Gulf of Alaska
North Pacific
Bering Sea
Gulls and terns
Black-legged Kittiwake
Distribution, abundance, migration

212. KENYON, K.W. 1949. Fur seals and murre chicks. Condor 51:273-274.

The subject of fur seals eating birds is discussed and an instance of murre chicks swimming, unharmed, among a mass of seals is described. REG

Bering Sea - Pribilof Is. (St. Paul Is.)
Alcids
Common Murre
Behavior, predation

213. KENYON, K.W. 1950. Distribution of albatrosses in the North Pacific and adjacent waters. Condor 52:97-103.

The author summarizes observations on the distribution and abundance of albatrosses encountered during shipboard cruises between 1947 and 1949. Some notes on behavior are presented. CMH

Gulf of Alaska
Aleutians
North Pacific
Bering Sea
Albatrosses
Short-tailed Albatross, Black-footed Albatross, Laysan Albatross
Distribution, behavior, abundance

214. KENYON, K.W., and R.E. PHILLIPS. 1965. Birds from the Pribilof Islands and vicinity. *Auk* 82:624-635.

This paper annotates observations of 34 species recorded between 1947 and 1954. Included are one new record for North America, 9 first records for the Pribilofs, and records of 12 other species rarely seen on the islands. More detailed information is presented on the status of populations of Glaucous-winged Gulls, Red-legged and Black-legged Kittiwakes, and Common Murres. Nesting chronology, abundance, and behavior are compared for the two kittiwakes. A few notes from the Aleutians are included. CMH

Bering Sea - Pribilof Is.

Aleutians

Fulmars and shearwaters, storm-petrels, gulls and terns, alcids

Annotated list, status, reproduction, behavior

215. KING, J.G. 1973. The neglect of sea bird conservation. *Alaska Conserv. Rev.* 14(4):12-13.

The author discusses the unique seabird fauna of the North Pacific, and its vulnerability to oil contamination. He then describes the Pacific Seabird Group, recently formed to help coordinate a professional research effort. NMH

Alaska

Seabirds

Research, pollution, public interest

216. KING, J. G., and C.J. LENSINK. 1971. An Evaluation of Alaska Habitat for Migratory Birds. Unpublished report. U. S. Dept. Int., Bur. Sport Fish. Wildl., Washington, D.C. 72 pp.

This paper evaluates the importance of habitats in Alaska to migratory birds, and identifies areas of the state where birds may be threatened by pollution and development. NMH

Alaska

Seabirds

Distribution, abundance, habitat, migration, pollution

217. KING, J.G., G.E. MARSHALL, J.H. BRANSON, F.H. FAY, and W. ALLEN. 1974. Alaskan Pelagic Bird Observations and a Data Bank Proposal. Unpublished report. U.S. Fish and Wildl. Serv., Juneau, Alaska. 16 pp.

Simple instructions and standard format are presented for taking observations at sea. A data bank is proposed. MRP

Alaska
Seabirds
Techniques

218. KING, J.G., G. MARSHALL, J.H. BRANSON, F.H. FAY, and W. ALLEN. 1975. Alaska pelagic bird observations and a data bank proposal. Pac. Seabird Group Bul 1. 2(1) :37-38. (Abstract)

Simple instructions and standard format were developed for taking observations at sea. A data bank is proposed. MRP

Alaska
Seabirds
Techniques

219. KING, J.G., and G.A. SANGER. 1979. Oil vulnerability index for marine oriented birds. U.S. Fish and Wildl. Serv., Wildl. Res. Rep. 11:277-239.

This paper presents a method to indicate the relative vulnerability of a marine bird species to oil pollution and related impacts of oil development. Each of 176 species of birds using marine habitats in Washington, Alaska, and British Columbia is ranked on the basis of 20 factors that affect its survival. The needs for such a system as a management tool are discussed. MRP

Alaska
Seabirds
Management, pollution

220. KING, W.B., R.G.B. BROWN, and G.A. SANGER. 1979. Mortality to marine birds through commercial fishing. U.S. Fish and Wildl. Serv., Wildl. Res. Rep. 11:195-199.

This paper reviews the information available on seabird mortality incidental to longline and gillnet fishing, and discusses possible implications to the well-being of seabird populations. Possible impacts from the developing Atlantic capelin fishery are also discussed. MRP

Alaska
Seabirds
Fishing, mortality

221. KOZLOVA, E.V. 1957. Fauna of U.S.S.R., Birds, Vol. 2(3), Charadriiformes: Suborder Alcae. [Transl. from Russian.] Israel Progr. Sci. Transl., Jerusalem. 140 pp.

This volume examines in detail the plumage, functional morphology, and radiation of the **alcids**, based mainly on studies of specimens at the Zoological Institute of the Academy of Sciences of the USSR. However, information on distribution, ecology, and behavior, much of which was gathered in Alaska, is also synthesized. CMH

Alaska
Alcids
plumage, taxonomy, anatomy, distribution, migration, breeding biology, food, bibliography

222. KRASNOW, L.D., G.A. SANGER, and D.W. WISWAR. 1979. Nearshore feeding ecology of marine birds in the Kodiak area, 1978, pp. 348-394. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 2. NOAA, Environ. Res. Lab., Boulder, CO10.

This report presents preliminary results of a study on the seasonal feeding habits of marine birds near Kodiak Island. The aggregate percent volume of prey is presented for four species collected in winter and for seven collected in summer. Possible impacts of petroleum development on prey species are briefly discussed. CMH

Gulf of Alaska - Kodiak (Kodiak Is.)
Fulmars and **shearwaters**, gulls and terns, **alcids**
Sooty Shearwater, Short-tailed Shearwater, Black-legged Kittiwake, Common Murre, Pigeon Guillemot, Marbled Murrelet, Tufted Puffin
Food, pollution

223. KUROCHIN, E.N. 1963. Distribution of some seabirds in the North Pacific. [In Russian with English summary.] *Zool. Zh.* 42: 1223-1231.

This paper summarizes observations of 47 species of birds recorded during a cruise in fall 1961 in the Bering Sea, North Pacific, and western Gulf of Alaska. The author discusses the importance of food, temperature, seasonal migration, and faunal affinities in determining the distribution of seabirds. CMH

Gulf of Alaska
North Pacific
Bering Sea
Seabirds
Distribution, habitat, migration, food, zoogeography

224. KURODA, N. 1955. Observations on pelagic birds of the northwest Pacific. *Condor* 57:290-300.

This paper presents an annotated list of the 44 species of birds observed during a summer cruise between Japan and the western Bering Sea and North Pacific. Population densities are estimated by the number of birds observed per hour, and bird distribution is correlated with air and water temperatures. Forty-one of the species observed are water-associated. CMH

North Pacific
Bering Sea
Seabirds
Annotated list, distribution, habitat, abundance

225. KURODA, N. 1957. A brief note on the pelagic migration of the **Tubinares**. Misc. Rept. Yamashina's Inst. Ornith. *Zool.* 11: 436-449.

This note remarks upon environmental influences on migration in the **Tubinares**. The importance of currents as carriers of the birds' food supply is discussed, as is the role of wind in orientation. Major migration routes are mapped. NMH

North Pacific
Albatrosses, fulmars and shearwaters, storm-petrels
Migration, food

226. KURODA, N. 1960. Analysis of sea bird distribution in the northwest Pacific Ocean. Pac. Sci. 14:55-67.

This paper analyzes the distribution of seabirds encountered on a cruise in summer 1954 between the western Bering Sea and Japan. Ocean currents, water and air temperatures, zoogeography, and food supplies are considered. Maps showing the distribution and abundance of each species observed are included. CMH

Aleutians
Bering Sea

Seabirds

Distribution, abundance, habitat, food, zoogeography

227. LADD, W.N. 1978. The new migratory bird treaty between the United States and Union of Soviet Socialist Republics. Pac. Seabird Group Bull. 5(2):39-57.

This article summarizes the provisions that differ from those in previous treaties and are significant to managing marine birds. Disturbance, subsistence use, and habitat protection are addressed. The full treaty is included. MRP

Alaska
Seabirds
Management

228. LAING, H.M. 1925. Birds collected and observed during the cruise of the Thiepval in the North Pacific, 1924. Can. Dept. Mines Mus. Bull. 40:1-46.

This paper provides an annotated list of the 112 species or subspecies collected and observed on a cruise in the North Pacific. The ship traveled from Vancouver, B.C., to Japan via the Alaska coast and Aleutians in spring, and returned via a more offshore route through the Bering Sea and North Pacific in late summer. Sixty of those species recorded are water-related forms. CMH

Gulf of Alaska
Aleutians
North Pacific
Bering Sea
Seabirds
Annotated list

229. LEHNHAUSEN, W. 1978. Habitat utilization by Tufted Puffins on Fish Island, Alaska. Pac. Seabird Group Bull. 5(1):39-40. (Abstract)

This paper describes nesting habitats used by Tufted Puffins on Fish Island during 1976 and 1977, and compares them with those used by other **alcids** on the island. Habitat selection is discussed in relation to the presence of predators. MRP

Gulf of Alaska - Prince William Sound (Fish Is.)

Alcids

Pigeon Guillemot, Parakeet Auklet, Horned Puffin, Tufted Puffin
Habitat, reproduction

230. LEHNHAUSEN, W.A. 1980. Nesting habitat relationships of four species of **alcids** at Fish Island, Alaska. M.S. thesis. Univ. Alaska, Fairbanks. 134 pp.

This thesis investigates the nesting habitat relationships of four species of **alcids** to determine if competition exists for nest sites on Fish Island. It examines in detail habitat characteristics, breeding chronology, seasonal and diurnal activity patterns, body size and flight capabilities, and interspecific behavioral interactions. A checklist giving the status of the 118 species of birds observed during summers 1976 and 1977 is appended. CMH

Gulf of Alaska - Prince William Sound (Fish Is.)

Alcids

Pigeon Guillemot, Parakeet Auklet, Horned Puffin, Tufted Puffin
Habitat, behavior, anatomy, reproduction, checklist

231. LENSINK, C.J. 1978. PSG meetings aid federal marine bird programs. Pac. Seabird Group Bull. 5(1):18-19.

This article gives a brief overview of the importance of the Pacific Seabird Group in stimulating and supporting research on **seabirds**. MRP

Alaska
Seabirds
Public interest

232. LENSINK, C. J., and J.C. BARTONEK. 1976. Population dynamics of marine birds, pp. 345-361. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 4. NOAA, Environ. Res. Lab., Boulder, Colo.

This paper briefly reviews existing information on Alaska marine birds and describes the research conducted in 1975 and 1976 on each species. CMH

Alaska
Seabirds
Research

233. LENSINK, C. J., and J.C. BARTONEK. 1976. Seasonal distribution and abundance of marine birds: Part 1. Shipboard surveys, pp. 107-644. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 3. NOAA, Environ. Res. Lab., Boulder, Colo.

This report summarizes observations of marine birds during 21 cruises in Alaska offshore waters in 1975. Data are summarized by species, month, and oceanographic region in 165 tables. Monthly summaries of densities of all birds are depicted on 12 maps. CMH

Alaska
Seabirds
Abundance, distribution

234. LENSINK, C. J., J.C. BARTONEK, and C.S. HARRISON. 1976. Seasonal distribution and abundance of marine birds: Part 2. Aerial surveys, pp. 1-98. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, vol. 4. NOAA, Environ. Res. Lab., Boulder, Colo.

This report summarizes census data obtained from 11 offshore surveys conducted in 1972, 1973, and 1975. Summaries are presented by species, 3-month interval, and oceanographic region in 23 tables. Quarterly summaries of total bird densities are presented on 4 maps. CMH

Alaska
Seabirds
Distribution, abundance

235. LENSINK, C.J., J.C. BARTONEK, and G.A. SANGER. 1976. Feeding ecology and trophic relationships of Alaskan marine birds, pp. 321-344. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 4. NOAA, Environ. Res. Lab., Boulder, Colo.

This report presents data from preliminary analyses of the contents of 83 stomachs of 14 species of seabirds. Frequency of occurrence of major prey items and ranges in weights of the contents are presented. CMH

Alaska
Albatrosses, fulmars and shearwaters, storm-petrels, gulls and terns, alcids
Food

236. LENSINK, C.J., P.J. GOULD, and G.A. SANGER. 1979. Population dynamics and trophic relationships of marine birds in the Gulf of Alaska, pp. 7-20. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, vol. 2. NOAA, Environ. Res. Lab., Boulder, Colo.

This paper identifies and briefly summarizes results of six studies conducted in the Gulf of Alaska in 1978. CMH

Gulf of Alaska
Seabirds
Research, population dynamics, distribution, abundance, breeding biology, food

237. LESCHNER, L.L., and G. BURRELL. 197?. Populations and ecology of marine birds on the Semidi Islands, pp. 13-109. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 4. NOAA, Environ. Res. Lab., Boulder, Colo.

This paper discusses observations on the populations, breeding biology, and foods of 19 species of marine birds during summer 1976. A checklist presents the breeding status of the 54 species of birds observed, CMH

Gulf of Alaska - Kodiak (Semidi Is.)
Storm-petrels, cormorants, gulls and terns, alcids
Reproduction, food, abundance, checklist

238. LIVINGSTON, P. 1980. Marine Bird Information Synthesis. Unpublished report. NWAFC Processed Report 80-2. Natl. Mar. Fish. Serv., Northwest and Alaska Fisheries Center, Seattle, Washington. 25 pp.

This report includes a set of tables synthesizing information from other sources on the oceanic distribution of seabirds, their diets, and their body sizes. From this synthesis the author presents gross estimates of the annual consumption of foods by seabirds in Alaska waters south of Bering Strait. CMH

Gulf of Alaska
Aleutians
North Pacific
Bering Sea

Fulmars and shearwaters, storm-petrels, cormorants, gulls and terns, alcids

Abundance, distribution, food

239. LOOMIS, L.M. 1900. California water birds, V. Proc. Calif. Acad. Sci. (3rd ser.) 2:349-363.

On page 356 there is a brief reference to a specimen of Pigeon Guillemot from Kodiak. (From T. J. Cade, 1953, A Synoptic Bibliography of Alaskan Ornithology, Univ. Calif. Dept. Zool., Los Angeles. Original not seen.) CMH

Gulf of Alaska - Kodiak (Kodiak Is.)
Alcids

Pigeon Guillemot
Specimen record

240. LOOMIS, L.M. 1918. A review of the albatrosses, petrels, and diving petrels. Proc. Calif. Acad. Sci., 4th ser., 2, pt. 2:1-187.

"Reference is made to specimens of Pterodroma inexpectata, Oceanodroma leucorhoa, and O. furcata from Alaska." (From Gabrielson and Lincoln, Birds of Alaska, 1959. Original not seen.) CMH

Alaska
Fulmars and shearwaters, storm-petrels
Scaled Petrel, Fork-tailed Storm-Petrel, Leach's Storm-Petrel
Specimen record

241. LUCAS, F.A. 1901. Walrus Island, a bird metropolis of Bering Sea. Bird-Lore 3:45-49.

Not reviewed.

Bering Sea - Pribilof Is. (Walrus Is.)
Seabirds
Public interest

242. LUTZ, J.E. 1889. Report of J.E. Lutz, pp. 28-35. In Report of the Cruise of the Revenue Marine Steamer Corwin in the Arctic Ocean in 1884. Govt. Print. Off., Washington, D.C.

The author provides a list of specimens, mostly eggs, collected on Otter Island in early June 1884. REG

Bering Sea - Pribilof Is. (Otter Is.)
Gulls and terns, cormorants, **alcids**
Red-faced Cormorant, Black-legged Kittiwake, Red-legged Kittiwake, Common Murre, Parakeet Auklet, Crested Auklet, Horned Puffin, Tufted Puffin
Specimen record

243. MACLEAN, S. F., JR., and N. A. M. VERBEEK. 1968. Nesting of the Black Guillemot at Point Barrow, Alaska. Auk 85:139-140.

This note describes two nesting attempts by this species near Barrow, and discusses the importance of man-made structures as suitable nesting sites. REG

Arctic - Chukchi (Barrow)
Alcids
Black Guillemot
Status, distribution, habitat

244. MAHER, W.J. 1960. The relationship of the nesting density and breeding success of the Pomarine Jaeger to the population level of the brown Lemming at Barrow, Alaska. Proc. Alaska Sci. Conf. 11:24-25.

The dynamics of Pomarine Jaeger predation on Lemmings is discussed. The author presents the nesting densities and success of **jaegers** in relation to the densities of Lemmings for nine consecutive years. NMH

Arctic - Chukchi (Barrow)
Jaegers
Pomarine Jaeger
Food, reproduction

245. MAHER, W.J. 1962. The ecology of the Pomarine, Parasitic, and Long-tailed Jaegers in northern Alaska. Ph.D. thesis. Univ. Calif., Berkeley.

Not reviewed.

Arctic

Jaegers

Pomarine Jaeger, Parasitic Jaeger, Long-tailed Jaeger

Breeding biology, population dynamics, food, predation, growth

246. MAHER, W.J. 1970. The Pomarine Jaeger as a brown Lemming predator in northern Alaska. Wilson Bull. 82:130-157.

This paper reports on food habits, breeding density, and breeding success of Pomarine Jaeger populations and relates these aspects of the jaeger cycle to the brown Lemming population. REG

Arctic - Chukchi (Barrow, Wainwright, Cape Sabine)

Jaegers

Pomarine Jaeger

Breeding biology, food, population dynamics

247. MAHER, W.J. 1974. Ecology of Pomarine, Parasitic, and Long-tailed Jaegers in Northern Alaska. Pac. Coast Avifauna 37. 148 pp*

This monograph discusses the breeding ecology of the three species of jaeger nesting in northern Alaska. Factors limiting distribution of species and ecological adaptations are discussed.

MRP

Arctic

Jaegers

Pomarine Jaeger, Parasitic Jaeger, Long-tailed Jaeger

Breeding biology, food, population dynamics

248. MAILLIARD, Jo 1898. Notes on the nesting of the Fork-tailed Petrel (*Oceanodroma furcata*). Auk 15:230-233.

Observations on the nesting of Fork-tailed and Leach's Storm-Petrels on St. Lázaria Island in 1896 are provided. REG

Gulf of Alaska - Southeastern (St. Lázaria Is.)

Storm-petrels

Fork-tailed Storm-Petrel, Leach's Storm-Petrel

Breeding biology, habitat

249. MAILLIARD, J. 1923. An explanation of a seeming discrepancy. Condor 25:108.

The author notes that on St. **Lazaria** Island Fork-tailed Storm-Petrels may be found nesting alone or in burrows with Leach's Storm-Petrels depending on the habitat surveyed. CMH

Gulf of Alaska - Southeastern (St. **Lazaria** Is.)
Storm-petrels
Fork-tailed Storm-Petrel, Leach's Storm-Petrel
Habitat

250. MANNING, T.H. 1964. Geographical and sexual variation in the Long-tailed Jaeger, **Stercorarius longicaudus** Vieillot. Biol. Pap. Univ. Alaska 7. 16 Pp.

Following an examination of specimens, the author suggests that **Nearctic** and **Palaearctic** Long-tailed **Jaegers** can be separated into races by the amount of pigmentation. Sexual differences in measurements and pigmentation are also examined. NMH

Alaska
Jaegers
Long-tailed Jaeger
Taxonomy, plumage

251. MANUWAL, D.A. 1980. Breeding Biology of Seabirds on the Barren Islands, Alaska. Unpublished final report. U.S. Fish and Wildl. Serv., Anchorage, Alaska. 195 pp.

This report summarizes a study of the breeding biology of **sea**-birds on the Barren Islands from 1976 to 1979. The report discusses local distribution, abundance, and nesting requirements of breeding seabirds; productivity; types and quantities of food consumed by selected species; and the effect of future oil development on their status. MRP

Gulf of Alaska - Kodiak (Barren Is.)
Storm-petrels, cormorants; gulls and terns, **alcids**
Abundance, distribution, breeding biology, predation, pollution,
food

252. MANUWAL, D. A. (CHAIRMAN), D. ANDERSON, G. KNODER, D. NETTLESHIP, and S.G. SEALY. 1975. **Seabird** Colony Census Techniques (Preliminary Draft). Pac. Seabird Group, **Comm. Colony Censusing**, Univ. Washington, College Forest Resources, **Wildl. Sci. Group**, Seattle. 18 pp.

This report provides standardized techniques for **censusing** 42 species of colonial seabirds along the Pacific Coast of North America. CMH

Alaska
Seabirds
Techniques

253. MANUWAL, D. A., and R.W. CAMPBELL. 1979. Status and distribution of breeding seabirds of southeastern Alaska, British Columbia, and Washington. U.S. Fish and **Wildl. Serv.**, **Wildl. Res. Rep.** 11: 73-91.

This paper reviews current breeding seabird population estimates, nest-site preferences, and population changes for southeastern Alaska, British Columbia, and Washington. Important research needs are identified. MRP

Gulf of Alaska - Southeastern
Seabirds
Status, abundance, distribution, habitat, research

254. MANUWAL, D. A., and N.J. MANUWAL. 1978. Behavior, habitat use, and time budget of the Parakeet Auklet in the Barren Islands, Alaska. Pac. Seabird Group Bull. **5(1):51-52**. (Abstract)

This paper describes nesting, loafing, and staging habitats; displays; and time and energy budgets of Parakeet Auklets in the Barren Islands. Habitat use during various stages of the breeding cycle is described. MRP

Gulf of Alaska - Kodiak (Barren Is.)
Alcids
Parakeet Auklet
Habitat, behavior

255. MANUWAL, D.A., and N.J. MANUWAL. 1979. Habitat specific behavior of the Parakeet Auklet in the Barren Islands, Alaska. West. Birds 10:189-200.

The authors discuss basic behavior patterns of this species and relate them to the reproductive cycle and components of the nesting environment. The study was conducted on East Amatuli Island in 1976. REG

Gulf of Alaska - Kodiak (Barren Is.)

Alcids

Parakeet Auklet

Habitat, behavior

256. MCKNIGHT, D.E., and C.E. KNOEDER. 1979. Resource development along coasts and on the ocean floor: Potential conflicts with marine bird conservation. U.S. Fish and Wildl. Serv., Wildl. Res. Rep. 11:183-194.

This paper discusses the potential for disastrous and irrecoverable losses to northern marine bird populations and identifies research needs. MRP

Alaska

Seabirds

Pollution, research

257. MICKELSON, P.G., J.S. HAWKINS, D.R. HERTER, and S.M. MURPHY. 1980. Habitat Use by Birds and other Wildlife on the Eastern Copper River Delta, Alaska. Unpublished report. Alaska Coop. Wildl. Res. Unit, Univ. Alaska, Fairbanks. 189 pp.

During a study of nesting and migrating birds on the eastern Copper River Delta in 1978 and 1979, the authors determined habitat preferences, distribution, abundance, and phenology for the avifauna of the area. Critical habitats are identified and recommendations made for future surveillance and management of populations. Detailed information is presented for Dusky Canada Geese, Sandhill Cranes, and shorebirds. REG

Gulf of Alaska - Copper River (eastern Copper R. Delta)

Cormorants, jaegers, gulls and terns, alcids

Double-crested Cormorant, Parasitic Jaeger, Glaucous-winged Gull, Mew Gull, Bonaparte's Gull, Arctic Tern, Aleutian Tern

Abundance, breeding biology, distribution, food, habitat, management, migration, predation, status, reproduction, checklist

258. MICKELSON, P.G., W. LEHNHAUSEN, and S.E. QUINLAN. 1978. Community structure of seabirds of Wooded Islands, Alaska, pp. 680-772. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 3. NOAA, Environ. Res. Lab., Boulder, Colo.

Information gathered in summer 1977 on abundance, habitat use, and reproductive ecology is presented for 10 species of seabirds, with emphasis on storm-petrels and Tufted Puffins. Tables present the status of all species of birds observed in 1976 and 1977. Information on abundance and **phenology** is included for some species. The susceptibility of each species to oil pollution is assessed. CMH

Gulf of Alaska - Prince William Sound (Wooded Is.)
Storm-petrels, cormorants, gulls and terns, **alcids**
Abundance, breeding biology, reproduction, habitat, food, status, predation, distribution, checklist

259. MICKELSON, P.G., W.A. LEHNHAUSEN, S.E. QUINLAN, and J.M. SHERWOOD. 1977. Seabirds of the Wooded Islands, Alaska, pp. 421-499. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 4. NOAA, Environ. Res. Lab., Boulder, Colo.

This report presents information on the abundance and breeding biology of seabirds nesting on the Wooded Islands in 1976. Tables list the other species observed on the islands and their breeding status. The abundance of species occurring in littoral and marine areas is briefly noted. Potential effects of oil pollution and disturbance are discussed. CMH

Gulf of Alaska - Prince William Sound (Wooded Is.)
Storm-petrels, cormorants, gulls and terns, **alcids**
Abundance, breeding biology, reproduction, pollution, disturbance, checklist

260. MOE, R.A., and P.A. BAIRD. 1978. Some notes on the feeding ecology of the Tufted Puffin (Lunda cirrhata) in the Sitkalidak Strait region of Kodiak Island, Alaska, during the 1977 breeding season. Pac. Seabird Group Bull. 5(1):42. (Abstract)

This paper presents data on the food habits of adult puffins and the fish brought by adults to young in burrows. MRP

Gulf of Alaska - Kodiak (Kodiak Is.)
Alcids
Tufted Puffin
Food

261. MOE, R.A., and R.H. DAY. 1979. Populations and ecology of sea-birds of the Koniuji Group, Shumagin Islands, Alaska, pp. 395-491. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 2. NOAA, Environ. Res. Lab., Boulder, Colo.

The distribution and abundance of 20 species of marine birds nesting in this group of islands are summarized and mapped. Information on breeding biology and feeding ecology is presented for 17 and 11 species, respectively. CMH

North Pacific - (Shumagin Is.)
Storm-petrels, cormorants, gulls and terns, alcids
Abundance, distribution, reproduction, habitat, food

262. MOE, A., D. WEHLE, M. HATCH, L. LESCHNER, B. LAWHEAD, G. BURRELL, K. POWERS, G. DIVOKY, R. DAY, and E. HOBERG. 1978. The breeding success of the Black-legged Kittiwake (*Rissa tridactyla*) in the southwestern Gulf of Alaska, 1974, 1976-1977. Pac. Seabird Group Bull. 5(1):37. (Abstract)

This paper compares and discusses factors influencing the breeding success of Black-legged Kittiwakes at Ugaiushak Island, Chowiet Island, and Big Koniuji Island. MRP

Gulf of Alaska - Kodiak (Ugaiushak Is., Chowiet Is., Big Koniuji Is.)
Gulls and terns
Black-legged Kittiwake
Reproduction

263. MORGAN, K.R., C.V. PAGANELLI, and H. RAHN. 1978. Egg weight loss and nest humidity during incubation in two Alaskan gulls. Condor 80:272-275.

This paper reports the water loss, water vapor conductance, and temperature of eggs of Glaucous-winged Gulls and Black-legged Kittiwakes, and calculates the nest humidity and the ventilation required to remove water vapor from the nest. MRP

Gulf of Alaska - Cook Inlet (Kachemak Bay)
Gulls and terns
Glaucous-winged Gull, Black-legged Kittiwake
Physiology

264. MOSSMAN, A.S. 1958. Selective predation of Glaucous-winged Gulls upon adult red salmon. Ecology 39:482-486.

Glaucous-winged Gulls killed proportionately many more female than male red salmon and were more likely to eviscerate female salmon than males. The mechanisms driving this selection are discussed. REG

Bering Sea - Bristol Bay (Aleknagik L.)
Gulls and terns
Glaucous-winged Gull
Food

265. MOSSMAN, A.S. 1959. Notes on gull and tern food habits in Alaska. Proc. Alaska Sci. Conf. 10:86-87. (Abstract)

Gull and tern predation on young salmon is briefly discussed. The population dynamics of predator and prey, and the potential for the birds having a depressant effect on the salmon population is mentioned. NMH

Alaska
Gulls and terns
Glaucous-winged Gull, Mew Gull, Arctic Tern
Food

266. MOTODA, S., and T. TUJII. 1956. Report from the Oshoro Maru on oceanographic and biological investigations in the Bering Sea and northern North Pacific in summer of 1955. I. Programme of investigations and records of eye observations of seabirds and marine mammals. Bull. Fat. Fish. Hokkaido Univ. 6(4) :280-297.

Not reviewed.

Bering Sea
North Pacific
Seabirds
Distribution

267. MOYLE, P. 1966. Feeding behavior of the Glaucous-winged Gull on an Alaskan salmon stream. *Wilson Bull.* 78:175-190.

This paper, based on field work in 1963 and 1964, presents descriptions of several displays of this species and discusses feeding habits, interaction with bears, and the role of juvenile gulls in the feeding regime. REG

Gulf of Alaska - Prince William Sound (Olsen Creek)
Gulls and terns
Glaucous-winged Gull, Mew Gull, Bonaparte's Gull
Behavior, food

268. MURDOCH, J. 1899. A historical notice of Ross's Gull (Rhodostethia rosea). *Auk* 16:146-155.

The author summarizes specimen records of this species and describes his efforts to secure specimens at Barrow between 1881 and 1883. REG

Arctic - Chukchi (Barrow)
Gulls and terns
Ross' Gull
Specimen record, migration, distribution, plumage

269. MURIE, O.J. 1940. Food habits of the northern Bald Eagle in the Aleutian Islands, Alaska. *Condor* 42:198-202.

In 1936 and 1937, food items were collected and identified from 28 Bald Eagle nests. Among the identifiable food items were remains of 24 species of water-associated birds, mostly **alcids**, gulls, and **fulmars**. REG

Aleutians - (Amak Is., Sankin Is.)
Fulmars and shearwaters, storm-petrels, cormorants, gulls and terns, **alcids**
Predation

270. MURIE, O.J. 1945. Larus ridibundus sibericus from the Aleutian Islands. *Auk* 62:313.

This note records the collection of the first specimen of the Siberian Black-headed Gull in North America. CMH

Aleutians
Gulls and terns
Black-headed Gull
Distribution, plumage, specimen record

271. MURPHY, E.C. 1979. Monitoring Populations of Breeding Seabirds. Unpublished final report. U.S. Fish and Wildl. Serv., Anchorage, Alaska. 75 pp.

This report analyzes census data for murre and Black-legged Kittiwakes at Cape Thompson between 1960 and 1976. Census techniques are discussed. MRP

Arctic - Kotzebue Sound (Cape Thompson)
Gulls and terns, **alcids**
Black-legged Kittiwake, Common Murre, Thick-billed Murre
Techniques, abundance

272. MUSACCHIA, X.J. 1949. A study of the glucose content of the blood of Pomarine Jaegers from the Point Barrow region of Alaska. Anat. Rec. 105:619.

Not reviewed.

Arctic - Chukchi (Barrow)
Jaegers
Pomarine Jaeger
Physiology

273. MYRES, M.T. 1979. Long-term climatic and oceanographic cycles regulating seabird distributions and numbers. U.S. Fish and Wildl. Serv., Wildl. Res. Rep. 11:3-7.

This paper discusses the need to consider fluctuations in seabird numbers as possible responses to short-term or long-term climatic or oceanographic changes. CMH

Alaska
Seabirds
Distribution, abundance, status, research

274. MYRES, M. T., and J. GUZMAN. 1976. Ecology and behavior of southern hemisphere shearwaters (Genus Puffinus) and other seabirds, when over the outer continental shelf of the Bering Sea and Gulf of Alaska during the northern summer, pp. 1-52. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 3. NOAA, Environ. Res. Lab., Boulder, Colo.

This preliminary report discusses primarily the distribution, abundance, and behavior of Short-tailed and Sooty Shearwaters as determined from shipboard surveys. Included is tabular information on the distribution of the 22 other species of marine birds observed during the cruises. CMH

Gulf of Alaska
Bering Sea
Seabirds, fulmars and shearwaters
Sooty Shearwater, Short-tailed Shearwater
Distribution, abundance, behavior, food, pollution

275. MYRES, M. T., and J. GUZMAN. 1977. Ecology and behavior of southern hemisphere shearwaters (Genus Puffinus) and other seabirds, when over the outer continental shelf of Bering Sea and Gulf of Alaska during the northern summer, pp. 179-191. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 3. NOAA, Environ. Res. Lab., Boulder, Colo.

Observations of shearwaters in summer 1976 are mapped and briefly discussed. A list noting relative abundance is included for the other marine birds observed. NMH

Gulf of Alaska
North Pacific
Bering Sea
Seabirds, fulmars and shearwaters
Sooty Shearwater, Short-tailed Shearwater
Abundance, distribution

276. NAKAMURA, K., and Y. TANAKA. 1977. Distribution and migration of two species of the genus Pterodroma in the North Pacific. Misc. Rep. Yamashina's Inst. Ornithol. 9:112-120.

This paper reports the distribution and abundance of Scaled and Solander's Petrels encountered during three cruises in the North Pacific and Bering Sea in 1974 and 1975. Distribution and migration are discussed in relation to ocean currents and water masses. Field descriptions are provided for the two species. CMH

North Pacific
Bering Sea
Fulmars and shearwaters
Scaled Petrel
Distribution, migration, habitat, abundance

277. NELSON, U.C. 1951. Migratory Waterfowl Studies, Breeding and Wintering Populations, Nesting and Banding. Unpublished report. Project No. 3-R-6. Fed. Aid in Wildl. Rest., Alaska 6(1):3-61.

This detailed report includes sections on the Shishmaref waterfowl project, the Innoko-Iditarod River waterfowl study, the study of goose and brant nesting on the Yukon-Kuskokim Delta, and the study of gull-waterfowl relationships on the Yukon-Kuskokim Delta. MRP

Arctic - Kotzebue Sound
Interior - Innoko, Koyukuk, Tanana
Bering Sea - Yukon Delta
Jaegers, gulls and terns
Parasitic Jaeger, Long-tailed Jaeger, Glaucous Gull, Mew Gull
Predation, food

278. NEWBY, T.C., and R.O. LARSON. 1974. Aggression in the Pacific Fulmar, Fulmarus glacialis. Murrelet 55:10.

This note recounts observations of an apparently territorial battle between two Northern Fulmars in July 1973 beneath a bluff of St. George Island; the fight resulted in the drowning of one of the birds. Also mentioned are observations of Thick-billed Murres fighting to the death. CMH

Bering Sea - Pribilof Is. (St. George Is.)
Fulmars and shearwaters, alcids
Northern Fulmar, Thick-billed Murre
Behavior, mortality

279. NICHOLS, J.T. 1926. Standard and adaptive specialization in relation to migration and distribution. Can. Field-Nat. 40:169-171.
- The Tufted Puffin is considered in this very general treatment of specialized migration. REG
- Bering Sea
Alcids
Tufted Puffin
Migration, distribution
280. NICHOLS, J.T. 1927. Tubinares off the north-west coast. Auk 44:326-328.
- This paper summarizes the general distribution and abundance of all **tubinares** encountered during a summer cruise between Seattle and Nome. A few notes on behavior are included. CMH
- Gulf of Alaska
North Pacific
Bering Sea
Albatrosses, **fulmars** and shearwaters, storm-petrels
Black-footed Albatross, Northern **Fulmar**, New Zealand Shearwater, Sooty Shearwater, Short-tailed Shearwater, Scaled Petrel, Fork-tailed Storm-Petrel, Leach's Storm-Petrel
Distribution, abundance, plumage, behavior
281. NYSEWANDER, D.R., and D.B. BARBOUR. 1979. The breeding biology of marine birds associated with Chiniak Bay, Kodiak Island, 1975-1978, pp. 21-106. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, vol. 2. NOAA, Environ. Res. Lab., Boulder, Colo.
- Abundance, nesting habitat, breeding **phenology**, and productivity of 10 species are discussed, and data collected in 1978 are compared with those of 1975 and 1977. Chick growth and feeding rates are addressed for Black-legged Kittiwakes and Tufted Puffins. An annotated list of the 75 species observed in summer 1978 is appended. REG
- Gulf of Alaska - Kodiak (Chiniak Bay)
Cormorants, gulls and terns, **alcids**
Pelagic Cormorant, Red-faced Cormorant, Glaucous-winged Gull, Mew Gull, Black-legged Kittiwake, Arctic Tern, Aleutian **Tern**, Tufted Puffin
Abundance, reproduction, growth, habitat, food, annotated list

282. NYSEWANDER, D., and E. HOBERG. 1978. The breeding biology of marine birds associated with **Chiniak Bay**, Kodiak Island, 1977, pp. 525-574. In Environmental Assessment of the Alaskan Continental Shelf, **Annual Reports of Principal Investigators**, Vol. 3. NOAA, Environ. Res. Lab., Boulder, **Colo.**

The 1977 breeding season phenology and productivity are reported for eight species nesting over inner **Chiniak Bay** and on mainland Kodiak. Population estimates and densities of major breeding species are presented. Incidental notes are summarized for six other species breeding in the area. A list of the prey items taken by nine species of seabirds is presented. CMH

Gulf of Alaska - Kodiak (Kodiak Is., **Chiniak Bay**)
Pelagic Cormorant, Red-faced Cormorant, Glaucous-winged Gull, Mew Gull, Black-legged **Kittiwake**, Arctic Tern, Aleutian Tern, Tufted Puffin
Reproduction, abundance, distribution, food

283. NYSEWANDER, D., and P. KNUDTSON. 1977. The population ecology and migration of seabirds, shorebirds, and waterfowl associated with Constantine Harbor, **Hinchinbrook Island**, Prince William Sound, 1976, pp. 500-575. In Environmental Assessment of the Alaskan Continental Shelf, **Annual Reports of Principal Investigators**, Vol. 2. NOAA, Environ. Res. Lab., Boulder, **Colo.**

The results of seabird colony censuses are reported and compared with 1972 censuses. Reproductive **phenology** and success are discussed for major breeding species and results from "sea watch" and shoreline transects are reported. An annotated list of the 90 species observed in summer 1976 is appended. REG

Gulf of Alaska - Prince William Sound (**Hinchinbrook Is.**)
Gulls and terns, **alcids**
Glaucous-winged Gull, Black-legged **Kittiwake**, Arctic Tern, Common **Murre**, Tufted Puffin
Abundance, reproduction, food, annotated list

284. NYSEWANDER, D.R., R.A. MOE, P.A. BAIRD, and E. HOBERG. 1978. Reproductive success of the Black-legged **Kittiwake** on Kodiak Island in 1977. Pac. **Seabird Group Bull.** 5(1):38. (Abstract)

This paper reports on reproductive success, chronology, and clutch sizes of **kittiwakes** of **Chiniak Bay** and **Sitkalidak Strait**. Factors influencing reproductive success are discussed. MRP

Gulf of Alaska - Kodiak (**Chiniak Bay**, **Sitkalidak Strait**)
Gulls and terns
Black-legged **Kittiwake**
Reproduction

285. OAKLEY, K. L., and K.J. KULETZ. 1979. Summer Distribution and Abundance of Marine Birds and Mammals in the Vicinity of Naked Island, Prince William Sound, Alaska in 1978, and Aspects of the Reproductive Ecology of the Pigeon Guillemot. Unpublished annual report. U.S. Fish and Wildl. Serv., Office of Special Studies, Anchorage, Alaska. 107 pp.

The first section of this report contains annotated species accounts of breeding and non-breeding marine birds and mammals in the vicinity of Naked Island. The second section is a report on the reproductive ecology of Pigeon Guillemots. Appended is an annotated list of all species observed between May 8 and August 31, 1978. MRP

Gulf of Alaska - Prince William Sound (Naked Is.)
Cormorants, gulls and terns, **alcids**
Pigeon Guillemot
Annotated list, food, breeding biology

286. OBERHOLSER, H.C. 1917. Notes on North American birds, I. Auk 34:191-196.

The specimen of Cephus snowi Stejneger reported by Reichenow from Kenai was probably mislabeled as to origin and should not be added to the list of North American species. CMH

Gulf of Alaska - Cook Inlet (Kenai R.)
Alcids
Distribution; specimen record

287. OBERHOLSER, H.C. 1918. The subspecies of Larus hyperboreus Gunnerus. Auk 35:467-474.

Upon examination of 240 specimens of Glaucous Gulls, the author proposes that two races be recognized: L. h. hyperboreus and L. h. barrovianus. CMH

Alaska
Gulls and terns
Glaucous Gull
Taxonomy, plumage, anatomy

288. OFELT, C.H. 1975. Food habits of nesting Bald Eagles in south-east Alaska. Condor 77:337-338.

This note summarizes observations of foods brought to three eyries between June 30 and August 10, 1971. With the exception of one Larus gull and two "rodents," all foods brought to nests were fish or invertebrates. REG

Gulf of Alaska - Southeastern (Robert Is.)

Gulls and terns

Predation

289. OGI, H. 1978. Food and feeding habits of Thick-billed Murres in the northern North Pacific Ocean. Pac. Seabird Group Bull. 5(2):72. (Abstract)

This summarizes the most important food items for Thick-billed Murres in the northern North Pacific Ocean. MRP

North Pacific

Alcids

Thick-billed Murre

Food

290. OGI, H., and T. TSUJITA. 1973. Preliminary examination of stomach contents of murre (Uris spp.) from the eastern Bering Sea and Bristol Bay, June-August, 1970 and 1971. Jap. J. Ecol. 23:201-209.

After examination of contents of 163 stomachs, the authors assess the importance of larval and juvenile fishes, euphausiids, amphipods, and squids in providing energy for murre. The influence of murre on salmon populations is discussed. MRP

Bering Sea

Alcids

Common Murre, Thick-billed Murre

Food

291. OGI, H., and T. TSUJITA. 1975. Food and feeding habits of the Common Murre and Thick-billed Murre in the Okhotsk Sea, north-western Pacific Ocean and Bering Sea. Pac. Seabird Group Bull. 2(1) :29-30. (Abstract)

The authors examined the stomach contents of 1,855 murrelets that were captured accidentally in gill nets. MRP

North Pacific
Bering Sea
Alcids
Common Murre, Thick-billed Murre
Food

292. OGI, H., and T. TSUJITA. 1976. Sexual and geographic variations in body weight, culmen length, wing length, and tarsus length for Common Murrelets in the Bering Sea. Pac. Seabird Group Bull. 3(1):20. (Abstract)

The authors assess morphometric variations in this species based on a sample of 636 birds from 43 sampling stations. MRP

Bering Sea
Alcids
Common Murre
Anatomy

293. OHLENDORF, H. M., J. C. BARTONEK, G. J. DIVOKY, E. E. KLASS, and A. J. KRYNITSKY. 1979. Organochlorine residues in eggs of Alaskan seabirds. Pac. Seabird Group Bull. 6(2) :43. (Abstract)

The authors report the organochlorine residues found in 440 clutches of eggs obtained between 1973 and 1976 from 19 species of seabirds in Alaska. MRP

Alaska
Seabirds
Pollution

294. OHLENDORF, H.M., J.C. BARTONEK, E.E. KLASS, and G.J. DIVOKY. 1975. **Organochlorine** residues in eggs of Alaskan seabirds. *Pac. Seabird Group Bul* 1. 2(1) :36-37. (Abstract)

This paper reports on the amounts of **organochlorine** residues found in various seabird eggs. MRP

Gulf of Alaska - Kodiak (Alaska Peninsula)
Bering Sea - Bristol Bay (Shaiak Is., Round Is.)
Aleutians - (Bogoslof Is.)
Cormorants, gulls and terns, **alcids**
Double-crested Cormorant, Glaucous-winged Gull, Black-legged
Kittiwake, Common Murre, Tufted Puffin
Pollution

295. OHLENDORF, H.M., J.C. BARTONEK, E.E. KLAAS, and G. DIVOKY. 1977. **Organochlorine** residues in Alaskan seabird eggs. *Pac. Seabird Group Bul* 1. 4(1) :23-24. (Abstract)

This paper reports on the occurrence and mean residue levels of various **organochlorines** in the eggs of several species of seabirds. MRP

Gulf of Alaska
Aleutians
Bering Sea
Seabirds
Pollution

296. OLSON, S.T. 1954. Gull-waterfowl relationships on the waterfowl breeding grounds in Alaska. *Proc. Alaska Sci. Conf.* 5:38-39. (Abstract)

The author discusses the significance of gull predation on waterfowl breeding in Alaska. NMH

Alaska
Gulls and terns
Glaucous Gull, Glaucous-winged Gull, Mew Gull
Predation

297. PALLAS, P.S. 1769. *Spicilegia Zoologica Quibus Novae Imprimus et Obscurae Animalium Species. Inconibus, Descriptionibus Atque Commentariis. Fasciculus Quintus, Berolini.* 34 pp.

This paper "contains original descriptions of Short-tailed Albatross and Tufted Puffin from Bering Sea." (From Gabrielson and Lincoln, *Birds of Alaska*, 1959. Original not seen.) CMH

Bering Sea
Albatrosses, **alcids**
Short-tailed Albatross, Tufted Puffin
Plumage, specimen record, taxonomy

298. PALMER, R.S. (ed.). 1962. *Handbook of North American Birds*, vol. 1. Yale University Press, New Haven, Conn. 567 pp.

This volume is the first in a planned series on the birds of North America. Published and unpublished materials are included for each species. Topics include: molts and plumage, field identification, voice, habitat, distribution, migration, reproduction, habits, and food. MRP

Alaska
Albatrosses, **fulmars** and shearwaters, storm-petrels, cormorants
Abundance, breeding biology, behavior, distribution, food, plumage, habitat, migration, population dynamics, status

299. PALMER, T.S. 1899. A review of economic ornithology in the United States, pp. 259-292. In *Yearbook of Dept. Agriculture*, Washington, D.C.

In this review, the author mentions the collection of Common Murre eggs from the Pribilof Islands for subsistence use. CMH

Bering Sea - Pribilof Is. (Walrus Is.)
Alcids
Common Murre
Subsistence

300. PARMENTER, H.E. 1937. Flights of shearwaters along the California coast. *Condor* 39:253.

A one-sentence reference is made to an "immense raft of shearwaters in the vicinity of the Aleutians." REG

Aleutians
Fulmars and shearwaters
Distribution, abundance

301. PATTEN, S.M., JR. 1976. Sympatry and interbreeding of Herring and Glaucous-winged Gulls in southern Alaska. Pac. Seabird Group Bull. 3(1) :25-26. (Abstract)

This paper describes the morphological characteristics of Herring and Glaucous-winged Gulls at four colonies in the Gulf of Alaska, and assesses the degree of interbreeding between the two species. MRP

Gulf of Alaska - Copper River (Egg Is., Haenke Is., Dry Bay),
Southeastern (Glacier Bay)

Gulls and terns

Glaucous-winged Gull, Herring Gull

Distribution, taxonomy

302. PATTEN, S. M., JR. 1978. Growth of large gull populations in Alaska. Pac. Seabird Group Bull. 5(2) :87. (Abstract)

This paper reports on expanding gull populations and predicts further expansion due to an increase in artificial food sources. MRP

Gulf of Alaska

Gulls and terns

Glaucous Gull, Glaucous-winged Gull, Herring Gull

Pollution, population dynamics

303. PATTEN, S., and R. PATTEN. 1975. A Marine Bird Survey of the Dixon Harbor Area, Glacier Bay National Monument, Gustavus, Alaska, and a Marine Mammal Survey, Dixon Harbor Area, Glacier Bay National Monument. Unpublished report. Dept. Pathology, Johns Hopkins Univ., Baltimore, Maryland. 99 pp.

Not reviewed.

Gulf of Alaska - Southeastern (Glacier Bay)

Seabirds

Distribution, abundance

304. PATTEN, S.M., JR., and L.R. PATTEN. 1976. Breeding ecology of the Gulf of Alaska Herring Gull group, pp. 271-368. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 2. NOAA, Environ. Res. Lab., Boulder, Colo.

The initial results of a study of the breeding ecology of Herring and Glaucous-winged Gulls in the northeast Gulf of Alaska are reported. Also included is information on recoveries of gulls banded on the colonies. The role of gulls in the transmission of human parasitic and enteric diseases in Alaska is reviewed. CMH

Gulf of Alaska - Copper River, Southeastern
Gulls and terns
Glaucous-winged Gull, Herring Gull
Reproduction, population dynamics, distribution, disease and
parasites

305. PATTEN, S.M., JR., and L.R. PATTEN. 1977. Effects of petroleum exposure on hatching success and incubation behavior of Glaucous-winged Gulls (Larus glaucescens) in the northeast Gulf of Alaska, pp. 4418-44. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, vol. 12. NOAA, Environ. Res. Lab., Boulder, Colo.

A study was conducted in 1976 to test the effects of North Slope crude oil externally applied to eggs during early incubation. CMH

Gulf of Alaska - Copper River
Gulls and terns
Glaucous-winged Gull
Pollution, reproduction, mortality

306. PATTEN, S. M., JR., and L.R. PATTEN. 1977. Evolution, pathology and breeding ecology of the Gulf of Alaska Herring Gull group (Larus argentatus x Larus glaucescens), pp. 446-595. In Environmental Assessment of the Alaskan Continental Shelf. Annual Reports of Principal Investigators, Vol. 12. NOAA, Environ. Res. Lab., Boulder, Colo.

The results of a two-year study of the breeding biology of the Glaucous-winged Gull x Herring Gull group in the northeast Gulf of Alaska are reported. Information on food habits and band returns is also presented. The role of gulls in the transmission of human parasitic and enteric diseases in Alaska is reviewed.
CMH

Gulf of Alaska - Copper River
Gulls and terns
Glaucous-winged Gull, Herring Gull
Breeding biology, food, migration, disease and parasites,
taxonomy

307. PATTEN, S.M., JR., and L.R. PATTEN. 1978. Effects of petroleum exposure on the breeding ecology of the Gulf of Alaska Herring Gull group (Larus argentatus x Larus glaucescens) and reproductive ecology of large gulls in the northeast Gulf of Alaska, pp. 151-309. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 7. NOAA, Environ. Res. Lab., Boulder, Colo.

North Slope Crude oil was externally applied to eggs of Herring and Glaucous-winged Gulls. The effects on hatching success and incubation behavior are discussed. Much life history information is presented in support of the findings. PJG

Gulf of Alaska - Copper River (Dry Bay, Copper R. Delta, Haenke Is.), Cook Inlet (L. Louise)
Gulls and terns
Glaucous-winged Gull, Herring Gull
Abundance, behavior, breeding biology, distribution, pollution,
food

308. PATTEN, S., JR., and A.R. WEISBROD. 1974. Sympatry and interbreeding of Herring and Glaucous-winged Gulls in southeastern Alaska. Condor 76:343-344.

The authors present evidence of interbreeding between these two species in the Glacier Bay region of southeastern Alaska. They discuss the lack of sufficient isolating mechanisms between the two species in the zone of sympatry. REG

Gulf of Alaska - Southeastern (Glacier Bay)
Gulls and terns
Glaucous-winged Gull, Herring Gull
Taxonomy, plumage

309. PETERSEN, M.R., and M.J. SIGMAN. 1977. Field studies at Cape Peirce, Alaska - 1976, pp. 633-693. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 4. NOAA, Environ. Res. Lab., Boulder, Colo.

This report presents information on the abundance, breeding biology, and predation of seabirds, and on spring migration, molt and foraging areas of loons and waterfowl in 1976. An appended table lists the 132 species of birds recorded from the area between 1963 and 1976; notes are included for those recorded only in 1976. CMH

Bering Sea - Bristol Bay (Cape Peirce)
Cormorants, gulls and terns, alcids
Reproduction, abundance, predation, subsistence, checklist

310. PHILLIPS, J.H. 1963. The pelagic distribution of the Sooty Shearwater. Ibis 105:340-353.

This major paper makes only brief mention of the migration and distribution of this species in Alaska waters. REG

Gulf of Alaska
Bering Sea
Fulmars and shearwaters
Sooty Shearwater, Short-tailed Shearwater
Migration, distribution

311. PITELKA, F.A., P.Q. TOMICH, and G.W. TREICHEL. 1955. Breeding behavior of jaegers and owls near Barrow, Alaska. *Condor* 57:3-18.

This paper presents rather extensive observations on the breeding behavior of the Pomarine Jaeger, Snowy Owl, and Short-eared Owl near Barrow in 1952 and 1953. Habitat utilization, breeding schedule, and territoriality are discussed for the three species. REG

Arctic - Chukchi (Barrow)
Jaegers
Pomarine Jaeger
Breeding biology, behavior, habitat

312. PITELKA, F.A., P.Q. TOMICH, and G.W. TREICHEL. 1955. Ecological relations of jaegers and owls as lemming predators near Barrow, Alaska. *Ecol. Monogr.* 25:35-117.

This major work describes the breeding near Barrow of three principal brown lemming predators (Pomarine Jaeger, Snowy Owl, and Short-eared Owl) and relates changes in their breeding schedule and population dynamics over a three-year period to a dramatic upswing in numbers of lemmings over this same period. REG

Arctic - Chukchi (Barrow)
Jaegers
Pomarine Jaeger
Breeding biology, behavior, population dynamics, food

313. PORTENKO, L. 1939. On some new forms of Arctic gulls. *Ibis*, 14th ser., 3:264-269.

This paper describes the type specimen of Larus (= Xema) sabini woznesenskii collected at Hooper Bay. It discusses forms of the Glaucous Gull and Sabine's Gull. (From T. J. Cade, 1953, A Synoptic Bibliography of Alaskan Ornithology, Univ. Calif. Dept. Zool., Los Angeles. Original not seen.) CMH

Bering Sea - Yukon Delta (Hooper Bay)
Gulls and terns
Glaucous Gull, Sabine's Gull
Specimen record, taxonomy

314. QUINLAN, S.E. 1978. The effects of predation on storm-petrels nesting success at Fish Island, Alaska. Pac. Seabird Group Bull. 5(1):47. (Abstract)

This paper reports on predation of Fork-tailed and Leach's Storm-Petrels at Fish Island, Alaska. River otters were the most important predators in 1976 and 1977. MRP

Gulf of Alaska - Prince William Sound (Fish Is.)
Fork-tailed Storm-Petrel, Leach's Storm-Petrel
Predation, reproduction

315. QUINLAN, S.E. 1979. Breeding biology of storm-petrels at Wooded Islands, Alaska. M.S. thesis. Univ. Alaska, Fairbanks. 206 pp.

This thesis presents results of a two-year study of the comparative breeding biology of Leach's and Fork-tailed Storm-Petrels. Taxonomy, predation, and chick growth are also treated in depth. An appendix notes the breeding status of the 118 species recorded during the two summers. CMH

Gulf of Alaska - Prince William Sound (Wooded Is.)
Storm-petrels
Fork-tailed Storm-Petrel, Leach's Storm-Petrel
Breeding biology, food, predation, taxonomy, growth, anatomy, checklist

316. RALPH, W.L. 1898. Notes on the egg of the Marbled Murrelet. Auk 15:49.

The author has added a postscript to the note by G. G. Cantwell (same citation) describing the color and measurements of the egg. REG

Gulf of Alaska - Southeastern (Long Is.)
Alcids
Marbled Murrelet
Specimen record

317. RAMSDELL, C., and W.H. DRURY. 1979. Ecological studies of birds in the northern Bering Sea: Seabirds at Bluff, distribution of birds at sea, movements of birds in the Bering Strait, pp. 600-769. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 1. NOAA, Environ. Res. Lab., Boulder, Colo.

This report provides information on the populations and reproductive ecology of seabirds nesting at several sites on the south side of the Seward Peninsula. Most detailed information is presented for Black-legged Kittiwakes and Common Murres. The at-sea distribution of seabirds in relation to the location of the breeding colonies is also discussed. An appended paper (Flock and Hubbard 1979) addresses bird movements through Bering Strait. CMH

Bering Sea - Norton Sound
Seabirds
Abundance, reproduction, growth

318. RAND, A.L. 1942. Larus kumlienii and its allies. Can. Field-Nat. 56:123-126.

The author discusses the difficult question of taxonomic status of the Nearctic gulls of the genus Larus. CMH

Arctic
Bering Sea
Gulls and terns
Glaucous Gull, Herring Gull, Thayer's Gull, Iceland Gull
Taxonomy, plumage

319. RAUSCH, R. 1950. Observations on a cyclic decline of lemmings (Lemmus) on the Arctic Coast of Alaska during the spring of 1949. Arctic 3:166-177.

The author discusses the effects of gull and jaeger predation on populations of lemmings. REG

Arctic - Chukchi (Barrow)
Jaegers, gulls and terns
Pomarine Jaeger, Parasitic Jaeger, Long-tailed Jaeger, Glaucous Gull
Predation

320. RIDGWAY, R. 1882. Description of a new petrel from Alaska. Proc. U. S. Natl. Mus. 5:656-658.

The author describes the type specimen of Fisher's Petrel (= Scaled Petrel, Pterodroma inexpectata) collected at Kodiak, June 11, 1882 (cf. Ridgway, Auk 12:319-322, 1895). REG

Gulf of Alaska - Kodiak (Kodiak Is.)
Fulmars and shearwaters
Scaled Petrel
Distribution, plumage, specimen record, taxonomy

321. RIDGWAY, R. 1882. The Great Black-backed Gull from a new locality. Bull. Nutt. Ornithol. Club 7:60.

This is a brief note announcing that the National Museum received specimens of Great Black-backed Gulls. Birds were collected at Herald Island by C. M. Hooper and at Port Clarence by T. H. Bean. These were the first confirmed records from the American side of the Pacific. MRP

Bering Sea - Norton Sound (Port Clarence)
Gulls and terns
Great Black-backed Gull
Distribution, specimen record

322. RIDGWAY, R. 1886. On the Glaucous Gull of Bering's Sea and contiguous waters. Auk 3:330-331.

The author describes the new species Larus barrovianus, now considered a subspecies of the Glaucous Gull (L. hyperboreus barrovianus). CMH

Arctic - Chukchi (Barrow)
Bering Sea - Norton Sound (St. Michael)
Gulls and terns
Glaucous Gull
Taxonomy, plumage

323. RIDGWAY, R. 1895. On Fisher's Petrel (Aestrelata fisheri). Auk 12:319-322.

This paper provides a detailed description and a colored plate of Fisher's Petrel, now considered the Scaled Petrel (Pterodroma inexpectata). The identifying characteristics are compared with those of other closely related species. CMH

Gulf of Alaska - Kodiak
Fulmars and shearwaters
Scaled Petrel
Plate

324. RITCHIE, R.J. 1974. Seabirds of Southeastern Waters. Unpublished report. U.S. Forest Service, Juneau, Alaska.

Not reviewed.

Gulf of Alaska - Southeastern
Seabirds

325. RITCHIE, R. 1978. Seabirds and their nesting habitat on western Nunivak Island, Alaska. Unpublished final report. U.S. Fish and Wildl. Serv., Anchorage, Alaska. 34 pp.

The author conducted surveys of breeding seabirds from July 1-29, 1978. Habitats and their use by seabirds are described and estimates of breeding populations are presented. Daily species checklists are appended. MRP

Bering Sea - Nunivak Is.
Cormorants, jaegers, gulls and terns, alcids
Abundance, checklist, habitat

326. RITCHIE, R., and T. SMITH. 1978. Seabirds and their nesting habitats on western Nunivak Island, Alaska. Pac. Seabird Group Bull. 5(2):79. (Abstract)

The authors present population estimates and descriptions of nesting habitats for 11 species of seabirds on Nunivak Island. MRP

Bering Sea - Nunivak Is.
Cormorants, gulls and terns, alcids
pelagic Cormorant, Glaucous Gull, Glaucous-winged Gull, Black-legged Kittiwake, Common Murre, Thick-billed Murre, Pigeon Guillemot, Parakeet Auklet, Crested Auklet, Horned Puffin, Tufted Puffin
Abundance, habitat

327. ROBBINS, C. S., and D.W. RICE. 1974. Recoveries of banded Laysan Albatrosses (Diomedea immutabilis) and Black-footed Albatrosses (D. nigripes). Smithson. Contrib. Zool. 158:232-277.

The authors describe the pelagic distribution of both species based on at-sea recoveries of banded birds. MRP

Alutians
North Pacific
Albatrosses
Black-footed Albatross, Laysan Albatross
Distribution, migration

328. ROELKE, M., and G. HUNT. 1978. Cliff attendance, foraging patterns, pre- and post fledging behavior of known-sex adult Thick-billed Murres (Uria lomvia). Pac. Seabird Group Bull. 5(2):81. (Abstract)

Adult birds were sexed via laparotomy technique and then marked to facilitate identification. Subsequent observations of adult attendance, feeding, and behavior during the chick fledging period are described. MRP

Bering Sea - Pribilof Is.
Alcids
Thick-billed Murre
Breeding biology

329. ROUDYBUSH, T., and C.R. GRAU. 1977. Yolk formation in some Pacific seabirds and shorebirds. Pac. Seabird Group Bull. 4(1):17-18. (Abstract)

The number of days required for rapid yolk formation is reported for 14 species of birds, determined from analysis of eggs collected in Alaska and elsewhere. MRP

Bering Sea - Yukon Delta (Clarence Rhode NWR)
Gulls and terns, alcids
Glaucous Gull, Mew Gull, Sabine's Gull, Arctic Tern, Pigeon Guillemot, Cassin's Auklet
Physiology

330. ROUDYBUSH, T. E., C.R. GRAU, M.R. PETERSEN, D.G. AINLEY, K.V. HIRSCH, A. P. GILMAN, and S.M. PATTEN. 1979. Yolk formation in some **Charadriiform** birds. Condor 81:293-298.

The authors estimate the number of days required for yolk formation in selected species of shorebirds, gulls, terns, and **alcids**. Most of the eggs examined were collected in Alaska. MRP

Bering Sea - Yukon Delta (01 d **Chevak**)
Gulf of Alaska - Northern Gulf (**Middleton Is.**)

Gulls and terns, **alcids**

Glaucous Gull, Glaucous-winged Gull, Herring Gull, Mew Gull,
Black-legged Kittiwake, **Sabine's Gull**, Arctic Tern, Common
Murre, Black Guillemot, Pigeon Guillemot, **Cassin's Auklet**,
Tufted Puffin

Physiology

331. RYDER, R.A. 1957. **Avian-pinniped** feeding associations. Condor 59:68-69.

This note, based on observations during winter and summer 1953, describes the feeding association of nine species of marine birds with four species of **pinnipeds**. REG

Arctic
Bering Sea

Fulmars and **shearwaters**, storm-petrels, gulls and terns
Northern **Fulmar**, Short-tailed Shearwater, Fork-tailed Storm-
Petrel, Glaucous Gull, Ivory **Gull**, Black-legged Kittiwake,
Sabine's Gull, Arctic Tern

Food

332. SALOMONSEN, F. 1932. Description of three new guillemots (Uris aalge). Ibis (13th ser.) 2:128-132.

Three new forms are described, including one from the eastern Bering Sea (Uris aalge inornata). REG

Bering Sea

Alcids

Common **Murre**

Taxonomy, distribution

- 333* SANGER, G.A. 1964. A possible sight record of a Short-tailed Albatross. *Murrelet* 45:47.

The author questions the unpublished sight record of a "Black-footed Albatross with a pink beak" from a cruise in the Gulf of Alaska in 1956. The author suggests that instead it was actually an immature Short-tailed Albatross. REG

Gulf of Alaska
Albatrosses
Short-tailed Albatross
Distribution, status

334. SANGER, G.A. 1972. Checklist of bird observations from the eastern North Pacific Ocean, 1955-1967. *Murrelet* 53:16-21.

The author has summarized observations collected aboard oceanographic vessels during 26 cruises between 1955 and 1967. Annotated accounts are presented for 36 species of birds, all typical marine forms except for Peregrine Falcon and Long-eared Owl. REG

Gulf of Alaska
Aleutians
North Pacific
Seabirds
Annotated list, distribution, abundance

335. SANGER, G.A. 1972. Preliminary standing stock and biomass estimates of seabirds in the subarctic Pacific region, pp. 581-611. In A. Yositada Takenouti (chief ed.), *Biological Oceanography of The Northern North Pacific Ocean*. Idemitsu Shoten, Tokyo.

Based upon observations at sea, the standing stock and biomass of seabirds are calculated and summarized by season and oceanographic domain for each ecological group of birds. Annual food consumption and nutrient transfer are estimated, and how seabirds fit into a simple, hypothetical food chain is discussed. CMH

Bering Sea
Gulf of Alaska
North Pacific
Seabirds
Abundance, distribution, food

336. SANGER, G.A. 1972. The recent pelagic status of the Short-tailed Albatross (Diomedea albatrus). *Biol. Conserv.* 4:189-193.

The author describes the former range of this species, summarizes recent pelagic sightings, and discusses the status of breeding and pelagic populations. REG

Gulf of Alaska
North Pacific
Albatrosses
Short-tailed Albatross
Distribution, status, management

337. SANGER, G.A. 1973. Pelagic records of Glaucous-winged and Herring Gulls in the North Pacific Ocean. *Auk* 90:384-393.

This paper documents the first pelagic specimen records of these two gulls off the Pacific Coast of North America, discusses concurrent pelagic sightings, and summarizes the literature on prior pelagic sightings. Pelagic food habits are also discussed. REG

Gulf of Alaska
North Pacific
Gulls and terns
Glaucous-winged Gull, Herring Gull
Distribution, food, migration, specimen record

338. SANGER, G.A. 1974. Black-footed Albatross (Diomedea nigripes). *Smithson. Contrib. Zool.* 158:96-128.

This paper summarizes at-sea observations of the Black-footed Albatross in the central and eastern Pacific Ocean. MRP

Aleutians
North Pacific
Albatrosses
Black-footed Albatross
Abundance, distribution

339. SANGER, G.A. 1974. Laysan Albatross (Diomedea immutabilis).
Smithson. Contrib. Zool. 158:129-153.

This paper summarizes at-sea observations of the Laysan Albatross in the central and eastern Pacific Ocean. MRP

Aleutians
North Pacific
Albatrosses
Laysan Albatross
Abundance, distribution

340. SANGER, G.A. 1975. Observations on the pelagic biology of the Tufted Puffin. Pac. Seabird Group Bull. 2(1):30-31. (Abstract)

The author discusses the pelagic distribution of Tufted Puffins and presents results of a preliminary analysis of stomach contents. MRP

Gulf of Alaska
North Pacific
Alcids
Tufted Puffin
Distribution, food

341. SANGER, G.A., and P.A. BAIRD. 1977. Aspects of the feeding ecology of Bering Sea avifauna, pp. 372-417. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 12. NOAA, Environ. Res. Lab., Boulder, Colo.

This final report presents a review of published and unpublished literature pertinent to the feeding ecology of Bering Sea birds. The authors discuss imbalances which may have been created in the ecosystem from commercial fisheries activities, and how those changes may have benefited planktivorous birds. Recommendations for further research are included. MRP

Bering Sea
Seabirds
Food, research, fishing

342. SANGER, G. A., and P.A. BAIRD. 1977. The trophic relationships of marine birds in the Gulf of Alaska and the southern Bering Sea, pp. 694-757. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, vol. 4. NOAA, Environ. Res. Lab., Boulder, CO10.

The authors present a preliminary analysis of the stomach contents of 26 species of seabirds collected in Alaska waters. CMH

Gulf of Alaska
Bering Sea
Seabirds
Food

343. SANGER, G. A., P.J. GOULD, and R.A. MOE. 1978. The food habits and feeding ecology of Black-legged Kittiwakes in the Kodiak area. Pac. Seabird Group Bull. 5(1):35-36. (Abstract)

The authors describe the distribution, density, and foods of Black-legged Kittiwakes in the Kodiak Island area from mid-May through mid-September 1977. MRP

Gulf of Alaska - Kodiak (Kodiak Is.)
Gulls and terns
Black-legged Kittiwake
Distribution, abundance, food

344. SANGER, G., V.F. HIRONAKA, and A.K. FUKUYAMA. 1978. The feeding ecology and trophic relationships of key species of marine birds in the Kodiak Island area, May - September 1977, pp. 773-848. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 3. NOAA, Environ. Res. Lab., Boulder, Colo.

The food habits of five species of seabirds collected in the vicinity of Kodiak Island are described and quantified. Seasonal changes in body weight and fat condition and in prey species taken are examined. The function of interspecific differences in bill width is discussed. CMH

Gulf of Alaska - Kodiak (Kodiak Is.)
Fulmars and shearwaters, gulls and terns, alcids
Sooty Shearwater, Short-tailed Shearwater, Black-legged Kittiwake, Common Murre, Tufted Puffin
Distribution, food, anatomy

345. SANGER, G.A., R.D. JONES, JR., D.W. WISWAR. 1979. The winter feeding habits of selected species of marine birds in Kachemak Bay, Alaska, pp. 309-347. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 2. NOAA, Environ. Res. Lab., Boulder, Colo.

This report summarizes preliminary results from a study of the winter food habits of four species of marine birds in Kachemak Bay. Aggregate percent numbers, volume, and frequency of occurrence of prey species are graphed and tabulated for each bird species. CMH

Gulf of Alaska - Cook Inlet (Kachemak Bay)

Alcids

Common Murre, Marbled Murrelet

Food

346. SANGSTER, M. 1978. Reproductive success of the Black-legged Kittiwake in Prince William Sound and the northeastern Gulf of Alaska 1976-1977. Pac. Seabird Group Bull. 5(1):38-39. (Abstract)

This paper reports on the reproductive success of kittiwakes at Wooded Island and Porpoise Rocks. Causes of low production are discussed. MRP

Gulf of Alaska - Prince William Sound (Wooded Is., Porpoise Rock s)

Gulls and terns

Black-legged Kittiwake

Reproduction

347. SANGSTER, M.E., C.T. BENZ, and D.J. KURHAJEC. 1977. Critical Wildlife Areas in Port Etches and Constantine Harbor, Hinchinbrook Island, Prince William Sound. Unpublished report. U.S. Fish and Wildl. Serv., Office of Special Studies, Anchorage, Alaska. 18 pp.

This paper describes critical habitats for waterfowl and seabirds in Port Etches and Constantine Harbor. Annotated species accounts and maps delineating critical habitats are included. MRP

Gulf of Alaska - Prince William Sound

Seabirds

Annotated list, habitat

348. SANGSTER, M.E., D.J. KURHAJEC, and C.T. BENZ. 1978. Reproductive Ecology of **Seabirds** at Hinchinbrook Island and a Census of Seabirds at Selected Sites in Prince William Sound, 1977. Unpublished annual report. U.S. Fish and **Wildl.** Serv., Office of Special Studies, Anchorage, Alaska. 98 pp.

This report includes information on the abundance, breeding **phenology**, and productivity of seabirds using Constantine Harbor and Porpoise Rocks; general accounts of shorebirds, waterfowl, Bald Eagles, and marine mammals; information on breeding populations of Pigeon Guillemots and Parakeet Auklets on Smith and Little Smith Islands; and census information on seabirds of Naked and Storey Islands. MRP

Gulf of Alaska - Prince William Sound

Seabirds

Abundance, distribution, breeding biology, food, annotated list, research

349. SAUNDERS, H. 1876. On the Sterninae, or terns, with descriptions of three new species. **Proc. Zool. Soc.** London **1876:638-672.**

In his analysis of this group, the author discusses the **taxonomic** status of the Aleutian Tern, whose type was collected at Kodiak. CMH

Alaska

Gulls and terns

Aleutian Tern

Plumage, taxonomy

350. **SCHAMEL, D.L. 1974.** The breeding biology of the Pacific Eider (*Somateria mollissima v-nigra* Bonaparte) on a barrier island in the Beaufort Sea, Alaska. **M.S. thesis.** Univ. Alaska, Fairbanks. 95 pp.

The breeding biology of Common Eiders was studied on a barrier island in 1971 and 1972. Mechanisms for avoiding predation of eggs by Glaucous Gulls are discussed. MRP

Arctic - Beaufort

Gulls and terns

Glaucous Gull

Predation

351. SCHAMEL, D. 1977. Breeding of the Common Eider (Somateria mollissima) on the Beaufort Sea coast of Alaska. Condor 71:3:418-485.

This paper describes the interrelationships of eiders and Glaucous Gulls nesting in a mixed colony, but emphasizes the breeding biology of the Common Eider. REG

Arctic - Beaufort
Gulls and terns
Glaucous Gull
Food, predation

352. SCHILLER, B.L. 1951. Studies of the helminth fauna of Alaska. I. Two new cestodes from Sabine's Gull (Xema sabini). J. Parasitol. 37:266-272.

This paper describes two new species of cestodes found in specimens of Sabine's Gulls collected in July and August 1949. MRP

Arctic - Chukchi (Barrow), Beaufort (Alaktak R.)
Gulls and terns
Sabine's Gull
Disease and parasites

353. SCHILLER, B.L. 1951. Studies of the helminth fauna of Alaska. VIII. Some cestode parasites of the Pacific Kittiwake (Rissa tridactyla Ridgway) with a description of Haploparaxis rissae n. sp. Proc. Helminthol. Soc. 18:122-125.

This paper describes some cestode parasites found in 37 Black-legged Kittiwakes collected at St. Lawrence Island in August 1950. MRP

Bering Sea - St. Lawrence Is.
Gulls and terns
Black-legged Kittiwake
Disease and parasites

354. SCHLEGEL, H. 1862-1864. *Museum d'Hist. Natur. des Pays-Bays. Revue meth. et crit. de la collection d'Oiseaux. 7 vols.* Leyde.

This **catalogue** of birds in the Leyden Museum lists several species from **Sitka**, which are questioned by **Willet** (Condor 16: 71-91, 1914). (From T. J. **Cade**, 1953, A Synoptic Bibliography of Alaskan Ornithology, Uni v. **Calif.** Dept. **Zool.**, Los Angeles. Original not seen.) CMH

Gulf of Alaska - Southeastern (**Sitka**)
Albatrosses, **fulmars** and shearwaters, cormorants, **alcids**
Short-tailed Albatross, Short-tailed Shearwater, Brandt's Cormorant, Crested **Auklet**, Whiskered Auklet
Distribution, specimen record

355. SCHMIDT, G.D. 1969. *Corynosoma bipapillum* sp. n. from Bonaparte's Gull *Larus philadelphia* in Alaska with a note on *C. constrictum* Van Cleave, 1918. *J. Parasitol.* 51:814-816.

This paper describes *Corynosoma bipapillum* sp. n. (a new species), taken from the posterior **gut of a** juvenile Bonaparte's Gull collected at Lake George. Also included is a description of *Corynosoma constrictum*, recovered from Pintail, Lesser **Scaup**, and White-winged Scoter. MRP

Interior - **Tanana** (Lake George)
Gulls and terns
Bonaparte's Gull
Disease and parasites

356. SCHOLANDER, P., R. HOCK, V. WALTERS, and L. IRVING. 1950. Adaptation to cold in Arctic and tropical mammals and birds in relation to body temperature, insulation, and basal metabolic rate. *Biol. Bull.* 99(2):259-271.

This paper "includes studies of Snow Bunting, Alaska Jay and arctic gulls at Pt. Barrow." (From T. J. **Cade**, 1953, A Synoptic Bibliography of Alaskan **Ornithology**, Uni v. **Calif.** Dept. **Zool.**, Los Angeles. Original not seen.) CMH

Arctic - **Chukchi** (Barrow)
Gulls and terns
Physiology

357. SCHOLANDER, P., V. WALTERS, R. HOCK, and L. IRVING. 1950. Body insulation of some Arctic and tropical mammals and birds. Biol. Bul 1. 99: (2) :225-236.

This paper "includes studies on Snow Buntings and arctic gulls at Pt. Barrow." (From T. J. Cade, 1953, A Synoptic Bibliography of Alaskan Ornithology, Univ. Calif. Dept. Zool., Los Angeles. Original not seen.) CMH

Arctic - **Chukchi** (Barrow)
Gulls and terns
Physiology, plumage

358. SCHOLANDER, P., V. WALTERS, R. HOCK, and L. IRVING. 1950. Heat regulation in some Arctic and tropical mammals and birds. Biol. Bul 1. 99(2) :236-258.

This paper "includes studies on Snow Buntings and arctic gulls at Pt. Barrow." (From T. J. Cade, 1953, A Synoptic Bibliography of Alaskan Ornithology, Univ. Calif. Dept. Zool., Los Angeles. Original not seen.) CMH

Arctic - **Chukchi** (Barrow)
Gulls and terns
Physiology

359. SEALY, S.G. 1968. A comparative study of breeding ecology and timing in plankton-feeding **alcids** (Cyclorhynchus and Aethia spp.) on St. Lawrence Island, Alaska. M.S. thesis. Univ. British Columbia, Vancouver.

Not reviewed.

Bering Sea - St. Lawrence Is.
Alcids
Parakeet Auklet, Crested Auklet, Least Auklet
Breeding biology

360. SEALY, S.G. 1968. Some **alcid** leg sizes and band sizes. Bird-Banding 39:59.

Recommended band sizes are given for nine species of **alcids** common to St. Lawrence Island. REG

Bering Sea - St. Lawrence Is.
Alcids
Techniques

361. SEALY, S.G. 1969. Color aberrations in some **alcids** on St. Lawrence Island, Alaska. Wilson Bull. 81:213-214.

This note records observations of **albinism** in the Parakeet, Crested and Least Auklets, and melanism in the Common Murre. CMH

Bering Sea - St. Lawrence Is.

Alcids

Common Murre, Parakeet Auklet, Crested Auklet, Least Auklet
Plumage, specimen record

362. SEALY, S.G. 1969. Incubation and nestling periods of the Horned Puffin. Condor 71:81.

The author followed five nests to obtain incubation and nestling periods for this species. MRP

Bering Sea

Alcids

Horned Puffins
Reproduction

363. SEALY, S.G. 1970. Egg teeth and hatching methods in some **alcids**. Wilson Bull. 82:289-293.

The author describes the construction and persistence of egg teeth for 21 species of **alcids**, and discusses the methods of hatching for several of these species. CMH

Bering Sea - St. Lawrence Is.

Alcids

Anatomy, behavior

364. SEALY, S.G. 1972. Adaptive differences in breeding biology in the marine bird family **Alcidae**. Ph.D. thesis. Univ. Michigan, Ann Arbor. 295 pp.

Not reviewed.

Bering Sea - St. Lawrence Is.

Alcids

Breeding **biology**

365. SEALY, S.G. 1973. Adaptive significance of post-hatching developmental patterns and growth rates in the Alcidae. *Ornis Stand.* 4:113-121.

The author recognizes three patterns of post-hatching development in Alcidae: precocial, semi-precocial, and intermediate. The feeding ecologies of the species are discussed as potential factors in the evolution of these developmental patterns and growth rates. CMH

Alaska
Alcids
Taxonomy, growth, food, anatomy

366. SEALY, S.G. 1973. Breeding biology of the Horned Puffin on St. Lawrence Island, Bering Sea, with zoogeographical notes on the North Pacific puffins. *Pac. Sci.* 27:99-119.

The author presents detailed observations on the breeding biology of Horned Puffins and compares aspects of their ecology to that of Tufted Puffins. MRP

Bering Sea - St. Lawrence Is.
North Pacific
Alcids
Horned Puffin, Tufted Puffin
Breeding biology, zoogeography

367. SEALY, S.G. 1975. Influence of snow on egg-laying in auklets. *Auk* 92:528-538.

This paper examines the relationship between snowmelt and the timing of egg-laying in a population of Least, Crested, and Parakeet Auklets. Gonadal development, nest site tenacity, and food accessibility are considered in relation to availability of nesting habitat. CMH

Bering Sea - St. Lawrence Is.
Alcids
Parakeet Auklet, Crested Auklet, Least Auklet
Breeding biology, physiology, habitat

368. SEALY, S.G. 1977. Wing molt of the Kittlitz's Murre' et. Wilson Bull. 89:467-469.

Using published field observations and information from museum specimens, the author assesses the timing of molt in relation to breeding. MRP

Alaska
Alcids
Kittlitz's Murrelet
Plumage

369. SEALY, S. G., and J. BEDARD. 1974. Breeding biology of the Parakeet Auklet (Cyclorhynchus psittacula) on St. Lawrence Island, Alaska. Astarte 2:59-68.

This paper describes the breeding biology of Parakeet Auklets. Included is information on the pre-egg stage, the egg stage, and the chick stage. MRP

Bering Sea - St. Lawrence Is.
Alcids
Parakeet Auklet
Breeding biology

370. SEARING, G.F. 1977. Population and breeding ecology of nesting seabirds at Kongkok Bay, St. Lawrence Island, Alaska. Pac. Seabird Group Bull. 4(1):20. (Abstract)

This paper discusses nesting chronology, abundance, and breeding success of seabirds on St. Lawrence Island in 1976. MRP

Bering Sea - St. Lawrence Is. (Kongkok Bay)
Gulls and terns, alcids
Black-legged Kittiwake, Common Murre, Thick-billed Murre, Crested Auklet, Least Auklet
Abundance, reproduction

371. SEARING, G.F. 1977. Some aspects of the ecology of cliff-nesting seabirds at Kongkok Bay, St. Lawrence Island, Alaska, during 1976, pp. 263-412. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, vol. 5. NOAA, Environ. Res. Lab., Boulder, Colo.

This final report provides population estimates and information on reproductive phenology for 12 species of seabirds nesting on the island in 1976. Aspects of breeding biology and feeding ecology are reported for selected species. CMH

Bering Sea - St. Lawrence Is.
Cormorants, gulls and terns, **alcids**
Abundance, breeding biology, food, growth, status, anatomy, habitat

372. SEARING, G.F., and W.J. RICHARDSON. 1975. A Study of Seabirds in the Coastal Beaufort Sea Area, 1972 and 1974. Unpublished report. Canadian Wildl. Serv., Edmonton, Alberta. 460 pp.

Not reviewed.

Arctic - Beaufort
Seabirds

373. SEKORA, P. C., G.V. BYRD, and D.D. GIBSON. 1979. Breeding distribution and status of marine birds in the Aleutian Islands, Alaska. U.S. Fish and Wildl. Serv., Wildl. Res. Rep. 11:33-46.

This paper discusses the breeding distribution and status of marine birds in the Aleutian Islands, and discusses gaps in the data. Recommendations for further study are given. An annotated list of seabirds breeding in the Aleutians is included. MRP

Aleutians
Seabirds
Distribution, status, research, annotated list

374. SEPTSON, M.M. 1959. Tubinares in the whaling areas of the northwest Pacific. [In Russian.] *Ornithologiya* 2:276-281.

Not reviewed.

North Pacific
Albatrosses, **fulmars** and shearwaters, storm-petrels

375. SERVENTY, D.L. 1967. Aspects of the population ecology of the Short-tailed Shearwater, Puffinus tenuirostris. Proc. Int. Ornithol. Congr. 14:165-190.

Not reviewed.

Fulmars and shearwaters
Short-tailed Shearwater

376. SHAM, W.T. 1924. The Sabine Gull in Oregon and on the lower Yukon. Condor 26:108.

This note records the collection of three specimens of this species, including two from St. Michael in 1908. REG

Bering Sea - Norton Sound (St. Michael)
Gulls and terns
Sabine's Gull
Distribution, specimen record

377. SHUFELDT, R.W. 1885. Variations in the form of the beak that takes place during its growth in the Short-tailed Albatross (Diomedea brachyura). Auk 2:175-178.

This paper is based on four specimens of Short-tailed Albatross taken by T. H. Bean in "various parts of Alaska." REG

Alaska
Albatrosses
Short-tailed Albatross
Anatomy

378. SHUFELDT, R.W. 1887. On a collection of birds' sterna and skulls, collected by Dr. Thomas H. Streets, U.S. Navy. Proc. U.S. Natl. Mus. 10:376-387.

The osteology of the skull, sternum, and shoulder girdle of a specimen of Pigeon Guillemot is discussed. REG

Gulf of Alaska - Southeastern
Alcids
Pigeon Guillemot
Anatomy, taxonomy

379. SHUNTOV, V.P. 1961. Migration and distribution of marine birds in southeastern Bering Sea during spring-summer season. [In Russian with English summary.] *Zool. Zh.* 40:1058-1069.

This paper presents data on the distribution and migration of eight species that inhabit the shallow open waters of the southeastern Bering Sea. The distribution of birds and the time, direction, and character of their migration are described in relation to the distribution and abundance of food resources. MRP

Bering Sea

Fulmars and shearwaters, storm-petrels, gulls and terns, **alcids**
Northern **Fulmar**, Short-tailed Shearwater, Fork-tailed Storm-Petrel, Glaucous Gull, Glaucous-winged **Gull**, Black-legged Kittiwake, Red-legged Kittiwake, Thick-billed Murre
Abundance, distribution, migration, food

380. SHUNTOV, V.P. 1963. Summer distribution of kittiwakes in the Bering Sea. [In Russian.] *Ornitologiya* 6:325-330.

The authors describe the distribution and abundance of Black-legged and Red-legged Kittiwakes in the Bering Sea and North Pacific. Maps indicate the distribution of Black-legged Kittiwakes over the entire Bering Sea, except for mainland coastal areas. GAS

North Pacific

Bering Sea

Gulls and terns

Black-legged Kittiwake, Red-legged Kittiwake

Distribution

381. SHUNTOV, V.P. 1964. Transequatorial migrations of the storm-petrel *Puffinus tenuirostris* (Temm.). [In Russian with English summary.] *Zool. Zh.* 43:590-598.

The author summarizes published and unpublished observations on the seasonal distribution of the Short-tailed Shearwater in the Pacific Ocean, and describes their spring and fall migration routes. The timing of migration and routes followed are discussed in relation to the productivity of the different oceanic water masses. CMH

Gulf of Alaska

Aleutians

North Pacific

Bering Sea

Fulmars and shearwaters

Short-tailed Shearwater

Migration, distribution, abundance, habitat

382. SHUNTOV, " V.P. 1965. On **Tubinares** and **alcids** of the Bering Sea. [In Russian.] *Ornitologiya* 7:276-286.

This paper discusses seasonal distribution and abundance in relation to water temperature and the distribution of food resources. CMH

Bering Sea
Albatrosses, **fulmars** and shearwaters, storm-petrels, **alcids**
Distribution, abundance, migration, food, habitat

383. SHUNTOV, V.P. 1966. Concerning wintering of birds in the far eastern seas and the northern part of the Pacific Ocean. [In Russian. English translation for Can. Wildl. Serv.] *Zool. Zh.* 45:1698-1711.

This paper provides information on the density of birds wintering in the eastern Bering Sea, Aleutians, **Kurile** Islands, **Hokkaido** and **Khonsyu** Islands, Sea of Japan, East China Sea, South China Sea, and Indian Ocean. Latitudinal trends are discussed. MRP

Aleutians
Bering Sea - Bristol Bay
North Pacific
Gulf of Alaska - Kodiak
Albatrosses, **fulmars** and shearwaters, storm-petrels, gulls and terns, **alcids**
Laysan Albatross, Northern **Fulmar**, Short-tailed Shearwater, **Fork-tailed** Storm-petrel, **Glaucous-winged** Gull, **Black-headed** Gull, **Black-legged Kittiwake**, **Common Murre**, **Thick-billed Murre**, **Least Auklet**
Abundance, distribution

384. SHUNTOV, V.P. 1968. Some regularities in distribution of albatrosses (**Tubinares. Diomedidae**) in the northern Pacific. [In Russian with English summary.] *Zool. Zh.* 47(7):1054-1064.

The distribution and movements of the **Laysan** and **Black-footed** Albatross are discussed in relation to oceanic currents and biological productivity. (From Oceanographic Abstracts, original not seen.) NMH

Gulf of Alaska
Aleutians
North Pacific
Albatrosses
Black-footed Albatross, **Laysan** Albatross
Distribution, habitat, migration

385. SHUNTOV, V.P. 1972. Marine Birds and the Biological Structure of the Ocean. Pac. Res. Instit. Fish. Manage. Oceanogr. (TINRO), Far-Eastern Publishers, Vladivostok. 378 pp.. [Transl. from Russian, Agence Tunisienne de Public-Relations for U.S." Dept. Int., Bur. Sport Fish. Wildl. and Natl. Sci. Found., 1974. 566 pp"]

The species' assortment, seasonal distribution, migration, population density, numbers and geographic dispersal of seabirds are examined with respect to the existing biological structure of the World Ocean. Considerable attention is given to 17 species, 9 of them common to Alaska waters. The number of seabirds on the World Ocean is estimated and their role as consumers of other animals is discussed. REG

Gulf of Alaska

Aleutians

North Pacific

Bering Sea

Seabirds

Black-footed Albatross, Laysan Albatross, Northern Fulmar, Sooty Shearwater, Short-tailed Shearwater, Black-legged Kittiwake, Common Murre, Thick-billed Murre, Tufted Puffin

Distribution, migration, abundance, habitat, zoogeography, status

386. SIMONS, T. 1978. Attendance and feeding patterns of the Fork-tailed Storm-Petrel. Pac. Seabird Group Bull. 5(1):47. (Abstract)

Incubation rhythms of adults, incubation shifts, hatching, feeding of chicks, and feeding patterns are discussed. MRP

Gulf of Alaska - Kodiak (Barren Is.)

Storm-petrels

Fork-tailed Storm-Petrel

Breeding biology, food

387. SIMONS, T.R. 1978. Nesting habits of the Marbled Murrelet. Pac. Seabird Group Bull. 5(2):82. (Abstract)

This is the first detailed account of the nesting habits and general breeding biology of the Marbled Murrelet. MRP

Gulf of Alaska - Kodiak (Barren Is.)

Alcids

Marbled Murrelet

Breeding biology

388. SIMONS, T. 1979. Behavior and attendance patterns of the Fork-tailed Storm-Petrel. Pac. Seabird Group Bull. 6(2):25. (Abstract)

This paper describes the attendance patterns and behavior of nesting Fork-tailed Storm-Petrels, and correlates those observations to environmental factors and food resources. MRP

Gulf of Alaska - Kodiak (Barren Is.)
Storm-petrels
Fork-tailed Storm-Petrel
Behavior, breeding biology

389. SIMONS, T.R. 1980. Discovery of a ground-nesting Marbled Murrelet. Condor 82:1-9.

This paper describes the breeding biology of the Marbled Murrelet based on observations of a nest discovered in 1978 on East Amatuli Island. Adaptations to reduce detection of the nest and avoid predators are discussed. MRP

Gulf of Alaska - Kodiak (Barren Is.)
Alcids
Marbled Murrelet
Breeding biology

390. SNARSKI, D. 1970. Kittiwake ecology, Tuxedni National Wildlife Refuge. Alaska Coop. Wildl. Res. Unit Quart. Prog. Rep. 22(1):10-12.

This report presents a brief summary of results from a study of the nesting ecology of Black-legged Kittiwakes on Chisik Island. An annotated list of 57 species of birds, including 32 water-related forms, summarizes observations on and near Chisik Island. MRP

Gulf of Alaska - Cook Inlet (Tuxedni NWR)
Gulls and terns
Black-legged Kittiwake
Breeding biology, annotated list

391. SNARSKI, D. 1971. Kittiwake ecology, Tuxedni National Wildlife Refuge. Alaska Coop. Wildl. Res. Unit Quart. Prog. Rep. 23(1) :6-8.

This report briefly summarizes and compares two years' data on the nesting ecology of Black-legged Kittiwakes on Chisik Island. The breeding failure of both years is briefly discussed. MRP

Gulf of Alaska - Cook Inlet (Tuxedni NWR)
Gulls and terns
Black-legged Kittiwake
Breeding biology

392. SOWL, L.W. 1979. The historical status of nesting seabirds of the northern and western Gulf of Alaska. U. S. Fish and Wildl. Serv. , Wildl. Res. Rep. 11:47-71.

This paper discusses historical records of distribution and abundance of nesting seabirds in the Gulf of Alaska from 1741 to 1975. An annotated species list and a discussion of population changes during this period are included. MRP

Gulf of Alaska
Seabirds
Distribution, abundance, status, annotated list

393. SOWL, L.W. , and J.C. BARTONEK. 1974. Seabirds - Alaska's most neglected resource. Trans. N. Am. Wildl. Nat. Resour. Conf. 39:117-126.

This paper briefly describes the seabird resources of Alaska, the lack of a coordinated management program, the threat to seabirds from past, present, and proposed development programs, and management and information needs. CJL

Alaska
Seabirds
Management, research

394. **SOWLS, A.** 1978. **Kittiwake** colony distribution. Pac. Seabird Group Bull. 5(1) :30;36. (Abstract)

The author, using information from the "Catalog of Alaskan Seabird Colonies" (Sowls et al. 1978), discusses the distribution of kittiwake colonies in Alaska. MRP

Alaska
Gulls and terns
Black-legged Kittiwake
Distribution, abundance

395. **SOWLS, A.L.** 1978. Puffin colony distribution. Pac. Seabird Group Bull. 5(1):31;39. (Abstract)

The author, using information presented in the "Catalog of Alaskan Seabird Colonies" (Sowls et al. 1978), discusses the distribution of puffin colonies in Alaska. MRP

Alaska
Alcids
Horned Puffin, Tufted Puffin
Abundance, distribution

396. **SOWLS, A.L., S.A. HATCH, and C.J. LENSINK.** 1978. Catalog of Alaskan Seabird Colonies. **FWS/OBS-78/78.** U.S. Fish and Wildl. Serv., Biological Services Program, Anchorage, Alaska. 32 pp. and Atlas.

This atlas shows the locations of all known colonies of seabirds in Alaska. Accompanying tables provide estimates of the number of birds of each species at individual colony sites. Appended tables list, by species, the colony sites at which each occurs, providing a useful cross reference to maps. An introductory section provides brief narrative accounts of the distribution, biology, and population status of each species. The catalog identifies more than a thousand colony areas at which about 22.5 million birds occur. CJL

Alaska
Seabirds
Abundance, annotated list, distribution

397. SPRING, L.W. 1968. A comparison of functional and morphological adaptations in the Common Murre (Uris aalge) and the Thick-billed Murre (Uris lomvia). Ph.D. thesis. Univ. Washington, Seattle. 140 pp.

Not reviewed.

Alcids

Common Murre, Thick-billed Murre

398. SPRINGER, A.M. 1974. Effects of seasonal geographic and dietary changes on pollutant levels in Long-tailed Jaegers (Stercorarius longicaudus). M.S. thesis. Univ. Alaska, College.

Not reviewed.

Jaegers

Long-tailed Jaeger
Food, pollution

399. SPRINGER, A.M., and D.G. ROSENEAU. 1977. A comparative sea-cliff bird inventory of the Cape Thompson vicinity, Alaska, pp. 206-262. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 5. NOAA, Environ. Res. Lab., Boulder, Colo.

This report presents population estimates for the nine species of seabirds breeding at Cape Thompson and compares them with earlier estimates. Information on **phenology**, reproductive success, and food habits is provided for some species. CMH

Arctic - Kotzebue Sound (C. Thompson)
Cormorants, gulls and terns, **alcids**
Abundance, reproduction, food

400. SPRINGER, A. M., and D.G. ROSENEAU. 1978. Ecological studies of colonial seabirds at Cape Thompson and Cape Lisburne, Alaska, pp. 839-960. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 2. NOAA, Environ. Res. Lab., Boulder, Colo.

This report provides information on the numbers, reproductive biology, and feeding ecology of seabirds nesting from Cape Lisburne to Cape Thompson in 1977. Most extensive information is presented for murre and kittiwakes. Implications of petroleum development are discussed. CMH

Arctic - Kotzebue Sound (C. Thompson, C. Lisburne)

Cormorants, gulls and terns, **alcids**

Pelagic Cormorant, Glaucous Gull, Black-legged Kittiwake, Common **Murre**, Thick-billed **Murre**, Black Guillemot, Pigeon Guillemot, Horned Puffin, Tufted Puffin

Abundance, reproduction, food, subsistence, pollution, disturbance, status

401. SPRINGER, A. M., D.G. ROSENEAU, and M. JOHNSON. 1979. Ecological studies of colonial seabirds at Cape Thompson and Cape Lisburne, Alaska, pp. 517-574. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, vol. 2. NOAA, Environ. Res. Lab., Boulder, Colo.

Aspects of population dynamics, reproductive biology, and feeding habits are discussed primarily for Common Murres and Black-legged Kittiwakes, but some "information on other species is presented. CMH

Arctic - Kotzebue Sound (C. Thompson, C. Lisburne)

Fulmars and shearwaters, cormorants, gulls and terns, **alcids**

Black-legged Kittiwake, Common **Murre**

Abundance, distribution, reproduction, habitat, food

402. SQUIBB, R. 1978. Nesting habitat differences between the Red-legged and Black-legged Kittiwake. Pac. **Seabird Group Bull.** 5(1) :47-48. (Abstract)

This paper describes nesting habitats of Red-legged and Black-legged Kittiwakes in the Pribilof Islands. Behavioral differences associated with nesting habitat selection are described. MRP

Bering Sea - Pribilof Is.

Gulls and terns

Black-legged Kittiwake, Red-legged Kittiwake

Habitat, behavior

403. STEELE, B.B., and W.H. DRURY. 1977. Birds of coastal habitats on the south shore of the Seward Peninsula, Alaska, pp. 1-178. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 3. NOAA, Environ. Res. Lab., Boulder, Colo.

Detailed information is provided on distribution, abundance, and reproductive and feeding ecology of seabirds in the Norton Sound region. Maps depicting waterfowl densities along the coast in fall are presented, along with some brood counts. Shorebirds are discussed in general terms. CMH

Bering Sea - Norton Sound
Cormorants, gulls and terns, **alcids**
Pelagic Cormorant, Glaucous Gull, Black-legged Kittiwake, Common Murre, Thick-billed Murre, Horned Puffin
Abundance, distribution, habitat, food, reproduction, pollution

404. STEJNEGER, L. 1884. Analecta Ornithologica. XI. Notes on Arctic Lari. Auk 1:358-360.

The author questions the validity of several statements by Nelson (Birds of the Bering Sea and Arctic Ocean, 1883) regarding four species of Larinae. CMH

Arctic
Bering Sea
Gulls and terns
Glaucous Gull, Glaucous-winged Gull, Lesser Black-backed Gull, Red-legged Kittiwake
Distribution

405. STEJNEGER, L. 1884. Priocella tenuirostris (Aud.) not a bird of Bering Sea or the Arctic Ocean. Auk 1:233-234.

The author notes the misidentification of a Short-tailed Shearwater (Puffinus tenuirostris) by E. W. Nelson (Birds of the Bering Sea and Arctic Ocean, 1883). The author also discusses the possibility of Nelson's misidentifying a dark phase Northern Fulmar as a Short-tailed Shearwater in the Aleutians. CMH

Arctic - Kotzebue Sound
Aleutians
Fulmars and shearwaters
Northern Fulmar, Short-tailed Shearwater
Distribution

406. STEJNEGER, L. 1884. Remarks on the species of the genus Cephus. Proc. U. S. Natl. Mus. 7:210-229.

This paper is a detailed comparative treatment of the races of both Black and Pigeon Guillemots. References to material from Alaska occurs throughout. REG

Alaska

Alcids

Black Guillemot, Pigeon Guillemot

Taxonomy, distribution

407. STEJNEGER, L. 1889. Notes on the downy young of the Parrot Auk and of the Crested Auk, pp. 125-126. In Report of the Cruise of the Corwin in 1884. Govt. Printing Off., Washington, D.C.

The author provides the first description to science of the downy young of these two species. REG

Bering Sea - **Pribilof** Is. (Otter Is.)

Alcids

Parakeet Auklet, Crested Auklet

Plumage

408. STEPHENSON, **R.O.** 1970. A study of the summer food habits of the arctic fox on St. Lawrence Island. Alaska. **M.S.** thesis. Univ. Alaska, College. 75 pp.

This thesis presents results of a study in summer 1968 of the food habits of arctic foxes denning in lowland tundra and sea cliff habitats. Over 1,500 scats were analyzed from 24 dens. The composition of the diet is discussed in relation to availability of prey species. CMH

Bering Sea - St. Lawrence Is.

Seabirds

Predation

409. STORER, R.W. 1950. Geographic variation in Pigeon Guillemots of North America. Condor 52:28-31.

The author proposes two new subspecies of Cepphus columba: C. c. adianta of the Pacific Coast from Washington north and west to Umnak Island, and C. c. eureka of coastal California and Oregon. Neither form has subsequently been recognized. REG

Alaska
Alcids
Pigeon Guillemot
Distribution, taxonomy

410. STORER, R.W. 1952. A comparison of variation, behavior and evolution in the sea bird genera Uria and Cepphus. Univ. Calif. Publ. Zool. 52:121-122.

This paper "contains mensural data from Alaskan specimens. Also distribution and synonymy of all forms pertinent to Alaska. Section on evolutionary history is particularly cogent." (From T. J. Cade, 1953, A Synoptic Bibliography of Alaskan Ornithology, Univ. Calif. Dept. Zool., Los Angeles. Original not seen.) CMH

Alaska
Alcids
Common Murre, Thick-billed Murre, Black Guillemot, Pigeon Guillemot
Anatomy, behavior, taxonomy

411. STRANG, C.A. 1976. Feeding behavior and ecology of Glaucous Gulls in western Alaska. Ph.D. thesis. Purdue Univ., West Lafayette, Indiana. 145 pp.

The comparative feeding behavior and ecology of coastal and inland nesting populations of Glaucous Gulls were studied between 1972 and 1974. Included are chapters on time-energy budgets, harassment, waterfowl nesting among gulls, and factors limiting gull populations. REG

Bering Sea - Yukon Delta
Gulls and terns
Glaucous Gull
Food, breeding biology, behavior

412. STRANG, C.A. 1977. Variation and distribution of Glaucous Gulls in western Alaska. *Condor* 79:170-175.

This paper describes variation in pigmentation of iris eye-ring and primary **remiges** of Glaucous Gulls collected in western Alaska. MRP

Aleutians
Bering Sea
Gulls and terns
Glaucous Gull, Glaucous-winged Gull, Herring Gull
Anatomy, taxonomy, plumage

413. STRANG, C.A. 1980. Incidence of avian predators near people searching for waterfowl nests. *J. Wildl. Manage.* 44:220-222.

This paper discusses the incidence of Glaucous Gulls and **jaegers** near people searching for waterfowl nests and assesses the possible impacts of this association on nesting success. More research on loss of eggs from undisturbed nests is suggested. MRP

Bering Sea - Yukon Delta
Jaegers, gulls and terns
Parasitic Jaeger, Long-tailed Jaeger, Glaucous Gull
Predation

414. STRANG, G. L. 1974. Nesting and feeding ecology of Mew Gulls (*Larus canus*) and Sabine's Gulls (*Xema sabini*) on the Kashunuk River. Unpublished report. Dept. of Forestry and Natural Resources, Purdue Univ., West Lafayette, Indiana. 10 pp.

This report provides a description of the nests, nesting habitat, eggs, nesting success, and foods of Mew Gulls and Sabine's Gulls. MRP

Bering Sea - Yukon Delta (Kashunuk R., Old Chevak)
Gulls and terns
Mew Gull, Sabine's Gull
Food, breeding biology

415. STRATY, R.R., and R.E. HAIGHT. 1979. Interactions among marine birds and commercial fish in the eastern Bering Sea. U.S. Fish and Wildl. Serv., Wildl. Res. Rep. 11:201-219.

This paper discusses the interactions of marine birds and fish, and identifies areas in which further research is needed. MRP

Bering Sea
Seabirds
Fishing, food, research

416. SWARTZ, L.G. 1966. Sea-cliff birds, pp. 611-678. In N.J. Wilimovsky and J.N. Wolfe (eds.), Environment of the Cape Thompson Region, Alaska. U.S. Atomic Energy Comm., Oak Ridge, Tennessee.

This chapter presents data from a three-year study of seabirds at Cape Thompson. Information on phenology, breeding biology, and trophic relationships is presented for 9 species. MRP

Arctic - Chukchi (Cape Thompson)
Cormorants, gulls and terns, alcids
Pelagic Cormorant, Glaucous Gull, Black-legged Kittiwake, Common Murre, Thick-billed Murre, Black Guillemot, Pigeon Guillemot, Horned Puffin, Tufted Puffin
Abundance, breeding biology, food

417. SWARTZ, L.G. 1967. Distribution and movements of birds in the Bering and Chukchi Seas. Pac. Sci. 21:332-347.

This paper summarizes pelagic observations of 29 species of birds in the northern Bering Sea and the Chukchi Sea during a cruise in late summer 1960. Figures depicting abundance, distribution, and movements are presented for several species. REG

Arctic - Chukchi
Bering Sea
Seabirds
Distribution, abundance, annotated list

418. THAYER, J.E. 1914. Nesting of the Kittlitz Murrelet. Condor 16:117-118.

The author describes a nest found on the Alaska Peninsula. He also provides a description and measurements of several eggs of this species. CMH

North Pacific - (Alaska Peninsula)

Alcids

Kittlitz's Murrelet

Distribution, habitat, anatomy

419. THOMPSON, D.Q. 1951. Notes on the distribution of North Pacific albatrosses. Auk 68:227-235.

This paper summarizes observations of all albatrosses observed during 45,000 nautical miles of cruising in the North Pacific during 1945. The numbers of Black-footed Albatross are correlated with sea water temperatures, and the number of jellyfish observed is used as an index of local productivity. CMH

North Pacific

Albatrosses

Black-footed Albatross, Laysan Albatross

Distribution, abundance, habitat

420. THOMPSON, M.C., J.Q. HINES, and F.S.L. WILLIAMSON. 1966. Discovery of the downy young of Kittlitz's Murrelet. Auk 83:349-351.

This article provides the first description of the downy young of the Kittlitz's Murrelet plus summarizes the nesting records of the species. REG

Arctic - Chukchi (Cape Thompson)

Alcids

Kittlitz's Murrelet

Plumage, distribution

421. TIMSON, R.S. 1975. Late Summer Migration at Barrow, Alaska. Unpublished report. U.S. Fish and Wildl. Serv., Anchorage, Alaska. 45 pp.

This paper reports on fall migration of marine birds past Barrow from August 27 to September 16, 1975. Migration is analyzed for each species group in relation to weekly period, time of day, wind conditions, and flock size. Information on age and sex composition is presented for some species. Subsistence hunting activity is also analyzed. CMH

Arctic - Chukchi (Barrow)
Fulmars and shearwaters, jaegers, gulls and terns
Migration, subsistence, age and sex composition

422. TOWNSEND, C.H. 1913. The Crested Auklet. Bird-Lore 15:133-136.

This is a very informative account of the author's experiences in Alaska with this, at the time, very little known alcid. REG

Aleutians
Arctic - Kotzebue Sound
Bering Sea - Pribilof Is.
Gulf of Alaska - Kodiak
North Pacific - (Shumagin Is.)
Alcids
Crested Auklet
Behavior, food, habitat, plumage, reproduction, status, subsistence

423. TRAPP, J.L. Techniques used in reducing oil impact on bird populations. Presented at Leadership Oiled-Bird Rehabilitation Workshop. Anchorage, Alaska. November 14-15 1978.

This paper describes means of deterring marine birds from approaching the site of oil spills. Well-designed experiments to test the effects of these deterrent techniques are urged. MRP

Alaska
Seabirds
Pollution, techniques

424. TRAPP, J.L. 1975. Distribution and Abundance of Seabirds along the Aleutian Islands and Alaska Peninsula, Fall 1974. Unpublished report. U.S. Fish and Wildl. Serv., Aleutian Is. Nat. Wildl. Refuge, Adak, Alaska. 39 pp.

Not reviewed.

Gulf of Alaska - Kodiak (Alaska Peninsula)
North Pacific - Alaska Peninsula
Aleutians
Seabirds
Distribution, abundance

425. TRAPP, J.L. 1977. Aerial Bird Survey of the Coastal Waters of Kodiak Island, Alaska: March 9-14, 1977. Unpublished report. U.S. Fish and Wildl. Serv., Kodiak Nat. Wildl. Refuge, Kodiak, Alaska. 17 pp.

An aerial survey was conducted over coastal waters of Kodiak Island. Annotated accounts are presented for the species observed, and distribution patterns are discussed. Numbers of birds, densities, and frequency of occurrence are summarized in tabular form for each species. Results are compared with those of previous surveys. CMH

Gulf of Alaska - Kodiak (Kodiak Is.)
Seabirds
Abundance, habitat, annotated list, distribution

426. TRAPP, J.L. 1978. Effects of human disturbance on a Red-faced Cormorant nesting colony. Pac. Seabird Group Bull. 5(2):88. (Abstract)

This paper describes quantitatively the impact of human visits on cormorant colonies where the primary predator was the Glaucous-winged Gull. MRP

Aleutians
Cormorants, gulls and terns
Red-faced Cormorant, Glaucous-winged Gull
Disturbance, predation

427. TRAPP, J.L. 1979. Ranking Alaska's seabird colonies: A concept plan for habitat protection. Pac. Seabird Group Bull. 6(2):38. (Abstract)

The author, using data contained in SOWLS et al. (Catalog of Alaskan Seabird Colonies, 1978), ranks the seabird colonies in Alaska, and describes a plan to manage and protect seabird nesting habitat. MRP

Alaska
Seabirds
Habitat, management

428. TRAPP, J.L. 1979. Variation in summer diet of Glaucous-winged Gulls in the western Aleutian Islands: An ecological interpretation. Wilson Bull, 91:412-419.

Over 2,300 regurgitated pellets of Glaucous-winged Gulls were examined from four locations in the western Aleutian Islands. The author examines the composition of their diet in relation to the abundance and vulnerability of the prey species. MRP

Aleutians - (Adlai Nizki Is., Agattu Is., Little Kiska Is.,
Buldir Is.)
Gulls and terns
Glaucous-winged Gull
Food

429. TUCK, L.M. 1960. The Murres. Can. Wildl. Serv. Monogr. Ser. 1. 260 pp.

This landmark monograph provides a thorough discussion of the biology of murres. Topics include: evolution and adaptation, distribution and populations, breeding biology, factors affecting populations, and economics. MRP

Alaska
Alcids
Common Murre, Thick-billed Murre
Abundance, distribution, breeding biology, disease and parasites,
pollution, predation, status, taxonomy, disturbance, fishing,
food, habitat, management, migration, mortality, plumage

430. UDVARDY, M.D.F. 1963. Zoogeographical study of the Pacific **Alcidae**, pp. 85-111. In J.L. Grisset (ed.), Pacific Basin Biogeography: A Symposium. Bishop Museum Press, Honolulu.

The author analyzes the paleogeographic history of the Bering Strait region based primarily on the distribution of the family **Alcidae**. CMH

Alaska
Alcids
Zoogeography, taxonomy

431. UDVARDY, M.D. F. 1979. Zoogeography and taxonomic relationships of seabirds in northern North America. U.S. Fish and Wildl. Serv., Wildl. Res. Rep. 11:167-170.

This paper briefly summarizes the zoogeography and taxonomic relationships of marine birds from north and northwestern North America. MRP

Alaska
Seabirds
Zoogeography, taxonomy

432. U.S. FISH AND WILDLIFE SERVICE. 1980. Workshop on Migratory Bird Subsistence Hunting, Proceedings of Workshop. U.S. Dept. Int., U.S. Fish and Wildl. Serv., Anchorage, Alaska. 119 pp.

This publication contains the presentations, comments, and summaries of topics discussed at the migratory bird subsistence hunting workshop held January 29-30, 1980, in Anchorage. MRP

Alaska
Seabirds
Subsistence, public interest

433. UNITT, P. 1976. Occurrence and migration of the Long-tailed Jaeger in North America. Pac. Seabird Group Bull. 3(1):31. (Abstract)

The author has summarized records of occurrence of Long-tailed **Jaegers** in North America, and suggests a migration route through the continental interior. MRP

Alaska
Jaegers
Long-tailed Jaeger
Distribution, migration

434. VANKAMMEN, 1.1. 1916. Whale birds. *Oologist* 33:171-172.
- This brief note describes the occurrence of shearwaters and other "whale birds" near whales. It also notes that whaling vessels would attempt to find whales by spotting flocks of birds. MRP
- Gulf of Alaska - Southeastern (Yakutat)
Fulmars and shearwaters, storm-petrels
Behavior
435. WAHL, T.R. 1976. Observations on seabird densities in the northwestern Pacific Ocean and the Bering Sea in June 1975. *Pac. Seabird Group Bull.* 3(1):23. (Abstract)
- The author censused birds during a cruise from Hokkaido, Japan, to the Bering Sea and Kodiak. MRP
- North Pacific
Bering Sea
Seabirds
Distribution, abundance
436. WAHL, T.R. 1978. Seabirds in the northwestern Pacific Ocean and south central Bering Sea in June 1975. *West. Birds* 9:45-66.
- The distribution and abundance of birds recorded on a cruise from Hakodate, Hokkaido, Japan, to Kodiak, Alaska, are reported. MRP
- Aleutians
Bering Sea
Seabirds
Abundance, distribution, annotated list
437. WALKER, E.P. 1920. Bird fatalities resulting from a shipwreck. *Condor* 22:157.
- This note recounts observations of oiled Common Murres and Glaucous-winged Gulls after a shipwreck in southeastern Alaska in October 1918. CMH
- Gulf of Alaska - Southeastern (Lynn Canal)
Gulls and terns, alcids
Glaucous-winged Gull, Common Murre
Mortality, pollution, behavior

438. WALKER, E. 1920. Probable breeding of the Aleutian Tern in southeastern Alaska. Condor 22:111-112.

The author reports Aleutian Terns near Yakutat in 1916 and 1917, and in Dry Bay in 1917, and discusses the probability of their nesting at those sites. CMH

Gulf of Alaska - Copper River (Yakutat, Dry Bay)
Gulls and terns
Arctic Tern, Aleutian Tern
Distribution

- 439* WALKER, E.P. 1920. Southerly nesting records of the Arctic Tern in southeastern Alaska. Condor 22:72-73.

This note records the discovery of a colony of Arctic Terns in Taku Inlet, the most southerly nesting recorded to that date. The author suggests that additional colonies may exist near Yakutat, Dry Bay, and Wrangell, based on observations of adults in these areas. CMH

Gulf of Alaska - Southeastern (Taku Inlet, Wrangell), Copper River (Yakutat, Dry Bay)
Gulls and terns
Arctic Tern
Distribution, habitat

440. WALKER, E.P. 1922. Bird fatalities resulting from a shipwreck. Condor 24:26-27.

This note is identical to that by the same author in 1920 (Condor 22:157). CMH

Gulf of Alaska - Southeastern (Lynn Canal)
Gulls and terns, alcids
Glaucous-winged Gull, Common Murre
Mortality, pollution, behavior

441. WALKER, E.P. 1922. The Kittlitz Murrelet in southeastern Alaska. *Murrelet* 3:9-10.

This paper discusses "observations and specimens from Glacier Bay in August 1921." (From T. J. Cade, 1953, A Synoptic Bibliography of Alaskan Ornithology, Univ. Calif. Dept. Zool., Los Angeles. Original not seen.) CMH

Gulf of Alaska - Southeastern (Glacier Bay)

Alcids

Kittlitz's Murrelet

Distribution, specimen record

442. WALKER, E.P. 1923. Definite breeding record for the Aleutian Tern in southern Alaska. *Condor* 25:113-117.

This note describes a mixed colony of Arctic and Aleutian Terns nesting at the Situk River flats in summer 1922. Mention is made of tern colonies at several other sites in the Gulf of Alaska and on the Alaska Peninsula; but reference to Aleutian Terns is made only once, that being of birds nesting on Isanotski Island in False Pass. REG

Gulf of Alaska - Copper River (Icy Bay, Situk R.), Northern Gulf (Middleton Is.), Kodiak (Kodiak Is.)

North Pacific (Simeonof Is. , False Pass)

Gulls and terns

Arctic Tern, Aleutian Tern

Distribution

443. WALKER, W. 1977. Chlorinated hydrocarbon pollutants in Alaskan Gyrfalcons and their prey. *Auk* 94:442-447.

As part of a study on chlorinated hydrocarbon pollutants in Gyrfalcons, whole body DDE residues of Long-tailed Jaegers, American Golden Plovers, and Whimbrels were determined. MRP

Bering Sea - Norton Sound (Seward Peninsula)

Jaegers

Long-tailed Jaeger

Pollution

444. WARNER, I.M. 1975. Census of Seabirds: Gulf of Alaska, September 1975. Unpublished report. U.S. Fish and Wildl. Serv. , Anchorage, Alaska. 13 pp.

The author presents results of shipboard transects in the Gulf of Alaska and provides information on food habits of birds collected during the cruise. MRP

Gulf of Alaska
Seabirds
Abundance, food, distribution

- 445* WARNER, I.M., and J. GUZMAN. 1975. Shipboard Census of Pelagic Birds: Bering Sea and Gulf of Alaska, 8 May to 21 June 1975. Unpublished report. U.S. Fish and Wildl. Serv. , Anchorage, Alaska. 13 pp.

This report presents census data from shipboard transects in the Gulf of Alaska and Bering Sea. MRP

Gulf of Alaska
Bering Sea
Fulmars and shearwaters, storm-petrels, gulls and terns, alcids
Abundance, distribution

446. WARTER, S.L. 1975. Osteoarthritis in the Short-tailed Albatross: A crash-landing syndrome? Pac. Seabird Group Bull. 2(1) :41. (Abstract)

The author presents evidence of an arthritic condition in certain joints of bones of Short-tailed Albatross excavated from Aleut middens on Amchitka Island. He suggests that these abnormalities may result from stresses received upon hard landings and/or take-offs. MRP

Aleutians - (Amchitka Is.)
Albatrosses
Short-tailed Albatross
Disease and parasites, archaeology

447. WATSON, G. E., and G. J. DIVOKY. 1972. Pelagic bird and mammal observations in the Eastern Chukchi, early fall 1970, pp. 111-172. In Websec - 70 (1970). An Ecological Survey in the Eastern Chukchi Sea, September - October 1970. U. S. Coast Guard Rep. No. 50. CG 373-50. Washington, D. C.

The authors present data on distribution, abundance, and foods, and relate them to the ice conditions and timing of migration. The observations, gathered during a cruise, are summarized in an annotated species list. Of the 35 species of birds recorded, 30 are marine forms. Distribution is plotted on maps for each species or species group. A table summarizes information on stomach contents for 56 birds of 9 species. CMH

Arctic - Chukchi

Fulmars and shearwaters, cormorants, jaegers, gulls and terns,
alcids

Distribution, abundance, food, annotated list, habitat, migration

448. WATSON, G. E., and G. J. DIVOKY. 1974. Marine birds of the western Beaufort Sea, pp. 681-695. In J. C. Reed and J. E. Sater (eds.), The Coast and Shelf of the Beaufort Sea. Arct. Instit. North Am., Washington, D. C.

Censuses were conducted during two shipboard cruises in the western Beaufort Sea during fall 1971 and 1972. In an annotated species list, the authors summarize information on the distribution and food habits of the birds observed. MRP

Arctic

Seabirds

Annotated list, distribution, food

449. WEBER, W. M. 1956. Occurrence of the Aleutian Tern and Rustic Bunting in the Aleutian Islands. Condor 58:235.

The author records the occurrence of a group of Aleutian and Arctic Terns on Adak Island during the summer of 1951, and postulates that both species breed there. CMH

Aleutians - (Adak Is.)

Gulls and terns

Arctic Tern, Aleutian Tern

Distribution

450. WEBSTER, J.D. 1941. Where is the Marbled Murrelet in early summer? Wilson Bull. 53:124.

The author recounts dates when large numbers of Marbled Murrelets were observed near Sitka. NMH

Gulf of Alaska - Southeastern (Sitka)

Alcids

Marbled Murrelet

Distribution

451. WEHLE, D.H. S. 1976. Summer food and feeding ecology of Tufted and Horned Puffins on Buldir Island, Alaska -- 1975. M.S. thesis. Univ. Alaska, Fairbanks. 83 pp.

This thesis presents an analysis of major components of niche specificity relative to the summer feeding ecology of Tufted and Horned Puffins on Buldir Island. MRP

Aleutians - (Buldir Is.)

Alcids

Horned Puffin, Tufted Puffin

Food, breeding biology

452. WEHLE, D.H. S. 1978. Aspects of a comparative breeding biology of the Tufted and Horned Puffins on Buldir Island, Alaska, 1975, and Ugaiushak Island, Alaska, 1976 and 1977. Pac. Seabird Group Bull. 5(1):41-42. (Abstract)

This paper presents information on the breeding biology of Horned and Tufted Puffins. MRP

Aleutians - (Buldir Is.)

Gulf of Alaska - Kodiak (Ugaiushak Is.)

Alcids

Horned Puffin, Tufted Puffin

Breeding biology

453. WEHLE, D.H.S. 1978. Studies of marine birds on Ugaiushak Island, pp. 208-312. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, vol. 3. NOAA, Environ. Res. Lab., Boulder, Colo.

The marine birds of Ugaiushak Island were studied in summer 1977. Abundance, phenology, and production are addressed for each of 15 species. Information on foods and foraging areas, chick growth, relaying and twinning experiments, and colony attendance is presented for some. CMH

Gulf of Alaska - Kodiak (Ugaiushak Is.)
Storm-petrels, cormorants, jaegers, gulls and terns, alcids
Reproduction, abundance, predation, food, mortality, growth

- 454* WEHLE, H., E. HOBERG, and K. POWERS. 1977. Studies of marine birds on Ugaiushak Island, pp. 155-277. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 4. NOAA, Environ. Res. Lab., Boulder, Colo.

The authors describe the populations, breeding biology, food habits, and foraging areas of 21 species of marine birds in summer 1976. A daily checklist of the 50 species observed on the island is appended. CMH

Gulf of Alaska - Kodiak (Ugaiushak Is.)
Storm-petrels, cormorants, jaegers, gulls and terns, alcids
Abundance, reproduction, food, checklist

455. WHEELWRIGHT, N.T., and P.D. BOERSMA. 1979. Egg chilling and the thermal environment of the Fork-tailed Storm-Petrel (Oceanodroma furcata) nest. Physiol. Zool. 52:231-239.

The authors discuss the physiological and ecological significance of interrupted incubation by Fork-tailed Storm-Petrels. Intermittent periods of egg neglect are considered in relation to selective factors influencing temperatures optimal for embryonic development and acquisition of endotherm in chicks, and as an adaptation to an unpredictable and dispersed food supply. CJL

Gulf of Alaska - Kodiak (Barren Is.)
Storm-petrels
Fork-tailed Storm-Petrel
Physiology, reproduction, behavior

456. WHITE, C.M. 1975. The breeding seabird resource in the Rat Islands, Aleutians with emphasis on the Alcidae. Pac. Seabird Group Bull. 2(1):39. (Abstract)

This paper presents estimates of colony sizes in the Rat Islands. In addition, a new Red-faced Cormorant colony is described, and the incidence of plastic particles in auklet stomachs is discussed. MRP

Aleutians - (Rat Is.)

Fulmars and shearwaters, cormorants, gulls and terns, alcids
Distribution, abundance, pollution

457. WHITTAM, T.S., and D. SIEGEL-CAUSEY. 1979. The structure of Alaskan seabird breeding communities: The role of species interactions. Pac. Seabird Group Bull. 6(2):27. (Abstract)

The authors analyzed data presented in SOWLS et al. (Catalog of Alaskan Seabird colonies, 1978) to test the role of competition in structuring seabird breeding communities. MRP

Alaska

Seabirds

Distribution, abundance

458. WIENS, J. A., D. HEINEMANN, and W. HOFFMAN. 1978. Community structure, distribution and interrelationships of marine birds in the Gulf of Alaska, pp. 1-178. In Environmental Assessment of the Alaskan Continental Shelf, Final Reports of Principal Investigators, Vol. 3. NOAA, Environ. Res. Lab., Boulder, Colorado.

The first part of this report discusses in detail the problems associated with censusing marine birds at sea. Current techniques are compared by computer simulations. A new survey technique is described and the results of pelagic surveys using the new technique are presented in terms of detection coefficients and mean densities. The second part discusses the formation and characteristics of feeding flocks, particularly those which contain more than one species. PJG

Gulf of Alaska

Seabirds

Techniques, behavior, food, abundance

459. WILLETT, G. 1920. Additional notes on the avifauna of Forrester Island, Alaska. Condor 22:138-139.

This brief note details observations of three species new to the island: Short-tailed Shearwater, Common Merganser, and Hermit Thrush. REG

Gulf of Alaska - Southeastern (Forrester Is.)
Fulmars and shearwaters
Short-tailed Shearwater
Annotated list, distribution

460. WILLETT, G. 1920. Comments upon the safety of sea birds and upon the "probable" occurrence of the northern Bald Eagle in California. Condor 22:204-205.

As an example of seabirds' ability to withstand severe weather conditions, the author describes the journey of Ancient Murrelet chicks to sea. CMH

Gulf of Alaska - Southeastern (Forrester Is.)
Alcids
Ancient Murrelet
Mortality, behavior, distribution

461. WILLETT, G. 1923. Comments on two recent numbers of Bent's Life Histories of North American Birds. Condor 25:25-27.

The author provides addenda to information appearing in Bent's Life Histories (U.S. Natl. Mus. Bull. 113 and 121) on the occurrence and distribution of certain birds in southeastern Alaska. REG

Gulf of Alaska - Southeastern
Storm-petrels, cormorants, gulls and terns
Fork-tailed Storm-Petrel, Double-crested Cormorant, Brandt's
Cormorant, Glaucous-winged Gull, Herring Gull, Mew Gull
Distribution

462. WILLETT, G. 1926. Speaking of Marbled Murrelets. Murrelet 7:31-32.

This paper "describes the nesting habits and the specimens taken at Craig." (From Gabrielson and Lincoln, Birds of Alaska, 1959. Original not seen.) CMH

Gulf of Alaska - Southeastern (Craig)

Alcids

Marbled Murrelet

Habitat, specimen record

463. WILLIAMS, R.B. 1947. Notes on the Arctic Tern in Alexander Archipelago, southeastern Alaska. Auk 64:143-144.

The author briefly describes several colonies of nesting Arctic Terns, Mew Gulls, and Glaucous-winged Gulls found in the area in 1945. Information is included on habitat, nesting chronology, behavior, and size of the colonies. CMH

Gulf of Alaska - Southeastern (Alexander Archipelago)

Gulls and terns

Glaucous-winged Gull, Mew Gull, Arctic Tern

Habitat, reproduction, abundance, distribution

464. WILLIAMSON, F.S.L., and L.J. PEYTON. 1959. Breeding record of the Double-crested Cormorant in south-central Alaska. Condor 61:154-155.

This note documents the nesting of this species in southcentral Alaska, approximately 300 miles northeast of its known range in Alaska at that time. REG

Gulf of Alaska - Cook Inlet (L. Louise, Susitna R.)

Cormorants

Double-crested Cormorant

Distribution

465. WILLIAMSON, F. S. L., and L. J. PEYTON. 1963. Interbreeding of Glaucous-winged and Herring Gulls in the Cook Inlet region, Alaska. Condor 65:24-28.

The authors describe color variations in plumage and soft parts of specimens of both species and several intermediate forms. The incidence of interbreeding of the two species is discussed. REG

Gulf of Alaska - Cook Inlet (Kenai Peninsula)
Gulls and terns
Glaucous-winged Gull, Herring Gull
Distribution, taxonomy, plumage

466. WOHL, K. D. 1975. Sightings of New Zealand Shearwaters in the northern Gulf of Alaska. Can. Field-Nat. 89:320-321.

This note details the sightings of nine New Zealand Shearwaters between September 16 and 29, 1974 - the first records for this species from Alaska waters. REG

Gulf of Alaska - Northern Gulf, Copper River (Icy Bay)
Fulmars and shearwaters
New Zealand Shearwater
Distribution

467. WOHL, K. D. 1978. Survey of beached marine birds in Alaska, pp. 857-876. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 3. NOAA, Environ. Res. Lab., Boulder, CO10.

The results of 54 beached bird surveys at 15 sites in the Gulf of Alaska during winter 1977-78 are summarized and briefly discussed. CMH

Gulf of Alaska
Fulmars and shearwaters, gulls and terns, alcids
Northern Fulmar, Short-tailed Shearwater, Glaucous-winged Gull,
Black-legged Kittiwake, Common Murre, Thick-billed Murre
Mortality, pollution, techniques

468. WOODBY, D. 1979. **Murres** and prey patches in the Bering Sea. Pac. Seabird Group Bull. 6(2) :39. (Abstract)

The author discusses the winter distribution of **murres** in relation to water depth and prey densities. MRP

Bering Sea

Alcids

Common Murre, Thick-billed Murre

Distribution, food

469. YESNER, D.R. 1976. Aleutian Island albatrosses: A population history. Auk 93:263-280.

Archaeological studies in the Aleutians are examined for their contribution to a more accurate reconstruction of albatross population history in the Aleutians and the North Pacific in general. Most of the albatross remains recovered were of the Short-tailed Albatross. REG

Aleutians - (Umnak Is.)

Albatrosses

Short-tailed Albatross, Black-footed Albatross, Laysan Albatross

Archaeology, distribution, abundance

SEABIRDS - AREA INDEX

- ALASKA, GENERAL: 18, 29, 31, 34, 35, 39, 46, 47, 48, 53, 77, 79, 80, 81, 85, 92, 93, 116, 118, 120, 123, 128, 134, 137, 149, 150, 153, 155, 159, 164, 197, 208, 215, 216, 217, 218, 219, 220, 221, 227, 231, 232, 233, 234, 235, 240, 250, 252, 256, 265, 273, 287, 293, 296, 298, 349, 365, 368, 377, 393, 394, 395, 396, 406, 409, 410, 423, 427, 429, 430, 431, 432, 433, 457
- ALEUTIANS: 7, 8, 45, 61, 62, 70, 71, 72, 83, 96, 125, 132, 133, 145, 158, 200, 207, 213, 214, 226, 228, 238, 269, 270, 294, 295, 300, 327, 334, 338, 339, 373, 381, 383, 384, 385, 405, 412, 424, 426, 428, 436, 446, 449, 451, 452, 456, 469
- ARCTIC: 66, 109, 111, 122, 245, 247, 318, 331, 404, 448
Beaufort: 5, 15, 30, 54, 55, 86, 87, 88, 102, 103, 105, 106, 107, 108, 136, 140, 202, 203, 350, 351, 352, 372
Chukchi: 1, 10, 11, 12, 13, 15, 36, 49, 50, 94, 95, 101, 102, 103, 104, 105, 106, 107, 127, 136, 165, 166, 188, 200, 243, 244, 246, 268, 272, 311, 312, 319, 322, 352, 356, 357, 358, 416, 417, 420, 421, 447
Kotzebue Sound: 117, 205, 206, 271, 277, 399, 400, 401, 405, 422
- BERING SEA: 2, 32, 36, 42, 89, 94, 109, 110, 115, 158, 160, 165, 166, 171, 192, 198, 211, 213, 223, 224, 226, 228, 238, 266, 274, 275, 276, 279, 280, 290, 291, 292, 295, 297, 310, 318, 331, 332, 335, 341, 342, 362, 379, 380, 381, 382, 385, 404, 412, 415, 435, 436, 445, 468
Norton Sound: 50, 51, 68, 113, 114, 117, 119, 138, 174, 187, 200, 317, 321, 322, 376, 403, 443
Yukon Delta: 52, 67, 121, 129, 143, 144, 186, 277, 313, 329, 330, 411, 413, 414
Bristol Bay: 24, 33, 96, 131, 135, 147, 148, 151, 152, 161, 195, 200, 264, 294, 309, 383
Bering Sea Islands: 14, 37, 38, 40, 41, 50, 64, 65, 76, 82, 117, 119, 126, 141, 146, 162, 163, 178, 179, 184, 189, 190, 191, 193, 194, 195, 196, 201, 204, 212, 214, 241, 242, 278, 299, 325, 326, 328, 353, 359, 360, 361, 363, 364, 366, 367, 369, 370, 371, 402, 407, 408, 422
- GULF OF ALASKA: 8, 133, 156, 158, 161, 171, 181, 199, 200, 211, 213, 223, 228, 236, 238, 274, 275, 280, 295, 302, 310, 333, 334, 335, 336, 337, 340, 342, 381, 384, 385, 392, 444, 445, 458, 467
Kodiak: 3, 4, 6, 23, 25, 26, 27, 28, 43, 44, 56, 57, 58, 59, 60, 63, 69, 97, 98, 99, 100, 139, 142, 167, 168, 169, 180, 182, 222, 237, 239, 251, 254, 255, 260, 262, 281, 282, 284, 294, 320, 323, 343, 344, 383, 387, 388, 389, 422, 424, 425, 442, 452, 453, 454, 455
Cook Inlet: 209, 210, 263, 286, 307, 345, 390, 391, 464, 465
Copper River: 68, 176, 185, 257, 301, 304, 305, 306, 307, 438, 439, 442, 466
Northern Gulf: 170, 172, 330, 442, 466

Prince William Sound: 19, 124, 130, 183, 229, 230, 258, 259, 267,
283, 285, 314, 315, 346, 347, 348
Southeastern Alaska: 73, 74, 75, 78, 90, 91, 112, 156, 157, 173, 175,
177, 248, 249, 253, 288, 301, 303, 304, 308, 316, 324, 354, 378,
434, 437, 439, 440, 441, 450, 459, 460, 461, 462, 463

INTERIOR ALASKA:

Innoko: 277
Tanana: 277, 355
Koyukuk: 277

NORTH PACIFIC: 2, 8, 9, 16, 17, 20, 21, 22, 44, 45, 62, 83, 87, 88, 133,
154, 160, 181, 200, 211, 213, 223, 224, 225, 228, 238, 261, 266, 275,
276, 280, 289, 291, 327, 334, 335, 336, 337, 338, 339, 340, 366, 374,
380, 381, 383, 384, 385, 418, 419, 422, 424, 435, 442

SEABIRDS - SPECIES INDEX

SEABIRDS, GENERAL: 2, 8, 18, 20, 21, 22, 23, 30, 31, 32, 33, 34, 35, 36,
51, 66, 75, 77, 82, 85, 98, 101, 106, 109, 115, 118, 120, 124, 126,
127, 128, 137, 139, 154, 155, 159, 164, 171, 191, 192, 194, 200, 208,
215, 216, 217, 218, 219, 220, 223, 224, 226, 227, 228, 231, 232, 233,
234, 236, 241, 252, 253, 256, 266, 273, 293, 295, 303, 317, 324, 334,
335, 341, 342, 347, 348, 372, 373, 392, 393, 396, 408, 415, 417, 423,
424, 425, 427, 431, 432, 435, 436, 444, 448, 457, 458

ALBATROSSES: 48, 93, 198, 225, 235, 298, 374, 382

Short-tailed Albatross: 61, 213, 297, 333, 336, 354, 377, 446, 469

Black-footed Albatross: 78, 80, 213, 280, 327, 338, 384, 385, 419,
469

Laysan Albatross: 133, 213, 327, 339, 383, 384, 385, 419, 469

FULMARS AND SHEARWATERS: 48, 92, 93, 97, 100, 105, 107, 165, 166, 168,
198, 199, 214, 225, 235, 238, 269, 298, 300, 374, 375, 382, 401, 421,
434, 445, 447, 456

Northern Fulmar: 19, 87, 88, 89, 90, 134, 167, 169, 178, 179, 180,
189, 190, 278, 280, 331, 379, 383, 385, 405, 467

New Zealand Shearwater: 280, 466

Sooty Shearwater: 87, 88, 89, 90, 150, 160, 161, 222, 274, 275, 280,
310, 344, 385

Short-tailed Shearwater: 12, 14, 62, 80, 87, 88, 89, 90, 150, 160,
161, 222, 274, 275, 280, 310, 331, 344, 354, 379, 381, 383, 385,
405, 459, 467

Scaled Petrel: 45, 240, 276, 280, 320, 323

Cook's Petrel: 7, 9

STORM-PETRELS: 48, 71, 73, 91, 93, 105, 107, 199, 214, 225, 235, 237,
238, 251, 258, 259, 261, 269, 298, 374, 382, 434, 453, 454

Fork-tailed Storm-Petrel: 19, 44, 56, 57, 58, 59, 60, 83, 87, 88, 89,
90, 146, 147, 157, 158, 240, 248, 249, 280, 314, 315, 331, 379,
383, 386, 388, 445, 455, 461

Leach's Storm-Petrel: 9, 44, 83, 131, 132, 157, 240, 248, 249, 280, 314, 315

CORMORANTS: 6, 48, 91, 92, 97, 100, 114, 119, 168, 199, 237, 238, 251, 258, 259, 261, 269, 285, 298, 309, 325, 371, 399, 401, 447, 453, 454, 456

Great Cormorant: 142

Double-crested Cormorant: 43, 63, 257, 294, 461, 464

Brandt's Cormorant: 354, 461

Pelagic Cormorant: 50, 96, 125, 150, 172, 281, 282, 326, 400, 403, 416

Red-faced Cormorant: 96, 150, 178, 179, 189, 190, 242, 281, 282, 426

JAEGERS: 47, 100, 105, 107, 140, 168, 325, 421, 447, 453, 454

Pomarine Jaeger: 5, 86, 110, 136, 244, 245, 246, 247, 272, 311, 312, 319

Parasitic Jaeger: 86, 129, 136, 207, 245, 247, 257, 277, 319, 413

Long-tailed Jaeger: 86, 186, 245, 247, 250, 277, 319, 398, 413, 433, 443

GULLS AND TERNS: 6, 47, 71, 73, 79, 91, 97, 100, 105, 107, 114, 119, 123, 140, 165, 166, 168, 174, 181, 187, 198, 199, 214, 235, 237, 238, 251, 258, 259, 261, 269, 285, 288, 309, 325, 356, 357, 358, 371, 399, 401, 421, 445, 447, 453, 454, 456

Glaucous Gull: 50, 52, 53, 102, 121, 122, 136, 145, 186, 197, 202, 203, 205, 277, 287, 296, 302, 313, 318, 319, 322, 326, 329, 330, 331, 350, 351, 379, 400, 403, 404, 411, 412, 413, 416

Iceland Gull: 53, 318

Glaucous-winged Gull: 26, 27, 28, 102, 121, 125, 162, 172, 175, 177, 180, 183, 197, 207, 209, 210, 257, 263, 264, 265, 267, 281, 282, 283, 294, 296, 301, 302, 304, 305, 306, 307, 308, 326, 330, 337, 379, 383, 404, 412, 426, 428, 437, 440, 461, 463, 465, 467

Great Black-backed Gull: 321

Slaty-backed Gull: 102, 145

Western Gull: 175

Lesser Black-backed Gull: 404

Herring Gull: 145, 175, 186, 301, 302, 304, 306, 307, 308, 318, 330, 337, 412, 461, 465

Thayer's Gull: 11, 318

California Gull: 175

Ring-billed Gull: 13, 15, 175

Mew Gull: 13, 153, 257, 265, 267, 277, 281, 282, 296, 329, 330, 414, 461, 463

Black-headed Gull: 270, 383

Bonaparte's Gull: 257, 267, 355

Ivory Gull: 11, 14, 49, 62, 102, 103, 104, 331

Black-legged Kittiwake: 11, 19, 26, 27, 28, 50, 64, 70, 72, 96, 102, 110, 113, 116, 117, 125, 170, 172, 178, 179, 180, 183, 189, 190, 193, 195, 196, 207, 209, 210, 211, 222, 242, 262, 263, 271, 281, 282, 283, 284, 294, 326, 330, 331, 343, 344, 346, 353, 370, 379, 380, 383, 385, 390, 391, 394, 400, 401, 402, 403, 416, 467

Red-legged Kittiwake: 70, 72, 125, 150, 178, 179, 189, 190, 193, 242,
 379, 380, 402, 404
 Ross' Gull: 1, 50, 94, 95, 102, 103, 104, 268
Sabine's Gull: 67, 95, 186, 313, 329, 330, 331, 352, 376, 414
 Arctic Tern: 25, 27, 28, 54, 55, 68, 103, 135, 176, 183, 186, 206,
 257, 265, 281, 282, 283, 329, 330, 331, 438, 439, 442, 449, 463
 Aleutian Tern: 25, 27, 28, 29, 68, 81, 143, 149, 176, 185, 257, 281,
 282, 349, 438, 442, 449

ALCIDS: 6, 39, 42, 46, 71, 73, 91, 93, 97, 100, 105, 107, 114, 119, 140,
 165, 166, 168, 181, 187, 198, 199, 214, 221, 235, 237, 238, 251, 258,
 259, 261, 269, 309, 325, 360, 363, 364, 365, 371, 382, 397, 399, 401,
 430, 445, 447, 453, 454, 456
Common Murre: 19, 24, 50, 102, 113, 125, 150, 162, 172, 178, 179,
 180, 189, 190, 204, 209, 210, 212, 222, 242, 271, 283, 290, 291,
 292, 294, 299, 326, 330, 332, 344, 345, 361, 370, 383, 385, 400,
 401, 403, 410, 416, 429, 437, 440, 467, 468
Thick-billed Murre: 49, 87, 88, 89, 90, 102, 113, 162, 172, 178, 179,
 180, 189, 190, 204, 207, 271, 278, 289, 290, 291, 326, 328, 370,
 379, 383, 385, 400, 403, 410, 416, 429, 467, 468
Dovekie: 37, 65, 163, 184
Black Guillemot: 37, 102, 103, 108, 111, 243, 330, 400, 406, 410, 416
Pigeon Guillemot: 27, 50, 130, 177, 180, 222, 229, 230, 239, **285,**
 326, 329, 330, 378, 400, 406, 409, 410, 416
Marbled Murrelet: 37, 74, 156, 182, 222, 316, 345, 387, 389, 450, 462
Kittlitz's Murrelet: 16, 17, 19, 138, 144, 188, 368, 418, 420, 441
Ancient Murrelet: 37, 44, 87, 88, 89, 90, 460
Cassin's Auklet: 44, 329, 330
Parakeet Auklet: 15, 38, 40, 41, 50, 125, 178, 179, 189, 190, 229,
 230, 242, 254, 326, 359, 361, 367, 369, 407
Crested Auklet: 10, 38, 40, 41, 44, 50, 76, 99, 125, 146, 162, 178,
 179, 189, 190, 242, 326, 354, 359, 361, 367, 370, 407, 422
Least Auklet: 10, 38, 40, 42, 50, 125, 178, 179, 189, 190, 207, 359,
 361, 367, 370, 383
Whiskered Auklet: 80, 141, 201, 354
Rhinoceros Auklet: 19, 69, 112, 172, 173, 180
Horned Puffin: 3, 4, 19, 28, 50, 69, 87, 88, 89, 90, 177, 178, 179,
 180, 189, 190, 209, 210, 229, 230, 242, 326, 362, 366, 395, 400,
 403, 416, 451, 452
Tufted Puffin: 3, 4, 19, 26, 27, 28, 50, 69, 84, 87, 88, 89, 90, 148,
 150, 152, 172, 177, 178, 179, 180, 189, 190, 222, 229, 230, 242,
 260, 279, 281, 282, 283, 294, 297, 326, 330, 340, 344, 366, 385,
 395, 400, 416, 451, 452

SEABIRDS - SUBJECT INDEX

ABUNDANCE: 1, 8, 19, 20, 21, 22, 23, 27, 28, 33, 35, 38, 41, 46, 47, 48,
49, 50, 51, 70, 76, 90, 91, 92, 93, 97, 98, 100, 101, 105, 106, 109,
114, 124, 134, 139, 140, 149, 151, 155, 161, 164, 167, 168, 171, 172,
178, 179, 183, 186, 189, 190, 194, 199, 202, 203, 209, 210, 211, 213,
216, 224, 226, 233, 234, 236, 237, 238, 246, 251, 253, 257, 258, 259,
261, 271, 273, 274, 275, 276, 280, 281, 282, 283, 298, 300, 303, 307,
309, 317, 325, 32%, 334, 335, 338, 339, 343, 348, 370, 371, 379, 381,
382, 383, 385, 392, 394, 395, 396, 399, 400, 401, 403, 416, 417, 419,
424, 425, 429, 435, 436, 444, 445, 447, 453, 454, 456, 457, 458, 463,
469

AGE AND SEX COMPOSITION: 109, 421

ANATOMY: 9, 38, 39, 44, 42, 53, 67, 99, 122, 156, 221, 230, 287, 292,
315, 344, 363, 365, 371, 377, 378, 410, 412, 418

ANNOTATED LIST: 20, 27, 33, 91, 97, 98, 109, 139, 143, 198, 199, 200,
201, 209, 214, 224, 228, 281, 283, 285, 334, 347, 348, 373, 390, 392,
396, 417, 425, 436, 447, 448, 459

ARCHAEOLOGY: 142, 446, 469

BEHAVIOR: 5, 44, 46, 47, 48, 67, 68, 92, 93, 95, 99, 146, 156, 157, 165,
166, 176, 212, 213, 214, 230, 254, 255, 267, 274, 278, 280, 298, 307,
311, 312, 363, 388, 402, 410, 411, 422, 434, 437, 440, 455, 458, 460

BIBLIOGRAPHY: 221

BREEDING BIOLOGY: 3, 4, 27, 28, 38, 41, 42, 46, 47, 48, 54, 56, 57, 58,
59, 60, 68, 69, 83, 91, 92, 93, 97, 108, 114, 116, 117, 119, 167, 168,
169, 185, 221, 236, 245, 247, 248, 251, 257, 258, 259, 285, 298, 306,
307, 311, 312, 315, 328, 348, 359, 364, 366, 367, 369, 371, 386, 387,
388, 389, 390, 391, 411, 414, 416, 429, 451, 452

CHECKLIST: 162, 183, 230, 237, 257, 258, 259, 309, 315, 325, 454

DI SEASE AND PARASITES: 127, 180, 181, 209, 210, 304, 306, 352, 353, 355,
429, 446

DI STRIBUTION: 1, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 19, 20, 21, 22, 23,
33, 35, 36, 37, 44, 45, 46, 47, 48, 61, 62, 65, 70, 71, 74, 75, 78,
79, 83, 92, 93, 97, 101, 102, 105, 106, 107, 112, 113, 114, 119, 131,
132, 133, 134, 138, 139, 140, 141, 142, 143, 144, 145, 146, 149, 154,
155, 158, 159, 161, 163, 164, 171, 173, 175, 176, 177, 182, 184, 186,
188, 189, 192, 194, 198, 199, 200, 201, 207, 211, 213, 216, 221, 223,
224, 226, 233, 234, 236, 238, 243, 246, 251, 253, 257, 258, 261, 266,
268, 270, 273, 274, 275, 276, 279, 280, 282, 286, 298, 300, 301, 303,
304, 307, 310, 320, 321, 327, 332, 333, 334, 335, 336, 337, 338, 339,
340, 343, 344, 348, 354, 373, 376, 379, 380, 381, 382, 383, 384, 385,
392, 394, 395, 396, 401, 403, 404, 405, 406, 409, 417, 418, 419, 420,
425, 433, 435, 436, 438, 439, 441, 442, 444, 445, 447, 448, 449, 450,
456, 457, 459, 460, 461, 463, 464, 465, 466, 468, 469

DI STURBANCE: 50, 51, 66, 106, 190, 194, 202, 259, 400, 426, 429

FISHING, EFFECTS OF: 35, 87, 88, 89, 220, 341, 415, 429

FOOD: 2, 26, 27, 28, 35, 38, 39, 40, 42, 46, 47, 48, 50, 51, 54, 55, 69,
80, 85, 91, 92, 93, 95, 98, 101, 102, 103, 104, 105, 106, 107, 110,
114, 116, 117, 129, 130, 135, 147, 165, 166, 171, 172, 189, 190, 194,
202, 203, 209, 210, 221, 222, 223, 225, 226, 235, 236, 237, 238, 244,
245, 247, 251, 257, 258, 260, 261, 264, 265, 267, 274, 277, 281, 282,
283, 285, 289, 290, 291, 298, 306, 307, 312, 315, 331, 335, 337, 340,
341, 342, 343, 344, 345, 348, 351, 365, 371, 379, 382, 386, 398, 399,
400, 401, 403, 411, 414, 145, 416, 422, 428, 429, 444, 447, 448, 451,
453, 454, 458, 468

GROWTH : 27, 28, 60, 69, 91, 151, 167, 168, 169, 172, 189, 190, 194, 209,
210, 245, 281, 315, 317, 365, 371, 453

HABI TAT: 18, 25, 28, 36, 38, 41, 44, 46, 47, 48, 67, 90, 91, 92, 93, 96,
103, 104, 106, 107, 111, 113, 119, 135, 139, 140, 148, 150, 151, 152,
167, 171, 172, 179, 182, 183, 186, 193, 196, 198, 202, 203, 207, 210,
216, 223, 224, 226, 229, 230, 243, 246, 248, 249, 253, 254, 255, 257,
258, 261, 276, 281, 298, 311, 325, 326, 347, 367, 371, 381, 382, 384,
385, 401, 402, 403, 418, 419, 422, 425, 427, 429, 439, 447, 462, 463

MANAGEMENT: 18, 31, 32, 34, 35, 66, 77, 88, 89, 118, 191, 219, 227, 257,
336, 393, 427, 429

MI GRATION: 46, 47, 48, 55, 78, 79, 86, 93, 101, 109, 119, 136, 150, 187,
202, 203, 206, 211, 216, 221, 223, 225, 257, 268, 276, 279, 298, 306,
310, 327, 337, 379, 381, 382, 384, 385, 421, 429, 433, 447

MORTALITY: 6, 24, 35, 72, 87, 88, 89, 99, 135, 193, 220, 278, 305, 429,
437, 440, 453, 460, 467

PHYSI OLOGY: 57, 58, 59, 64, 120, 197, 204, 206, 263, 272, 329, 330, 356,
357, 358, 367, 455

PLUMAGE: 9, 30, 46, 47, 48, 49, 52, 67, 83, 92, 93, 95, 98, 121, 122,
 123, 134, 156, 160, 168, 169, 174, 176, 205, 221, 250, 268, 270, 280,
 287, 297, 298, 308, 318, 320, 322, 323, 349, 357, 361, 368, 400, 407,
 412, 420, 422, 429, 465, 467

POLLUTION: 6, 32, 35, 50, 51, 66, 85, 105, 114, 124, 150, 162, 170, 183,
 189, 190, 194, 215, 216, 219, 222, 251, 256, 259, 274, 293, 294, 295,
 302, 305, 307, 398, 403, 423, 437, 440, 443, 456

POPULATION DYNAMICS: 27, 35, 108, 111, 116, 118, 168, 169, 172, 210, 236,
 245, 247, 298, 302, 304, 312

PREDATION: 20, 21, 35, 68, 76, 91, 110, 129, 208, 209, 210, 212, 245,
 251, 257, 258, 269, 277, 288, 296, 309, 314, 315, 319, 350, 351, 408,
 413, 426, 429, 453

PUBLIC INTEREST: 6, 17, 18, 73, 115, 125, 126, 215, 231, 241, 432

REPRODUCTION: 16, 25, 26, 44, 50, 51, 96, 103, 111, 134, 148, 151, 152,
 168, 170, 171, 172, 183, 186, 189, 190, 192, 193, 194, 195, 209, 210,
 214, 229, 230, 237, 244, 257, 258, 259, 261, 262, 281, 282, 283, 284,
 304, 305, 309, 314, 317, 346, 362, 370, 399, 400, 401, 403, 422, 453,
 454, 455, 463

RESEARCH: 2, 31, 32, 34, 35, 36, 51, 66, 87, 118, 120, 137, 208, 215,
 232, 236, 246, 253, 256, 273, 341, 348, 373, 393, 415

SPECIMEN RECORD: 7, 10, 11, 12, 13, 14, 15, 29, 37, 45, 52, 63, 74, 121,
 132, 138, 141, 142, 143, 144, 145, 153, 157, 163, 174, 182, 188, 239,
 240, 242, 268, 270, 286, 297, 313, 316, 320, 321, 337, 354, 361, 376,
 441, 462

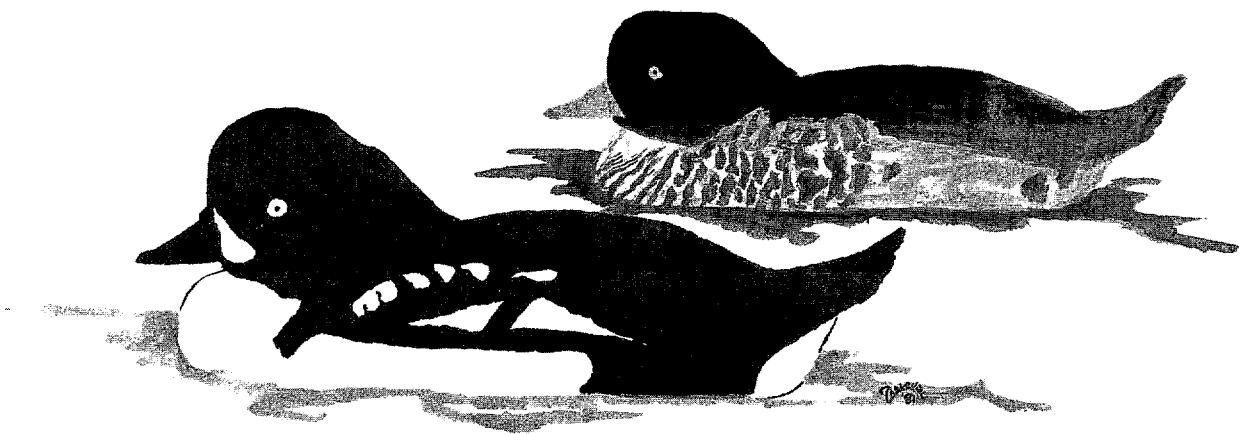
STATUS : 30, 35, 36, 37, 46, 47, 48, 50, 65, 71, 81, 92, 93, 94, 126, 172,
 189, 214, 243, 246, 253, 257, 258, 273, 298, 333, 336, 371, 373, 385,
 392, 400, 422, 429

SUBSISTENCE USE: 1, 44, 46, 47, 48, 49, 77, 125, 126, 191, 299, 309, 400,
 421, 422, 432

TAXONOMY: 5, 9, 35, 39, 43, 53, 63, 83, 92, 93, 121, 122, 123, 132, 158,
 174, 221, 250, 287, 297, 301, 306, 308, 313, 315, 318, 320, 322, 332,
 349, 365, 378, 406, 409, 410, 412, 429, 430, 431, 465

TECHNIQUES: 30, 51, 82, 98, 100, 109, 113, 124, 128, 137, 178, 179, 217,
 218, 252, 271, 360, 423, 458, 467

ZOOGEOGRAPHY: 35, 223, 226, 366, 385, 430, 431



WATERFOWL - BIBLIOGRAPHY

1. ABRAHAM, K.F. 1978. Adoption of Spectacle Eider ducklings by Arctic Loons. Condor 80:339-340.

This note describes the interactions between a brood of five Spectacle Eider ducklings and a pair of adult Arctic Loons. The author describes feeding behavior, parental transport of young, alarm responses, following responses, and preening-resting periods. MRP

Arctic - Beaufort (Storkersen Point)
Loons, ducks
Arctic Loon, Spectacle Eider
Behavior

2. AINLEY, D.G., and G.A. SANGER. 1979. Trophic relations of seabirds in the northeastern Pacific Ocean and Bering Sea. U.S. Fish and Wildl. Serv., Wildl. Res. Rep. 11:95-122.

This paper reviews the literature on the diets of seabirds found in the northeastern North Pacific Ocean and Bering Sea, and broadly characterizes the diet of each species. Additional research on seabird feeding relations is suggested. MRP

North Pacific
Bering Sea
Geese, ducks
Food, research

3. ALASKA DEPARTMENT OF FISH AND GAME. 1970 to present. Report of Survey and Inventory Activities. Unpublished annual reports. Fed. Aid in Wildl. Rest., Alaska.

These reports summarize information from surveys and inventories conducted in Alaska by State Fish and Game personnel. Many reports include results from hunter surveys, reports of banding activities, and information on production. MRP

Alaska
Waterfowl
Management, reproduction, abundance, habitat

4. ALDRICH, J.W. 1946. Speciation in the White-cheeked Geese. Wilson Bull. 58:94-103.

This paper briefly discusses general differences in morphology and ecology of Canada Geese, and describes specimens of geese collected in Alaska. MRP

Gulf of Alaska
Aleutians
Interior
Bering Sea
Geese
Canada Goose
Taxonomy, anatomy

5. ALDRICH, J.W. (ed.) 1949. Migration of Some North American Waterfowl. U.S. Fish and Wildl. Serv., Spec. Sci. Rep. Wildl. 1. 49 pp.

This report presents information on banding locations and recoveries of ducks and geese banded in North America. Chapters with information pertinent to Alaska are: "Migration of the Baldpate" by A.G. Smith; "Migration of the Green-winged Teal" by S.H. Low; "Distribution and Migration of Canvas-back Populations" by R.E. Stewart; and "Migration of the Greater Scaup Duck" by J.W. Aldrich. MRP

Alaska
Ducks
Green-winged Teal, American Wigeon, Canvasbacks, Greater Scaup
Migration

6. AMERICAN ORNITHOLOGISTS' UNION. 1977. Report of the Committee on Conservation. Auk 94 (4, Suppl.):1DD-19DD.

This paper appraises the Recovery Team - Recovery Plan approach to conservation of endangered species in the United States, and summarizes the status of recovery plans for each species. Included is a discussion of the status of the Aleutian Canada Goose and Peregrine Falcon. CMH

Aleutians
Geese
Canada Goose
Status, management

7. ANONYMOUS. 1970. Bird deaths mount in Alaska. Marine Poll. Bull. 1:66.

This note records the oiling, from an unknown source of crude or bunker oil, of an estimated 10,000 birds in the Kodiak Island archipelago during February and March 1970. Those species identified and others probably affected are listed. CMH

Gulf of Alaska - Kodiak
Grebes, geese, ducks
Pollution, public interest, mortality

8. BAILEY, A.M. 1922. Notes on the Yellow-billed Loon. Condor 24:204-205.

This paper summarizes sight and specimen records of the Yellow-billed Loon in southeastern Alaska in 1920. Anecdotal information is given on behavior and food habits. CMH

Gulf of Alaska - Southeastern
Loons
Yellow-billed Loon
Distribution, abundance, food, behavior

9. BAILEY, A.M. 1923. The haunts of the Emperor Goose. Nat. Hist. 23:172-181.

This narrative account describes collecting adult Emperor Geese and their eggs during the spring. Other common species of birds are briefly mentioned. MRP

Bering Sea - Norton Sound (Wales)
Geese
Emperor Goose
Specimen record

10. BAILEY, A.M. 1924. Four species new to North America. Condor 26:195.

Specimen records of Dafila acuta acuta (= *Anas acuta*) are presented. REG

Arctic - Chukchi (Wainwright)
Bering Sea - Norton Sound (Wales)
Ducks
Pintail
Distribution, specimen record

11. BAILEY, A.M. 1928. Notes on variations in the White-fronted Goose. Condor 30:164-165.

This paper discusses differences in two forms of Anser albifrons with special emphasis on their breeding distribution. REG

Arctic - Chukchi (Wainwright, Barrow)
Bering Sea - Yukon Delta (Igiak Bay)
Geese
White-fronted Goose
Taxonomy, distribution

12. BAILEY, A.M. 1929. Additional notes from Cape Prince of Wales, Alaska. Condor 31:224-225.

This note describes specimens of six species of birds collected in June 1928. That of the Red-breasted Merganser and Black Brant represent new nesting records for the area. REG

Bering Sea - Norton Sound (Cape Prince of Wales)
Geese, ducks
Brant, Pintail, Black Scoter, Red-breasted Merganser
Specimen record, distribution

13. BAILEY, A.M. 1930. The Pintails of Northwestern Alaska. Condor 32: 264-265.

This note considers the taxonomic affinities of Pintails from the Seward Peninsula. REG

Arctic - Chukchi (Barrow, Wainwright), Kotzebue Sound
Ducks
Pintail
Distribution, taxonomy

14. BAILEY, A.M. 1932. Additional records from Cape Prince of Wales, Alaska. Condor 34:47.

Specimens of Arctic Loon (Gavia arctica viridigularis), Dotterel, and Red-throated Pipit are reported. REG

Bering Sea - Norton Sound (Cape Prince of Wales)
Loons
Arctic Loon
Distribution, specimen record

15. BAILEY, A.M. 1933. The Baikal Teal from King Island, Alaska. Auk 50:97.
- This note records the collection of two male Baikal Teal on King Island. CMH
- Bering Sea - Norton Sound (King Is.)
Ducks
Baikal Teal
Distribution, specimen record
16. BAILEY, A.M. 1953. Green-throated Loon (Gavia arctica viridigularis) in southeastern Alaska. Auk 70:200.
- This paper records a specimen collected on May 13, 1948, in Chatham Strait. CMH
- Gulf of Alaska - Southeastern (Chatham Strait)
Loons
Arctic Loon
Specimen record
17. BAILEY, A.M. 1956. The Bean Goose and other birds from St. Lawrence Island, Alaska. Auk 73:560.
- This note presents the first record of this subspecies of Bean Goose (Anser fabalis serrirostris) collected in North America, and records specimens of six other uncommon species collected on St. Lawrence Island between 1950 and 1953. CMH
- Bering Sea - St. Lawrence Is.
Loons, grebes, geese
Arctic Loon, Red-necked Grebe, Bean Goose
Distribution, specimen record
18. BALDWIN, J.H. 1977. A comparative study of the Sandhill Crane subspecies, pp. 266-275. In C.B. DeWitt and E. Soloway (eds.), Wetlands Ecology, Values, and Impacts. Institute for Environmental Studies, Univ. Wisconsin, Madison.
- This paper compares the anatomy, physiology, and development of four subspecies of Sandhill Crane. Eggs of Grus canadensis canadensis were collected in Alaska, and chicks hatched from those eggs were included in the study. MRP
- Alaska
Cranes
Sandhill Crane
Growth, anatomy, physiology

19. BALDWIN, J.H. 1978. A comparative study of the Sandhill Crane subspecies, pp. 54-62. In Eastern Greater Sandhill Crane Symposium, 1977.

"This study defines and compares variation in the anatomy, physiology and development of four of the six Sandhill Crane subspecies. Eggs from four of the subspecies (including Al Asian)... were collected and transported to the International Crane Foundation where the chicks were hatched and reared under identical conditions." (From Wildlife Review 171:127. Original not seen). CMH

Alaska
Cranes
Sandhill Crane
Anatomy, physiology

20. BANKO, W.E. 1960. The Trumpeter Swan. North Am. Fauna 63. 214 pp*

This monograph presents a detailed account of the natural history of Trumpeter Swans. Most of the information is from Canada and the lower 48 states, however, information available from Alaska is included. MRP

Alaska
Swans
Trumpeter Swan
Abundance, distribution, breeding biology, habitat, food, management, population dynamics

- 21* BARRY, T.W. 1968. Observations on natural mortality and native use of eider ducks along the Beaufort Sea coast. Can. Field-Nat. 82:140-144.

The author describes a massive die-off of eiders, primarily King Eiders, along the Beaufort Sea coast in spring 1964. He also summarizes other major incidents of massive mortality, and compares these with the much lower mortality caused by subsistence use. CMH

Arctic - Beaufort
Ducks
Common Eider, King Eider
Mortality, subsistence

22. BARTELS, R.F. 1971. Waterfowl Observations, Western Beaufort Sea Ecological Cruise, 1971. Unpublished report. Iowa State Univ., Dept. Zool. Entom., Ames. 15 pp.

This paper presents information on the distribution of waterfowl observed in the western Beaufort Sea from August 17 to September 17, 1971. Vulnerability of the species to oil contamination is discussed. NMH

Arctic - Beaufort
Ducks
Oldsquaw
Pollution, distribution

23. BARTELS, R.F. 1973. Bird survey techniques on Alaska's north coast. M.S. thesis, Iowa State Univ., Ames. 47 pp.

This paper evaluates aerial survey techniques for estimating bird populations, and reports on the distribution of post-breeding waterfowl in Alaskan Arctic coastal waters. MRP

Arctic - Beaufort
Waterfowl
Techniques, distribution, abundance

24. BARTONEK, J.C. 1968. A Survey of Migratory Bird Problems in Alaska for the Purpose of Identifying Research Needs. Unpublished progress report. U.S. Fish and Wildl. Serv., Northern Prairie Wildl. Res. Center, Jamestown, N.D. 36 pp.

This paper identifies and discusses potential problems for birds arising from resource development and hunting, describes responsibilities of various management agencies, and suggests specific research projects which should be conducted in the state. CMH

Alaska
Waterfowl
Management, research

25. BARTONEK, J.C., J.G. KING, and H.K. NELSON. 1971. Problems confronting migratory birds in Alaska. Trans. N. Am. Wildl. Conf. 36:345-361.

This paper provides a general review of the principal habitats of breeding waterfowl, shorebirds, and seabirds; identifies the state and federal agencies managing these habitats; and discusses the types of resource development which may adversely affect birds. Recommendations for research and protection of avian habitats are made. MRP

Alaska
Waterfowl
Management, research

26. BARTONEK, J.C., and D.N. NETTLESHIP (eds.). 1979. Conservation of Marine Birds of Northern North America. U.S. Dept. Int., U.S. Fish and Wildl. Serv., Wildl. Res. Rep. 11. 319 pp.

This research report contains papers presented during the International Symposium on the Conservation of Marine Birds of Northern North America, May 13-15, 1975. Topics include: marine environment of birds; status of marine bird populations; the biology and ecology of marine birds in the north; conflicts between the conservation of marine birds and uses of other resources; programs and authorities related to marine bird conservation; and conservation of marine birds in other lands. MRP

Alaska
Waterfowl
Abundance, distribution, fishing, food, habitat, management, mortality, pollution, population dynamics, predation, research, status, taxonomy, zoogeography

27. BARTONEK, J. C., and S.G. SEALY. 1979. Distribution and status of marine birds breeding along the coasts of the Chukchi and Bering Seas. U.S. Fish and Wildl. Serv., Wildl. Res. Rep. 11:21-31.

This paper discusses the status and distribution of the species of marine birds breeding along the coasts of the Chukchi and Bering Seas, and identifies gaps in knowledge of the area. Recommendations for further research are presented. MRP

Arctic - Chukchi
Bering Sea
Waterfowl
Distribution, status, research

28. BAYSINGER, E. B., and R.D. BAUER. 1971. A documented instance of reverse migration in the Pintail. *Auk* 88:438.

This note reports on a Pintail banded in the Sacramento Valley of California in August and recovered near Wrangell, Alaska, the following October. REG

Gulf of Alaska - Southeastern (Wrangell, Stikine River Flats)
Ducks
Pintail
Migration

29. BELLROSE, F.C. 1976. Ducks, Geese, and Swans of North America. Stackpole Books, Harrisburg, Pa. 544 pp.

This book is an update of Kortright's (1942) classic work, The Ducks, Geese and Swans of North America. Included in this volume is a vast amount of information from unpublished reports and theses, as well as published material, much of it pertinent to Alaska. Species accounts are preceded by chapters that include general information on waterfowl surveys, migration corridors, population dynamics, classification, molts and plumages, migration, conservation, the role of hunting regulations, mortality and disease, and identification. MRP

Alaska
Swans, geese, ducks
Abundance, age and sex composition, anatomy, behavior, breeding biology, disease and parasites, distribution, food, habitat, management, migration, mortality, plumage, population dynamics, status, taxonomy

30. BELLROSE, F.C. 1979. Species distribution, habitats, and characteristics of breeding dabbling ducks in North America, pp. 1-15. In T.A. Bookhout (ed.), Waterfowl and Wetlands - an Integrated Review. LaCrosse Printing Co., Inc., LaCrosse, Wisconsin.

This paper reviews the abundance and distribution of dabbling ducks breeding in various habitats from the northcentral United States to the Arctic. Management strategies are suggested. MRP

Alaska
Ducks
Mallard, Gadwall, Pintail, Green-winged Teal, Blue-winged Teal, Northern Shoveler, American Wigeon
Abundance, distribution, habitat, management

31. BENT, A.C. 1919. Life Histories of North American Diving Birds. U. S. Natl. Mus. Bull. 107. 245 pp.

This is one part of the classic series on the life histories of North American birds. Accounts include detailed observations of various aspects of each species' life history. MRP

Alaska

Loons, grebes

Abundance, behavior, breeding biology, distribution, food, habitat, migration, plumage, status, subsistence

32. BENT, A.C. 1923. Life Histories of North American Wild Fowl. Part 1. U. S. Natl. Mus. Bull. 126. 250 pp.

This is one part of the classic series on the life histories of North American birds. Accounts include detailed observations of various aspects of each species' life history. MRP

Alaska

Ducks

Abundance, behavior, breeding biology, distribution, food, habitat, migration, plumage, status

33. BENT, A.C. 1925. Life Histories of North American Wild Fowl. Part 2. U. S. Natl. Mus. Bull. 130. 311 pp.

This is one part of the classic series on the life histories of North American birds. Accounts include detailed observations of various aspects of each species' life history. MRP

Alaska

Swans, geese, ducks

Abundance, behavior, breeding biology, distribution, food, habitat, migration, plumage, status

34. BENT, A.C. 1926. Life Histories of North American Marsh Birds. U. S. Natl. Mus. Bull. 135. 490 pp.

This is one part of the classic series on the life histories of North American birds. Accounts include detailed observations of various aspects of each species' life history. MRP

Alaska

Hérons, cranes, rails

Abundance, behavior, breeding biology, distribution, food, habitat, migration, plumage, status

35. BERGMAN, R.D., and D.V. DERKSEN. 1977. Observations on Arctic and Red-throated Loons at Storckersen Point, Alaska. Arctic 30:41-51.

This paper discusses habitat requirements and facets of the breeding biology of Arctic and Red-throated Loons at Storckersen Point from 1971 to 1975. Spring arrival, abundance, production, distribution of nests, and feeding habits are addressed. MRP

Arctic - Beaufort (Storckersen Point)
Loons
Arctic Loon, Red-throated Loon
Breeding biology, food

36. BIDERMAN, J.O., W.H. DRURY, J.B. FRENCH, JR., and S. HINCKLEY. 1978. Ecological studies in the northern Bering Sea: Birds of coastal habitats on the south shore of Seward Peninsula, Alaska, pp. 510-613. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, vol. 2* NOAA, Environ. Res. Lab., Boulder, Colo.

This reports information on the abundance, reproductive ecology, and foods of seabirds at several sites in Norton Sound in 1977. Concentrations of waterfowl along coastal habitats in spring and fall are mapped and discussed. Reproductive success of Whistling Swans is summarized. Census techniques, measurements of reproductive success, suggestions for future research, and possible effects of oil development are discussed. CMH

Bering Sea - Norton Sound
Swans, geese, ducks, cranes
Abundance, distribution, reproduction, pollution

37. BISHOP, L.B. 1921. Description of a new Loon. Auk 38:364-370.

The author examines meristic data of Common Loons, including specimens from Alaska, and proposes a new subspecies. REG

Alaska
Loons
Common Loon
Anatomy, distribution, specimen record, taxonomy

38. BOISE, C. 1976. Breeding biology of the Lesser Sandhill Crane - A preliminary report. Proc. Int. Crane Workshop 1:126-129.

Not reviewed.

Bering Sea - Yukon Delta
Cranes
Sandhill Crane
Breeding biology

39. BOISE, C.M. 1977. Breeding biology of the Lesser Sandhill Crane Grus canadensis (L.) on the Yukon-Kuskokwim Delta. M.S. thesis. Univ. Alaska, Fairbanks. 74 pp.

This study includes information on breeding ecology, distribution and abundance, food habits, and migration and wintering areas. The project included monitoring of a natural population; color-banding; and rearing of a captive chick for information on behavior and food habits. CMH

Bering Sea - Yukon Delta
Cranes
Sandhill Crane
Breeding biology, management, migration, distribution, food

40. BOISE, C.M. 1979. Lesser Sandhill Crane banding program on the Yukon-Kuskokwim Delta, Alaska, pp. 229-236. In Proc. 1978 Crane Workshop.

Not reviewed.

Bering Sea - Yukon Delta
Cranes
Sandhill Crane
Techniques, population dynamics

41. BRANDT, J.F. 1836. Note sur l'Anser canadensis et l'Anser pictus de la zoogeographie de Pallas. Bull. Sci. Acad. Imp. St. Petersb. 1(5):37.

This includes "notes on Anser leucopareus Aleutian Islands." (From Gabrielson and Lincoln, Birds of Alaska, 1959. Original not seen.) CMH

Aleutians
Geese
Canada Goose

42. BRANDT, J.F. 1849. *Fuligulam (Lampronettam) fischeri*, novam aviam Rossicarum speciem praenissis observationibus ad fuligarum generis sectionum et subgenerum quorundam characters et affinitates spectantibus descripsit. Imp. Acad. Sci. St. Petersburg, Mere. 6th Ser., 8:1-16.

This paper presents a "description of Spectacle Eider." (From Gabrielson and Lincoln, *Birds of Alaska*, 1959. Original not seen.) CMH

Alaska
Ducks
Spectacle Eider
Specimen record, taxonomy

43. BROMLEY, R.G.H. 1976. Nesting and habitat studies of the Dusky Canada Goose (*Branta canadensis occidentalis* Baird) on the Copper River Delta, Alaska. M.S. thesis. Univ. Alaska, Fairbanks. 81 pp

This thesis discusses the breeding ecology of the Dusky Canada Goose on the Copper River Delta, particularly in light of habitat requirements and the effect of the 1964 earthquake on habitat availability. CMH

Gulf of Alaska - Copper River (Copper R. Delta)
Geese
Canada Goose
Breeding biology, habitat, status

44. BROOKS, J. W., J.C. BARTONEK, D.R. KLEIN, D.L. SPENCER, and A.S. THAYER. 1971. Environmental Influences of Oil and Gas Development in the Arctic Slope and Beaufort Sea. U.S. Fish and Wildlife Serv. Resour. Publ. 96. 24 pp.

This paper describes in general the physical and demographic characteristics, fish and wildlife resources, and anticipated developments of the region, and outlines conflicts which are likely to arise. Recommendations are presented to mitigate environmental disturbance. CMH

Arctic
Waterfowl
Management, disturbance, pollution, research

- 45* BYRD, G. V., and P.F. SPRINGER. 1976. Restoration program for endangered Aleutian Canada Geese. Pac. Seabird Group Bull. 3(1) :22. (Abstract)

The authors discuss the program to increase the population of Aleutian Canada Geese to a safe level. Work includes a study of the geese on **Buldir** Island, captive propagation, removal of introduced predators, release of captive-raised birds, and a study during migration and on the wintering areas. MRP

Aleutians
Geese
Canada Goose
Research, management

46. CADE, T.J. 1955. Records of the Black **Brant** in the Yukon Basin and the question of a spring migration route. J. Wildl. Manage. 19:321-324.

The author presents a case, based on several specimens and observations, for a large and regular spring movement of **Brant** through the Yukon Basin. REG

Interior - Upper Yukon
Bering Sea - Yukon Delta
Geese
Brant
Migration, distribution

47. CAMPBELL, J.M. 1969. The Canvasbacks, Common Goldeneye, and **Bufflehead** in Arctic Alaska. Condor 71:80.

This note records the occurrence of these three species in the central Brooks Range. CMH

Interior - Koyukuk
Ducks
Canvasbacks, Common Goldeneye, **Bufflehead**
Distribution

48. CAMPBELL, J.M. 1969. Subspecific status of Branta canadensis in the central Brooks Range, Alaska. Condor 71:80-81.

This note presents evidence that both B. c. taverneri and B. c. parvipes occur in the central Brooks Range. REG

Interior - Koyukuk (Brooks Range, Anaktuvuk Pass)
Geese
Canada Goose
Taxonomy, distribution

49. CHAPMAN, J.A., C.J. HENNY, and H.M. WIGHT. 1969. The status, population dynamics, and harvest of the Dusky Canada Goose. Wildl. Monogr. 18:1-48.

This study evaluates the status of the Dusky Canada Goose, its population dynamics, and the effects of harvest on the population. MRP

Gulf of Alaska - Copper River (Copper R. Delta), Southeastern
Geese
Canada Goose
Management, status, population dynamics

50. CHILD, K.N. 1972. A new distributional record for the Gadwall. Can. Field-Nat. 86:291-292.

This note records the collection of a male Gadwall near the Arctic coast in summer 1971, representing the northernmost occurrence of the species in continental North America to that date. CMH

Arctic - Beaufort (Prudhoe Bay)
Ducks
Gadwall
Distribution

51. COALE, H.K. 1915. The present status of the Trumpeter Swan (Olor buccinator). Auk 32:82-90.

This paper summarizes the information available to that date on the status of the Trumpeter Swan. Mentioned is a report by Nelson of one nesting at Fort Yukon, Alaska. CMH

Interior - Upper Yukon (Ft. Yukon)
Swans
Trumpeter Swan
Status, distribution, abundance

52. CONANT, B. 1978. Goose Banding, Koyukuk and North Slope Alaska - 1978. Unpublished annual report. U.S. Fish and Wildl. Serv., Juneau, Alaska. 9 pp.

This report summarizes the numbers of birds banded in the Koyukuk and North Slope areas, and describes the techniques used. MRP

Arctic - Beaufort (Teshekpuk L.)

Interior - Koyukuk

Geese

Canada Goose, Brant, White-fronted Goose, Snow Goose

Techniques

53. CONANT, B., and J. HODGES. 1978. Fall Migration Survey Alaska Peninsula - 1978. Unpublished annual report. U.S. Fish and Wildl. Serv., Juneau, Alaska. 10 pp.

This trip report summarizes observations and problems from aerial waterfowl surveys conducted October 13-20, 1978, between Anchorage and Cold Bay. Appended is a proposed filming procedure for estimating Black Brant numbers in Izembek Lagoon. MRP

Bering Sea - Bristol Bay

Swans, geese, ducks

Techniques, abundance

54. CONANT, B., J.G. KING, J.I. HODGES, and L.M. DRESCH. 1979. Alaska Productivity Surveys of Geese, Swans, Brant and Bald Eagles 1979. Unpublished annual report. U.S. Fish and Wildl. Serv., Juneau, Alaska. 17 pp.

This report summarizes productivity data collected in 1979 during various projects. This is the beginning of an attempt to assemble and present the Alaska productivity data in a standard manner. MRP

Alaska

Swans, geese

Whistling Swan, Trumpeter Swan, Canada Goose, Brant, Emperor Goose, White-fronted Goose, Snow Goose

Reproduction

55. CONANT, B., R. KING, J.I. HODGES, and J.G. KING. 1980. A Winter Waterfowl Survey in Southeastern Alaska. Unpublished report. U.S. Fish and Wildl. Serv., Juneau, Alaska. 7 pp.

A random stratified plot sampling technique was devised to determine the number of waterfowl within a quarter mile of the coastline of the Alexander Archipelago during March. Population estimates and confidence levels are provided for Bald Eagles and for total ducks along coastlines and in open waters. PJG

Gulf of Alaska - Southeastern (Alexander Archipelago)
Ducks
Abundance, techniques

56. COOKE, M.T. 1943. Returns from banded birds: Some miscellaneous recoveries of interest. Bird-Banding 14:67-74.

Mention is made of a wigeon banded in Oregon and recovered in Alaska eight years later. REG

Arctic - Chukchi (Shishmaref)
Ducks
American Wigeon
Distribution, migration

57. COOKE, M.T. 1945. Returns from banded birds: Some interesting recoveries. Bird-Banding 16:15-21.

Individuals of Whistling Swan, White-fronted Goose, and Pintail, either banded or recovered in Alaska, are mentioned in this summary. REG

Bering Sea - Yukon Delta (Hooper Bay, Chevak), Norton Sound
(Gelovin)
Swans, geese, ducks
Whistling Swan, White-fronted Goose, Pintail
Migration

58. COOKE, W.W. 1915. The Yellow-billed Loon: A problem in migration. Condor 17:213-214.

The author suggests possible spring and fall migration routes for this species, including its Arctic Alaska, Canada, and Siberia populations. REG

Arctic
Loons
Yellow-billed Loon
Migration

59. COTTAM, C. 1936. Food habits of North American diving ducks. Ph.D. thesis. George Washington Univ. , Washington, D.C.

Not reviewed.

Alaska
Ducks
Food

60. COTTAM , C. 1939. Food Habits of North America Diving Ducks. U.S. Dept. **Agric.** Tech. Bull. 643. 139 pp.

This publication presents a detailed description and analysis of foods eaten by diving ducks. Data from specimens collected in Alaska are included. MRP

Alaska
Ducks
Food

61. COTTAM, C., and P. KNAPPEN. 1939. Food of some uncommon North American birds. *Auk* **56:138-169.**

This paper provides information on the foods of 47 species of birds, including six species collected in Alaska. CMH

Alaska
Loons, geese, ducks
Yellow-billed Loon, Emperor Goose, Green-winged Teal
Food

62. CROW, J.H. 1971. Earthquake-initiated changes in the nesting habitat of the Dusky Canada Goose, pp. 130-136. In K.B. Krauskopf (chairman), *The Great Alaska Earthquake of 1964: Biology. Natl. Research Council, Washington, D.C.*

This paper describes the nesting habitat of Dusky Canada Geese in the Copper River Delta before the 1964 earthquake, and describes changes caused by the uplift. MRP

Gulf of Alaska - Copper River (Copper R. Delta)
Geese
Canada Goose
Habitat

63. DAU, C.P. 1974. Nesting biology of the Spectacle Eider Somateria fischeri (Brandt) on the Yukon-Kuskokwim Delta, Alaska. M.S. thesis. Univ. Alaska, Fairbanks. 72 pp.

This thesis describes the breeding biology of the Spectacle Eider. Topics include migration, nests and nest sites, eggs and egg laying, incubation, reproductive success, broods, and foods and feeding behavior. MRP

Bering Sea - Yukon Delta
Ducks
Spectacle Eider
Breeding biology, food, migration

64. DAU, C.P. 1975. Occurrence and possible significance of an abnormal plumage in a Spectacle Eider. Murrelet 45:17.

This paper describes an adult male Spectacle Eider with a black chevron in the throat region. MRP

Bering Sea - Yukon Delta (Hooper Bay)
Ducks
Spectacle Eider
Plumage

65. DAU, C.P. 1976. Capturing and marking Spectacle Eiders in Alaska. Bird-Banding 47:273.

This note describes use of a gill net to trap adult female and young Spectacle Eiders. Recaptures and sightings of marked birds provided information on site tenacity and return rates. CMH

Bering Sea - Yukon Delta
Ducks
Spectacle Eider
Techniques, behavior, reproduction

66. DAU, C.P. 1976. Clutch sizes of the Spectacle Eider on the Yukon-Kuskokwim Delta, Alaska. Wildfowl 27:111-113.

This paper discusses factors influencing nesting and clutch size of Spectacle Eiders, including climatological factors and habitat availability. MRP

Bering Sea - Yukon Delta
Ducks
Spectacle Eider
Reproduction, habitat

67. DAU, C.P. 1978. Observations on helminth parasites of the Spectacled Eider, Somateria fisheri (Brandt), in Alaska. Can. J. Zool. 56:1882-1885.

This note describes the helminth parasites from 11 Spectacle Eiders collected on the Yukon-Kuskokwim Delta. Parasites are discussed as a possible compounding factor in the mortality of young birds after they leave the breeding grounds. MRP

Bering Sea - Yukon Delta
Ducks
Spectacle Eider
Disease and parasites

68. DAU, C.P., and S.A. KISTCHINSKI. 1977. Seasonal movements and distribution of the Spectacle Eider. Wildfowl 28:65-75.

The authors review the published and unpublished information available on the distribution and spring migration of Spectacle Eiders. Post-breeding migration routes, molting areas, and wintering distribution of the species are discussed. A wintering area in the Bering Sea is hypothesized. MRP

Alaska
Ducks
Spectacle Eider
Distribution, migration

69. DAU, C.P., and P.G. MICKELSON. 1979. Relation of weather to spring migration and nesting of Cackling Geese on the Yukon-Kuskokwim Delta, Alaska, pp. 94-104. In R.L. Jarvis and J.C. Bartonek (eds.), Management and Biology of Pacific Flyway Geese, A Symposium. OSU Book Stores, Inc., Corvallis, Oregon.

This paper reports on the phenology of spring migration and nesting of Cackling Geese from 1969 through 1978. Photoperiod, weather, and timing of snow melt and runoff are discussed in relation to timing of arrival and nesting. MRP

Bering Sea - Yukon Delta
Geese
Canada Goose
Reproduction

70. DAVIS, R. A., and A.N. WISELEY. 1974. Normal behaviour of Snow Geese on the Yukon-Alaska North Slope and the effects of aircraft-induced disturbance on this behaviour, September 1973. *Arct. Gas Biol. Rep. Ser.* 27:1-85.

This paper reports normal behavior of Snow Geese during staging, and evaluates the effects on their behavior of overflights by various types of aircraft. MRP

Arctic - Beaufort
Geese
Snow Goose
Disturbance, behavior

71. DEGANGE, A. R., and J.W. NELSON. 1978. Additional Studies of Seabirds on the Forrester Island National Wildlife Refuge, 31 May - 17 June 1977. Unpublished report. U.S. Fish and Wildl. Serv., Anchorage, Alaska. 29 pp.

This is a report of a short-term study of seabirds on the Forrester Island National Wildlife Refuge in 1977. Emphasis was on establishing permanent study plots, and determining breeding densities for comparison in other years. MRP

Gulf of Alaska - Southeastern (Forrester Is1 and NWR)
Loons, ducks
Yellow-billed Loon, Surf Scoter
Distribution, annotated list

72. DELACOUR, J. 1951. Preliminary note on the taxonomy of Canada Geese, *Branta canadensis*. *Am. Mus. Novit.* 1537:1-10.

This paper provides a general description of the subspecies of Canada Geese, and includes measurements from specimens and a brief description of known breeding areas. MRP

Alaska
Geese
Canada Goose
Taxonomy, anatomy, distribution

73. DELACOUR, J. 1954-1964. The Waterfowl of the World. Vols. 1-4. Arco Publishing Company, Inc., New York.

These volumes address the taxonomic relationships of the waterfowl of the world. Detailed descriptions of species and subspecies of ducks, geese, and swans in Alaska are included. For each species, descriptions of distribution and general habits are included. Volume 4 contains chapters on general habits, the reproductive cycle, ecology, distribution and species relationships, hunting, conservation and management, aviculture, anatomy, and fossil Anseriformes. MRP

Alaska

Swans, geese, ducks

Abundance, distribution, breeding biology, food, habitat, management, migration, plumage, status, taxonomy

74. DELACOUR, J. , and S.D. RIPLEY. 1975. Description of a new subspecies of the White-fronted Goose Anser albifrons. Am. Mus. Novit. 2565:1-4.

This paper describes a new subspecies of White-fronted Goose (Anser albifrons elgasi). A breeding range in the taiga zone in Alaska is postulated. MRP

Alaska

Geese

White-fronted Goose

Taxonomy, anatomy, distribution

75. DELACOUR, J. , and J.T. ZIMMER. 1952. The identity of Anser nigricans Lawrence 1846. Auk 69:82-84.

Four subspecies of Anser nigricans (= Branta bernicla) are proposed. REG

Alaska

Geese

Brant

Taxonomy

76. DEMENT'EV, G. P., and N.A. GLADKOV (eds.). 1951. Birds of the Soviet Union, Vol. 2. [Transl. from Russian.] Israel Prog. Sci. Transl., Jerusalem. 553 pp.

This volume contains natural history accounts of all species of cranes, **alcids**, loons, grebes, tubenoses, and herons occurring in the Soviet Union. Some information on species also occurring in Alaska is included. MRP

Alaska

Loons, grebes, herons, cranes

Abundance, distribution, behavior, breeding biology, food, habitat, migration, status, taxonomy, plumage

77. DEMENT'EV, G. P., and N.A. GLADKOV (eds.). 1952. Birds of the Soviet Union, Vol. 4. [Transl. from Russian.] Israel Prog. Sci. Transl., Jerusalem. 683 pp.

This volume contains natural history accounts of all species of Anseriformes occurring in the Soviet Union. Some information on species also occurring in Alaska is included. MRP

Alaska

Swans, geese, ducks

Abundance, distribution, behavior, breeding biology, food, habitat, migration, status, taxonomy, plumage

78. DERKSEN, D. V., and W.D. ELDRIDGE. 1980. Drought-displacement of Pintails to the Arctic Coastal Plain, Alaska. J. Wildl. Manage. 44:224-229.

This paper presents information on Pintail migration, breeding densities, and production at sites on the Arctic Coastal Plain from 1971 to 1978, and relates those data to wetland conditions in the prairie pothole region. The importance of the availability of rich invertebrate food resources and stable water levels to drought-displaced Pintails is discussed. MRP

Arctic - Beaufort

Ducks

Pintail

Abundance, migration, food, habitat

79. DERKSEN, D. V., M.W. WELLER, and W.D. ELDRIDGE. 1979. Distributional ecology of geese molting near Teshekpuk Lake National Petroleum Reserve - Alaska, pp. 189-207. In R.L. Jarvis and J.C. Bartonek (eds.), Management and Biology of Pacific Flyway Geese. A Symposium. OSU Book Stores, Inc., Corvallis, Oregon.

This paper describes the numbers, movements, and habitat requirements of geese molting near Teshekpuk Lake from 1976 to 1978. Recommendations are included for protection of the area from impacts of petroleum development. MRP

Arctic - Beaufort (Teshekpuk L.)

Geese

Canada Goose, Brant, White-fronted Goose, Snow Goose

Status, research, migration, plumage, habitat, disturbance, abundance

80. DIXON, J. 1916. Migration of the Yellow-billed Loon. Auk 33:370-376.

This paper presents observations on the migration of Yellow-billed Loons along the Beaufort Sea coast, and summarizes other observations. Fall migration routes could not be clearly defined. Observations during spring migration are discussed. MRP

Arctic - Beaufort

Loons

Yellow-billed Loon

Migration

81. DRURY, W.H. 1979. Population dynamics of northern marine birds. U.S. Fish and Wildl. Serv., Wildl. Res. Rep. 11:123-139.

This paper discusses human activities and natural processes that have caused changes in numbers and the distribution of seabirds, and presents a short discussion of theoretical models. Several goals for improving our understanding of the population dynamics and biology of marine birds are identified. MRP

Alaska

Waterfowl

Population dynamics, research, management

82. DRURY, W.H., and B.B. STEELE. 1977. Studies of populations, community structure and ecology of marine birds at King Island, Bering Strait Region, Alaska, pp. 75-149. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 5. NOAA, Environ. Res. Lab., Boulder, Colo.

Population estimates are presented for 11 species of seabirds nesting on King Island in 1976. Information on phenology, reproductive success, and food habits is provided for some. Distribution of waterfowl and seabirds at sea is discussed briefly. CMH

Bering Sea - Norton Sound (King Is.)
Ducks
Distribution

83. DUNAGAN, T.T. 1957. Paramonostomum malerischi n. sp. (Trematoda: Digenea: Notocotylidae) from the Emperor Goose (Phalacrocorax canagica L.) in Alaska. J. Parasitol. 43:586-589.

A new species of trematode is described from the coecum of an Emperor Goose collected near Nome. CMH

Bering Sea - Norton Sound (Nome)
Geese
Emperor Goose
Disease and parasites

84. DUNN, E.H. 1979. Time-energy use and life history strategies of northern seabirds. U.S. Fish and Wildl. Serv., Wildl. Res. Rep. 11:141-166.

This paper reviews information on the life history strategies and annual cycles of northern seabirds, particularly to determine the periods when they are most vulnerable to stress. MRP

Alaska
Ducks
Common Eider
Physiology, research

85. DWIGHT, J. 1918. A new species of loon (Gavia viridigularis) from Northeastern Siberia. Auk 35:196-199.

The author describes a new species of loon from northeastern Siberia and western Alaska, Gavia viridigularis, now considered G. arctica viridigularis. He considers three Alaska specimens mentioned by Hersey (Auk 34:283-290, 1917) to be this species. CMH

Bering Sea - Norton Sound (St. Michael, Nome), Pribilof Is.
Loons
Arctic Loon
Taxonomy, plumage

86. EINARSEN, A.S. 1965. Black Brant, Sea Goose of the Pacific Coast. Univ. Washington Press, Seattle, Washington. 142 pp.

This book summarizes published and unpublished data on the natural history of Black Brant. MRP

Alaska
Geese
Brant
Distribution, abundance, breeding **biology**, foods, migration, predation, management, public interest, plumage, habitat

87. EISENHAUER, D.I., and C.M. KIRKPATRICK. 1977. Ecology of the Emperor Goose in Alaska. Wildl. Monogr. 57:1-62.

This is a comprehensive reference on nesting ecology and behavior of Emperor Geese on the central Yukon Delta. Included are observations of wintering birds along the Alaska Peninsula and at Adak Island. MRP

Bering Sea - Yukon Delta (Kokechik Bay), Bristol Bay (Alaska P.)
Aleutians - (Adak Is.)
Geese
Emperor Goose
Breeding biology, behavior, management, research

88. EISENHAUER, J.H. 1978. Nesting ecology and behavior of Pacific Brant in Alaska. Proc. Mont. Acad. Sci. 37:85. (Abstract)

This brief abstract reports on the nesting success and clutch size of Black Brant on the Yukon-Kuskokwim Delta. MRP

Bering Sea - Yukon Delta
Geese
Brant
Reproduction, subsistence

89. ELKINS, W.A. 1952. Alaska Waterfowl Breeding Ground Survey. Unpublished report. Project No. W-3-R-6. Fed. Aid in Wildl. Rest. , Alaska 6(4):9-15.

This report summarizes the June waterfowl transect information for Alaska. MRP

Gulf of Alaska - Copper River
Arctic - Kotzebue Sound
Interior - Innoko, Tanana, Koyukuk, Upper Yukon
Bering Sea - Yukon Delta
Swans, geese, ducks
Status, abundance, distribution

90. ELY, C.R. 1979. Breeding biology of White-fronted Geese. M.S. thesis, Univ. Calif., Davis. 110 pp.

This thesis presents a study of the breeding biology of White-fronted Geese on the Yukon-Kuskokwim Delta. The most important factors controlling reproduction are summarized. MRP

Bering Sea - Yukon Delta
Geese
White-fronted Goose
Breeding biology

91. FAY, F.H. 1961. The distribution of waterfowl to St. Lawrence Island, Alaska. Wildfowl 12:70-80.

This paper reports observations of waterfowl on St. Lawrence Island, Alaska. Changes in status and in the seasonal distribution and abundance are described for several species. Historic and current Eskimo waterfowl harvests are compared to determine changes in abundance of waterfowl. MRP

Bering Sea - St. Lawrence Is.
Swans, geese, ducks
Abundance, checklist, distribution, migration, status, subsistence, zoogeography

92. FLOCK, W.L. 1972. Radar observations of bird migration at Cape Prince of Wales. Arctic 25:83-98.

Observations of bird migration in springs 1969 and 1970, and fall 1969 are presented. Two species were positively identified, and several others suspected from the radar observations. Migration between Siberia and Alaska was examined by use of automatic camera exposures of the radar screen. M R P

Bering Sea - Norton Sound (Cape Prince of Wales)
Geese, cranes
Snow Goose, Sandhill Crane
Migration, techniques

93. FLOCK, W.L. 1973. Radar observations of bird movements along the Arctic Coast of Alaska. Wilson Bull. 85:259-275.

Bird movements along the Arctic Coast were studied at six DEW radar sites. King and Common Eiders are treated in detail, but other water-related birds are discussed. Some visual observations are presented. CMH

Arctic - Beaufort (Lonely, Oliktok, Barter Is.), Chukchi (Point Lay, Wainwright, Barrow)
Swans, geese, ducks
Whistling Swan, Brant, White-fronted Goose, Snow Goose, Oldsquaw, Common Eider, King Eider
Migration

94. FLOCK, W.L. 1976. The spring bird migration at Pt. Barrow. Pac. Seabird Group Bull. 3(1):22-23. (Abstract)

Spring migration past Pt. Barrow was monitored in 1974. Migration routes and influence of wind on the timing of migration are discussed. MRP

Arctic - Chukchi (Pt. Barrow)
Waterfowl
Migration

95. FRANCIS, K. (cd.). 1976. Arctic Slope Snow Goose studies. Northeast by East, Rev. Alaskan Arct. Gas Res. 1(4):1-4.

Not reviewed.

Arctic
Geese
Snow Goose

96. FRAZER, D.A., and C.M. KIRKPATRICK. 1979. Parental and brood behaviour of Emperor Geese in Alaska. *Wildfowl* 30:75-85.

This paper describes parental and brood behavior of Emperor Geese before, during, and after departure from the nest. Behavior of captive goslings is also described. MRP

Bering Sea - Yukon Delta (Kokechik Bay)
Geese
Emperor Goose
Behavior

97. FRIEDMANN, H. 1938. Further records from St. Lawrence Island, Alaska. *Condor* 40:88.

This note reports on three species of birds new to the island and one new to North America. REG

Bering Sea - St. Lawrence Is.
Geese, ducks
White-fronted Goose, Green-winged Teal
Specimen record, distribution

98. FRIEDMANN, H. 1948. The Green-winged Teal of the Aleutian Islands. *Proc. Biol. Soc. Wash.* 61:157-158.

This note presents measurements of Green-winged Teal (Anas crecca nimia) collected in the Aleutian Islands. MRP

Aleutians
Ducks
Green-winged Teal
Taxonomy, anatomy

99. FRITSCH, L.E., and I.O. BUSS. 1958. Food of the American Merganser in Unakwik Inlet, Alaska. *Condor* 60:410-411.

This paper presents information on the food habits of the American (= Common) Merganser based on analysis of stomach contents from 55 birds. MRP

Gulf of Alaska - Prince William Sound (Unakwik Inlet)
Ducks
Common Merganser
Food

- 100* GABRIELSON, I.N. 1941. **Baikal** Teal on St. Lawrence Island, Alaska. Auk 58:400.

This note documents the collection of a pair of **Baikal** Teal on St. Lawrence Island. CMH

Bering Sea - St. Lawrence Is.
Ducks
Baikal Teal
Distribution, specimen record

101. GABRIELSON, I.N. 1946. Trumpeter Swans in Alaska. Auk 63:102-103.

The author reports a population of 350 swans wintering in the vicinity of Ketchikan, which he surmises to be Trumpeter Swans. CMH

Gulf of Alaska - Southeastern (Ketchikan)
Swans
Trumpeter Swan
Distribution, abundance

102. GABRIELSON, I.N. 1947. A North American record of the Bean Goose. Auk 64:325.

The author describes the collection of a specimen of Anser fabalis sibiricus on St. Paul Island on April 19, 1946. REG

Bering Sea - Pribilof Is. (St. Paul Is.)
Geese
Bean Goose
Distribution, specimen record

103. GABRIELSON, I.N. 1952. Alaskan waterfowl and their management, pp. 292-305. In H.B. Collins (ed.), Science in Alaska. Arctic Institute of North America, Washington, D.C.

This article presents historical and current information on the importance of Alaska to North America waterfowl populations, and discusses at length problems confronting these populations. Several recommendations are listed to offset the decline of waterfowl populations in Alaska. REG

Alaska
Waterfowl
Management, subsistence

104. GABRIELSON, I.N., and F.C. LINCOLN. 1953. Status of the Lesser Common Loon. Condor 55:314-315.

The authors recommend that Gavia immer elasson be placed in synonymy and that G. immer be restored to its monotypic status.
REG

Alaska
Loons
Common Loon
Taxonomy

105. GEIST, O.W. 1939. Sea birds found far inland in Alaska. Condor 41:68-70.

The author reports occurrence of a Crested Auklet and a Fork-tailed Storm-Petrel far inland, and describes the weather conditions associated with each incident. He also provides observations on behavior of birds during a storm at St. Lawrence Island, briefly discussing possible ties between such behavior and anomalous sightings. CMH

Bering Sea - St. Lawrence Is.
Ducks
Oldsquaw, Common Eider, King Eider
Behavior

106. GILL, R., JR., C. HANDEL, and M. PETERSEN. 1979. Migration of birds in Alaska marine habitats, pp. 245-288. In Environmental Assessment of the Alaskan Continental Shelf, Final Reports of Principal Investigators, Vol 5. NOAA, Environ. Res. Lab., Boulder, Colo.

This report summarizes published and unpublished information on spring and fall migration routes and staging areas. The species addressed are those thought to be highly vulnerable to oil contamination in Alaskan marine waters. REG

Alaska
Waterfowl, ducks, geese
Brant, Emperor Goose, Steller's Eider, Common Eider, King Eider,
White-winged Scoter, Surf Scoter, Black Scoter
Migration, habitat, pollution

107. GILL, R., M. PETERSEN, C. HANDEL, J. NELSON, A. DEGANGE, A. FUKUYAMA, and G. SANGER. 1978. Avifaunal assessment of Nelson Lagoon, Port Moller, and Herendeen Bay, Alaska - 1977, pp. 69-131. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 3. NOAA, Environ. Res. Lab., Boulder, Colo.

The distribution and abundance of waterfowl and shorebirds along the northcentral Alaska Peninsula are reported, with maps showing critical feeding and roosting areas. Information on the reproductive success of Common Eiders is also included. Appended is the paper "Feeding ecology of Steller's Eider." CMH

Bering Sea - Bristol Bay (Nelson Lagoon, Herendeen Bay)
Geese, ducks
Emperor Goose, Pintail, Oldsquaw, Common Eider, Steller's Eider,
Black Scoter
Abundance, food, plumage, reproduction, habitat

108. GRAY, G.R. 1855. On a new species of Somateria and the female of Lampronetta fischeri Brandt. Proc. Zool. Soc. London 23:211-212.

This paper presents the "original description of the Pacific Eider and the description of the Spectacle Eider from specimens collected in Kotzebue and Norton Sounds respectively." (From Gabrielson and Lincoln, Birds of Alaska, 1959. Original not seen.) CMH

Arctic - Kotzebue Sound
Bering Sea - Norton Sound
Ducks
Spectacle Eider, Common Eider
Plumage, specimen record, taxonomy

109. GRAY, G.R. 1859. Description of a new species of diver (Colymbus). Proc. Zool. Soc. London 27:167.

This paper presents the original description of Colymbus adamsii (= Gavia adamsii) based on a specimen taken in Bering Strait. (From Gabrielson and Lincoln, Birds of Alaska, 1959. Original not seen.) CMH

Bering Sea - Norton Sound (Bering Strait)
Loons
Yellow-billed Loon
Taxonomy, specimen record

110. GRIFFIN, D.R. 1951. Alaskan bird migrations, pp. 11-20. In Research Reviews. Office of Naval Research, Dept. Navy, Wash., D.C.

This paper, based primarily on the author's homing study of Semi palmed Plovers, discusses possible mechanisms birds use in navigating during migration. CMH

Arctic - Beaufort (Umiat)
Geese
Snow Goose
Migration

111. HADDOCK, L. 1970. North Slope Breeding Waterfowl Populations Survey - 1970. Unpublished report. U.S. Fish and Wildl. Serv., Anchorage, Alaska. 4 pp.

This report summarizes the results of a survey of populations of waterfowl breeding on the North Slope. Census procedures and the efficiency of helicopter surveys are discussed. NMH

Arctic - Beaufort
Waterfowl
Abundance, techniques

112. HALL, E.S., JR. 1969. Avian remains from the Kangiguksuk site, northern Alaska. Condor 71:76-77.

The author describes the avian remains excavated from a single Eskimo house occupied in the 16th century. He then discusses the probable means of hunting, the probable uses of each species, and the importance of such excavations for determining historical distribution of avian species. CMH

Arctic - Kotzebue Sound (Noatak R.)
Loons, swans
Arctic Loon, Red-throated Loon, Whistling Swan
Subsistence, distribution, archeology

113. HAMILTON, R.D. 1950. Food of young Pintail duck, Anas acuta, in Alaska. Auk 67:383.

The author reports on the stomach contents of a downy young Pintail and identifies needs for further studies. MRP

Arctic - Kotzebue Sound (Kobuk R.)
Ducks
Pintail
Food

114. HANDEL, C.M. 1970 Preliminary Assessment of Impacts to Bird Resources from the Grounding of the F/V Ryuyo Maru No. 2 on St. Paul Island, Alaska. Unpublished report. U.S. Fish and Wildl. Serv., Anchorage, Alaska. 17 pp.

This report presents observations of oil contamination in Salt Lagoon on St. Paul Island after the grounding of the F/V Ryuyo Maru No. 2 on November 8, 1979. The effects on the birds and other marine life are discussed. MRP

Bering Sea - Pribilof Is. (St. Paul Is.)
Loons, grebes, geese, ducks
Pollution, checklist

115. HANNA, G.D. 1922. Bird drives in the Yukon Delta. Condor 24:100.

This is a brief account of Alaska Natives rounding up flightless waterfowl on the Yukon-Delta for subsistence purposes. REG

Bering Sea - Yukon Delta (Nelson Is.)
Geese, ducks
Management, public interest, subsistence

116. HANSEN, H.A. 1956-1961. Annual Waterfowl Report, Alaska. Unpublished annual reports. Bureau of Sport Fisheries and Wildlife, Waterfowl Investigations, Juneau, Alaska.

This series of annual reports presents information from waterfowl studies, surveys, and banding programs, and discusses techniques as well as results. Although much of the new data can be found in the Federal Aid in Wildlife Restoration reports, they are summarized and discussed in these reports. MRP ' "

Alaska
Waterfowl
Abundance, distribution, age and sex composition, reproduction, techniques, habitat, mortality

117. HANSEN, H.A. 1957. Migratory Waterfowl Studies. Unpublished job completion report. Project No. W-3-R-12. Fed. Aid in Wildl. Rest. , Alaska 12(5):1-5.

This reports on a waterfowl study conducted in 1957 in the Selawik area. Primary emphasis was on banding and on assessing waterfowl production. MRP

Arctic - Kotzebue Sound (Selawik)
Geese, ducks
Abundance, reproduction

118. HANSEN, H.A. 1960. Changed status of several species of waterfowl in Alaska. Condor 62:136-137.

This note presents summer records which indicate a change in population status for five species of ducks in Alaska. The significance of a drought in the Canadian prairies is discussed. CMH

Interior - Tanana (Tetlin)
Gulf of Alaska - Copper River
Ducks
Blue-winged Teal, Redhead, Ring-necked Duck, Canvasbacks, Ruddy Duck
Distribution, abundance

119. HANSEN, H.A. 1961. Loss of waterfowl production to tide floods. J. Wildl. Manage. 25:242-248.

Data from studies on the Yukon-Kuskokwim Delta and the Copper River Delta are summarized with respect to tidal fluctuation and the timing of the nesting period. Losses from total destruction of nests and from lowered viability of eggs due to flooding are compared. MRP

Bering Sea - Yukon Delta
Gulf of Alaska - Copper River (Copper R. Delta)
Geese, ducks
Mortality

120. HANSEN, H.A. 1962. Alaska's waterfowl nesting habitat. Alaska Sportsman 28(6):20-22.

The regions of Alaska with the greatest densities of nesting waterfowl are outlined. The importance of habitat in Alaska for production of North American waterfowl is discussed. NMH

Alaska
Swans, geese, ducks
Public interest

121. HANSEN, H.A. 1962. Canada Geese of coastal Alaska. Trans. N. Am. Wildl. Nat. Resour. Conf. 27:301-320.

Based on ten years of banding data and a detailed production study in Alaska, this paper provides a comprehensive synthesis of information on breeding and wintering distribution, migration, population estimates, survival rates, harvest, and management of Branta canadensis fulva and B. c. occidentals. CMH

Gulf of Alaska - Copper River (Copper R. Delta), Southeastern (Glacier Bay)
Geese
Canada Goose
Distribution, abundance, migration, reproduction, management, population dynamics

122. HANSEN, H.A. 1973. Trumpeter Swan management. Wildfowl 24:27-32.

This paper presents a summary of the population status of this species in North America. The Alaska population is discussed throughout. REG

Alaska
Swans
Trumpeter Swan
Management, status

123. HANSEN, H.A., and D.E. MCKNIGHT. 1964. Emigration of drought-displaced ducks to the Arctic. Trans. N. Am. Wildl. Conf. 29:119-127.

This paper describes the immigration of large populations of ducks into Alaska from Canadian provinces during times of drought. Factors responsible, routes taken, and reproductive success of displaced ducks are discussed. REG

Alaska
Ducks
Distribution, management, reproduction

124. HANSEN, H.A., and U.C. NELSON. 1957. Brant of the Bering Sea - migration and mortality. Trans. N. Am. Wildl. Nat. Resour. Conf. 22:237-256.

This paper summarizes nine years of banding data. Migration routes, wintering areas, mortality factors, and management needs are discussed. REG

Bering Sea - Yukon Delta
Geese
Brant
Migration, mortality, management

125. HANSEN, H.A., P.E.K. SHEPHERD, J.G. KING, and W.A. TROYER. 1971. The Trumpeter Swan in Alaska. Wildl. Monogr. 26:1-83.

This is a major contribution on the biology of Trumpeter Swans in Alaska. Primary study areas were on the Copper River Delta and the Kenai Peninsula. Other information is presented as available. MRP

Alaska
Gulf of Alaska - Copper River (Copper R. Delta), Cook Inlet
(Kenai Peninsula)
Swans
Trumpeter Swan
Breeding biology, migration

126. HARRIS, S.W., and P.E.K. SHEPHERD. 1965. Age determination and notes on the breeding age of Black Brant. J. Wildl. Manage. 29:643-645.

This note presents a means of ageing Black Brant based on coloration of secondary coverts. Age of first breeding is discussed. NMH

Bering Sea - Yukon Delta
Geese
Brant
Techniques

127. HASBROUK, E.M. 1944. Apparent status of the European Widgeon in North America. Auk 61:93-104.

Records of occurrence of this species in North America are summarized by region and state. Ten records are presented from Alaska, all from islands of the Bering Sea or the Aleutians. REG

Aleutians
Bering Sea
Ducks
European Widgeon
Distribution, status

128. HATCH, S.A. 1979. Breeding Canada Geese on Kaliktagik Island, Alaska. Unpublished report. U.S. Fish and Wildl. Serv., Anchorage, Alaska. 10 pp.

This report provides a summary of observations of Canada Geese on Kaliktagik and Anowik Islands from 1976 to 1979. The islands may be a previously undescribed nesting area for Aleutian Canada Geese. MRP

Gulf of Alaska - Kodiak (Semi Is.)
Geese
Canada Goose
Distribution, abundance, anatomy

129. HATCH, S.A., D.R. NYSEWANDER, A.R. DEGANGE, M.R. PETERSEN, P.A. BAIRD, K.D. WOHL, and C.J. LENSINK. 1978. Population dynamics and trophic relationships of marine birds in the Gulf of Alaska and southern Bering Sea, pp. 1-68. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 3. NOAA, Environ. Res. Lab., Boulder, Colo.

This report presents a brief synopsis of the results of studies conducted during summer 1977 at one site on the Bering Sea and at seven sites in the Gulf of Alaska. Information on breeding distribution and abundance, nesting habitat, phenology, nesting success, and feeding ecology is summarized for 16 species of marine birds. CMH

Bering Sea
Gulf of Alaska
Ducks
Common Eider
Distribution, abundance, habitat, reproduction, food

130. HEMMING, J.E. 1968. Copulatory behavior of the Red-necked Grebe on open water. Wilson Bull. 80:326-327.

Copulation by a pair of grebes on open water is described. REG

Gulf of Alaska - Cook Inlet (Spenard L.)
Grebes
Red-necked Grebe
Behavior

131. HENNY, C.J. 1973. Drought displaced movement of North American Pintails into Siberia. J. Wildl. Manage. 37:23-29.

Based on an analysis of band recoveries, this paper examines movements of Pintail to breeding areas in Siberia, Alaska, and northern Canada during years of drought in interior North America. CMH

Alaska
Ducks
Pintail
Distribution, migration, habitat

132. HERSEY, F.S. 1917. The status of the Black-throated Loon (Gavia arctica) as a North American bird. Auk 34:283-290.

The author summarizes the status of G. arctica in 1917, when it was considered a separate species from G. pacifica (now G. arctica pacifica). CMH

Alaska
Loons
Arctic Loon
Distribution, status

133. HIBBEN, F. Co, MRS. 1942. Pacific Eider nesting at Glacier Bay, Alaska. Condor 44:182.

This note provides the first breeding record of the Common Eider in Glacier Bay. Observations of Horned and Tufted Puffins, Glaucous-winged Gulls, and Pigeon Guillemots are also mentioned. CMH

Gulf of Alaska - Southeastern (Glacier Bay)
Ducks
Common Eider
Distribution

134. HILL, G.A. 1923. The migration of the King Eider at Synuk, Alaska. Condor 25:103-104.

The author briefly describes the spectacular spring migration of King Eiders along the coast of Norton Sound, and the fall migration of King Eiders, Mallards, and Canada Geese. CMH

Bering Sea - Norton Sound
Geese, ducks
Canada Goose, Mallard, King Eider
Migration, subsistence

135. HOHN, E.O. 1965. Ornithological observations in the Askinuk Mountains and Scammon Bay area, Yukon Delta, Alaska. Arctic 18:260-261.

Eighty-seven species were recorded, but fewer than a dozen are treated in this short note. The Spotted Sandpiper and Red and Northern Phalaropes are the only shorebirds mentioned, and Bufflehead and Common Goldeneye the only waterfowl. REG

Bering Sea - Yukon Delta (Scammon Bay)

Ducks

Common Goldeneye, Bufflehead

Distribution

136. HOOPER, D.C. 1951. Waterfowl nesting at Minto Lakes. Proc. Alaska Sci. Conf. 2:318-321.

Not reviewed.

Interior - Tanana (Minto L.)

Waterfowl

Distribution

137. HOUT, J.L. 1967. Contribution toward a Bibliography on Brant. U.S. Fish and Wildl. Serv., Spec. Sci. Rep. Wildl. 103. 15 pp.

This leaflet is a compilation of 180 published and unpublished references on Brant, with emphasis on the Black Brant. CMH

Alaska

Geese

Brant

Bibliography

138. HOUT, J.L., and C.J. LENSINK. 1968. Survey of Waterfowl Populations and Habitat on Nelson Island, Alaska. Unpublished progress report. U.S. Fish and Wildl. Serv., Bethel, Alaska. 24 pp.

This report summarizes results of aerial surveys and describes habitat use, reproductive performance, and production of waterfowl. Included are observations of other nesting species. MRP

Bering Sea - Yukon Delta (Nelson Is.)

Waterfowl

Habitat, abundance, distribution, reproduction

139. HOWARD, R.L. 1974. Aquatic invertebrate-waterbird relationships on Alaska's Arctic Coastal Plain. M.S. thesis. Iowa State Univ., Ames. 49 pp.

The author relates seasonal abundance and availability of aquatic macroinvertebrates to use by water birds. He discusses possible consequences of industrial contamination of aquatic habitats, and makes several recommendations for mitigating ill effects. MRP

Arctic - Beaufort (Pt. Storckersen, Kuparuk R., Colville R., Sagavanirktok R.)

Loons, swans, geese, ducks

Habitat, food, pollution, research, management

140. HUBBARD, J.D. 1976. Black Brant migration from Alaska. J. C010.-WYO. Acad. Sci. 8(1):72. (Abstract)

This abstract briefly describes the premigratory behavior of Black Brant during the fall, and discusses weather systems associated with their migration. MRP

Bering Sea - Bristol Bay (Izembek Bay)

Geese

Brant

Mi grati on

- 141* HUBBARD, J., and W. FLOCK. 1979. Spring migration at Cape Prince of Wales, Alaska. Pac. Seabird Group Bull. 6(2):41. (Abstract)

This paper reports visual and radar observations of spring migration near Wales during May and early June 1978. Murres, Black-legged Kittiwakes, Black Brant, Common Eiders, and Oldsquaw were the primary species observed. Factors affecting the timing of migration are discussed. MRP

Bering Sea - Norton Sound (Cape Prince of Wales)

Geese, ducks

Brant, Oldsquaw, Common Eider

Emi grati on

142. HUMPHREY, P.S. 1955. The relationship of the sea-ducks (tribe Mergini). Ph.D. diss. Univ. Michigan, Ann Arbor. 200 pp.

This dissertation discusses the relationships of the sea-ducks, primarily on the basis of anatomical and plumage characteristics. Many of the specimens examined were collected in Arctic Alaska. CMH

Arctic
Ducks
Taxonomy, anatomy, plumage

143. HUMPHREY, P.S. 1957. Remarks on the courtship and voice of the Black Scoter. Condor 59:139-140.

The author briefly describes a sequence of courtship display postures and accompanying vocalizations of a pair of Black Scoters. These are compared with descriptions in earlier accounts. CMH

Bering Sea - Yukon Delta (Igiak Bay)
Ducks
Black Scoter
Behavior

144. IRVING, L. 1955. Nocturnal decline in the temperature of birds in cold weather. Condor 57:362-365.

The body temperatures of seven species of birds captured in Alaska and held in captivity at Anchorage were examined at various times of day. REG

Alaska
Geese
Brant, Emperor Goose
Physiology

145. IRVING, L., and J. KROG. 1956. Temperature during the development of birds in Arctic nests. *Physiol. Zool.* 29:195-205.

This paper reports on the incubation temperatures of eggs of seven species of birds, including Pintail and Semipalmated Sandpiper, nesting at Anaktuvuk. The behavior of incubating adults is discussed in relation to temperature of the embryo.
MRP

Interior - Koyukuk (Anaktuvuk)
Ducks
Pintail
Physiology, behavior

146. JAUQUES, F.L. 1929. Cranes crossing Bering Strait. *Auk* 46:230.

The southward migration of cranes across the Bering Strait is described. REG

Bering Sea - Norton Sound (Cape Prince of Wales), Little Diomede Is.
Cranes
Sandhill Crane
Migration

147. JARVIS, R.L. 1966. Occurrence of European or Aleutian Green-winged Teal in western North America, with a recent record. *Murrelet* 47:15-18.

This paper summarizes the information on distribution of the Aleutian Green-winged Teal. A specimen was collected at the Malheur National Wildlife Refuge in Oregon. MRP

Aleutians
Ducks
Green-winged Teal
Distribution

148. JARVIS, R.L., and J.C. BARTONEK (eds.). 1979. Management and Biology of Pacific Flyway Geese. A Symposium. OSU Book Stores, Inc., Corvallis, Oregon. 346 pp.

These proceedings contain a collection of papers presented at a symposium sponsored by the Northwest Section of the Wildlife Society, February 16, 1979. Major topics include: taxonomy and classification, breeding biology, molt and migration, wintering biology, and status and management. MRP

Alaska

Geese

Canada Goose, Brant, White-fronted Goose, Snow Goose, Ross' Goose
Abundance, distribution, breeding biology, food, management,
migration, mortality, physiology, plumage, population
dynamics, reproduction, research, status, taxonomy

149. JOHNSGARD, P.A. 1964. Observations on the biology of the Spectacle Eider. Wildfowl 15:104-107.

The author presents general observations of eiders nesting on the western Yukon Delta, including accounts on territoriality, behavior, and rearing of the young. REG

Bering Sea - Yukon Delta (Igiak Bay)

Ducks

Spectacle Eider

Status, behavior

150. JOHNSGARD, P.A. 1975. Waterfowl of North America. Indiana Univ. Press, Bloomington, Indiana. 575 pp.

This volume summarizes information on the biology of waterfowl in North America. General discussions of the biology of waterfowl, distribution, migration, hunting, and recreational values, and an identification key precede the species accounts. Within each species account are sections on identification, age and sex criteria, distribution and habitat, general biology, general ecology, and social and sexual behavior. MRP

Alaska

Swans, geese, ducks

Abundance, anatomy, behavior, breeding biology, distribution,
food, habitat, migration, plumage, taxonomy, mortality,
management

151. JOHNSON, D.H., D.E. TIMM, and P.F. SPRINGER. 1979. Morphological characteristics of Canada Geese in the Pacific Flyway, pp. 56-80. In R.L. Jarvis and J.C. Bartonek (eds.), Management and Biology of Pacific Flyway Geese. A Symposium. OSU Book Stores, Inc., Corvallis, Oregon.

This report analyzes a variety of morphological measurements of the six subspecies of Canada Geese breeding in Alaska, and discusses the reliability of using meristic data to distinguish subspecies. MRP

Alaska
Geese
Canada Goose
Taxonomy, anatomy

152. JOHNSON, L.J. 1968. Another Alaskan record of a Mallard-Pintail hybrid. Bull. Alaska Ornithol. Soc. 6:10. (Mimeo)

Not reviewed.

Ducks
Mallard, Pintail

153. JOHNSON, L.L. 1971. The migration, harvest, and importance of waterfowl at Barrow, Alaska. M.S. thesis. Univ. Alaska, Fairbanks. 87 pp.

This thesis reports on summer migration and the Eskimo harvest of waterfowl at Barrow between July 13 and September 7, 1970. Species composition of flocks and prevailing weather conditions during migration are presented, hunting success is analyzed in relation to species, time of day, and age of hunter; and the subsistence value of waterfowl is discussed. MRP

Arctic - Chukchi (Barrow)
Loons, geese, ducks
Management, migration, subsistence

154. JOHNSON, S.R. 1978. Beaufort Sea barrier island - lagoon ecological process studies. Section 2. Avian ecology in Simpson Lagoon, 1977, pp. 467-586. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 7. NOAA, Environ. Res. Lab., Boulder, Colo.

This report addresses the migration, breeding, feeding, and staging/molting of birds at Simpson Lagoon in summer 1977. Tables summarize information on spring and fall migration for the 60 species of birds observed. Nesting densities and reproductive success are summarized for the 13 species breeding in the area. More detailed information on molt, staging, and feeding is presented for Oldsquaw, gulls, terns, and phalaropes. Possible effects of disturbance are briefly discussed. CMH

Arctic - Beaufort (Simpson Lagoon)
Waterfowl
Oldsquaw
Habitat, plumage, food, abundance, migration, disturbance

155. JOHNSON, S.R. 1979. Beaufort Sea barrier island - lagoon ecological process studies. Part 1. Avian ecology in Simpson Lagoon, Beaufort Sea, Alaska, pp. 238-362. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 6. NOAA, Environ. Res. Lab., Boulder, Colo.

This report compares information gathered in 1977 and 1978 to assess the importance to birds of barrier island/lagoon systems. Timing of migration is summarized for 63 species, and nesting densities are presented. The majority of the report addresses habitat use by molting Oldsquaws, and premigratory staging of shorebirds, gulls, and terns. Results of feeding studies are presented for Oldsquaw, both phalaropes, and Glaucous Gulls. CMH

Arctic - Beaufort (Simpson Lagoon)
Waterfowl
Oldsquaw
Habitat, anatomy, physiology, plumage, food, abundance

156. JONES, N.G.B. 1972. Molt migration of Emperor Geese. Wildfowl 23: 92-93.

Observations of Emperor Geese in the Hooper Bay area from May to July 1960 suggested a northward molt migration to St. Lawrence Island. MRP

Bering Sea - Yukon Delta (Hooper Bay, Panowat Spit)
Geese
Emperor Goose
Migration

157. JONES, R.D., JR. 1963. Buldir Island, site of a remnant breeding population of Aleutian Canada Geese. Wildfowl 14:80-84.

This paper reports observations of a remnant breeding population of Aleutian Canada Geese on Buldir Island. The island's topography, climate, habitat, and avian and mammalian populations are described. Increased hunting pressure and the introduction of blue foxes to the breeding grounds are assessed as reasons for the decline of the subspecies. CMH

Aleutians - (Buldir Is.)
Geese, ducks
Canada Goose, Mallard, Pintail, Green-winged Teal
Status, habitat

158. JONES, R.D., JR. 1964. Age group counts of Black Brant in Izembek Bay, Alaska. Wildfowl 15:147-148.

The author presents counts of adult and first-year Black Brant in October 1963 at Izembek Bay. This information is discussed in relation to a major nesting failure on the Yukon-Kuskokwim Delta that summer. Habitat use and timing of migration are also addressed. CMH

Bering Sea - Bristol Bay (Izembek Bay)
Geese
Brant
Age and sex composition, migration, habitat

159. JONES, R. D., JR. 1965. Returns from Steller's Eiders banded in Izembek Bay, Alaska. Wildfowl 16:83-85.

The author presents band return data from Steller's Eiders, indicating that those molting in Izembek Bay breed in Siberia.
MRP

Bering Sea - Bristol Bay (Izembek Bay)
Ducks
Steller's Eiders
Plumage, migration, techniques

160. JONES, R. D., JR. 1970. Reproductive success and age distribution of Black Brant. J. Wildl. Manage. 34:328-333.

Based on age group counts of Black Brant staging on Izembek Bay during the autumns of 1963-1969, information on reproductive success of the population is presented. CMH

Bering Sea - Bristol Bay (Izembek Bay)
Geese
Brant
Age and sex composition

161. JONES, R. D., JR. 1973. A method for appraisal of annual reproductive success in the Black Brant populations. M.S. thesis, Univ. Alaska, Fairbanks. 117 pp.

A technique, based on age-related plumage differences, is presented to assess reproductive success in the population. A simulation model is presented to test variables affecting population structure. REG

Bering Sea - Bristol Bay (Izembek Lagoon), Yukon Delta
Geese
Brant
Age and sex composition, population dynamics, migration, management, subsistence, reproduction, plumage

162. JONES, R. D., JR., and G.V. BYRD. 1979. Interrelations between seabirds and introduced animals. U. S. Fish and Wildl. Serv., Wildl. Res. Rep. 11:221-226.

This paper reviews the information available on the effects of introduced animals on insular seabird populations. The need for research on the ecological consequences of animal introductions to islands is stressed. MRP

Alaska
Geese, ducks
Canada Goose, Common Eider
Predation, research

163. JONES, R. D., JR., and D.M. JONES. 1966. The process of family disintegration in Black Brant. Wildfowl 17:75-78.

The authors describe the process of family disintegration in Black Brant at a staging area on the Alaska Peninsula. Age group counts are examined in light of changes in family group behavior. The importance of the area to this and several other species of waterfowl is also mentioned. CMH

Bering Sea - Bristol Bay (Izembek Bay)
Geese, ducks
Canada Goose, Brant, Emperor Goose, Pintail
Behavior, habitat, food, abundance, age and sex composition

164. KENNARD, F.H. 1918. Ferruginous stains on waterfowl. Auk 35:123-132.

The source of ferruginous stains on waterfowl is examined. Discussions pertaining to Emperor Geese, Canada Geese, Red-throated Loons, and Northern Phalaropes refer to Alaska birds. REG

Aleutians
Bering Sea - Yukon Delta, Bristol Bay
Gulf of Alaska - Prince William Sound
Loons, geese
Red-throated Loon, Canada Goose, Emperor Goose
Habitat, plumage

165. KENYON, K.W. 1963. Further observations of Whooper Swans in the Aleutian Islands, Alaska. *Auk* 80:540-542.

This paper presents records of the Whooper Swan on the Aleutian Islands. NMH

Aleutians - (Amchitka Is., Atka Is., Little Kiska Is.)
Swans
Whooper Swan
Distribution

166. KESSEL, B. 1955. Distributional records of waterfowl from the interior of Alaska. *Condor* 57:372-373.

This note presents new distributional records for the Blue-winged Teal, Ring-necked Duck, and European Wigeon. CMH

Interior - Tanana
Gulf of Alaska - Cook Inlet, Kodiak, Southeastern
Ducks
Blue-winged Teal, European Wigeon, Ring-necked Duck
Distribution

167. KESSEL, B. 1965. Mallard-Pintail hybrid at Fairbanks, Alaska. *Bull. Ornithol. Soc.* 5:7-8. (Mimeo)

This note reports a sight record of a probable Mallard-Pintail hybrid, and gives a description of its plumage and behavior. CMH

Interior - Tanana (Fairbanks)
Ducks
Mallard, Pintail
Plumage, behavior

168. KESSEL, B. 1979. Migration of Sandhill Cranes, upper Tanana River Valley, Alaska. Unpublished final report to Northwest Alaskan Pipeline Company, Fluor Northwest, Inc. Fairbanks, Alaska. 55 pp.

Not reviewed.

Interior - Tanana
Cranes
Sandhill Crane
Migration

169. KESSEL, B., and R.W. KELLY. 1958. First North American sighting and photographic record of Common Crane, *Grus grus*. Auk 75:465.

The occurrence of an individual of this species in Alaska in April 1958 is described. REG

Interior - Tanana (Fairbanks)
Cranes
Common Crane
Distribution

170. KING, J.G. The Alaskan Trumpeter Swan Management Council - a proposal. Presented at the Sixth Trumpeter Swan Society Conference. Anchorage, Alaska. September 7-9, 1978. 4 pp.

This paper suggests that an Alaskan Trumpeter Swan Management Council be founded, identifies agencies that should be represented on it, and describes the issues that should be addressed by such a group. MRP

Alaska
Swans
Trumpeter Swan
Management, research

171. KING, J.G. The status and future of the Alaska Trumpeter Swan population. Presented at the Second International Swan Symposium. Sapporo, Japan. February 19-21, 1980.

This paper reports on the status of Trumpeter Swans in Alaska. Changes in the size of breeding populations between 1968 and 1975 are discussed, and possible effects of future changes in land status and economic activity are assessed. MRP

Alaska
Swans
Trumpeter Swan
Status, abundance

172. KING, J.G. 1963. Duck banding in Arctic Alaska. J. Wildl. Manage. 27:356-362.

This is primarily a note on capture and banding techniques, but it does summarize banding efforts between 1960 and 1962. Fifteen species of ducks were banded, mostly Lesser Scaup. REG

Interior - Upper Yukon (Fort Yukon, Ohtig L.)
Ducks
Techniques, management

173. KING, J.G. 1965. Some Aspects of the Relationship of Eskimos and Waterfowl. Unpublished report. U.S. Fish and Wildl. Serv., Juneau, Alaska. 7 pp.

King, using the information presented in Klein's paper (Arctic 19:319-336, 1966) on Eskimo waterfowl harvest, discusses the potential for increased waterfowl take in Alaska. He then presents suggestions for future studies of the impacts of subsistence hunting. MRP

Alaska
Swans, geese, ducks, cranes
Subsistence, management

174. KING, J.G. 1968. Trumpeter Swan survey Alaska - 1968. Unpublished report. U.S. Fish and Wildl. Serv., Juneau, Alaska. 43 pp"

This paper presents data from surveys of Trumpeter Swans in Alaska in 1968. Included are population estimates and information on habitat preferences. MRP

Alaska
Swans
Trumpeter Swan
Abundance, habitat, distribution

175. KING, J.G. 1970. The swans and geese of Alaska's Arctic Slope. Wildfowl 21:11-17.

Results of a mid-summer aerial waterfowl survey conducted in 1966 over the Arctic Slope are presented, and population estimates for the geese and swans breeding or molting in the region are given. The importance of the Arctic Slope to these species is discussed in relation to other areas of greater nesting concentration and to prospective petroleum development. Better census methods and additional ground studies are suggested. CMH

Arctic - Beaufort
Swans, geese, ducks
Abundance, techniques

176. KING, J.G. 1973. A cosmopolitan duck moulting resort: Takslesluk Lake, Alaska. Wildfowl 24:103-109.

This paper describes a three-year effort to trap and band flightless ducks on the northern Yukon Delta. Nine species are addressed, with their natal origins, migration routes, wintering areas, and, for some, longevity discussed. REG

Bering Sea - Yukon Delta (Takslesluk L.)
Ducks
Migration, techniques, subsistence

177. KING, J.G. 1973. The use of small airplanes to gather swan data in Alaska. Wildfowl 24:15-20.

The author describes and discusses the limitations of five aerial census techniques used to estimate swan populations in Alaska over a 17-year period. These include complete census, random plot census, line transect surveys, random flights, and exploratory flights. REG

Alaska
Swans
Whistling Swan, Trumpeter Swan
Techniques

178. KING, J.G., and B. CONANT. 1978. Waterfowl Breeding Pair Survey: Alaska-Yukon. Unpublished annual report. U.S. Fish and Wildl. Serv., Juneau, Alaska. 21 pp.

This report provides a brief summary of the species of geese and ducks observed during surveys. MRP

Bering Sea
Gulf of Alaska
Interior
Geese, ducks
Abundance, status

179. KING, J. G., and J.I. HODGES. 1979. A preliminary analysis of goose banding on Alaska's Arctic Slope, pp. 176-188. In R.L. Jarvis and J.C. Bartonek (eds.), Management and Biology of Pacific Flyway Geese: A Symposium. OSU Book Stores, Inc., Corvallis, Oregon.

This paper analyzes recoveries of 12,997 geese banded near Teshekpuk Lake, an important molting area for Canada Geese and Black Brant. MRP

Alaska
Arctic - Beaufort (Teshekpuk L.)
Geese
Canada Goose, Brant, White-fronted Goose, Snow Goose
Migration, abundance, plumage

180. KING, J. G., and M.L. KING. Successful nesting of a captive Trumpeter Whistling Swan pair in Alaska. Presented at the First International Birds in Captivity Symposium. Seattle, Washington. March 8-12, 1978. 18 pp.

This paper reports the successful nesting between a female Trumpeter and a male Whistling Swan. The feeding and maintenance of injured and captive swans are also discussed. MRP

Gulf of Alaska - Southeastern (Juneau)
Swans
Whistling Swan, Trumpeter Swan
Behavior, breeding biology, rehabilitation

181. KING, J. G., and C.J. LENSINK. 1971. An Evaluation of Alaska Habitat for Migratory Birds. Unpublished report. U.S. Dept. of Int., Bur. Sport Fish. Wildl., Washington, D.C. 72 pp.

This paper evaluates the importance of Alaska habitats to migratory birds and identifies areas of the state where birds may be threatened by pollution and development. NMH

Alaska
Waterfowl
Distribution, abundance, habitat, migration, pollution

182. KING, J.G., and G.A. SANGER. 1979. Oil vulnerability index for marine oriented birds. U.S. Fish and Wildl. Serv., Wildl. Res. Rep. 11:227-239.

This paper presents a method to indicate the relative vulnerability of a marine bird species to oil pollution and related impacts of oil development. Each of 176 species of birds using marine habitats in Washington, Alaska, and British Columbia is ranked on the basis of 20 factors that affect its survival. The needs for such a system as a management tool are discussed. MRP

Alaska
Waterfowl
Management, pollution

183. KING, R.J. 1979. Loon abundance and distribution in the National Petroleum Reserve - Alaska (NPR-A). Pac. Seabird Group Bull. 6(2):41. (Abstract)

This paper reports on the abundance and distribution of loons in the National Petroleum Reserve - Alaska during the 1977 and 1978 breeding seasons. Average densities and population estimates are given. MRP

Arctic - Beaufort (National Petroleum Reserve - Alaska)
Loons
Yellow-billed Loon, Arctic Loon, Red-throated Loon
Abundance, distribution

184. KIRCHHOFF, M.D. 1978. Distribution and habitat relations of Pintails on the coast of the Yukon Delta, Alaska. M.S. thesis. Univ. Maine, Orono. 45 pp.

This thesis describes daily and seasonal changes in abundance, distribution, and habitat use of Pintail on the coast of the Yukon Delta. Feeding patterns over the intertidal were correlated with the tidal cycle and the abundance and distribution of invertebrates. MRP

Bering Sea - Yukon Delta
Ducks
Pintail
Food, habitat

185. KISTCHINSKI, A.A. 1971. Biological notes on the Emperor Goose in north-east Siberia. *Wildfowl* 22:29-34.

This paper provides information on the breeding biology, molt migration, flightless period, and foods of Emperor Geese on the Chukotsky Peninsula. Information from Alaska is included for comparison. MRP

Bering Sea

Geese

Emperor Goose

Distribution, habitat, breeding biology, plumage, food, disease and parasites, behavior

186. KISTCHINSKI, A.A., and V.E. FLINT. 1974. On the biology of the Spectacle Eider. *Wildfowl* 25:5-15.

This paper presents data on numbers, breeding, and diet of Spectacled Eiders on the Indigirka River Delta, Siberia. Much of the information is compared with that from Alaska. REG

Bering Sea - Yukon Delta

Ducks

Spectacle Eider

Breeding biology, population dynamics, food, status, distribution, behavior, abundance

187. KLEIN, D.R. 1966. Waterfowl in the economy of the Eskimos on the Yukon-Kuskokwim Delta, Alaska. *Arctic* 19:319-336.

This paper presents data collected during a survey of the inhabitants of the Yukon-Kuskokwim Delta from April to June 1964 and in February 1965. Estimates are given of the numbers of birds and eggs of each species harvested annually. Patterns of use are also discussed. MRP

Bering Sea - Yukon Delta

Swans, geese, ducks, cranes

Subsistence

188. KORTRIGHT, F.H. 1942. The Ducks, Geese and Swans of North America. Stackpole Company, Harrisburg, Pennsylvania and Wildlife Management Institute, Washington, D.C. 476 pp.

This book presents information on molts and plumage, breeding biology, migration, and conservation of ducks, geese, and swans of North America. Observations from Alaska are included. MRP

Alaska

Swans, geese, ducks

Abundance, distribution, breeding biology, habitat, food, management, migration, plumage, public interest, status

189. KOSKI, W.R. 1975. Study of the distribution and movement of Snow Geese, other geese and Whistling Swans on the Mackenzie Delta, Yukon North Slope and Alaskan North Slope in August and September, 1974, including a comparison with similar data from 1973. Arct. Gas Biol. Rep. Ser. 30:1-58.

This paper presents information on the abundance and distribution of geese and swans on the North Slopes of Alaska and the Yukon. MRP

Arctic - Beaufort

Swans, geese

Whistling Swan, Canada Goose, Brant, White-fronted Goose, Snow Goose

Abundance, distribution

190. KOSKI, W.R. 1976. Autumn staging of Snow Geese on the Mackenzie Delta, Yukon North Slope, and eastern Alaska North Slope. Proc. Alaska Sci. Conf. 27:237-238. (Abstract)

Premigratory dispersal and staging of Snow Geese in Arctic Alaska and Canada are discussed. Included are notes on specific staging areas, estimates of numbers using the region, and calculations of brood size and adult-to-immature ratios. NMH

Arctic - Beaufort

Geese

Snow Goose

Migration, abundance, age and sex composition, distribution

191. KOSKI, W.R. 1977. A study of the distribution and movements of Snow Geese, other geese and Whistling Swans on the MacKenzie Delta, Yukon North Slope, and Alaskan North Slope in August and September, 1975. *Arct. Gas Biol. Rep. Ser.* 35:1-54.

This paper reports on the numbers of geese and swans on the North Slope during fall, identifies staging areas, compares the timing of use among species, and evaluates year-to-year variations. MRP

Arctic - Beaufort
Swans, geese

Whistling Swan, Canada Goose, Brant, White-fronted Goose, Snow
Goose

Abundance, distribution, migration

192. KOSKI, W.R., and M.A. GOLLOP. 1974. Migration and distribution of staging Snow Geese on the MacKenzie Delta, Yukon and eastern Alaska North Slope, August and September, 1973. *Arct. Gas Biol. Rep. Ser.* 27:1-38.

This paper presents information on the staging areas and timing of migration of Snow Geese on the North Slope. The two most important sites were at Walking River and Crow-Phillips. MRP

Arctic - Beaufort
Geese

Snow Goose

Distribution, abundance, migration

193. KRASNOW, L.D., G.A. SANGER, and D.W. WISWAR. 1979. Nearshore feeding ecology of marine birds in the Kodiak area, 1978, pp. 348-394. In Environmental Assessment of the Alaskan Continental Shelf, *Annual Reports of Principal Investigators*, Vol. 2. NOAA, Environ. Res. Lab., Boulder, Colo.

This reports preliminary results of a study of the seasonal feeding habits of marine birds near Kodiak Island. The aggregate percent volume of prey is presented for four species collected in winter and for seven collected in summer. Possible impacts of petroleum development on prey species are briefly discussed. CMH

Gulf of Alaska - Kodiak (Kodiak Is.)

Ducks

Oidsquaw, Black Scoter

Food

194. KURHAJEC, D.J. 1977. Breeding Canada Geese of the Port Etches Area, Hinchinbrook Island, Alaska. Unpublished report. U.S. Fish and Wildl. Serv., Office of Special Studies, Anchorage, Alaska. 12 pp.

This report describes the habitat use, abundance, and reproductive success of Canada Geese in the Port Etches-Constantine Harbor area of Prince William Sound. The subspecies of Canada Goose was not determined. MRP

Gulf of Alaska - Prince William Sound (Hinchinbrook Is.)
Geese
Canada Goose
Reproduction, habitat, abundance, predation

195. KURY, C.R. 1972. Ring-necked Duck and Ruddy Turnstones wintering at Sitka. Murrelet 53:11.

This note reports the presence of a male Ring-necked Duck in Sitka during January. NMN

Gulf of Alaska - Southeastern (Sitka)
Ducks
Ring-necked Duck
Distribution

196. LADD, W.N. 1978. The new migratory bird treaty between the United States and Union of Soviet Socialist Republics. Pac. Seabird Group Bull. 5(2):39-57.

This article summarizes the provisions that differ from those in previous treaties and discusses their significance to marine bird management. Disturbance, subsistence use, and habitat protection are addressed. The full treaty is included. MRP

Alaska
Waterfowl
Management

197. LENSINK, C.J. 1957. Use of a gill net in trapping waterfowl. J. Wildl. Manage. 21:103-104.

The author describes how to construct and use a gill net to trap flightless waterfowl. CMH

Interior - Upper Yukon
Waterfowl
Canvasbacks, Black Scoter
Techniques

198. LENSINK, C.J. 1962. Waterfowl Populations and Production within the Impoundment Area of the Proposed Dam at Rampart on the Yukon River, Alaska in 1961. Unpublished preliminary report. U.S. Fish and Wildlife Service, Migratory Bird Population Station, Laurel, Maryland. 44 pp.

This preliminary report summarizes results from the 1961 field season, and assesses the importance of the Yukon Flats as a breeding area for ducks. MRP

Interior - Upper Yukon
Loons, ducks, cranes
Abundance, distribution, age and sex composition, reproduction, techniques

- 1990 LENSINK, C.J. 1962. Waterfowl Populations and Production within the Impoundment Area of the Proposed Dam at Rampart on the Yukon River, Alaska. Unpublished progress report. U.S. Fish and Wildlife Service, Migratory Bird Populations Station, Laurel, Maryland. 67 pp.

This progress report discusses the potential effects on waterfowl from construction of the proposed Rampart Dam, and summarizes data gathered during a field study in 1962. MRP

Interior - Upper Yukon
Loons, grebes, geese, ducks, cranes
Abundance, distribution, age and sex composition, reproduction, management, checklist

200. LENSINK, C.J. 1964. Distribution of Recoveries from Banding of Ducklings. U.S. Fish and Wildl. Serv., Spec. Sci. Rep. Wildl. No. 89. 146 pp.

This report describes the distribution of recoveries of ducks banded as flightless young. Data from birds banded in Alaska are included. MRP

Alaska
Ducks
Mallard, Pintail, Green-winged Teal, Northern Shoveler, American Wigeon, Canvasbacks, Lesser Scaup
Distribution, migration

201. LENSINK, C.J. 1967. Arctic Loon predation on ducklings. *Murrelet* 48:41.

The author describes the attack and killing of a downy scaup by an adult loon. REG

Interior - Upper Yukon (Yukon Flats)

Loons, ducks

Arctic Loon, Lesser Scaup

Mortality, behavior

202. LENSINK, C.J. 1968. Neckbands as an inhibitor of reproduction in Black Brant. *J. Wildl. Manage.* 32:418-420.

This banding-recapture study indicated that female Black Brant marked with neck bands had significantly poorer nesting success than leg-banded controls or unbandied Brant. Possible causes are discussed. CMH

Bering Sea - Yukon Delta

Geese

Brant

Techniques, reproduction

203. LENSINK, C.J. 1969. The Distribution of Recoveries from White-fronted Geese (Anser albifrons frontalis) Banded in North America. Unpublished report. U.S. Fish and Wildl. Serv., Bethel, Alaska". 32 pp.

This report summarizes banding and recovery data for White-fronted Geese. The distribution of various populations is analyzed, and priorities in management and future banding are addressed. A discussion on the Tule White-fronted Goose is included. NMH

Alaska

Geese

White-fronted Goose

Distribution, migration

204. LENSINK, C.J. 1973. Population structure and productivity of Whistling Swans on the Yukon Delta, Alaska. *Wildfowl* 24:21-25.

This paper analyzes observations of Whistling Swans between 1963 and 1971 from low-flying aircraft. Annual variations in productivity are analyzed and correlated with climatic conditions. MRP

Bering Sea - Yukon Delta
Swans
Whistling Swan
Population dynamics, distribution

205. LENSINK, C.J., P.J. GOULD, and G.A. SANGER. 1979. Population dynamics and trophic relationships of marine birds in the Gulf of Alaska, pp. 7-20. In *Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators*, vol. 2. NOAA, Environ. Res. Lab., Boulder, Colo.

This paper introduces and briefly summarizes results of six studies conducted in the Gulf of Alaska in 1978. CMH

Gulf of Alaska
Waterfowl
Research, population dynamics, distribution, abundance, breeding biology, food

206. LEOPOLD, A.S., and R.H. SMITH. 1953. Numbers and winter distribution of Pacific Black Brant in North America. *Calif. Fish Game* 39:95-101.

Discussed are the results of a January 1952 survey of the distribution and numbers of Brant along the Pacific Coast. Survey data from southeastern Alaska are included. REG

Gulf of Alaska - Southeastern
Geese
Brant
Abundance, distribution, management, status

207. LESCHNER, L. L., and G. BURRELL. 1977. Populations and ecology of marine birds on the Semidi Islands, pp. 13-109. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 4. NOAA, Environ. Res. Lab., Boulder, Colo.

This paper discusses observations on the populations, breeding biology, and foods of 19 species of marine birds during summer 1976. A checklist presents the breeding status of the 54 species of birds observed. CMH

Gulf of Alaska - Kodiak (Semidi Is.)
Ducks
Common Eider
Abundance, reproduction, food, checklist

208. LINCOLN, F.C. 1926. Bird banding - in progress and prospect. Auk 43:153-161.

Mention is made of banding work done on the Yukon Delta on Cackling Geese in summer 1924. REG

Bering Sea - Yukon Delta
Geese
Canada Goose
Migration

209. LINCOLN, F.C. 1926. The migration of the Cackling Goose. Condor 28:153-157.

From analysis of 39 returns of Cackling Canada geese banded on their breeding grounds, the author suggests a probable fall migration route and the principal winter range of this population. CMH

Bering Sea - Yukon Delta (Hooper Bay)
Geese
Canada Goose, Emperor Goose
Migration, subsistence, food

210. LITTLEJOHN, C. 1899. On the nesting of ducks. *Osprey* 3:78-79.
- This paper "mentions the nesting of a colony of American Scaups as well as sets of eggs of Pintails and Merganser serrator." (From Gabriel son and Lincoln, *Birds of Alaska*, 1959. Original not seen.) CMH
- Alaska
Ducks
Pintail, Greater Scaup, Red-breasted Merganser
Distribution
211. LLOYD, H. 1925. Official Canadian record of bird-banding returns. *Can. Field-Nat.* 39:191-193; 206-208.
- This paper "mentions a Pintail killed near Cordova, Alaska." (From Gabriel son and Lincoln, *Birds of Alaska*, 1959. Original not seen.) CMH
- Gulf of Alaska - Prince William Sound (Cordova)
Ducks
Pintail
Migration
212. MAHER, W.J. 1960. Another record of the Baikal Teal in north-western Alaska. *Condor* 62:138-139.
- A pair of this species was observed on May 28, 1959 near the Pitmegea River, two miles from the Beaufort Sea coast. The possibility of nesting is discussed. REG
- Arctic - Beaufort (Pitmegea R.)
Ducks
Baikal Teal
Distribution
213. MCILHENNY, E.A. 1934. Twenty-two years of banding migratory wild fowl at Avery Island, Louisiana. *Auk* 51:328-337.
- Mention is made of three banded Pintail recovered in Alaska. REG
- Arctic - Kotzebue Sound (Selawik)
Bering Sea - Yukon Delta (Quithlook), Bristol Bay (Dillingham)
Ducks
Pintail
Migration, distribution

214. MCKINNEY, F. 1959. Waterfowl at Cold Bay, Alaska, with notes on the display of the Black Scoter. *Wildfowl* 10:133-140.

This paper presents a general description of waterfowl use of Izembek Bay and Nelson Lagoon during April and May 1958. Twelve different displays of the Black Scoter are briefly described.
REG

Bering Sea - Bristol Bay (Izembek Bay, Nelson Lagoon)
Waterfowl, ducks
Black Scoter
Behavior, distribution

215. MCKINNEY, F. 1965. The spring behavior of wild Steller's Eiders. *Condor* 67:273-290.

This paper describes the behavior and displays of wild Steller's Eiders. Strong tendencies to flock densely and fly readily are examined in light of their survival value and influence on feeding, pairing, and copulatory behavior patterns. The differences between the displays of Steller's and Common Eiders are discussed. MR P

Bering Sea - Bristol Bay (Nelson Lagoon, Izembek Bay)
Ducks
Steller's Eider, Common Eider
Behavior

216. MCKNIGHT, D. E., and B. L. HILLIKER. 1970. The impact of oil development on waterfowl populations in Alaska. *Proc. Annu. Conf. W. Assoc. State Game Fish Comm.* 50:1-12.

The authors present maps depicting areas of high waterfowl productivity and regions of potential oil development. The possible impact of such development on breeding and migrating waterfowl is discussed for each region. NMH

Arctic
Bering Sea
Gulf of Alaska
Swans, geese, ducks, cranes
Pollution, distribution

217. MCKNIGHT, D.E., and C.E. KNODER. 1979. Resource development along coasts and on the ocean floor: Potential conflicts with marine bird conservation. U.S. Fish and Wildl. Serv., Wildl. Res. Rep. 11:183-194.

This paper discusses the potential for disastrous and irrecoverable losses to northern marine bird populations and identifies research needs. MRP

Alaska
Waterfowl
Pollution, research

218. MCROY, C.P. 1966. The standing stock and ecology of eelgrass (Zostera marina L.) in Izembek Lagoon, Alaska. M.S. thesis. Univ. Washington, Seattle. 138 pp.

Included is a short discussion of the utilization of eelgrass by waterfowl in Izembek Lagoon. CMH

Bering Sea - Bristol Bay (Izembek Lagoon)
Geese
Canada Goose, Brant
Food

219. MICKELSON, P.G. 1973. Breeding biology of Cackling Geese (Branta canadensis minima Ridgway) and associated species on the Yukon-Kuskokwim Delta, Alaska. Ph.D. thesis. Univ. of Michigan, Ann Arbor. 246 pp.

This thesis presents detailed information on the breeding biology of Cackling Canada Geese, and less detailed information on Black Brant, Emperor Geese, White-fronted Geese and Spectacle Eiders nesting on the study area. MRP

Bering Sea - Yukon Delta
Geese, ducks
Canada Goose, Brant, Emperor Goose, White-fronted Goose, Spectacled Eider
Breeding biology

220. MICKELSON, P.G. 1975. Breeding biology of Cackling Goose and associated species on the Yukon-Kuskokwim Delta, Alaska. *Wildl. Monogr.* 45:1-35.

This monograph presents detailed information on the breeding biology of the Cackling Canada Goose, with additional information on four associated species. The study was conducted from 1969 to 1972 on the Clarence Rhode National Wildlife Range. MRP

Bering Sea - Yukon Delta
Geese, ducks
Canada Goose, Brant, Emperor Goose, White-fronted Goose, Spectacled Eider
Breeding biology

221. MICKELSON, P.G., J.S. HAWKINS, D.R. HERTER, and S.M. MURPHY. 1980. Habitat Use by Birds and Other Wildlife on the Eastern Copper River Delta, Alaska. Unpublished report. Alaska Cooperative Wildlife Research Unit, Univ. Alaska, Fairbanks. 189 pp.

During a study of nesting and migrating birds on the eastern Copper River Delta in 1978 and 1979, the authors determined habitat preferences, distribution, abundance, and phenology for the avifauna of the area. Critical habitats were identified and recommendations made for future surveillance and management of populations. Detailed information is presented for Dusky Canada Geese, Sandhill Cranes, and shorebirds. REG

Gulf of Alaska - Copper River (eastern Copper R. Delta)
Loons, grebes, swans, geese, ducks, cranes
Whistling Swan, Canada Goose, Mallard, Sandhill Crane
Abundance, breeding biology, checklist, distribution, food, habitat, management, migration, predation, status, reproduction

222. MICKELSON, P.G., and H.M. WIGHT. 1974. The Dusky Canada Goose. *Naturalist* 25 (Spec. Issue No. 1):24-27.

Not reviewed.

Geese
Canada Goose

223. MILNE, H., and C.P. DAU. 1976. A Bibliography of Eiders. Fauna 20. Government of Quebec. 249 pp.

This bibliography lists over 2,000 references on eiders. MRP

Alaska
Ducks
Steller's Eider, Common Eider, King Eider, Spectacle Eider
Bibliography

224. MOFFITT, J. 1937. The White-cheeked Goose in California. Condor 39:149-159.

In this account of the wintering habitat and habits of Dusky Canada Geese (Branta canadensis occidentalis), the author briefly discusses their probable breeding grounds. CMH

Gulf of Alaska
Geese
Canada Goose
Distribution

225. MOISAN, G., R.I. SMITH, and R.K. MARTINSON. 1967. The Green-winged Teal: Its Distribution, Migration, and Population Dynamics. U.S. Fish and Wildl. Serv., Spec. Sci. Rep. Wildl. 100. 248 pp.

This comprehensive report, based on published information and data from banding studies and surveys, describes the distribution, migration, harvest characteristics, and population dynamics of Green-winged Teal. Additional studies are recommended. MRP

Alaska
Ducks
Green-winged Teal
Distribution, migration, population dynamics, management, research

226. MONSON, M.A. 1956. Nesting of Trumpeter Swan in the Lower Copper River basin, Alaska. Condor 58:444-445.

This paper documents Trumpeter Swans nesting in the lower Copper River basin. Identification of Trumpeter and Whistling Swans is discussed. NMH

Gulf of Alaska - Copper River
Swans
Whistling Swan, Trumpeter Swan
Distribution, plumage

227. MOREHOUSE, K.A. 1974. Development, energetic and nutrition of captive Pacific Brant (Branta bernicla orientalis, Tougerinov). Ph.D. thesis. Univ. Alaska, Fairbanks. 134 pp.

Not reviewed.

Geese
Brant
Physiology, anatomy, food

228. MORGAN, R.P., S.T. SULKIN, and C.J. HENNY. 1977. Serum proteins of Canada Goose (Branta canadensis) subspecies. Condor 79:275-278.

The taxonomic affinities of nine subspecies of Canada Geese are evaluated through examination of their serum protein patterns. MRP

Gulf of Alaska - Cook Inlet, Copper River
Geese
Canada Goose
Taxonomy

229. MORTON, J.K., and R.A. DIETERICH. 1979. Avian pox infection in an American Green-winged Teal (Arias crecca carolinensis) in Alaska. J. Wildl. Dis. 15:451-453.

This note reports on poxvirus infection diagnosed in a juvenile Green-winged Teal. This is the first report of avian pox in migratory ducks and the first report of the infection in wild birds in Alaska. MRP

Interior - Tanana (Minto Flats)
Ducks
Green-winged Teal
Disease and parasites

230. MOSSMAN, A.S. 1957. Hooded Mergansers at Afognak Island, Alaska. Condor 54:341.
- This note reports the range extension of the Hooded Merganser into southwestern Alaska. NMH
- Gulf of Alaska - Kodiak (Afognak Is.)
Ducks
Hooded Merganser
Distribution
231. MURDOCH, J. 1887. Note on eider ducks. Zoologist 10:108.
- This brief note describes the reaction of the male when the female of a pair of King Eiders was collected during spring migration. MRP
- Arctic - Chukchi (Barrow)
Ducks
King Eider
Behavior
232. MURIE, O.J. 1940. Food habits of the northern Bald Eagle in the Aleutian Islands, Alaska. Condor 42:198-202.
- In 1936 and 1937 food items were collected and identified from 28 Bald Eagle nests. Among the identifiable food items were remains of 24 species of water-associated birds, mostly alcids, gulls, and fulmars. REG
- Aleutians - (Amak Is., Sankin Is.)
Ducks
Predation
233. MUSACCHIA, X.J. 1949. Lipid metabolism in Arctic Alaskan birds. Proc. Fed. Am. Soc. Exper. Biol. 8(1):116.
- This paper reports on "fat analysis of livers and kidneys from Old Squaw and Red Phalarope." {From Gabrielson and Lincoln, Birds of Alaska, 1959. Original not seen.) CMH
- Arctic - Chukchi (Barrow)
Ducks
Oldsquaw
Physiology

234. MUSACCHIA, X.J. 1953. A study of the lipids in Arctic migratory birds. Condor 55:305-312.

This paper presents data on fatty acids, lipid phosphorus, and cholesterol levels in tissues of four Arctic migratory birds. The significance of variations in lipid patterns among the species is discussed. REG

Arctic - Chukchi (Barrow)
Ducks
Oldsquaw
Physiology, migration

235. MYRES, M.T. 1958. Preliminary Studies of the Behavior, Migration and Distributional Ecology of Eider Ducks in Northern Alaska, 1958. Unpublished report. Univ. British Columbia, Dept. Zool., Vancouver. 23 pp.

Preliminary results of a study of the spring and fall migration of eiders, their breeding requirements, and their use by natives are presented. Research needs are discussed. MRP

Arctic - Chukchi, Beaufort
Ducks
Steller's Eider, Common Eider, King Eider, Spectacle Eider
Research, food, specimen record, subsistence, migration, breeding biology, anatomy

236. MYRES, M.T. 1959. The behaviour of the sea-ducks and its value in the systematic of the tribes Mergini and Somateriini, of the family Anatidae. Ph.D. thesis. Univ. British Columbia, Vancouver. 506 pp.

This dissertation discusses the systematic of the sea-ducks, based primarily on studies of their behavior in Alaska and British Columbia. Detailed descriptions and drawings are provided for many of the displays. CMH.

Alaska
Ducks
Taxonomy, behavior

237. MYRES, M.T. 1962. The Display Behavior of the King Eider, with a Discussion of Interspecific Selection for Reproductive Isolation between the King and Common Eiders. Unpublished report. Contracts AINA-37 and ONR-238, Arctic Institute of North America, Washington, D.C. 20 pp.

This paper describes some of the displays of the King Eider, compares the displays of King and Common Eiders, and discusses selection for interspecific isolating mechanisms which result in divergence of the displays. MRP

Arctic - Chukchi (Barrow), Beaufort (Colville R.)
Gulf of Alaska - Cook Inlet (Homer)
Ducks
Common Eider, King Eider
Behavior

238. NELSON, E.W. 1881. Habits of the Black Brant in the vicinity of St. Michael's, Alaska. Bull. Nutt. Ornithol. Club 6:131-138.

This paper presents observations of spring migration of Black Brant and several other early migrants. Flight behavior, body condition during spring migration, and possible migration routes of Black Brant are described. MRP

Bering Sea - Norton Sound (St. Michael)
Swans, geese, ducks, cranes
Whistling Swan, Canada Goose, Brant, Emperor Goose, White-fronted
Goose, Pintail, Sandhill Crane
Migration, behavior

239. NELSON, U.C. 1949. Investigations on Breeding and Wintering Populations, Nesting Studies, and Banding of Migratory Waterfowl. Unpublished report. Project No. 3-R-4. Fed. Aid in Wildl. Rest., Alaska 4(1) :4-40.

This is a compendium of reports on waterfowl studies in Alaska. Results of aerial surveys conducted over northwestern Alaska, the Arctic coast, and the Yukon Delta are presented. Data from nesting and banding studies on the Kashunuk River, Innoko, Pike Lake, and Iditarod areas are summarized. General observations of many species are included. MRP

Arctic - Beaufort, Kotzebue Sound
Bering Sea - Yukon Delta
Interior - Innoko, Koyukuk
Waterfowl
Abundance, distribution, habitat, annotated list, mortality,
predation, subsistence, plumage, migration

240. NELSON, U.C. 1950. Investigations on Breeding and Wintering Populations, Nesting Studies and Banding of Migratory Waterfowl. Unpublished report. Project No. 3-R-4. Fed. Aid in Wildl. Rest., Alaska 4(4):4.

This report summarizes dates of spring migration of waterfowl at several locations in Alaska. MRP

Alaska
Loons, swans, geese, ducks
Migration

241. NELSON, U.C. 1950. Investigations on Breeding and Wintering Populations, Nesting Studies, and Banding of Migratory Waterfowl. Unpublished report. Project No. 3-R-5. Fed. Aid in Wildl. Rest., Alaska 5(1):2-26.

This report provides information from waterfowl surveys of the Seward Peninsula, northwestern Alaska, Arctic Coast, Minto Lakes, and Yukon Delta. Data from banding studies at Minto Lakes, Innoko River, and Lower Yukon areas are reported; results of a nesting study at Minto Lakes are also summarized. MRP

Arctic - Kotzebue Sound
Interior - Innoko, Koyukuk
Bering Sea - Yukon Delta
Swans, geese, ducks
Abundance, migration, plumage, predation

242. NELSON, U.C. 1951. Investigations on Breeding and Wintering Populations, Nesting Studies, and Banding of Migratory Waterfowl. Unpublished report. Project No. 3-R-5. Fed. Aid in Wildl. Rest., Alaska 5(4):6-24.

This report provides information from waterfowl surveys of the Yukon Delta, Innoko-Yukon, northwest Alaska, Arctic, Minto Lakes, Seward Peninsula, Fort Yukon, and Lake Louise. Some significant information on Snow Goose and Black Brant migration routes is included. MRP

Alaska
Swans, geese, ducks
Abundance, migration, plumage, predation, habitat

243. NELSON, U.C. 1951. Migratory Waterfowl Studies, Breeding and Wintering Populations, Nesting and Banding. Unpublished report. Project No. 3-R-6. Fed. Aid in Wildl. Rest., Alaska 6(1):3-61.

This is a compendium of several reports on waterfowl studies: geese nesting on the Yukon-Kuskokwim Delta; gull-waterfowl relationships on the Yukon-Kuskokwim Delta; waterfowl at Shishmaref; and waterfowl in the Innoko-Iditarod River area. Information on other species is included. MRP

Arctic - Kotzebue

Interior - Innoko, Koyukuk, Tanana

Bering Sea - Yukon Delta

Waterfowl

Abundance, distribution, checklist, food, migration, predation, reproduction, plumage, subsistence

244. NELSON, U.C. 1952. Migratory Waterfowl Studies - Nesting and Banding Studies. Unpublished report. Project No. W-3-R-7. Fed. Aid in Wildl. Rest., Alaska 7(1):4-17.

This summarizes information collected in 1952 on spring waterfowl migration in Alaska and from banding studies on the Yukon Delta, Copper River Delta, and Minto Lakes area. MRP

Bering Sea - Yukon Delta

Gulf of Alaska - Copper River

Interior - Tanana

Swans, geese, ducks, cranes

Abundance, mortality, plumage, predation, reproduction, migration

245. NELSON, U.C. 1952. Waterfowl banding and migrations in Alaska. Proc. Alaska Sci. Conf. 3:201-207.

This paper describes the waterfowl banding program in Alaska, and includes information on banding techniques, numbers of each species banded, and locations of banding returns. NMH

Arctic

Bering Sea

Gulf of Alaska

Interior

Loons, swans, geese, ducks

Migration, techniques

246. NELSON, U.C. 1953. Cliff-nesting Canada Geese on the Arctic Slope of Alaska. *J. Wildl. Manage.* 17:536.

This short note describes Canada Geese nesting on the steep, often inaccessible 50 to 300-foot cliffs of the upper Colville River. REG

Arctic - Beaufort (Colville R.)
Geese
Canada Goose
Status, distribution, habitat

247. NELSON, U.C. 1953. Migratory Waterfowl Studies. Unpublished report. Project W-3-R-8. Fed. Aid in Wildl. Rest., Alaska 8(1):11-42.

This reports on several studies conducted in 1953: breeding ground survey of the Yukon Flats; nesting and banding study at Minto Lakes; and banding operations on the Copper River Delta. MRP

Interior - Upper Yukon, Tanana (Minto Lakes)
Gulf of Alaska - Copper River
Ducks
Abundance, distribution, reproduction, mortality, predation,
plumage, food

248. NELSON, U.C. 1953. Northern record of nesting of Red-necked Grebe. *Condor* 55:220.

A nest near the junction of the Colville and Itkillik Rivers is reported. REG

Arctic - Beaufort (Colville R., Itkillik R.)
Grebes
Red-necked Grebe
Distribution

249. NELSON, U.C. 1954. Migratory Waterfowl Studies. Unpublished report. Project W-3-R-8. Fed. Aid in Wildl. Rest., Alaska 8(4):23-26.

This reports on two studies conducted in 1954: nesting and banding at Minto Lakes; and comparative breeding biology of Greater and Lesser Scaup. MRP

Interior - Tanana (Minto Lakes)
Swans, geese, ducks
Greater Scaup, Lesser Scaup
Reproduction, abundance, distribution

250. NELSON, U.C. 1954. Migratory Waterfowl Studies. Unpublished report. Project No. W-3-R-9. Fed. Aid in Wildl. Rest., Alaska 9(1):10-39 plus appendices A-D.

This is a compendium of reports on several studies of waterfowl in Alaska in 1954. Included are studies of production on the Yukon Delta, on the Copper River Delta, and at Minto Lakes; banding studies on the Yukon Delta, Innoko and Iditarod River areas, and Copper River Delta; and a breeding ground survey of the Fort Yukon Flats. MRP

Interior - Tanana (Minto Lakes), Innoko, Upper Yukon
Bering Sea - Yukon Delta
Gulf of Alaska - Copper River
Geese, ducks, cranes
Reproduction, abundance, habitat, techniques, mortality, predation

251. NELSON, U.C. 1954. Waterfowl banding and migrations in Alaska. Proc. Alaska Sci. Conf. 3:201-207.

The author presents, mostly in tabular format, a summary of waterfowl bandings and recoveries in and from Alaska between 1948 and 1952. The locations of bandings and recoveries are also given. Most of the information pertains to the Cackling Canada Goose and Black Brant. REG

Alaska
Waterfowl, geese
Canada Goose, Brant
Migration, management, distribution

252. NELSON, U.C. 1955. Migratory Waterfowl Studies. Unpublished report. Project No. W-3-R-10. Fed. Aid in Wildl. Rest., Alaska 10(1):30-71.

Several studies conducted in 1955 are reported, including banding and production on the Copper River Delta; nesting in the Selawik area; and a breeding ground survey of the Fort Yukon Flats. MRP

Arctic - Kotzebue Sound (Selawik)
Interior - Upper Yukon (Yukon Flats)
Gulf of Alaska - Copper River

Geese, ducks
Abundance, reproduction, habitat, distribution, mortality,
predation

253. NELSON, U.C. 1958. Sora, Snowy Egret, Blue-winged Teal and Mourning Dove in Juneau, Alaska. Condor 60:142.

Details of the observations and/or collections of these species are provided. REG

Gulf of Alaska - Southeastern (Juneau)
Ducks, herons, rails
Blue-winged Teal, Snowy Egret, Sora
Distribution, specimen record

254. NELSON, U.C., and W.A. ELKINS. 1949. Preliminary Survey of the Species and Distribution of Food Plants Valuable for Waterfowl on the Stikine River Flats. Unpublished completion report. Project No. 3-R-4. Fed. Aid in Wildl. Rest., Alaska 4(2):30-40, 4(3):5.

This report reviews other reports on the Stikine, presents preliminary information on foods of ducks and geese, identifies needs for further research, and describes management measures. MRP

Gulf of Alaska - Southeastern (Stikine R. Flats)
Geese, ducks
Food, management, research, status

255. NELSON, U.C., and H.A. HANSEN. 1959. The Cackling Goose - its migration and management. *Trans. N. Am. Wildl. Conf.* 24:174-187.

This paper describes the breeding range, migratory route, mortality, population, and management needs of this small Canada Goose. REG

Bering Sea - Yukon Delta
Geese
Canada Goose
Management, migration, distribution, mortality, status

256. NOBLE, H. 1901. Exhibition of eggs. *Bull. Brit. Ornithol. Club* 11:54-55.

This list includes sets of eggs of five species from Alaska. (From Gabrielson and Lincoln, *Birds of Alaska*, 1959. Original not seen.) CMH

Alaska
Geese, ducks
Snow Goose, King Eider
Specimen record

257. NOWAK, M. 1975. Subsistence trends in a modern Eskimo community. *Arctic* 28:21-34.

This paper examines traditional and current subsistence activities of the residents of Mekoryuk on Nunivak Island. MRP

Bering Sea - Nunivak Is.
Geese, ducks, cranes
Subsistence

258. NYSEWANDER, D.R., and D.B. BARBOUR. 1979. The breeding biology of marine birds associated with Chiniak Bay, Kodiak Island, 1975-1978, pp. 21-106. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, vol. 2. NOAA, Environ. Res. Lab., Boulder, Colo.

Abundance, nesting habitat, breeding phenology, and productivity of 10 species are discussed, and data collected in 1978 are compared with those of 1975 and 1977. Chick growth and feeding rates are addressed for Black-legged Kittiwakes and Tufted Puffins. An annotated list of the 75 species observed in summer 1978 is appended. REG

Gulf of Alaska - Kodiak (Chiniak Bay)
Ducks
Common Eider
Reproduction, abundance, annotated list

259. NYSEWANDER, D., and E. HOBERG. 1978. The breeding biology of marine birds associated with Chiniak Bay, Kodiak Island, 1977, pp. 525-574. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, vol. 3. NOAA, Environ. Res. Lab., Boulder, Colo.

The 1977 breeding season phenology and productivity are reported for eight major species nesting on islands of inner Chiniak Bay and on mainland Kodiak. Population estimates and densities of major breeding species are presented. Incidental notes are summarized for six other species breeding in the area. A list of the prey items taken by nine species of seabirds is presented. CMH

Gulf of Alaska - Kodiak (Kodiak Is., Chiniak Bay)
Ducks
Common Eider, Red-breasted Merganser
Reproduction

260. OLSON, S.T. 1954. Gull-waterfowl relationships on the waterfowl breeding grounds in Alaska. Proc. Alaska Sci. Conf. 5:38-39. (Abstract)

The author discusses the significance of gull predation on breeding waterfowl in Alaska. NMH

Alaska
Waterfowl
Predation

261. PALMER, R.S. (ed.). 1962. Handbook of North American Birds. vol. 1. Yale Univ. Press, New Haven, Conn. 567 pp.

This volume is the first in a planned series on the birds of North America. Published and unpublished material is included for each species. Topics addressed for each species include: molt and plumage, field identification, voice, habitat, distribution, migration, reproduction, habits, and food. MRP

Alaska

Loons, grebes, herons

Behavior, distribution, food, plumage, habitat, migration, population dynamics, abundance, status, reproduction

262. PALMER, R.S. (ed.). 1976. Handbook of North American Birds. vol. 2. Yale Univ. Press, New Haven, Conn. 521 pp.

This volume is one of two edited by Palmer on the waterfowl of North America. Published and unpublished material is included for each species. Topics addressed for each species includes: molt and plumage, field identification, voice, habitat, distribution, migration, banding status, reproduction, habits and food. This volume includes swans, geese, and dabbling ducks. MRP

Alaska

Swans, geese, ducks

Abundance, breeding biology, distribution, food, habitat, behavior, migration plumage, population dynamics, status

263. PALMER, R.S. (ed.). 1976. Handbook of North American Birds. vol. 3. Yale Univ. Press, New Haven, Conn. 560 pp.

This volume is one of two edited by Palmer on the waterfowl of North America. Published and unpublished material is included for each species. Topics addressed for each species includes: molt and plumage, field identification, voice, habitat, distribution, migration, banding status, reproduction, habits, and food. This volume includes eiders, wood ducks, diving ducks, mergansers, and stiff-tails. MRP

Alaska

Ducks

Abundance, breeding biology, behavior, distribution, food, plumage, habitat, migration, population dynamics, status

264. PEDERSEN, S. 1971. Status and trends of subsistence resource use at Point Hope, pp. 37-89. In B. MacLeen (dir.), Point Hope Project Report. Univ. Alaska, Fairbanks.

Not reviewed.

Arctic - Chukchi (Point Hope)
Waterfowl
Subsistence

265. PETERSEN, J.D. 1954. Lake Louise Waterfowl Banding Report, Alaska. Unpublished report. U.S. Fish and Wildl. Serv., Anchorage, Alaska. 10 pp.

This brief report summarizes information on birds banded and broods observed in the vicinity of Lake Louise. Logistics are discussed, and recommendations are made for future studies. NMH

Gulf of Alaska - Copper River (Lake Louise)
Ducks
Mallard, Pintail, Green-winged Teal, American Wigeon, Bufflehead,
Oldsquaw, Red-breasted Merganser
Techniques, abundance

266. PETERSEN, M.R. 1976. Breeding biology of Arctic and Red-throated Loons. M.S. thesis. Univ. California, Davis. 55 pp.

This thesis presents information on the breeding biology of Arctic and Red-throated Loons on the Yukon-Kuskokwim Delta. Included are observations of spring phenology, arrival, prenesting behavior, incubation, nests and nest sites, egg sizes, clutch size and chronology, hatching success, and broods of both species. The author discusses factors influencing arrival and nest initiation, hatching success, and brood survival. MRP

Bering Sea - Yukon Delta
Loons
Arctic Loon, Red-throated Loon
Breeding biology

267. PETERSEN, M.R. 1976. Nesting ecology of the Arctic Loon. Pac. Seabird Group Bull. 3(1) :22. (Abstract)

This paper reports on the reproductive success of Arctic Loons and factors influencing it. MRP

Bering Sea - Yukon Delta
Loons
Arctic Loon
Breeding biology

268. PETERSEN, M.R. 1978. The feeding ecology of Steller's Eiders. Pac. Seabird Group Bull. 5(1) :33. (Abstract)

The foods and feeding behavior of Steller's Eiders are reported from a study at Nelson Lagoon. MRP

Bering Sea - Bristol Bay (Nelson Lagoon)
Ducks
Steller's Eider
Food, behavior

269. PETERSEN, M.R. 1979. Nesting ecology of Arctic Loons. Wilson Bull. 91:608-617.

Arctic Loons were studied on the Yukon-Kuskokwim Delta during the nesting seasons of 1974 and 1975. Various aspects of their breeding biology discussed in this paper include: spring phenology and loon arrival, nests and nest-sites, clutch-size and chronology, and hatching success. Pond availability, timing of egg-laying, timing of the goose hatch, and predation are discussed in relation to reproductive success of the loons. MRP

Bering Sea - Yukon Delta (Old Chevak)
Loons, geese
Arctic Loon, Canada Goose
Breeding biology, predation

270. PETERSEN, M.R. 1980. Observations of wing-feather moult and summer feeding ecology of Steller's Eiders at Nelson Lagoon, Alaska. *Wildfowl* 31:99-106.

This paper provides information on the population size, molt chronology, food habits, and feeding behavior of Steller's Eiders at Nelson Lagoon. Differences in the timing of molt between age and sex groups, and changes in foods and feeding behavior throughout the summer are discussed. MRP

Bering Sea - Bristol Bay (Nelson Lagoon)
Ducks
Steller's Eider
Food, plumage, abundance

271. PETERSEN, M.R. 1980. Populations, Feeding Ecology, and Molt of Steller's Eiders. Unpublished final report. U.S. Fish and Wildl. Serv., Div. Wildl. Ecol. and Research, Washington, D.C. 20 pp.

This report provides information on summer populations, feeding ecology, and energetic during the molt of Steller's Eiders on the Alaska Peninsula. MRP

Bering Sea - Bristol Bay (Alaska Peninsula)
Ducks
Steller's Eider
Distribution, abundance, food, physiology

272. PETERSEN, M.R., and M.J. SIGMAN. 1977. Field studies at Cape Peirce, Alaska - 1976, pp. 633-693. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 4. NOAA, Environ. Res. Lab., Boulder, Colo.

This reports information on the abundance, breeding biology, and predation of seabirds, and on spring migration, molt and foraging areas of loons and waterfowl in 1976. An appended table lists the 132 species of birds recorded from the area between 1963 and 1976; notes are included for those recorded only in 1976. CMH

Bering Sea - Bristol Bay (Cape Peirce)
Loons, geese, ducks
Migration, habitat, plumage, reproduction, predation

273. PLOEGER, P.L. 1968. Geographical differentiation in Arctic Anatidae as a result of isolation during the last glacial. *Ardea* 56:1-159.

This paper discusses geographical, phytogeographical, and zoogeographical evidence for differentiation in Anatidae during the last glaciation. The author presents maps depicting current and surmised historical breeding ranges for the major species. He also compares geographical differentiation in the families Anatidae and Gaviidae, and the genera Calidris and Tringa. NMH

Alaska
Loons, swans, geese, ducks
Zoogeography

274. QUIMBY, R. 1972. Waterbird habitat and use of Chickaloon Flats. M.S. thesis. Univ. Alaska, Fairbanks. 85 pp.

Not reviewed.

Gulf of Alaska - Cook Inlet (Chickaloon Flats)
Waterfowl
Habitat

275. RATTI, J.T., and D.E. TIMM. 1979. Migratory behavior of Vancouver Canada Geese: Recovery rate bias, pp. 208-212. In R.L. Jarvis and J.C. Bartonek (eds.), Management and Biology of Pacific Flyway Geese: A Symposium. OSU Book Stores, Inc., Corvallis, Oregon.

This paper analyzes the recoveries from 4,665 Vancouver Canada Geese banded in Southeast Alaska to determine the relative importance of different wintering areas. MRP

Gulf of Alaska - Southeastern
Geese
Canada Goose
Migration, distribution, research

276. RATTI, J.T., D.E. TIMM, and D.R. ANDERSON. 1978. Reevaluation of survival estimates for Vancouver Canada Geese: Application of modern methods. *Wildl. Soc. Bull.* 6:146-148.

The mean life span of Vancouver Canada Geese is calculated, based on analysis of 351 recoveries from 3,491 birds banded as adults. The authors compare and evaluate modern and older methods of calculating survival estimates. MRP

Gulf of Alaska - Southeastern (Glacier Bay)
Geese
Canada Goose
Population dynamics, techniques

277. RATTI, J.T., D.E. TIMM, and F.C. ROBARDS. 1977. Weights and measurements of Vancouver Canada Geese. *Bird-Banding* 48:354-357.

Weights and several other measurements of 309 molting Vancouver Canada Geese captured at Glacier Bay in 1973 are summarized and tested for differences between sexes. Body condition is briefly discussed. CMH

Gulf of Alaska - Southeastern (Glacier Bay)
Geese
Canada Goose
Anatomy, physiology, techniques

278. RAVELING, D.G. 1978. Morphology of the Cackling Canada Goose. *J. Wildl. Manage.* 42:897-900.

This article provides measurements of Cackling Canada Geese collected near Old Chevak, Alaska, and in California. MRP

Bering Sea - Yukon Delta
Geese
Canada Goose
Anatomy

279. RAVELING, D.G. 1978. Spring Surveys of Geese and Swans in Cook Inlet, Kvichak Bay, Nushagak Bay, Kuskokwim Bay to Hazen Bay, and Innoko River, Alaska. Unpublished report. Dept. Wildl. Fish. Biol., Univ. California, Davis. 9 pp.

Aerial surveys of the intertidal areas of Cook Inlet, Kamishak Bay, Nushagak Bay, and the Yukon Delta were conducted May 3-7, 1978, to assess use of the areas by geese and swans during spring migration. Follow-up studies are recommended. MRP

Gulf of Alaska - Cook Inlet
Bering Sea - Bristol Bay, Yukon Delta
Swans, geese
Whistling Swan, Trumpeter Swan, Canada Goose, Brant, Emperor
Goose, White-fronted Goose, Snow Goose
Abundance, distribution

280. RAVELING, D.G. 1978. The timing of egg laying by northern geese. Auk 95:294-303.

This paper presents data on the delay between peak arrival and peak nest initiation by Cackling Geese as it relates to the time required for rapid yolk development. Data available from other studies of Brant, Lesser Snow Geese, and Ross' Geese are reviewed. The plasticity in ovary preparation is discussed in relation to weather patterns that affect spring thaw and the availability of nest sites. MRP

Alaska
Bering Sea - Yukon Delta (Old Chevak)
Geese
Canada Goose, Brant
Physiology, reproduction

281. RAVELING, D.G. 1979. The annual cycle of body composition of Canada Geese with special reference to control of reproduction. Auk 96:243-252.

This paper reports on fluctuations in weight, lipids, and protein content of the body, breast muscles, and liver, and changes in the size of leg muscles, gizzard, and intestines of adult Cackling Geese. Specimens were collected during various stages of the nesting cycle in Alaska, and during fall migration, winter, and spring migration in California. The lipid and protein reserves stored by the geese during spring migration are discussed in relation to initiation of nesting and control of clutch size. MRP

Bering Sea - Yukon Delta
Geese
Canada Goose
Physiology

282. RAVELING, D.G. 1979. The annual energy cycle of the Cackling Canada Goose, pp. 81-93. In R.L. Jarvis and J.C. Bartonek (eds.), Management and Biology of Pacific Flyway Geese: A Symposium. OSU Book Stores, Inc., Corvallis, Oregon.

This paper analyzes the relative contributions of energy supplied from the diet and that obtained from stored reserves during the annual cycle of Cackling Geese. Methods of meeting increased energy demands in various stages of the cycle are discussed. MRP

Alaska
Geese
Canada Goose
Physiology, food

283. RAVELING, D.G., M. SIFRI, and R.B. KNUDSEN. 1978. Seasonal variation of femur and tibiotarsus constituents in Canada Geese. Condor 80:246-248.

This paper presents results of analysis of constituents of the femur and tibiotarsus of 10 Cackling Canada Geese collected on the Clarence Rhode NWR in 1974, and 5 Cackling Canada Geese collected on the Sacramento NWR, California, in 1973. The importance of medullary bone is discussed in relation to rapid yolk development and calcium mobilization for egg-laying. MRP

Bering Sea - Yukon Delta (Clarence Rhode NWR)
Geese
Canada Goose
Physiology

284. REARDEN, J.D. 1951. Minto Lakes Waterfowl Studies. Unpublished completion report. Project No. 3-R-6. Fed. Aid in Wildl. Rest., Alaska 6(2):22-37.

This report summarizes banding activities, evaluates banding and trapping techniques, and presents biological information on waterfowl in the Minto Lakes region. Annotated accounts of waterfowl are included. MRP

Interior - Tanana (Minto Lakes)
Swans, geese, ducks
Abundance, distribution, reproduction, predation, annotated list

285. RHODE, E. 1979. This wild goose chase paid off. Natl. Wildl. 17(2):4-9.

This popular article recounts the efforts of U.S. Fish and Wildlife Service biologists to restore the endangered Aleutian Canada Goose to its former breeding range. CMH

Aleutians
Geese
Canada Goose
Public interest, status

286. RIDGWAY, R. 1880. The Little Brown Crane (Grus fraterculus Cassin). Bull. Nutt. Ornithol. Club 5:187-188.

This paper mentions several locations in Alaska where the Little Brown Crane (= Sandhill Crane) was taken. (From T. J. Cade, 1953, A Synoptic Bibliography of Alaskan Ornithology, Univ. Calif. Dept. Zool., Los Angeles. Original not seen.) CMH

Alaska
Cranes
Sandhill Crane
Distribution

287. RIDGWAY, R. 1883. Notes on the Anser leucopareius of Brandt. Proc. U.S. Natl. Mus. 8:21-22.

The Cackling Canada Goose (Branta minima) is distinguished from other Branta species and the specific name minima is proposed. REG

Bering Sea
Geese
Canada Goose
Taxonomy

288. RIDGWAY, R. 1885. Melanetta fusca (Linn.) [sic] in Alaska. Proc. U. S. Natl. Mus. 7:68.

The author describes a specimen of Velvet Scoter collected at Allokuagik Lake, July 20, 1882. The bird was later determined by Osgood (1904, North Am. Fauna 24) to be a white-winged Scoter (M. deglandi). REG

Bering Sea - Bristol Bay
Ducks
White-winged Scoter
Distribution, specimen record

289. ROBARDS, F.C. 1960. Construction and operation of a portable goose trap. J. Wildl. Manage. 24:329-331.

This note describes the design, construction and use of a trap developed for a goose banding operation at Adams Inlet, Glacier Bay National Monument. NMH

Gulf of Alaska - Southeastern (Adam's Inlet)
Geese
Canada Goose
Techniques

290. ROSENEAU, D. 1961. A new record of Great Blue Heron for Cook Inlet. Bull. Alaska Ornithol. Soc. 1:26-27. (Mimeo)

Not reviewed.

Gulf of Alaska - Cook Inlet
Hérons
Great Blue Heron
Distribution

291. ROUDYBUSH, T., and C.R. GRAU. 1977. Yolk formation in some Pacific seabirds and shorebirds. Pac. Seabird Group Bull. 4(1):17-18. (Abstract)

The number of days required for rapid yolk formation is reported for 14 species of birds. MRP

Bering Sea - Yukon Delta (Clarence Rhode NWR)
Loons
Arctic Loon, Red-throated Loon
Physiology

292. SAGE, B.L. 1971. A study of White-billed Divers in Arctic Alaska. Br. Birds 64:519-528.

Results of a study from 1969-1971 of the habitat, breeding biology, and behavior of the Yellow-billed Loon are presented. Some information on feeding behavior and on interactions with Arctic Loons and diving ducks is also given. CMH

Arctic - Beaufort (Sagavanirktok R.)
Loons, ducks
Yellow-Billed Loon, Arctic Loon
Breeding biology, food

293. SALOMONSEN, F. 1968. The moult migration. Wildfowl 19:5-24.

The author reviews the information available on molt migration of waterfowl, and classifies the various types. He discusses the ultimate and proximate causes of a molt migration. Several species in Alaska are discussed, particularly eiders. The need for further studies is emphasized. MRP

Alaska
Waterfowl
Migration, research

294. SANGER, G.A., R.D. JONES, JR., and D.W. WISWAR. 1979. The winter feeding habits of selected species of marine birds in Kachemak Bay, Alaska, pp. 309-347. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 2. NOAA, Environ. Res. Lab., Boulder, CO 10.

This report summarizes preliminary results on the winter food habits of four species of marine birds in Kachemak Bay. Aggregate percent numbers, volume, and frequency of occurrence of prey species are graphed and tabulated for each bird species. CMH

Gulf of Alaska - Cook Inlet (Kachemak Bay)
Ducks
Odsquaw, White-winged Scoter
Food

295. SANGSTER, M. E., C.T. BENZ, and D.J. KURHAJEC. 1977. Critical Wildlife Areas in Port Etches and Constantine Harbor, Hinchinbrook Island, Prince William Sound. Unpublished report. U.S. Fish and Wildl. Serv., Office of Special Studies, Anchorage, Alaska. 18 pp.

This report describes critical habitats for waterfowl and seabirds in Port Etches and Constantine Harbor. Annotated species accounts and maps delineating critical habitats are included. MRP

Gulf of Alaska - Prince William Sound
Waterfowl
Annotated list, habitat

296. SCHAMEL, D.L. 1974. The breeding biology of the Pacific Eider (Somateria mollissima v-nigra Bonaparte) on a barrier island in the Beaufort Sea, Alaska. M.S. thesis. Univ. Alaska, Fairbanks. 95 pp.

The breeding biology of Common Eiders was studied on a barrier island in 1971 and 1972. Mechanisms for avoiding predation of nests are discussed. Some information on the spring migration of the King Eider is included. MRP

Arctic - Beaufort
Ducks
Common Eider, King Eider
Breeding biology, predation, migration

297. SCHAMEL, D. 1977. Breeding of the Common Eider (Somateria mollissima) on the Beaufort Sea Coast of Alaska. Condor 79:478-485.

This paper describes the interrelationships of eiders and Glaucous Gulls nesting in a mixed colony, but emphasizes the breeding biology of the Common Eider. REG

Arctic - Beaufort
Ducks
Common Eider
Breeding biology

298. SCHILLER, B.L. 1951. Studies on the helminth fauna of Alaska. VI. The parasites of the Emperor Goose (Philacte canagica L.) with the description of Hymenolepis philactes, n. sp. J. Parasitol. 37:217-220.

This paper describes a new species of cestode parasite taken from Emperor' Geese collected on St. Lawrence Island in August and September 1950. MRP

Bering Sea - St. Lawrence Is.
Geese
Emperor Goose
Disease and parasites

299. SCHMIDT, G.D. 1969. Corynosoma bipapillum n. Bonaparte's Gull Larus philadelphia in Alaska, with a note on C. constrictum van Cleave, 1918. J. Parasitol. 51:814-816.

This paper describes Corynosoma bipapillum sp. n. (a new species) taken from the posterior gut of a juvenile Bonaparte's Gull collected at Lake George. Also included is a description of Corynosoma constrictum, recovered from Pintail, Lesser Scaup, and White-winged Scoter. MRP

Interior - Tanana (Lake George)
Ducks
Pintail, Lesser Scaup, White-winged Scoter
Disease and parasites

300. SCHNEIDER, K.B. 1965. Growth and plumage development of ducklings in Interior Alaska. M.S. thesis. Univ. Alaska, College. 67 pp.

This thesis describes rates of growth and plumage development of known-age Mallard, Canvasbacks, Lesser Scaup, and Bufflehead ducklings. The possibility of using measurements and plumage characteristics to determine age is discussed. MRP

Interior - Tanana (Tetlin)
Ducks
Mallard, Canvasbacks, Lesser Scaup, Bufflehead
Plumage, techniques

301. SCHROEDER, L. D., S.M. CARNEY, and E.M. MARTIN. 1974. Distribution of Duck Stamp Sales within States during Fiscal Years 1962-71. U.S. Fish and Wildl. Serv., Spec. Sci. Rep. Wildl. 180. 46 pp.

This report presents information on the relative number of waterfowl hunters in each area in Alaska and changes in numbers during the 10-year period ending June 30, 1971. MRP

Alaska
Waterfowl
Management

302. SCOTT, D. 1977. Breeding behaviour of wild Whistling Swans. -Wildfowl 28:101-106.

This paper describes the roles of the male and female in incubation, territorial defense, and care of the young, and evaluates the ecological significance of their division of labor. CMH

Bering Sea - Yukon Delta (Old Chevak)
Swans
Whistling Swan
Behavior

303. SCOTT, R.F. 1948. Banding of Waterfowl and Study of Nesting Conditions. Unpublished report. Fed. Aid in Wildl. Rest., Alaska. Project No. 3-R-3, Work Plan No. 8, Job. No. 8. 49 pp.

This report provides information from an intensive survey of the Innoko River region. General life history information, numbers, and distribution of waterfowl are presented. A checklist and notes on common species are included. MRP

Interior - Innoko
Geese, ducks, cranes
Checklist, distribution, mortality, subsistence, reproduction,
plumage, techniques

304. SCOTT, R.F. 1956. Migratory Waterfowl Studies. Unpublished report. Project No. M-3-R-11. Fed. Aid in Wildl. Rest., Alaska 11(1):3-6.

This report summarizes results of a waterfowl banding study conducted in 1952 on the Copper River Delta. Brood size data for ducks and geese are also presented. MRP

Gulf of Alaska - Copper River (Copper R. Delta)
Geese, ducks
Reproduction, techniques

305. SEVASTIANOFF, L'ADJOINT. 1802. Description d'une Nouvelle Espece de Canard et d'une Variete de L'Huitrier. Nova Acts Acad. Sci. Imp. Petrop. 13:346-351.

This paper gives the "original description of Emperor Goose, probably from Kanaga or Kyktak, Aleutian Islands." (From Gabrielson and Lincoln, Birds of Alaska, 1959. Original not seen.) CMH

Aleutians
Geese
Emperor Goose
Specimen record, taxonomy

306. SHEPHERD, P.E.K. 1960. Distribution and Abundance of the Black Brant in Alaska. Alaska Dept. Fish and Game, Div. Game, Pittman-Robertson Proj. Rep. 2(8):58-60.

Aerial surveys of the coast from Cape Lisburne to the Colville River Delta were conducted in late June and early July 1960. Significant Brant breeding populations were located. MRP

Arctic - Beaufort, Chukchi
Geese
Brant
Abundance, reproduction

307. SHEPHERD, P.E.K. 1960. Mortality studies of Western Canada Geese - Copper River Delta. Alaska Dept. Fish and Game, Div. Game, Pittman-Robertson Proj. Rep. 2(8):50-57.

A total of 619 Western Canada Geese was captured in 1960 by hand netting and use of a wire trap. Methods of capture were compared for efficiency. MRP

Gulf of Alaska - Copper River
Geese
Canada Goose
Techniques, status

308. SHEPHERD, P. E.K. 1960. Production, Harvest, Distribution and Migration of Waterfowl in Alaska. Alaska Dept. Fish and Game, Div. Game, Pittman-Robertson Proj. Rep. 2(8):61-77.

Results from brood surveys of puddle ducks in the Minto Lakes area are compared with those from previous years. Wire diver traps and baited traps used to capture ducks for banding are described, and age and sex composition of the birds trapped is noted. The average harvest per day for 110 hunters is given. MRP

Interior - Tanana (Minto Lakes)
Geese, ducks
Age and sex composition, techniques, mortality, status, management

309. SHEPHERD, P.E.K. 1962. An ecological reconnaissance of the Trumpeter Swan in southcentral Alaska. M.S. thesis. Wash. State Univ. , Pullman. 168 pp.

This thesis presents detailed information on the breeding biology, distribution, abundance, and habitat requirements of Trumpeter Swans in Alaska. Recommendations for management and research are included. MRP

Gulf of Alaska - Cook Inlet (Kenai Peninsula), Copper River (Copper R. Delta, Martin R. Flats, Bremner R.)
Swans
Trumpeter Swan
Distribution, abundance, habitat, breeding biology, management, research, checklist

310. SHEPHERD, P.E.K. 1965. A preliminary evaluation of earthquake damage to waterfowl habitat in southcentral Alaska. Proc. Annu. Conf. W. Assoc. State Game Fish Comm. 45:76-80.

The effects of the March 1964 earthquake on waterfowl habitats in southcentral Alaska are assessed and discussed. REG

Gulf of Alaska - Copper River (Copper R. Delta), Cook Inlet
Swans, geese
Trumpeter Swan, Canada Goose
Habitat

311. SHEPHERD, P.E.K. 1965. Waterfowl Report. Unpublished report. Project No. W-6-R-5. Fed. Aid in Wildl. Rest., Alaska 6:1-13.

This report summarizes information from waterfowl studies conducted in Alaska in 1964. Included are: Minto Flats breeding drake censuses; a study of productivity on Minto Flats; studies on the Yukon-Kuskokwim Delta; and studies on the Copper River Delta. MRP

Alaska
Interior - Tanana (Minto Lakes)
Bering Sea - Yukon Delta
Gulf of Alaska - Copper River (Copper R. Delta)
Swans, geese, ducks, cranes
Abundance, reproduction, mortality

312. SHEPHERD, P. E. K., B.L. HILLIKER, and J.H. CROW. 1968. Waterfowl Report. Unpublished annual report. Project No. W-13-R-2 and 3. Fed. Aid in Wildl. Rest., Alaska 9:1-39.

This report summarizes information from waterfowl studies conducted in Alaska in 1967. General comments on Alaska as well as specific studies are included. Studies reported are: production of waterfowl on the Copper River Delta; waterfowl habitat inventory; ecological survey of waterfowl habitats in the Juneau-Mendenhall area; and a study of Mallards wintering in southeast Alaska. MRP

Alaska
Gulf of Alaska - Southeastern (Juneau-Mendenhall), Copper River
Geese, ducks
Management, habitat, reproduction, abundance

313. SHEPHERD, P. E. K., B. L. HILLIKER, and R. J. SOMERVILLE. 1967. Waterfowl Report. Unpublished annual report. Project No. W-13-R-1 and 2. Fed. Aid in Wildl. Rest., Alaska 8:1-27.

This report summarizes information from waterfowl studies conducted in Alaska in 1966. General comments on Alaska as well as specific studies on Canada Geese of the Copper River Delta, wetland inventory work, and waterfowl use of the Juneau-Mendenhall tidelands are included. MRP

Alaska
Gulf of Alaska - Copper River, Southeastern
Geese, ducks
Management, habitat, reproduction

314. SHERWOOD, G. 1962. Chevak and the Black Brant. Alaska Sportsman 28:23-26.

This is a popular article describing Brant nesting on a portion of the western Yukon Delta. REG

Bering Sea - Yukon Delta (Chevak)
Geese
Brant
Public interest

315. SHORTT, T. M. 1940. Eared Grebe at Yakutat, Alaska - A correction. Condor 42:170.

The author referred to Columbus nigricollis (= Podiceps nigricollis) as a common migrant at Yakutat (Shortt, Contrib. Royal Ontario Mus. Zool. 17, 1939) when instead he meant C. auritus (= P. auritus). REG

Gulf of Alaska - Copper River (Yakutat)
Grebes
Horned Grebe
Distribution

316. SJOLANDER, S. and G. AGREN. 1976. Reproductive behavior of the Yellow-billed Loon, Gavia adamsii. Condor 78:454-463.

The authors describe the reproductive behavior of the Yellow-billed Loon, and discuss its taxonomic relationship with other species of loons. MRP

Arctic - Beaufort (Alaktak)
Loons
Yellow-billed Loon
Behavior, taxonomy

317. SLADEN, W.J.L. 1970. Studies on the Whistling Swan, 1970. J. Wildl. Dis. 6:128-129.

This note describes the migration of Whistling Swans and research involving individually marked birds. NMH

Alaska
Swans
Whistling Swan
Techniques, migration

318. SLADEN, W.J.L. 1973. A continental study of Whistling Swans using neck collars. Wildfowl 24:8-14.

The author describes the use of color-coded neck collars on Whistling Swans and the success of band reporting. Details of the continental marking protocol are included. MRP

Alaska
Swans
Whistling Swan, Trumpeter Swan
Techniques

319. SLADEN, W.J.L., and A.A. KISTCHINSKI. 1977. Some results from circumpolar marking problems on northern swans and Snow Geese. Int. Congr. Game Biol. 13:498-507.

This paper presents information on the reporting rates of neck-collared swans banded in Alaska and northeast Siberia. A similar program of marking Snow Geese is reported from non-Alaska areas, and a program for marking Anser species geese is proposed. MRP

Alaska
Swans
Whistling Swan, Trumpeter Swan
Management, migration, distribution

320. SLADEN, W. J. L., and C. LENSINK. 1971. A continental study of the Whistling Swan. *Proc. Alaska Sci. Conf.* 22:37. (Abstract)

The effectiveness of Whistling Swan banding and neck-collaring programs is discussed. Notes on migration based upon observations of marked swans are included. NMH

Alaska
Swans
Whistling Swan
Techniques, migration, distribution

321. SLADEN, W. J. L., R. SCHWEINSBURG, and W. GUNN. 1970. The migrations of the Whistling Swan. *Proc. Alaska Sci. Conf.* 21:121-122. (Abstract)

The authors describe a banding program for Whistling Swans. Preliminary results on migration patterns based on observations of marked birds and radio tracking are presented. NMH

Alaska
Swans
Whistling Swan
Techniques, migration

322. SPAULDING, M. 1978. Waterfowl Hunter Bag Checks on the Mendenhall Flats, Juneau, Alaska, 1978. Unpublished annual report. U.S. Fish and Wildl. Serv., Juneau, Alaska. 57 pp.

This report establishes a sampling base of the hunting harvest of the Mendenhall wetlands, compares game bag checks in 1978 to those of previous years, and recommends ways to improve estimates of the hunting harvest. A sample form, map of the area, and weekly game bag check data are appended. MRP

Gulf of Alaska - Southeastern (Mendenhall Flats)
Geese, ducks
Techniques, abundance, management

323. SPENCER, D.L., U.C. NELSON, and W.A. ELKINS. 1951. America's greatest goose-brant nesting area. Trans. N. Am. Wildl. Conf. 16:290-295.

The importance of the Yukon-Kuskokwim Delta as a waterfowl production area is established. Limited information is presented on bandings, recoveries, and adult weights. REG

Bering Sea - Yukon Delta

Geese

Canada Goose, Brant, Emperor Goose, White-fronted Goose

Anatomy, distribution

324. SPRINGER, A.M., D.G. ROSENEAU, and M. JOHNSON. 1979. Ecological studies of colonial seabirds at Cape Thompson and Cape Lisburne, Alaska, pp. 517-574. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 2. NOAA, Environ. Res. Lab., Boulder, Colo.

Aspects of population dynamics, reproductive biology, and feeding habits are discussed primarily for Common Murres and Black-legged Kittiwakes, but some information on other species is presented. CMH

Arctic - Kotzebue Sound (Cape Thompson, Cape Lisburne)

Ducks

Common Eider, King Eider

Habitat

325. STEELE, B.B., and W.H. DRURY. 1977. Birds of coastal habitats on the south shore of the Seward Peninsula, Alaska, pp. 1-178. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 3. NOAA, Environ. Res. Lab., Boulder, Colo.

Detailed information is provided on distribution, abundance, and reproductive and feeding ecology of seabirds in the Norton Sound region. Maps depicting waterfowl densities along the coast in fall are presented, along with some brood counts. Shorebirds are discussed in general terms. CMH

Bering Sea - Norton Sound

Waterfowl

Distribution, abundance, reproduction, pollution, management

326. STEPHENSON, D., and G. SMART. 1972. Egg measurements for three endangered species. Auk 89:191-192.

This note provides external measurements of eggs of the Whooping Crane, Aleutian Canada Goose, and Masked Bobwhite Quail. CMH

Aleutians - (Buldir Is.)
Geese
Canada Goose
Anatomy

327. STEPHENSON, R.O. 1970. A study of the summer food habits of the arctic fox on St. Lawrence Island, Alaska. M.S. thesis. Univ. Alaska, College. 75 pp.

This presents results of a study in summer 1968 of the food habits of arctic foxes denning in lowland tundra and seacliff habitats. Over 1,500 scats were analyzed from 24 dens. The composition of the diet is discussed in relation to availability of prey species. CMH

Bering Sea - St. Lawrence Is.
Waterfowl
Predation

328. STEWART, P.A. 1967. Diving schedules of a Common Loon and a group of Oldsquaws. Auk 84:122-123.

Diving times of a Common Loon and Oldsquaws were recorded near Petersburg in 1962. MRP

Gulf of Alaska - Southeastern (Wranglell Narrows)
Loons, ducks
Common Loon, Oldsquaw
Food, behavior

329. STONE, W. 1899. The summer molting plumage of certain ducks. Proc. Acad. Nat. Sci. Phila. 1899:467-472.

The author discusses the summer molt of Arctic birds and provides brief descriptions of birds collected by E.A. McIlhenny at Point Barrow. MRP

Arctic - Chukchi (Point Barrow)
Ducks
Steller's Eider, Common Eider, King Eider, Spectacle Eider, Red-breasted Merganser
Plumage, specimen record

330. STRANG, C.A. 1976. Feeding behavior and ecology of Glaucous Gulls in western Alaska. Ph.D. thesis. Purdue Univ. , Lafayette, Indiana. 145 pp.

The comparative feeding behavior and ecology of a coastal and inland nesting population of Glaucous Gulls were studied from 1972 to 1974. Included are chapters on time-energy budgets, harassment, waterfowl nesting among gulls, and factors limiting gull populations. REG

Bering Sea - Yukon Delta
Geese, ducks
Canada Goose, Brant, Common Eider
Predation

331. STRANG, C.A. 1980. Incidence of avian predators near people searching for waterfowl nests. *J. Wildl. Manage.* 44:220-222.

This paper discusses the incidence of Glaucous Gulls and jaegers near people searching for waterfowl nests and assesses the possible impacts of this association on nesting success. More research on loss of eggs from undisturbed nests is suggested.

MR P

Bering Sea - Yukon Delta
Geese
White-fronted Goose
Predation

332. SUTTON, G.M. 1943. The wing molts of adult loons: A review of the evidence. *Wilson Bull.* 55:145-150.

The author discusses the timing of wing molt for Yellow-billed, Common, Arctic, and Red-throated Loons. His discussion is based in part on examination of specimens of all but the Common Loon collected by the McIlhenny Expedition to Pt. Barrow in 1897-1898. CMH

Arctic - Chukchi (Barrow)
Loons
Yellow-billed Loon, Arctic Loon, Red-throated Loon
Plumage

333. SWARTH, H.S. 1913. A study of a collection of geese of the Branta canadensis group from the San Joaquin Valley, California. Univ. Calif. Publ. Zool. 12:1-24.

The author "mentions four specimens of Branta canadensis occidentals from Prince William Sound." (From Gabrielson and Lincoln, Birds of Alaska, 1959. Original not seen.) CMH

Gulf of Alaska - Prince William Sound
Geese
Canada Goose
Taxonomy, distribution

334. SWARTH, H.S., and H.C. BRYANT. 1917. A study of the races of the White-fronted Goose (Anser albifrons) occurring in California. Univ. Calif. Publ. Zool. 17:209-222.

Mention is made of a record from Cape Vancouver, Nelson Island, Alaska. (From Gabrielson and Lincoln, Birds of Alaska, 1959. Original not seen.) REG

Bering Sea - Yukon Delta (Nelson Is.)
Geese
White-fronted Goose
Specimen record, taxonomy

335. TAVERNER, P.A. 1931. A study of Branta canadensis (Linnaeus), the Canada Goose. Bull. Nat. Mus. Can. 67:28-40.

This paper "mentions records of specimens from Alaska." (From Gabrielson and Lincoln, Birds of Alaska, 1959. Original not seen.) CMH

Alaska
Geese
Canada Goose
Distribution, specimen record, taxonomy

336. THOMPSON, D. Q., and R.A. PERSON. 1963. The eider pass at Point Barrow, Alaska. J. Wildl. Manage. 27:348-356.

This paper presents observations of King and Common Eiders during migration past Point Barrow from July through September 1953. Age and sex segregation are noted, and patterns of migration are analyzed in relation to weather. Subsistence harvest by Eskimos is discussed, and information on weights, molt, and plumage of collected birds is presented. MRP

Arctic - Chukchi (Point Barrow)

Ducks

Common Eider, King Eider

Age and sex composition, migration, plumage, subsistence, anatomy

337. THOMPSON, M. C., and R.L. DELONG. 1969. Birds new to North America and the Pribilof Islands, Alaska. Auk 86:747-749.

Four species new to North America and 11 new to the Pribilof Islands were recorded during summer field seasons from 1964 to 1968. Dates of observations and specimen data are presented. MRP

Bering Sea - Pribilof Is.

Loons, ducks

Common Loon, Surf Scoter

Annotated list, specimen record, distribution

338. TIMM, D. 1975. Ingested Lead Shot in Alaska Waterfowl - 1974-75 Hunting Season. Unpublished report. Alaska Dept. Fish and Game, Anchorage, Alaska. 9 pp.

This report analyzes the incidence of ingested lead shot in gizzards of 664 ducks and 57 geese collected at 17 locations in Alaska in 1974. Problem areas are identified, and further research is suggested. MRP

Bering Sea - Bristol Bay

Gulf of Alaska - Kodiak, Cook Inlet, Copper River, Southeastern

Geese, ducks

Mortality, pollution, research

339. TIMM, D. E., and R.G. BROMLEY. 1976. Driving Canada Geese by helicopter. Wildl. Soc. Bull. 4:180-181.

This brief article describes methods and analyzes the cost and efficiency of using aircraft to drive flightless Canada Geese on the Copper River Delta. Use of a helicopter and Piper Super Cub are compared. MRP

Gulf of Alaska - Copper River (Copper R. Delta)
Geese
Canada Goose
Techniques

340. TIMM, D. E., R.G. BROMLEY, D.E. MCKNIGHT, and R.S. ROGERS. 1979. Management evolution of Dusky Canada Geese, pp. 322-330. In R.L. Jarvis and J.C. Bartonek (eds.), Management and Biology of Pacific Flyway Geese: A Symposium. OSU Book Stores, Inc., Corvallis, Oregon.

This paper reviews the management of Dusky Canada Geese, and discusses challenges for future managers. MRP

Gulf of Alaska - Copper River
Geese
Canada Goose
Management

341. TIMM, D.E., and C.P. DAU. 1979. Productivity, mortality, distribution and population status of Pacific Flyway White-fronted Geese, pp. 280-298. In R.L. Jarvis and J.C. Bartonek (eds.), Management and Biology of Pacific Flyway Geese: A Symposium. OSU Book Stores, Inc., Corvallis, Oregon.

This paper analyzes production, mortality, distribution, and inventory data for the Pacific Flyway White-fronted Goose. Total harvest in recent years is discussed in relation to the capabilities of the population to sustain itself. MRP

Alaska
Geese
White-fronted Goose
Abundance, distribution, management, migration, mortality, population dynamics, status

342. TIMM, D. E., S. O. MORGAN, and R. E. WOOD. 1975. Wolf as predator on Mallards in a bait trap. Can. Field-Nat. 89:322.

This note reports an observation of wolves removing Mallards from a bait trap near Petersburg. MRP

Gulf of Alaska - Southeastern (Petersburg)
Ducks
Mallard
Predation

343. TIMSON, R. S. 1976. Late Summer Migration at Barrow, Alaska, pp. 364-399. In Environmental Assessment of the Alaskan Continental Shelf, Principal Investigators' Reports, April-June 1976, Vol. 1. NOAA, Environ. Res. Lab., Boulder, Colo.

This reports on migration of marine birds past Barrow between August 27 and September 16, 1975. Migration is analyzed for each species group in relation to weekly period, time of day, wind conditions, and flock size. Subsistence hunting activity is also addressed. CMH

Arctic - Chukchi (Barrow)
Loons, geese, ducks
Migration, subsistence, age and sex composition

344. TODD, W. E. 1950. Nomenclature of the White-fronted Goose. Condor 52:63-68.

The nomenclature and distribution of all races of the White-fronted Goose are examined; three American races, with accompanying meristic data, are discussed. REG

Alaska
Geese
White-fronted Goose
Distribution, specimen record, taxonomy

345. TRAPP, J. L. Techniques used in reducing oil impact on bird populations. Presented at Leadership Oiled-bird Rehabilitation Workshop. Anchorage, Alaska. November 14-15, 1978.

This paper describes means of deterring marine birds from approaching the site of oil spills. Well designed experiments to test the effects of these deterrent techniques are urged. MRP

Alaska
Waterfowl
Pollution, techniques

346. TRAPP, J.L. and R.A. MACINTOSH. 1978. First North American specimen of the Spotbill Duck. West. Birds 9:127-128.

This note provides information on the first specimen and second record of the Spotbill Duck for North America. MRP

Gulf of Alaska - Kodiak (Kodiak Is.)
Ducks
Spotbill Duck
Distribution, specimen record

347. TRAUGER, D.L., and J.C. BARTONEK. 1977. Leech parasitism of waterfowl in North America. Wildfowl 28:143-152.

This is a review of the distribution and significance of leech parasitism of waterfowl in North America. Included is a previously unpublished occurrence of infestation of Dusky Canada Geese in Alaska. CMH

Gulf of Alaska - Copper River
Geese
Canada Goose
Disease and parasites

348. UDVARDY, M.D.F. 1979. Zoogeography and taxonomic relationships of seabirds in northern North America. U.S. Fish and Wildl. Serv., Wildl. Res. Rep. 11:167-170.

This paper briefly summarizes the zoogeography and taxonomic relationships of marine birds from northern and northwestern North America. MRP

Alaska
Waterfowl
Zoogeography, taxonomy

349. U.S. DEPARTMENT OF DEFENSE. 1967. Waterfowl Report 1967. Unpublished report. U. S. Army, Fish and Wildlife Office, Fort Richardson, Alaska. 19 pp.

This report provides spring and fall census data of waterfowl, and the number of ducks and geese harvested during a special opening of an area previously closed to hunting on the Fort Richardson Military Reservation. The area appears to be important for migrating puddle ducks and Trumpeter Swans. MRP

Gulf of Alaska - Cook Inlet (Fort Richardson Military Reservation)
Swans, geese, ducks
Abundance, management

350. U.S. FISH AND WILDLIFE SERVICE. 1980. Workshop on Migratory Bird Subsistence Hunting. Proceedings of Workshop. U. S. Dept. Interior, U. S. Fish and Wildl. Serv., Anchorage, Alaska. 119 pp.

This publication contains the presentations, comments, and summaries of topics discussed at the migratory bird subsistence hunting workshop held January 29-30, 1980 in Anchorage. MRP

Alaska
Waterfowl
Subsistence, public interest

351. VAN CLEAVE, H. J., and R. L. RAUSCH. 1951. The Acanthocephalan parasites of eider ducks. Proc. Helminthol. Soc. Wash. 18:81-84.

This paper lists several species of Acanthocephalan parasites found in Common Eiders and King Eiders collected in Alaska. MRP

Alaska
Ducks
Common Eider, King Eider
Disease and parasites

352. VAN HORN, D. 1979. Surveys and investigations of the Vancouver Canada Goose (*Branta canadensis fulva*) in southeast Alaska. Proc. Alaska Sci. Conf. 29:259. (Abstract)

This abstract identifies studies of Vancouver Canada Geese on National Forest lands in southeast Alaska. MRP

Gulf of Alaska - Southeastern
Geese
Canada Goose
Research

353. VAN HORN, D., P. BARRINGTON, and J.T. RATTI. 1979. Preliminary results of surveys of the Vancouver Canada Goose (Branta canadensis fulva) in southeast Alaska, pp. 310-315. In R.L. Jarvis and J.C. Bartonek (eds.), Management and Biology of Pacific Flyway Geese: A Symposium. OSU Book Stores, Inc., Corvallis, Oregon.

This paper provides information on distribution, habitat use, and reproduction of Vancouver Canada Geese in southeast Alaska. Implications to forest management are discussed. MRP

Gulf of Alaska - Southeastern
Geese
Canada Goose
Distribution, habitat, reproduction, management

- 354* WALKINSHAW, L.H. 1949. Some Whistling Swan observations in western Alaska. Wilson Bull. 61:111.

This note provides observations of Whistling Swans breeding near Bethel. NMH

Bering Sea - Yukon Delta (Bethel)
Swans
Whistling Swan
Abundance, distribution

355. WARBURTON, S., JR. 1931. Nesting of the Little Brown Crane. Murrelet 12:3-6.

The author presents a narrative account of observations of a pair of Sandhill Cranes nesting on the Yukon Delta in 1929. REG

Bering Sea - Yukon Delta
Cranes
Sandhill Crane
Breeding biology

356. WEBSTER, J.D. 1941. The Ring-necked Duck in southeastern Alaska. Wilson Bull. 53:42.

This note presents observations of Ring-necked Ducks in Petersburg. NMH

Gulf of Alaska - Southeastern (Petersburg)
Ducks
Ring-necked Duck
Distribution

357. MEEDEN, R., P. LE ROUX, and B. HILL LLIKER. 1969. Waterfowl Report. Unpublished annual report. Project No. W-13-R-3 and W-17-1. Fed. Aid in Wildl. Rest., Alaska 10:1-19.

This report summarizes information from waterfowl studies conducted in Alaska in 1968. General comments on Alaska as well as specific studies are reported. Studies included are: Canada Goose banding on the Copper River Delta; waterfowl bag checks in southcentral Alaska and Cordova; and Mallard banding in southeastern Alaska. MRP

Alaska
Gulf of Alaska - Copper River, Southeastern, Cook Inlet
Geese, ducks
Management, habitat, reproduction, abundance

358. WEHLE, D.H.S. 1978. Studies of marine birds on Ugaiushak Island, pp. 208-312. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, vol. 3. NOAA, Environ. Res. Lab., Boulder, Colo.

A study of the marine birds of Ugaiushak Island was conducted in 1977. Abundance, phenology, and production are addressed for each of 15 species. Information on foods and foraging areas, chick growth, relaying and twinning experiments, and colony attendance is presented for some. CMH

Gulf of Alaska - Kodiak (Ugaiushak Is.)
Ducks
Common Eider
Reproduction, habitat, abundance

359. WEHLE, H., E. HOBERG, and K. POWERS. 1977. Studies of marine birds on Ugaiushak Island, pp. 155-277. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 4. NOAA, Environ. Res. Lab., Boulder, Colo.

This reports on the populations, breeding biology, food habits, and foraging areas of 21 species in summer 1976. A daily checklist of the 50 species observed on the island is appended. CMH

Gulf of Alaska - Kodiak (Ugaiushak Is.)
Swans, ducks
Harlequin Duck, Common Eider
Abundance, reproduction, checklist

360. WELLER, M.W. 1964. Distribution and migration of the Redhead. J. Wildl. Manage. 28:64-103.

This comprehensive paper includes a brief summary of nesting records of this species in Alaska. Birds are noted to breed in two areas of the interior of Alaska, and possibly in the Aleutians. REG

Alaska
Aleutians
Interior - Tanana, Upper Yukon
Ducks
Redhead
Distribution, migration, status

361. WIENS, J.A., D. HEINEMANN, and W. HOFFMAN. 1978. Community structure, distribution and interrelationships of marine birds in the Gulf of Alaska, pp. 1-178. In Environmental Assessment of the Alaskan Continental Shelf, Final Reports of Principal Investigators, Vol. 3. NOAA, Environ. Res. Lab., Boulder, Colorado.

This report discusses in detail the problems associated with censusing marine birds at sea and discusses the formation and characteristics of feeding flocks, particularly those which contain more than one species. Loons are mentioned. PJG

Gulf of Alaska
Loons
Common Loon, Arctic Loon, Red-Throated Loon
Techniques, behavior, food, abundance

362. WILKE, F. 1944. Three new bird records for St. Paul Island, Alaska. Auk 61:655-656.

This note provides the first records of the Whooper Swan, Black Scoter, and Sanderling for the Pribilof Islands. Other species are mentioned. CMH

Bering Sea - Pribilof Is.
Swans, ducks
Whooper Swan, Black Scoter
Distribution, Food

363. WILLETT, G. 1920. Additional notes on the avifauna of Forrester Island, Alaska. Condor 22:138-139.

This brief note provides observations of three species new to the island: Short-tailed Shearwater, Common Merganser, and Hermit Thrush. REG

Gulf of Alaska - Southeastern (Forrester Is.)

Ducks

Common Merganser

Annotated list, distribution

364. WOHL, K.D. 1978. Survey of beached marine birds in Alaska, pp. 857-876. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 3. NOAA, Environ. Res. Lab., Boulder, Colo.

The results of 54 beached bird surveys at 15 sites in the Gulf of Alaska conducted in winter 1977-1978 are summarized and briefly discussed. CMH

Gulf of Alaska

Ducks

Oldsquaw, Harlequin Duck, Steller's Eider, White-winged Scoter, Black Scoter

Mortality, pollution, techniques

365. WOOLINGTON, D.W., P.F. SPRINGER, and D.R. YPARRAQUIRRE. 1979. Migration and wintering distribution of Aleutian Canada Geese, pp. 299-309. In R.L. Jarvis and J.C. Bartonek (eds.), Management and Biology of Pacific Flyway Geese: A Symposium. OSU Book Stores, Inc., Corvallis, Oregon.

The authors describe the migration patterns of the Aleutian Canada Goose in Alaska and California. They also discuss the effects of hunting closures on the population of this endangered subspecies. MRP

Aleutians - (Buldir Is.)

Geese

Canada Goose

Migration, status, distribution, management

366. YOCUM, C.F. 1965. Breeding record for Redhead in Alaska. Auk 82:103.

The author describes the capture of a downy young of this species near Ohtig Lake in August 1962. This represents the first "definitive" record of Redheads breeding in Alaska. REG

Interior - Upper Yukon (Ohtig L.)
Ducks
Redhead
Distribution

367. YOCUM, C.F. 1970. Weights of ten species of ducks captured at Ohtig Lake, Alaska - August 1962. Murrelet 51:21.

This note gives weights of 398 ducks, comprising 10 species, captured in August 1962 at Ohtig Lake. MRP

Interior - Upper Yukon (Ohtig L.)
Ducks
Pintail, Northern Shoveler, American Wigeon, Canvasbacks, Redhead,
Greater Scaup, Lesser Scaup, Barrow's Goldeneye, Bufflehead,
White-winged Scoter
Anatomy

WATERFOWL - AREA INDEX

- ALASKA, GENERAL: 3, 5, 18, 19, 20, 24, 25, 26, 29, 30, 31, 32, 33, 34, 37, 42, 54, 59, 60, 61, 68, 72, 73, 74, 75, 76, 77, 81, 84, 86, 103, 104, 106, 116, 120, 122, 123, 131, 132, 137, 144, 148, 150, 151, 162, 170, 171, 173, 174, 177, 181, 182, 188, 196, 200, 203, 210, 217, 223, 225, 236, 240, 242, 251, 256, 260, 261, 262, 263, 273, 282, 286, 293, 301, 317, 318, 319, 320, 321, 335, 341, 344, 345, 348, 350, 351
- ALEUTIANS: 4, 6, 41, 45, 98, 127, 147, 157, 164, 165, 232, 285, 305, 326, 365
- ARCTIC: 44, 58, 95, 142, 216, 245
- Beaufort: 1, 21, 22, 23, 35, 50, 52, 70, 78, 79, 80, 93, 110, 111, 139, 154, 155, 175, 179, 183, 189, 190, 191, 192, 212, 235, 237, 239, 246, 248, 292, 296, 297, 306, 316
- Chukchi: 10, 11, 13, 27, 56, 93, 94, 153, 231, 233, 234, 235, 237, 264, 306, 329, 332, 336, 343
- Kotzebue Sound: 13, 89, 108, 112, 113, 117, 213, 239, 241, 243, 252, 324
- BERING SEA: 2, 4, 27, 127, 129, 178, 185, 216, 245, 287
- Norton Sound: 9, 10, 12, 14, 15, 36, 57, 82, 83, 85, 92, 108, 109, 134, 141, 146, 238, 325
- Yukon Delta: 11, 38, 39, 40, 46, 57, 63, 64, 65, 66, 67, 69, 87, 88, 90, 96, 115, 119, 124, 126, 135, 138, 143, 149, 156, 161, 164, 176, 184, 186, 187, 202, 204, 208, 209, 213, 219, 220, 241, 244, 250, 255, 266, 267, 269, 278, 279, 280, 281, 283, 291, 302, 311, 314, 323, 330, 331, 334, 354, 355
- Bristol Bay: 53, 87, 107, 140, 158, 159, 160, 161, 163, 164, 213, 214, 215, 218, 268, 270, 271, 272, 279, 288, 338
- Bering Sea Islands: 17, 85, 91, 97, 100, 102, 105, 114, 146, 257, 298, 327, 337, 362
- GULF OF ALASKA: 4, 129, 178, 205, 216, 224, 245, 361, 364
- Kodiak: 7, 128, 166, 193, 207, 230, 258, 259, 346, 358, 359
- Cook Inlet: 125, 130, 166, 228, 237, 274, 279, 290, 294, 309, 310, 349, 357
- Copper River: 43, 49, 62, 89, 121, 125, 221, 226, 228, 244, 247, 250, 252, 265, 304, 307, 309, 310, 311, 312, 313, 315, 339, 340, 347, 357
- Prince William Sound: 99, 164, 194, 211, 295, 333
- Southeastern Alaska: 8, 16, 28, 49, 55, 71, 101, 121, 133, 166, 180, 195, 206, 253, 254, 275, 276, 277, 289, 312, 313, 322, 328, 342, 352, 353, 356, 357, 363
- INTERIOR ALASKA: 4, 178, 245
- Innoko: 89, 241, 243, 250, 303
- Tanana: 89, 118, 136, 166, 167, 168, 169, 229, 243, 244, 247, 249, 250, 284, 299, 300, 308, 311, 360

Koyukuk: 47, 48, 52, 89, 145, 241, 243
Upper Yukon: 46, 51, 89, 172, 197, 198, 199, 201, 247, 250, 252, 360,
366, 367

NORTH PACIFIC: 2

WATERFOWL - SPECIES INDEX

WATERFOWL, GENERAL: 3, 23, 24, 25, 26, 27, 44, 81, 94, 103, 111, 116,
136, 138, 181, 182, 196, 205, 217, 239, 243, 260, 264, 274, 293, 295,
301, 325, 327, 345, 348, 350

LOONS : 31, 76, 114, 139, 153, 198, 199, 221, 240, 245, 261, 272, 273, 343

Common Loon: 37, 104, 328, 337, 361

Yellow-billed Loon: 8, 58, 61, 71, 80, 109, 183, 292, 316, 332

Arctic Loon: 1, 14, 16, 17, 35, 85, 112, 132, 183, 201, 266, 267,
269, 291, 292, 332, 361

Red-throated Loon: 35, 112, 164, 183, 266, 292, 332, 361

GREBES: 7, 31, 76, 114, 199, 221, 261

Red-necked Grebe: 17, 130, 248

Horned Grebe: 315

HERONS: 34, 76, 261

Great Blue Heron: 290

Snowy Egret: 253

SWANS : 29, 33, 36, 53, 74, 77, 89, 91, 120, 139, 150, 173, 175, 187, 188,
216, 221, 240, 241, 242, 244, 245, 262, 273, 284, 311, 349

Whooper Swan: 165, 362

Whistling Swan: 54, 57, 93, 112, 177, 180, 189, 191, 204, 221, 226,
238, 279, 302, 317, 318, 319, 320, 321, 354

Trumpeter Swan: 20, 51, 54, 101, 122, 125, 170, 171, 174, 177, 180,
226, 279, 309, 310, 318, 319

GEESE : 2, 7, 29, 33, 36, 53, 74, 77, 89, 91, 95, 114, 115, 117, 119, 120,
139, 150, 153, 173, 175, 178, 187, 188, 199, 216, 221, 240, 241, 242,
244, 245, 250, 252, 254, 257, 262, 272, 273, 284, 303, 304, 308, 311,
312, 313, 322, 338, 343, 349, 357

Canada Goose: 4, 6, 41, 43, 45, 48, 49, 52, 54, 62, 69, 72, 79, 121,
128, 134, 148, 151, 157, 162, 163, 164, 179, 189, 191, 194, 208,
209, 218, 219, 220, 221, 222, 224, 228, 238, 246, 251, 255, 269,
275, 276, 277, 278, 279, 280, 281, 282, 283, 285, 287, 289, 307,
310, 323, 326, 330, 333, 335, 339, 340, 347, 352, 353, 365

Brant: 12, 46, 52, 54, 73, 79, 86, 88, 93, 106, 124, 126, 137, 140,
141, 144, 148, 158, 160, 161, 163, 179, 189, 191, 202, 206, 218,
219, 220, 227, 238, 251, 279, 280, 306, 314, 323, 330

Emperor Goose: 9, 54, 61, 83, 87, 96, 106, 107, 144, 156, 163, 164,
185, 209, 219, 220, 238, 279, 298, 305, 323

White-fronted Goose: 11, 52, 54, 57, 75, 79, 90, 93, 97, 148, 179,
189, 191, 203, 219, 220, 238, 279, 323, 331, 334, 341, 344

Bean Goose: 17, 102
 Snow Goose: 52, 54, 70, 79, 92, 93, 110, 148, 179, 189, 190, 191,
 192, 256, 279
 Ross' Goose: 148

DUCKS : 2, 7, 29, 32, 33, 36, 53, 55, 59, 60, 74, 77, 82, 89, 91, 114,
 115, 117, 119, 120, 123, 139, 142, 150, 153, 172, 173, 175, 176, 178,
 187, 188, 198, 199, 216, 221, 232, 236, 240, 241, 242, 244, 245, 247,
 250, 252, 254, 257, 262, 263, 272, 273, 284, 303, 304, 308, 311, 312,
 313, 322, 338, 343, 349, 357
 Mallard: 30, 134, 157, 167, 200, 221, 265, 300, 342
 Spotbill Duck: 346
 Gadwall: 30, 50
 Pintail: 10, 12, 13, 28, 30, 57, 78, 107, 113, 131, 145, 157, 163,
 167, 184, 200, 210, 211, 213, 238, 265, 299, 367
 Green-winged Teal: 5, 30, 61, 97, 98, 147, 157, 200, 225, 229, 265
 Baikal Teal: 15, 100, 212
 Blue-winged Teal: 30, 118, 166, 253
 Northern Shoveler: 30, 200, 367
 European Wigeon: 127, 166
 American Wigeon: 5, 30, 56, 200, 265, 367
 Canvasbacks: 5, 47, 118, 197, 200, 300, 367
 Redhead: 118, 360, 366, 367
 Ring-necked Duck: 118, 166, 195, 356
 Greater Scaup: 5, 210, 249, 367
 Lesser Scaup: 200, 201, 249, 299, 300, 367
 Common Goldeneye: 47, 135
 Barrow's Goldeneye: 367
 Bufflehead: 47, 135, 265, 300, 367
 Oldsquaw: 22, 93, 105, 107, 141, 154, 155, 193, 233, 234, 265, 294,
 328, 364
 Harlequin Duck: 359, 364
 Steller's Eider: 106, 107, 159, 215, 223, 235, 268, 270, 271, 329,
 364
 Common Eider: 21, 84, 93, 105, 106, 107, 108, 129, 133, 141, 162,
 207, 215, 223, 235, 237, 258, 259, 296, 297, 324, 329, 330, 336,
 351, 358, 359
 King Eider: 21, 93, 105, 106, 134, 223, 231, 235, 237, 256, 296, 324,
 329, 336, 351
 Spectacle Eider: 1, 42, 63, 64, 65, 66, 67, 68, 108, 149, 186, 219,
 220, 223, 235, 329
 White-winged Scoter: 106, 288, 294, 299, 364, 367
 Surf Scoter: 71, 106, 337
 Black Scoter: 12, 106, 107, 143, 193, 197, 214, 362, 364
 Ruddy Duck: 118
 Hooded Merganser: 230
 Common Merganser: 99, 363
 Red-breasted Merganser: 12, 210, 259, 265, 329

CRANE S: 34, 36, 76, 173, 187, 198, 199, 216, 221, 244, 250, 257, 303, 311
 Common Crane: 169
 Sandhill Crane: 18, 19, 38, 39, 42, 92, 146, 221, 238, 286, 355

RAILS: 34
Sora: 253

WATERFOWL - SUBJECT INDEX

ABUNDANCE: 3, 8, 20, 23, 26, 29, 30, 31, 32, 33, 34, 36, 51, 53, 55, 73,
76, 77, 78, 79, 86, 89, 91, 101, 107, 111, 116, 117, 118, 121, 128,
129, 138, 148, 150, 154, 155, 163, 171, 174, 175, 178, 179, 181, 183,
186, 188, 189, 190, 191, 192, 194, 198, 199, 205, 206, 207, 221, 239,
241, 242, 243, 244> 247, 249, 250, 252, 258, 261, 262, 263, 265, 270,
271, 279, 284, 306, 309, 311, 312, 322, 325, 341, 349, 354, 357, 358,
359, 361

AGE AND SEX COMPOSITION: 29, 116, 158, 160, 161, 163, 190, 198, 199, 308,
336, 343

ANATOMY: 4, 18, 19, 29, 37, 72, 74, 98, 128, 142, 150, 151, 155, 227,
235, 277, 278, 323, 326, 336, 367

ANNOTATED LIST: 71, 239, 258, 284, 295, 337, 363

ARCHAEOLOGY: 112

BEHAVIOR: 1, 8, 29, 31, 32, 33, 34, 65, 70, 76, 77, 87, 96, 105, 130,
143, 145, 149, 150, 163, 167, 180, 185, 186, 201, 214, 215, 231, 236,
237, 238, 261, 262, 263, 268, 302, 316, 328, 361

BIBLIOGRAPHY: 137, 223

BREEDING BIOLOGY: 20, 29, 31, 32, 33, 34, 35, 38, 39, 43, 63, 73, 76, 77,
86, 87, 90, 125, 148, 150, 180, 185, 186, 188, 205, 219, 220, 221,
235, 261, 262, 263, 266, 267, 269, 292, 296, 297, 309, 355

CHECKLIST: 91, 114, 199, 207, 221, 243, 303, 309, 359

DISEASE AND PARASITES: 29, 67, 83, 185, 229, 298, 299, 347, 351

DISTRIBUTION: 8, 10, 11, 12, 13, 14, 15, 17, 20, 22, 23, 26, 27, 29, 30,
31, 32, 33, 34, 36, 37, 39, 46, 47, 48, 50, 51, 56, 68, 71, 72, 73,
74, 76, 77, 82, 86, 89, 91, 97, 100, 101, 102, 112, 116, 118, 121,
123, 127, 128, 129, 131, 132, 133, 135, 136, 138, 147, 148, 150, 165,
166, 169, 174, 181, 183, 185, 186, 188, 189, 190, 191, 192, 195, 198,
199, 200, 203, 204, 205, 206, 210, 212, 213, 214, 216, 221, 224, 225,
226, 230, 239, 243, 246, 247, 248, 249, 251, 252, 253, 255, 261, 262,
263, 271, 275, 279, 284, 286, 288, 290, 303, 309, 315, 319, 320, 323,
325, 333, 335, 337, 341, 344, 346, 353, 354, 356, 360, 362, 363, 364,
366

DI STURBANCE: 44, 70, 79, 154

FISHING, EFFECTS OF: 26

FOOD: 2, 8, 20, 26, 29, 31, 32, 33, 34, 35, 39, 59, 60, 61, 63, 73, 76, 77, 78, 86, 99, 107, 113, 129, 139, 148, 150, 154, 155, 163, 184, 185, 186, 188, 193, 205, 207, 209, 218, 221, 227, 235, 243, 247, 254, 261, 262, 263, 268, 270, 271, 282, 292, 294, 328, 361, 362

GROWTH: 18

HABITAT: 3, 20, 26, 29, 30, 31, 32, 33, 34, 43, 62, 66, 73, 76, 77, 78, 79, 86, 106, 107, 116, 129, 131, 138, 139, 150, 154, 155, 157, 158, 163, 164, 174, 181, 184, 185, 188, 194, 221, 239, 242, 246, 250, 252, 261, 262, 263, 272, 274, 295, 309, 310, 312, 313, 324, 353, 357, 358

MANAGEMENT: 3, 6, 20, 24, 25, 26, 29, 30, 39, 44, 45, 49, 73, 81, 86, 87, 103, 115, 121, 122, 123, 124, 139, 148, 150, 153, 161, 170, 172, 173, 182, 188, 196, 199, 206, 221, 225, 251, 254, 255, 301, 308, 309, 312, 313, 319, 322, 325, 340, 341, 349, 353, 357, 365

MIGRATION: 5, 28, 29, 31, 32, 33, 34, 39, 46, 56, 57, 58, 63, 68, 73, 76, 77, 78, 79, 80, 86, 91, 92, 93, 94, 106, 110, 121, 124, 125, 131, 134, 140, 141, 146, 148, 150, 153, 154, 156, 158, 159, 161, 168, 176, 179, 181, 188, 190, 191, 192, 200, 203, 208, 209, 211, 213, 221, 225, 234, 235, 238, 239, 240, 241, 242, 243, 244, 245, 251, 255, 261, 262, 263, 272, 275, 293, 296, 317, 319, 320, 321, 336, 341, 343, 360, 364

MORTALITY: 7, 21, 26, 29, 116, 119, 124, 148, 150, 201, 239, 244, 247, 250, 252, 255, 303, 308, 311, 338, 341, 364

PHYSIOLOGY: 18, 19, 84, 144, 145, 148, 155, 227, 233, 234, 271, 277, 280, 281, 282, 283, 291

PLUMAGE: 29, 31, 32, 33, 34, 64, 73, 76, 77, 79, 85, 86, 107, 108, 139, 142, 148, 150, 154, 155, 159, 161, 164, 167, 179, 185, 188, 226, 239, 241, 242, 243, 244, 247, 261, 262, 263, 270, 272, 300, 303, 329, 332, 336

POLLUTION: 7, 22, 26, 36, 44, 106, 114, 181, 182, 216, 217, 325, 338, 345, 364

POPULATION DYNAMICS: 20, 26, 29, 49, 81, 121, 148, 161, 186, 204, 205, 225, 261, 262, 263, 276, 341

PREDATION: 26, 86, 162, 194, 221, 232, 239, 241, 242, 243, 244, 247, 250, 252, 260, 269, 272, 284, 296, 327, 330, 331, 342

PUBLIC INTEREST: 7, 86, 115, 120, 188, 285, 314, 350

REHABILITATION: 180

REPRODUCTION: 3, 36, 54, 65, 66, 69, 88, 107, 116, 117, 121, 123, 129,
138, 148, 161, 194, 198, 199, 202, 207, 221, 243, 244, 247, 249, 250,
252, 258, 259, 261, 272, 280, 284, 303, 304, 306, 311, 312, 313, 325,
353, 357, 358, 359

RESEARCH: 2, 24, 25, 26, 27, 44, 45, 79, 81, 84, 87, 139, 148, 162, 170,
205, 217, 225, 235, 254, 275, 293, 309, 338, 352

SPECIMEN RECORD: 9, 10, 12, 14, 15, 16, 17, 37, 42, 97, 100, 102, 108,
109, 235, 253, 256, 288, 305, 329, 334, 335, 344, 346

STATUS: 6, 26, 27, 29, 31, 32, 33, 34, 43, 49, 51, 73, 76, 77, 79, 89,
91, 122, 127, 132, 148, 149, 157, 171, 178, 186, 188, 206, 221, 246,
254, 255, 261, 262, 263, 285, 307, 308, 341, 360, 364

SUBSISTENCE USE: 21, 31, 33, 34, 88, 91, 103, 112, 115, 134, 153, 161,
173, 176, 187, 209, 235, 239, 243, 257, 264, 303, 336, 337, 343, 350

TAXONOMY: 4, 11, 13, 26, 29, 37, 42, 48, 72, 73, 74, 75, 76, 77, 85, 98,
104, 108, 109, 142, 148, 150, 151, 228, 236, 287, 305, 316, 333, 334,
335, 344, 348

TECHNIQUES: 23, 52, 53, 55, 66, 92, 111, 116, 126, 159, 172, 175, 176,
177, 197, 198, 202, 245, 250, 265, 276, 277, 289, 300, 303, 304, 307,
308, 317, 318, 320, 321, 322, 339, 345, 361, 364

ZOOGEOGRAPHY: 26, 91, 273, 348



SHOREBIRDS - BIBLIOGRAPHY

1. ABBOTT, G.A. 1914. Red-backed Sandpiper eggs. *Oologist* 31:88-89.

This paper "mentions a set of eggs taken at Point Barrow in 1898." (From Gabrielson and Lincoln, *Birds of Alaska*, 1959. Original not seen.) CMH

Arctic - Chukchi (Barrow)
Sandpipers
Dunlin
Specimen record

2. ABBOTT, G.A. 1915. Interesting sets in my shorebird collection. *Oologist* 32:149-152.

Not reviewed.

Alaska
Shorebirds
Specimen record

3. AINLEY, D.G., and G.A. SANGER. 1979. Trophic relations of seabirds in the northeastern Pacific Ocean and Bering Sea. U.S. Fish and Wildl. Serv., Wildl. Res. Rep. 11:95-122.

This paper reviews the literature on the diets of seabirds found in the northeastern North Pacific Ocean and Bering Sea, and broadly characterizes the diet of each species. More research on seabird feeding relations is suggested so the ecological roles of marine birds can be defined and placed in perspective. MRP

North Pacific
Bering Sea
Phalaropes
Food, research

4. ALLEN, A. A., and H. KYLLINGSTAD. 1949. The eggs and young of the Bristle-thighed Curlew. *Auk* 66:343-350.

The first nest and eggs of this species known to science are described. REG

Bering Sea - Yukon Delta (Mountain Village)
Sandpipers
Bristle-thighed Curlew
Reproduction, habitat, distribution

5. ANONYMOUS. 1964. Curlew Sandpipers breeding in Alaska. 001. *Rec.* 38:58-59.

Not reviewed.

Sandpipers
Curlew Sandpiper
Distribution

6. ASHKENAZIE, S., and U.N. SAFRIEL. 1979. Breeding cycle and behavior of the Semipalmated Sandpiper at Barrow, Alaska. *Auk* 96:56-67.

This paper presents extensive and detailed descriptions of the reproductive cycle of Semipalmated Sandpipers in Arctic Alaska. REG

Arctic - Chukchi (Barrow)
Sandpipers
Semipalmated Sandpiper
Breeding biology, behavior

7. ASHKENAZIE, S., and U.N. SAFRIEL. 1979. Time-energy budget of the Semipalmated Sandpiper Calidris pusilla at Barrow, Alaska. *Ecology* 60:783-799.

This comprehensive paper presents a time-energy budget of breeding Calidris pusilla at Barrow, Alaska. A time-activity budget was constructed from observations of marked birds and then converted to an estimate of energy requirements. The adaptive significance of the species' activity pattern is discussed. CMH

Arctic - Chukchi (Barrow)
Sandpipers
Semipalmated Sandpiper
Behavior, physiology, food, reproduction

8. BAILEY, A.M. 1924. Four species new to North America. Condor 26:195.

Specimen records of two Rufous-necked Sandpipers and a Great Knot are presented. REG

Arctic - **Chukchi** (Wainwright)
Bering Sea - Norton Sound (Wales)
Sandpipers
Rufous-necked Sandpiper, Great Knot
Specimen record, distribution

9. BAILEY, A.M. 1930. The Dotterel and other birds from Cape Prince of Wales, Alaska. Condor 32:161.

Within this note are specimen records of two species of shorebirds, one duck, and one loon collected in June 1929. REG

Bering Sea - Norton Sound (Cape Prince of Wales)
Plovers
American Golden Plover, **Dotterel**
Specimen record, distribution

10. BAILEY, A.M. 1932. Additional records from Cape Prince of Wales, Alaska. Condor 34:47.

Specimens of Arctic Loon (*Gavia arctica viridigularis*), **Dotterel**, and Red-throated Pipit are reported. REG

Bering Sea - Norton Sound (Cape Prince of Wales)
Plovers
Dotterel
Distribution, specimen record

11. BAILEY, A.M. 1933. The Hudsonian Curlew at Wales, Alaska. Condor 35:72.

This note documents the first specimen of Hudsonian Curlew (= **Whimbrel**) from the Wales area. REG

Bering Sea - Norton Sound (Cape Prince of Wales)
Sandpipers
Whimbrel
Distribution, specimen record

12. BAILEY, A.M. 1939. A curlew new to North America. Auk 56: 333-334.

This note records the first specimen of the Siberian race of the **Whimbrel** collected in North America. CMH

Arctic - **Chukchi** (Barrow)
Sandpipers
Whimbrel
Distribution, specimen record

13. BAILEY, A.M., and L.B. BISHOP. 1934. Additional records for the Barrow region, Arctic Alaska. Condor 36:169.

This short note reports specimens of six species not previously recorded from the Barrow region, including the Ring-billed Gull, Parakeet Auklet, and Hudsonian Godwit. REG

Arctic - Beaufort (Colville R., Cape Halkett), **Chukchi** (Barrow)
Sandpipers
Hudsonian Godwit
Distribution, specimen record

14. BAIRD, P.A., and R.A. MOE. 1978. The breeding biology and feeding ecology of marine birds in the **Sitkalidak** Strait area, Kodiak Island, 1977, pp. 313-524. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 3. NOAA, Environ. Res. Lab., Boulder, Colo.

Detailed information on the abundance, habitat use, and reproductive and feeding ecology is presented for Glaucous-winged Gulls, Black-legged Kittiwakes, Arctic and Aleutian Terns, and Tufted Puffins. Sightings of eight species of shorebirds and two other species of seabirds are summarized. CMH

Gulf of Alaska - Kodiak (**Sitkalidak** Strait)
Oystercatchers, plovers, sandpipers, **phalaropes**
Black Oystercatcher, American Golden Plover, Lesser **Yellowlegs**,
Wandering Tattler, Black Turnstone, Western Sandpiper, **Dun-**
lin, Northern **Phalarope**
Abundance

15. BARTELS, R.F. 1973. Bird survey techniques on Alaska's north coast. M.S. thesis. Iowa State Univ., Ames. 47 pp.

This paper evaluates aerial survey techniques for estimating bird populations, and reports on the distribution of postbreeding waterfowl in Alaska Arctic coastal waters. MRP

Arctic
Shorebirds
Techniques

16. BARTONEK, J.C. 1968. A Survey of Migratory Bird Problems in Alaska for the Purpose of Identifying Research Needs. Unpublished progress report. U.S. Fish and Wildlife Service, Northern Prairie Wildlife Research Center, Jamestown, N.D. 36 pp.

This paper identifies and discusses potential problems arising from resource development and hunting, describes responsibilities of various management agencies, and suggests specific research projects which should be conducted in the state. CMH

Alaska
Shorebirds
Management, research

17. BARTONEK, J.C., J.G. KING, and H.K. NELSON. 1971. Problems confronting migratory birds in Alaska. Trans. N. Am. Wildl. Conf. 36:343-361.

This paper provides a general review of the principal habitats of breeding waterfowl, shorebirds, and seabirds; identifies the state and federal agencies managing these habitats; and discusses the types of resource development which may adversely affect birds. Recommendations for research and for protection of avian habitats are made. MRP

Alaska
Shorebirds
Management, research

18. BARTONEK, J. C., and D.N. NETTLESHIP (eds.). 1979. Conservation of Marine Birds of North America. U. S. Fish and Wildl. Serv. , Wildl. Res. Rep. 11. 319 pp.

This research report contains papers presented during the International Symposium on the Conservation of Marine Birds of Northern North America, May 13 to 15, 1975. Topics include: marine environment of birds; status of marine bird populations; the biology and ecology of marine birds in the north; conflicts between the conservation of marine birds and uses of other resources; programs and authorities related to marine bird conservation; and conservation of marine birds in other lands. MRP

Alaska

Shorebirds

Abundance, distribution, fishing, food, habitat, management, mortality, pollution, population dynamics, predation, research, status, taxonomy, zoogeography

19. BEAN, T.H. 1881. Our unique Spoon-billed Sandpiper, Eurino-rhynchus pygmaeus (Linn.). Chicago Field 16:225. (April 21, 1881.)

This gives a "brief general history of the species, with record of its capture at Plover Bay, Eastern Siberia, and Point Barrow, Alaska." (Bull. Nutt. Orn. Club, 1882, p. 116)." (From T.J. Cade, 1953, A Synoptic Bibliography of Alaskan Ornithology, Univ. Calif. Dept. Zool., Los Angeles. Original not seen.) CMH

Arctic - Chukchi (Barrow)

Sandpipers

Spoon-bill Sandpiper

Specimen record, distribution, breeding biology

20. BENT, A.C. 1927. Life Histories of North American Shore Birds (Part 1). U. S. Natl. Mus. Bull. 142. 359 pp.

This is one part in the classic series on the life histories of North American birds. Species accounts include detailed observations of various aspects of each species' life history. MRP

Alaska

Sandpipers, phalaropes

Abundance, behavior, breeding biology, distribution, food, habitat, migration, plumage, status

21. BENT, A.C. 1929. Life Histories of North American Shore Birds (Part 2). U.S. Natl. Mus. Bull. 146. 340 pp.

This is one part in the classic series on the life histories of North American birds. Species accounts include detailed observations of various aspects of each species' life history. MRP

Alaska

Oystercatchers, plovers, sandpipers

Abundance, behavior, breeding biology, distribution, food, habitat, migration, plumage, status

22. BERRY, A.L. 1946. Golden Plover at sea. Condor 48:45.

This note documents the sighting of an American Golden Plover over the North Pacific Ocean in May 1941. CMH

North Pacific

Aleutians - (Unalaska Is.)

Plovers

American Golden Plover

Distribution

23. BIDERMAN, J.O., W.H. DRURY, F.B. FRENCH, JR., and S. HINCKLEY. 1978. Ecological studies in the northern Bering Sea: Birds of coastal habitats on the south shore of Seward Peninsula, Alaska, pp. 510-613. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 2. NOAA, Environ. Res. Lab., Boulder, Colo.

Mention is made of concentrations of two species of shorebirds near Safety Lagoon in late August 1977. CMH

Bering Sea - Norton Sound

Sandpipers

Whimbrel, Long-billed Dowitcher

Abundance

24. BISHOP, L.B. 1906. The European Turnstone in Massachusetts. Auk 23:335.

Mention is made of an adult and two juvenile Ruddy Turnstones collected at Nome. REG

Bering Sea - Norton Sound (Nome)

Sandpipers

Ruddy Turnstone

Specimen record

25. BISHOP, L.B. 1938. Correct names for the Red-backed Sandpiper and Northern Long-billed Curlew. Condor 40:225-226.

This short note argues for the recognition of two races of the Dunlin, Calidris alpina pacifica and C. a. sakhalina, on the basis of measurements. CMH

Alaska
Sandpipers
Dunlin
Taxonomy, plumage

26. BRODKORB, P. 1933. Remarks on the genus Limnodromus, Wied. Proc. Biol. Sot. Wash. 46:123-128.

The author proposes the name L. griseus fasciatus (now considered an example of the Long-billed Dowitcher, L. scolopaceus) for the form of dowitcher breeding in Alaska. The type specimen was collected by H. B. Conover from Hooper Bay, and several other specimens were examined. REG

Bering Sea - Norton Sound (Nome), Yukon Delta (Hooper Bay, Kashunuk R.), Bristol Bay (Izembek Bay)
Sandpipers
Short-billed Dowitcher, Long-billed Dowitcher
Taxonomy, specimen record

27. BROOKS, J.W., J.C. BARTONEK, D.R. KLEIN, D.L. SPENCER, and A.S. THAYER. 1971. Environmental Influences of Oil and Gas Development in the Arctic Slope and Beaufort Sea. U.S. Fish and Wildl. Serv. Resour. Publ. 96. 24 pp.

This paper describes in general the physical and demographic characteristics, fish and wildlife resources, and anticipated developments of the region, and outlines conflicts which are likely to arise. Recommendations to mitigate environmental disturbance are presented. CMH

Arctic
Shorebirds
Management, disturbance, pollution, research

28. BROWN, R.G.B. 1961. The aggressive and distraction behaviour of the Western Sandpiper, Ereunetes mauri. Ibis 104:1-12.

The breeding biology and behavior of Western Sandpipers are described from observations near Hooper Bay in 1960. The function of distraction displays is discussed in relation to human and other predators. REG

Bering Sea - Yukon Delta
Sandpipers
Western Sandpiper
Behavior, breeding biology

29. BROWNING, M.R. 1977. Geographic variation in Dunlins, Calidris alpina, of North America. Can. Field-Nat. 91:391-393.

This paper evaluates the geographic variation in Dunlin to determine which races should be recognized. A race in northern Alaska, a race in western Alaska, and a race in northeastern Canada are proposed. MRP

Alaska
Sandpipers
Dunlin
Taxonomy, distribution

30. CAMPBELL, J.M. 1967. The Upland Plover in Arctic Alaska. Murrelet 48:28-33.

The author summarizes the early and more recent records of the Upland Plover (= Upland Sandpiper) north of the Arctic Circle, reviewing its status and distribution in the region. CMH

Arctic - Kotzebue Sound (Kobuk R.)
Interior - Upper Yukon, Koyukuk
Sandpipers
Upland Sandpiper
Distribution, status

31. CAMPBELL, R.M., and P.T. GREGORY. 1976. The Buff-breasted Sandpiper in British Columbia, with notes on its migration in North America. *Syesis* 9:123-130.

Records of Buff-breasted Sandpipers in British Columbia are summarized, and the range and migration of the species are outlined. Included are comments on the sandpiper's Alaska Arctic breeding range. Plumage and sexual dimorphism are discussed.
NMH

Arctic - Beaufort
Sandpipers
Buff-breasted Sandpiper
Distribution, migration, plumage, anatomy

32. CHAPPELL, M.A. 1980. Thermal energetic of chicks of Arctic-breeding shorebirds. *Comp. Biochem. Physiol. A Comp. Physiol.* 65(3) :311-317.

This paper reports on the heat-transfer characteristics of young and adult shorebirds. The author discusses heat transfer coefficients and body resistance to heat flow, energy budgets of adults and chicks in relation to body temperature of chicks, and the brooding-activity cycle. MRP

Arctic - Chukchi (Barrow)
Sandpipers, phalaropes
Semipalmated Sandpiper, Baird's Sandpiper, pectoral Sandpiper,
Red Phalarope
Physiology, behavior

33. COLE, L.J. 1943. Behavior of Northern Phalarope with young. *Condor* 45:39.

The behavior of an adult responding to its captured downy chick is described. REG

Bering Sea - Pribilof Islands (St. Paul Is.)
Phalaropes
Northern Phalarope
Behavior

34. CONNORS, P.G., K. HIRSCH, and C. HOHENBERGER. 1978. Effects of coastal oil development on shorebirds in arctic Alaska. Pac. Seabird Group Bull. 5(2):85. (Abstract)

This reports the effects on shorebirds from habitat alterations near Prudhoe Bay. The effects of loss of habitat due to construction, dust shadows, noise and disturbance, and artificial gravel piers are discussed. MRP

Arctic - Beaufort (Prudhoe Bay)
Shorebirds
Habitat, management, pollution, disturbance

35. CONNORS, P.G., J.P. MYERS, and F.A. PITELKA. 1979. Seasonal habitat use by Arctic Alaskan shorebirds. Stud. Avian Biol. 2:101-111.

This paper describes seasonal habitat use by shorebirds on the Arctic coastal plains. The susceptibility of shorebird species to disturbances related to outer continental shelf oil development is discussed. REG

Arctic - Chukchi (Barrow)
Shorebirds
Habitat, disturbance, pollution

36. CONNORS, P., and R. RISEBROUGH. 1976. Shorebird dependence on Arctic littoral habitats, pp. 401-456. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports from Principal Investigators, Vol. 2. NOAA, Environ. Res. Lab., Boulder, Colo.

This preliminary report provides annotated accounts for the 19 species of shorebirds using littoral habitats near Barrow, and for 11 other species of water birds commonly occurring there. Results of censuses taken regularly from July to September 1975 are graphically presented for most species. Qualitative food habits information is provided for 11 species. CMH

Arctic - Chukchi (Barrow, Wainwright), Beaufort
Shorebirds
Habitat, abundance, food

37. CONNORS, P., and R.W. RISEBROUGH. 1977. Shorebird dependence on Arctic littoral habitats, pp. 402-524. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 2. NOAA, Environ. Res. Lab., Boulder, Colo.

Included in this annual report are annotated accounts for the 19 species of shorebirds and 11 species of other birds commonly using littoral habitats of the Barrow region. Census data are reported for the most common species. Habitat use and foraging ecology are discussed in detail for shorebirds. CMH

Arctic - Chukchi (Barrow, Icy Cape), Beaufort (Elson Lagoon)
Shorebirds
Habitat, abundance, distribution, pollution, food

38. CONNORS, P., and R. RISEBROUGH. 1978. Shorebird dependence on Arctic littoral habitats, pp. 84-166. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 2. NOAA, Environ. Res. Lab., Boulder, Colo.

This report summarizes results of studies in summer 1977 on shorebird seasonal habitat use and trophic relationships in northwestern Alaska. Seasonal densities are also presented for a few other species. Susceptibility of shorebirds to impacts of oil development is addressed. Checklists present the status of bird species observed at Cape Krusenstern and at Wales in 1977. CMH

Arctic - Beaufort, Chukchi, Kotzebue Sound
Bering Sea - Norton Sound
Shorebirds
Abundance, habitat, migration, physiology, food, pollution,
disturbance, checklist

39. CONNORS, P.G., and R.W. RISEBROUGH. 1979. Shorebird dependence on Arctic littoral habitats, pp. 271-329. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 1. NOAA, Environ. Res. Lab., Boulder, Colo.

This report summarizes information gathered at Prudhoe Bay and several sites in Kotzebue Sound and along the Chukchi Sea coast in summer 1978. Data are presented on seasonal habitat use of the littoral zone by shorebirds, on use of disturbed habitat by shorebirds and passerine, and on food habits of shorebirds. A checklist indicates the status of the 113 species of birds recorded at Cape Krusenstern in 1977 and 1978. Expansion of Aleutian Tern colonies is mentioned. CMH

Arctic - Beaufort, Chukchi, Kotzebue Sound
Shorebirds
Abundance, habitat, disturbance, food, checklist, pollution

40. CONOVER, H.B. 1941. A study of the dowitchers. Auk 58:376-380.

Following a comprehensive examination of specimens, the author discusses the distribution and identification of two species of dowitchers. CMH

Alaska
Sandpipers
Short-billed Dowitcher, Long-billed Dowitcher
Taxonomy, distribution, plumage

41. CONOVER, B. 1943. The races of the Knot (Calidris canutus). Condor 45:226-228.

The author suggests two races of Knot (= Red Knot) be recognized: Calidris canutus canutus, and C. c. rufus, with Alaska birds representing the former. REG

Alaska
Sandpipers
Red Knot
Taxonomy, distribution

42. CONOVER, H.B. 1944. The north Pacific allies of the Purple Sandpiper. Field Mus. Nat. Hist. Zool. Ser. 29:169-179.

This paper discusses differences in the distribution, plumage, and meristics of the four races of Rock Sandpiper breeding in the Bering Sea region. REG

Bering Sea
Sandpipers
Rock Sandpiper
Taxonomy, distribution, anatomy, plumage

43. CONOVER, B. 1944. The races of the Solitary Sandpiper. Auk 61:537-544.

From a study of a collection of specimens, the author discusses the differences in distribution and plumage of two races of the Solitary Sandpiper. CMH

Alaska
Sandpipers
Solitary Sandpiper
Distribution, plumage

44. CONOVER, B. 1945. The breeding Golden Plover of Alaska. Auk 62:568-574.

This paper discusses in detail the differences in distribution and plumage of two races of the American Golden Plover. CMH

Alaska
Plovers
American Golden Plover
Distribution, plumage

45. CONOVER, B. 1945. Notes on some American shorebirds. Condor 47:211-214.

The author discusses the validity of a number of races of North American shorebirds. Only those accounts for Ruddy Turnstone and Dunlin are pertinent to Alaska. REG

Alaska
Sandpipers
Ruddy Turnstone, Dunlin
Taxonomy, distribution

46. COUES, E. 1874. New species of North American birds. Am. Nat. 8:500.
- This note describes a new species (= subspecies) of shorebird, collected on the Pribilof Islands. MRP
- Bering Sea - Pribilof Is.
Sandpipers
Rock Sandpiper
Specimen record, taxonomy
47. DALL, W.H. 1873. Addition to the avi-fauna of America. Am. Nat. 7:634-635.
- This note reports the collection of an adult and a partial set of eggs of Tringa crassirostris (= Calidris tenuirostris) from the Aleutian Islands. This record was subsequently invalidated by Bianchi (Yezhegodnik Zoologicheskogo muzeya Akademii Nauk 14: 48-76, 1909). MRP
- Aleutians
Sandpipers
Specimen record
48. DAY, R.H. 1980. The occurrence and characteristics of plastic pollution in Alaska's marine birds. M.S. thesis. Univ. Alaska, Fairbanks. 111 pp.
- This reports on major aspects of the occurrence and variation of plastic particles found in the stomachs of 1,968 individuals comprising 37 species of marine birds. MRP
- Alaska
Phalaropes
Pollution, food
49. DAY, R.H., E.P. KNUDTSON, D.W. WOOLINGTON, and R.P. SCHULMEISTER. Caprimulgus indicus, Eurynorhynchus pygmeus, Otus scops, and ^{1, 7,}Limicola falcinellus in the Aleutian Islands, Alaska. Auk 96:189-190.
- This note presents specimen data for several species of shorebirds, an owl, and a nightjar new to the Aleutian Islands. MRP
- Aleutians - (Buldir Is., Adak Is.)
Plovers, sandpipers
Mongolian Plover, Ruddy Turnstone, Sanderling, Spoon-bill
Sandpiper, Broad-billed Sandpiper, Ruff
Distribution, specimen record

50. DELONG, R.L. 1968. Bar-tailed Godwit from Alaska recovered in New Zealand. *Wilson Bull.* 80:490-491.

An adult banded on St. George Island on May 31, 1966 was found dead in New Zealand on October 28, 1967. REG

Bering Sea - Pribilof Is. (St. George Is.)
Sandpipers
Bar-tailed Godwit
Distribution, migration

51. DEMENT'EV, G.P., and N.A. GLADKOV (eds.). 1951. Birds of the Soviet Union, Vol. 3. [Transl. from Russian.] *Israel Prog. Sci. Transl.*, Jerusalem. 756 pp.

This volume contains detailed natural history accounts of all Charadriiform species of the Soviet Union. Reference is made to Alaska for many species. REG

Alaska
Shorebirds
Abundance, distribution, behavior, breeding biology, food, habitat, migration, status, taxonomy, plumage

52. DENSLEY, M. 1979. Ross's Gulls in Alaska. *Br. Birds* 72:23-28.

This paper provides a description of the plumage of adult and immature Ross' Gulls at Barrow in autumn 1975, and describes their flight, feeding behavior, and molt. Feeding associations with Red Phalaropes and Sabine's Gulls are mentioned. CMH

Arctic - Chukchi (Barrow)
Phalaropes
Red Phalarope
Food

53. DIXON, J. 1917. Children of the midnight sun. *Bird-Lore* 19:185-192.

The author provides a popular, though useful, account of the nesting and young of the Semipalmated Sandpiper. REG

Arctic - Beaufort
Sandpipers
Semipalmated Sandpiper
Breeding biology, behavior

54. DIXON, J. 1917. The home life of the Baird Sandpiper. Condor 19:77-84.

This is a rather thorough account for this era of the nesting habits of this species. Several interesting photographs are included. REG

Arctic - Beaufort (Demarcation Point)
Sandpipers
Baird's Sandpiper
Breeding biology

55. DIXON, J. 1918. The nesting grounds and nesting habits of the Spoon-billed Sandpiper. Auk 35:387-404.

The author summarizes all specimen records of birds attributed to North America and presents a detailed account of the species' breeding distribution, nesting habits, plumage, and behavior, based on observations of a population of Siberian birds. REG

Arctic - Chukchi
Sandpipers
Spoon-billed Sandpiper
Behavior, breeding biology, distribution, habitat, plumage,
specimen record, taxonomy

56. DIXON, J. 1927. The Surf-bird's secret. Condor 29:3-16.

A Surfbird nest was located in Mt. McKinley Park. Aspects of the breeding biology, food, habitat, and molt of this species are discussed. NMH

Interior - Tanana (Mt. McKinley National Park)
Sandpipers
Surfbird
Breeding biology, plumage, food

57. DIXON, J.S. 1933. Nesting of the Wandering Tattler. Condor 35:173-179.

This paper gives details on the breeding distribution, nesting habitat, and breeding behavior of this species. Observations of behavior are based on two nesting pairs and are supplemented by several good photographs. REG

Interior - Tanana (Savage R.)
Sandpipers
Wandering Tattler
Breeding biology, distribution, behavior

58. DODSON, S. I., and D. L. EGGER. 1980. Selective feeding of Red Phalaropes on zooplankton of Arctic ponds. *Ecology* 61:755-763.

The authors determined food preferences and feeding rate coefficients for a small sample of phalaropes eating zooplankton in a controlled environment. Predation preferences and intensity were calculated from the rate of disappearance of zooplankton from the holding cages. REG

Arctic - Chukchi (Barrow)
Phalaropes
Red Phalarope
Food

59. DRURY, W. H. 1979. Population dynamics of northern marine birds. U. S. Fish and Wildl. Serv., Wildl. Res. Rep. 11:123-139.

This paper discusses human activities and natural processes that have caused changes in numbers and distribution of marine birds, and presents a short discussion of theoretical models. Several goals for improving our understanding of the population dynamics and biology of marine birds are identified. MRP

Alaska
Shorebirds
Population dynamics, research, management

60. DWIGHT, J., JR. 1900. The moult of the North American shore birds (Limicolae). *Auk* 17:368-385.

The author describes the various molt patterns of shorebirds using four species as examples: Sanderling, Spotted Sandpiper, Dunlin, and Black-bellied Plover. The description of molt for Dunlin is based in part on specimens from Barrow, Alaska. REG

Alaska
Arctic - Chukchi (Barrow)
Plovers, sandpipers
Black-bellied Plover, Spotted Sandpiper, Sanderling, Dunlin
Plumage

61. EDGAR, A. T., H. R. MCKENZIE, and R. B. SIBSON. 1969. Arctic waders in northern New Zealand. *Notornis* 16:285-287.

Not reviewed.

Arctic
Shorebirds

62. EDWARDS, J. S., and P.C. BANKO. 1976. Arthropod fallout and nutrient transport: A quantitative study of Alaskan snow patches. *Arct. Alp. Res.* 8:237-245.

This paper describes arthropod fallout on snow patches. Eight species of birds which breed in the area used the insect fallout as a source of food. MRP

Interior - Upper Yukon (Eagle Summit)
Plovers
American Golden Plover
Food

63. ELEY, T. J., JR. 1976. Extension of the breeding range of the Black Oystercatcher in Alaska. *Condor* 78:115.

This note reports breeding Black Oystercatchers on Round Island, Bristol Bay. This observation extends the breeding range of this species to north of the Alaska Peninsula. MRP

Bering Sea - Bristol Bay (Round Is.)
Oystercatchers
Black Oystercatcher
Distribution

64. FLOCK, W.L. 1973. Radar observations of bird movements along the Arctic Coast of Alaska. *Wilson Bull.* 85:259-275.

Bird movements along the Arctic Coast were studied through the use of six DEW radars. King and Common Eiders are treated in detail, but other water-related birds are discussed. Some visual observations are included. CMH

Arctic - Beaufort (Lonely, Oliktok, Barter Is.), Chukchi (Point Lay, Wainwright, Barrow)
Plovers, sandpipers
American Golden Plover, Ruddy Turnstone, Semipalmated Sandpiper,
Dunlin
Migration

65. FORD, E.R. 1934. Rufous-necked Sandpiper nesting in Alaska. Auk 51:232.

This note records the first collection of eggs of this species in North America. CMH

Bering Sea - Norton Sound (Cape Prince of Wales)
Sandpipers
Rufous-necked Sandpiper
Distribution, specimen record

66. FRIEDMANN, H. 1932. Additions to the avifauna of St. Lawrence Island, Bering Sea. Condor 34:257.

Reported are two specimens of Dotterel and one of a Whiskered Auklet collected in spring 1931. They constitute the first specimens of these species from St. Lawrence Island. REG

Bering Sea - St. Lawrence Is.
Plovers
Dotterel
Distribution, specimen record

67. FRIEDMANN, H. 1933. Notes on some birds of Goodnews Bay, Alaska. Condor 35:239-240.

This note provides information on specimens collected at Goodnews Bay by D.B. Bull in 1933. MRP

Bering Sea - Yukon Delta (Goodness Bay)
Sandpipers
Pectoral Sandpiper
Specimen record, distribution, annotated list

68. FRIEDMANN, H. 1933. The Polynesian Tattler on St. Lawrence Island. Condor 35:78.

Information on the second North American specimen is presented. REG

Bering Sea - St. Lawrence Is.
Sandpipers
Polynesian Tattler
Specimen record, distribution

69. FRIEDMANN, H. 1934. The Mongolian Plover and other birds at Goodnews Bay, Alaska. Condor 36:89.

This note records the collection of a Mongolian Plover, a Surf-bird, and a Kittlitz's Murrelet at Goodnews Bay in 1933. CMH

Bering Sea - Yukon Delta (Goodnews Bay)
Plovers, sandpipers
Mongolian Plover, Surf-bird
Distribution, specimen record

70. FRIEDMANN, H. 1934. The Ruff on St. Lawrence Island. Condor 36:42.

This note describes the first occurrence of this species on St. Lawrence Island and summarizes records of its occurrence along the Pacific Coast. REG

Bering Sea - St. Lawrence Is.
Sandpipers
Ruff
Distribution, specimen record

71. FRIEDMANN, H. 1936. Notes on Alaskan Birds. Condor 38:173.

This note updates Friedmann's 1935 "Avifauna of Kodiak Island" with details of a Whimbrel collected on Afognak Island in 1916. A second part of the note details the collection of an adult male Mongolian Plover and egg set from Goodnews Bay in 1933, the first nesting record for this species in North America. The note concludes with a discussion of the range of Falco peregrinus pealei. REG

Gulf of Alaska - Kodiak (Afognak I.)
Bering Sea - Yukon Delta (Goodnews Bay)
Plovers, sandpipers
Mongolian Plover, Whimbrel
Distribution, specimen record

72. FRIEDMANN, H. 1938. Further records from St. Lawrence Island, Alaska. Condor 40:88.

This note reports on three species of birds new to the island and one new to North America. REG

Bering Sea - St. Lawrence Is.
Sandpipers
Long-billed Dowitcher
Specimen record, distribution

73. GABRIELSON, I.N. 1952. Notes on Bonasa and Numenius in Alaska. Condor 54:359.

A specimen of Siberian Whimbrel N. phaeopus variegatus is reported from St. Lawrence Island in 1938. REG

Bering Sea - St. Lawrence Is.
Sandpipers
Whimbrel
Specimen record, distribution

74. GIBSON, D.D. 1977. First North American nest and eggs of the Ruff. Western Birds 8:25-26.

This note describes the nest and eggs of a Ruff, and includes observations of the female at the nest. MRP

Arctic - Chukchi (Point Lay)
Sandpipers
Ruff
Distribution, behavior

75. GIBSON, D.D. 1978. Separation of tattlers and snipe. El epaio 39:8.

The author provides techniques for distinguishing Heteroscelus incanus from H. brevipes, and Capella gallinago delicata from C. g. gallinago. Although he addresses his comments to birders in Hawaii, he does summarize the occurrence of these birds in the Aleutian Islands. CMH

Aleutians
Sandpipers
Polynesian Tattler, Wandering Tattler, Common Snipe
Plumage, distribution

76. GILL, R., JR. 1978. Dispersal of autumnal migrant Dunlin and Western Sandpipers from the Alaska Peninsula. Pac. Seabird Group Bull. 5(1) :52-53. (Abstract)

This paper describes the use of Nelson Lagoon by Western Sandpipers and Dunlin during the fall and compares their migration strategies. The use of large cyclonic low pressure systems as an aid to migration is discussed. MRP

Bering Sea - Bristol Bay (Nelson Lagoon)
Sandpipers
Western Sandpiper, Dunlin
Migration

77. GILL, R., JR. 1979. Shorebird studies in western Alaska, 1976-1978. Wader Study Group. Bull. 25:38-40.

This article summarizes the preliminary results of shorebird studies conducted on the Yukon Delta and northcentral Alaska Peninsula. Migration and wintering areas of Dunlin and Western Sandpiper are discussed. REG

Bering Sea - Yukon Delta, Bristol Bay (Alaska Peninsula)
Sandpipers
Western Sandpiper, Rock Sandpiper, Dunlin
Migration, distribution

78. GILL, R., JR., C. HANDEL, and M. PETERSEN. 1979. Migration of birds in Alaska marine habitats, pp. 245-288. In Environmental Assessment of the Alaskan Continental Shelf, Final Reports of Principal Investigators, Vol. 5. NOAA, Environ. Res. Lab., Boulder, Colo.

This report summarizes published and unpublished information on spring and fall migration routes and staging areas. The species addressed are those thought to be highly vulnerable to oil contamination in Alaska marine waters. REG

Alaska
Sandpipers
Western Sandpiper, Dunlin
Migration, habitat, pollution, disturbance

79. GILL, R., JR., and P.D. JORGENSEN. 1979. A preliminary assessment of timing and migration of shorebirds along the northcentral Alaska Peninsula. Stud. Avian Biol. 2:113-123.

This paper describes post-breeding concentrations and fall migration of shorebirds in 1976 at Nelson Lagoon, an important staging area for several species. Temporal abundance and habitat use are quantified. MRP

Bering Sea - Bristol Bay (Nelson Lagoon)
Plovers, sandpipers, phalaropes
Distribution, migration, abundance, habitat

80. GILL, R., M. PETERSEN, C. HANDEL, J. NELSON, A. DEGANGE, A. FUKUYAMA, and G. SANGER. 1978. Avifaunal assessment of Nelson Lagoon, Port Moller, and Herendeen Bay, Alaska - 1977, pp. 69-131. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 3. NOAA, Environ. Res. Lab., Boulder, Colo.

The distribution and abundance of waterfowl and shorebirds along the northcentral Alaska Peninsula are reported, with maps showing critical feeding and roosting areas. Information on the reproductive success of Common Eiders and Glaucous-winged Gulls is also included. Appended are three papers presented to the Pacific Seabird Group in 1977: "Autumn migration of Dunlin and Western Sandpipers from the Alaska Peninsula"; "Feeding ecology of Steller's Eider"; and "Unusual nest site selection by Tufted Puffins." CMH

Bering Sea - Bristol Bay (Nelson Lagoon, Herendeen Bay)
Shorebirds
Distribution, abundance, migration, habitat, food

81. GRIFFIN, D.R. 1951. Alaskan bird migrations, pp. 11-20. In Research 'Reviews. Office of Naval Research, Dept. Navy, Wash., D.C.

This paper, based primarily on the author's homing study of Semipalmated Plovers, discusses the possible mechanisms birds use in navigating during migration. CMH

Arctic - Beaufort (Umiat)
Plovers
Semipalmated Plover, American Golden Plover
Migration

82. GRINNELL, J. 1902. Corrections of errors in identification. Condor 4:17.

In an earlier paper (Auk 15:122-131, 1898), the author referred to a specimen of Spotted Sandpiper from Sitka as an example of Baird's Sandpiper. REG

Gulf of Alaska - Southeastern (Sitka)
Sandpipers
Spotted Sandpiper, Baird's Sandpiper
Specimen record, distribution

83. HANDEL, C.M. 1979. Preliminary Assessment of Impacts to Bird Resources from the Grounding of the F/V Ryuyo Maru No. 2 on St. Paul Is1 and, Al aska. Unpublished report. U.S. Fish and Wildl. Serv., Anchorage, Alaska. 17 pp.

This report presents observations of oil contamination in Salt Lagoon on St. Paul Island after the grounding of the F/V Ryuyo Maru No. 2 on November 8, 1979. The impact on the birds and other marine life is discussed. MRP

Bering Sea - Pribilof Is. (St. Paul Is.)
Sandpi pers
Ruddy Turnstone
Pollution, checklist

84. HANNA, G.D. 1921. The Pribilof Sandpi per. Condor 23:50-57.

The author summarizes all information available on the race of the Rock Sandpi per which nests on the Bering Sea islands. Included are observations on breeding and winter distribution, dates of migration, habitat, nesting chronology and behavior, and foods. Dimensions of 72 eggs are also presented. CMH

Bering Sea - Pribilof Is., St. Matthew Is.
Sandpi pers
Rock Sandpi per
Di stri buti on, abundance, reproduction, behavior, habitat, subsistence, food

85. HANNA, W.C. 1930. Breeding record of Paci fic Godwi t. Condor 32:126.

This note details the collection of an egg set and accompanying pair of adult Bar-tailed Godwi ts in July 1928. REG

Arctic - Chukchi (Ashookto R.)
Sandpi pers
Bar-tailed Godwi t
Di stri buti on, specimen record

86. HANNA, W.C. 1935. Long-billed Dowitcher breeding in Alaska. Condor 37:287.

Records of egg sets from Wales and the Meade River in 1929 and 1934, respectively, are reported. REG

Arctic - Beaufort (Meade R.)
Bering Sea - Norton Sound (Wales)
Sandpipers
Long-billed Dowitcher
Specimen record, distribution

87. HANNA, W.C. 1940. Rufous-necked Sandpiper nesting on Seward Peninsula, Alaska. Condor 42:122-123.

This note describes the eggs of this species. REG

Bering Sea - Norton Sound (Cape Prince of Wales)
Sandpipers
Rufous-necked Sandpiper
Distribution, specimen record

88. HARRIS, S.W. 1963. Hudsonian Godwit in the Yukon-Kuskokwim Delta of Alaska. Murrelet 44:8.

The author presents observations of postbreeding godwits on the Yukon Delta in summer 1962. REG

Bering Sea - Yukon Delta (Kashunuk R.)
Sandpipers
Hudsonian Godwit
Distribution, specimen record

89. HARRISON, B.A., and R.I.G. MORRISON. 1979. Semipalmated Sandpiper migration in North America. Stud. Avian Biol. 2:83-100.

From an analysis of morphometric data and banding returns, the authors outline the spring and fall migration routes of different populations of the Semipalmated Sandpiper, including those nesting in Alaska. CMH

Arctic
Sandpipers
Semipalmated Sandpiper
Migration, anatomy

90. HARRISON, C.S. 1978. The association of marine birds and feeding gray whales. Pac. Seabird Group Bull. 5(2):71. (Abstract)

This reports observations of marine birds associating with gray whales which were bringing benthic food items to the surface while feeding. The importance of this food source to birds is discussed. MRP

Arctic - Chukchi
Bering Sea
Phalaropes
Food

91. HARRISON, C.S. 1979. The association of marine birds and feeding gray whales. Condor 81:93-95.

This reports on a community of at least nine species of marine birds suspected of being partially supported by an association with feeding gray whales in the Bering and Chukchi Seas. REG

Arctic - Chukchi
Bering Sea
Phalaropes
Food, behavior

92. HARTING, J.C. 1869. On rare or little-known Limicolae. Ibis 1869:426-434.

The author summarizes all information available on the Spoon-bill Sandpiper, and includes a list of locations where specimens have been collected and a description of the summer plumage. A plate depicts a specimen collected at Bering Strait. CMH

Bering Sea - Norton Sound (Bering Strait)
Sandpipers
Spoon-bill Sandpiper
Specimen record, plumage, distribution

93. HARTING, J. 1874. A new species of Tringa from Alaska. Proc. Zool. Soc. London, 1874: 242-244.

The author, after an examination of specimens collected on St. Paul Island, describes a new species (now considered a subspecies of Dunlin). MRP

Bering Sea - Pribilof Is. (St. Paul Is.)
Sandpipers
Dunlin
Specimen record, taxonomy

94. HAVENS, P.D. 1970. Aberration in the clutch size of the Semipalmated Plover. Condor 72:481.

The author notes the finding of a Semipalmated Plover nest with five eggs. CMH

Bering Sea - Bristol Bay
Plovers
Semipalmated Plover
Reproduction

95. HENSHAW, H.W. 1910. Migration of the Pacific Golden Plover to and from the Hawaiian Islands. Auk 27:245-262.

The author speculates on the routes and timing of migration of plovers to and from Alaska. REG

Alaska
Plovers
American Golden Plover
Migration

96. HÖHN, E.O. 1965. Ornithological observations in the Askinuk Mountains and Scammon Bay area, Yukon Delta, Alaska. Arctic 18:260-261.

Eighty-seven species were recorded, but fewer than a dozen are treated in this short note. The Spotted Sandpiper and Red and Northern Phalaropes are the only shorebirds mentioned, and Bufflehead and Common Goldeneye, the only waterfowl. REG

Bering Sea - Yukon Delta (Scammon Bay)
Sandpipers, phalaropes
Spotted Sandpiper, Northern Phalarope, Red Phalarope
Distribution

97. HÖHN, E.O. 1965. The Phalaropes. The New Brehm Library, A. Ziemsen, Whittenbergh.

Not reviewed.

Alaska
Phalaropes

98. HÖHN, E.O. 1968. Some observations on the breeding of Northern Phalaropes at Scammon Bay, Alaska. *Auk* 85:316-317.
- Breeding season, habitat, mating, and nesting are discussed. REG
- Bering Sea - Yukon Delta (Scammon Bay)
Phalaropes
Northern Phalarope
Breeding biology
99. HOLMES, R.T. 1963. Food overlap in breeding sandpipers in northern Alaska. *Proc. Alaska Sci. Conf.* 14:66.
- Not reviewed.
- Arctic - Chukchi, Beaufort
Sandpipers
Food
100. HOLMES, R.T. 1964. Breeding ecology and annual cycle of the Red-backed Sandpiper Calidris alpina pacifica. Ph.D. thesis. Univ. Calif., Berkeley. 223 pp.
- Not reviewed.
- Sandpipers
Dunlin
Abundance, breeding biology
101. HOLMES, R.T. 1966. Breeding ecology and annual cycle adaptations of the Red-backed Sandpiper (Calidris alpina) in northern Alaska. *Condor* 68:3-46.
- A detailed study of the breeding ecology and nonbreeding phases of the annual cycle of Calidris alpina is reported. The adaptiveness of different breeding systems of Calidris sandpipers and their ecological and behavioral correlates are discussed. MRP
- Arctic - Chukchi (Barrow)
Sandpipers
Dunlin
Breeding biology, migration

102. HOLMES, R.T. 1966. Feeding ecology of the Red-backed Sandpiper (Calidris alpina) in Arctic Alaska. Ecology 47:32-45.

The author presents results of a five-year study of the feeding ecology of this species. Food and habitat selection are compared for adults and young. The timing of hatch of Red-backed Sandpipers as related to-food availability and climatic conditions is discussed. REG

Arctic - Chukchi (Barrow)
Sandpipers
Dunlin
Food

103. HOLMES, R.T. 1966. Molt cycle of the Red-backed Sandpiper (Calidris alpina) in western North America. Auk 83:517-533.

The pterylography, molts, molt schedule, and criteria for age determination of Dunlin along the west coast of North America are described. The relationships of molt with breeding and migration are discussed. REG

Arctic - Chukchi (Barrow)
Bering Sea - Yukon Delta
Sandpipers
Dunlin
Plumage, migration

104. HOLMES, R.T. 1970. Differences in population density, territoriality, and food supply of Dunlin on Arctic and subarctic tundra. Symp. Brit. Ecol. Soc. 10:303-319.

This paper presents the results of a nine-year study and compares the densities, territorial activity, and food supplies of Dunlin at Barrow and on the Yukon Delta. REG

Arctic - Chukchi (Barrow)
Bering Sea - Yukon Delta
Sandpipers
Dunlin
Population dynamics, food, habitat, behavior

105. HOLMES, R.T. 1971. Density, habitat, and the mating system of the Western Sandpiper (Calidris mauri). *Oecologia* 7:191-208.

The results of a four-year study of Western Sandpipers on the western Yukon Delta are reported. Nesting and feeding territories, nesting densities, nest-site tenacity, and the mating system are described. REG

Bering Sea - Yukon Delta
Sandpipers
Western Sandpiper
Distribution, breeding biology, abundance

106. HOLMES, R.T. 1971. Latitudinal differences in the breeding and molt schedules of Alaskan Red-backed Sandpipers (Calidris alpina). *Condor* 73:93-99.

The influence of length of summer season and of climate on the timing of breeding and molt in the Yukon Delta population of **Dunlin** is contrasted with that in the more northerly population at Barrow. REG

Bering Sea - Yukon Delta
Arctic - **Chukchi** (Barrow)
Sandpipers
Dunlin
Breeding biology, plumage

107. HOLMES, R.T. 1972. Ecological factors influencing the breeding season schedule of Western Sandpipers (Calidris mauri) in sub-arctic Alaska. *Am. Midl. Nat.* 87:472-491.

This paper describes the breeding biology, distribution, habitat, molt, and foods of Western Sandpipers. The primary factors thought to influence the scheduling of the breeding season are discussed. MRP

Bering Sea - Yukon Delta (Kolomak R.)
Sandpipers
Western Sandpiper
Breeding biology, migration, plumage

108. HOLMES, R.T. 1973. Social behavior of breeding Western Sandpipers Calidris mauri. Ibis 115:107-123.

The author provides detailed descriptions of the behaviors observed in breeding Western Sandpipers, and interprets them in terms of their adaptive characteristics. CMH

Bering Sea - Yukon Delta (Kolomak R.)
Sandpipers
Western Sandpiper
Behavior

109. HOLMES, R.T., and F.A. PITELKA. 1961. Behavior and taxonomic position of the White-rumped Sandpiper. Proc. Alaska Sci. Conf. 12:19-20. (Abstract)

This abstract briefly describes courtship displays, patterns of vocalization, and expansion of the throat region of White-rumped Sandpipers, and compares these to behaviors of Pectoral Sandpipers. The taxonomic relationship of the two species is discussed. MRP

Arctic - Chukchi (Barrow)
Sandpipers
White-rumped Sandpiper, Pectoral Sandpiper
Behavior, taxonomy

110. HOLMES, R.T., and F.A. PITELKA. 1964. Breeding behavior and taxonomic relationships of the Curlew Sandpiper. Auk 81:362-379.

This paper describes the breeding of a small population of this normally Siberian-nesting species which settled at Barrow, Alaska, in 1962. Detailed descriptions of breeding behaviors are presented and contrasted with those of several congeners nesting in the Arctic. REG

Arctic - Chukchi (Barrow)
Sandpipers
Curlew Sandpiper
Breeding biology, taxonomy, behavior

111. HOLMES, R.T., and F.A. PITELKA. 1968. Food overlap among co-existing sandpipers on northern Alaska tundra. *Syst. Zool.* 17:305-318.

This paper focuses on the diets and food exploitation patterns of four widely sympatric sandpipers breeding near Barrow. Factors relieving competition among the four species are discussed. REG

Arctic - Chukchi (Barrow)
Sandpipers
Semipalmated Sandpiper, Baird's Sandpiper, Pectoral Sandpiper,
Dunlin
Food

112. HOUT, J.L. and C.J. LENSINK. 1968. Survey of Waterfowl Populations and Habitat on Nelson Island, Alaska. Unpublished progress report. U.S. Fish and Wildl. Serv., Bethel, Alaska. 24 pp.

This report summarizes results of aerial surveys, and describes habitat use, reproductive performance, and production of waterfowl. Included are observations of other nesting species. MRP

Bering Sea - Yukon Delta (Nelson Is.)
Plovers, sandpipers, phalaropes
Semipalmated Plover, American Golden Plover, Black Turnstone,
Western Sandpiper, Least Sandpiper, Northern Phalarope
Abundance, distribution, reproduction, habitat

113. HOWARD, R.L. 1974. Aquatic invertebrate-waterbird relationships on Alaska's Arctic Coastal Plain. M.S. thesis. Iowa State Univ., Ames. 49 pp.

The author relates seasonal abundance and availability of aquatic macroinvertebrates to use by water birds. He discusses possible consequences of industrial contamination of aquatic habitats, and makes several recommendations for mitigating ill effects. MRP

Arctic - Beaufort (Point Storckersen, Colville River, Sagavanirktok R., Kuparuk R.)
Sandpipers, phalaropes
Northern Phalarope, Red Phalarope
Habitat, food, pollution, research, management

114. HOWE, R.H., JR. 1901. Sexual difference in size of the Pectoral Sandpi per. Auk 18:107.

The author points out an early reference documenting the disparity in size between the sexes. CMH

Arctic - Chukchi (Barrow)
Sandpi pers
Pectoral Sandpi per
Anatomy

115. HUDSON, G.E. 1954. Hudsonian Godwi ts on Cook Inlet, Al aska. Murrelet 35:51.

The author records the collection of several Hudsonian Godwi ts on the mudflats of Cook Inlet in July 1951. CMH

Gul f of Al aska - Cook Inlet
Sandpi pers
Hudsonian Godwi t
Di stri buti on, speci men record

116. HUNT, G., JR., B. MAYER, W. RODSTROM, and R. SQUIBB. 1978. Reproductive ecology, foods and foraging areas of seabirds nesting on the Pribilof Islands, pp. 570-775. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 1. NOAA, Environ. Res. Lab., Boulder, Colo.

This report summarizes detailed information on the reproductive and feeding ecology of 11 species of seabirds studied from 1975 to 1977. Shearwaters, storm-petrels, Glaucous-winged Gulls, and Red Phalaropes are also mentioned. Potential impacts from oil development are discussed. CMH

Bering Sea - Pribilof Is.
Phalaropes
Red Phalarope
Abundance

117. HURD, P.D., JR., and F.A. PITELKA. 1952. The role of insects in the economy of certain Arctic Alaska birds. Proc. Alaska Sci. Conf. 3:136-137. (Abstract)

Nesting cycles of Lapl and Longspurs, Snow Buntings, and Red Phalaropes are examined in relation to the availability of their insect prey. Factors influencing prey utilization are discussed briefly. NMH

Arctic
Phalaropes
Red Phalarope
Food

118. IRVING, L., and J. KROG. 1956. Temperature during the development of birds in Arctic nests. Physiol. Zool. 29:195-205.

This paper reports the incubation temperatures of eggs of seven species of birds, including Pintail and Semipalmated Sandpiper, nesting at Anaktuvuk. The behavior of incubating adults is discussed in relation to temperature of the embryo. MRP

Interior - Koyukuk (Anaktuvuk)
Sandpipers
Semipalmated Sandpiper
Physiology

119. ISLEIB, M.E. 1977. Migratory shorebird populations on the Copper River Delta and eastern Prince William Sound, Alaska. Unpublished summary. Cordova, Alaska. 9 pp.

This report summarizes dates of spring migration of shorebirds from 1963 to 1976 in the Copper River Delta area. MRP

Gulf of Alaska - Prince William Sound, Copper River
Shorebirds
Public interest, migration

120. ISLEIB, M.E. 1979. Migratory shorebird populations on the Copper River Delta and eastern Prince William Sound, Alaska. Stud. Avian Biol. 2:125-129.

The timing of migration and numbers of shorebirds passing through the Copper River Delta and eastern Prince William Sound are described. Spring and fall migration are compared. REG

Gulf of Alaska - Prince William Sound, Copper River
Shorebirds
Migration, habitat, abundance

121. JOHNSON, S.R. 1974. First specimen of a robin (Turdus migratorius) and three important sight records from St. Lawrence Island, Bering Sea, Alaska. Condor 76:108.

Sight records of the Whiskered Auklet, Lesser Yellowlegs, Upland Sandpiper, and American Robin on St. Lawrence Island are noted.
NMH

Bering Sea - St. Lawrence Is.
Sandpipers
Upland Sandpiper, Lesser Yellowlegs
Annotated list, distribution

122. JOHNSON, S.R. 1978. Beaufort Sea barrier island - lagoon ecological process studies. Section 2. Avian ecology in Simpson Lagoon, 1977, pp. 467-586. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 7. NOAA, Environ. Res. Lab., Boulder, Colo.

This report addresses the migration, breeding, feeding, and staging/molting of birds at Simpson Lagoon in summer 1977. Information on migration, nesting densities, and reproductive success are summarized for all species. Detailed information on molt, staging, and feeding is presented for Oldsquaws, gulls, terns, and phalaropes. Possible effects of disturbance are briefly discussed. CMH

Arctic - Beaufort (Simpson Lagoon)
Shorebirds, phalaropes
Northern Phalarope, Red Phalarope
Habitat, physiology, food, abundance, migration, disturbance

123. JOHNSON, S.R. 1979. Beaufort Sea barrier island - lagoon ecological process studies. Part 1. Avian ecology in Simpson Lagoon, Beaufort Sea, Alaska, pp. 238-362. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 6. NOAA, Environ. Res. Lab., Boulder, Colo.

This report compares information gathered in 1977 and 1978. Timing of migration is summarized for 63 species, and nesting densities are presented. The majority of the report addresses habitat use by molting Oldsquaws, and pre-migratory staging of shorebirds, gulls, and terns. Results of feeding studies are presented for Oldsquaws, phalaropes, and Glaucous Gulls. CMH

Arctic - Beaufort (Simpson Lagoon)
Shorebirds, phalaropes
Northern Phalarope, Red Phalarope
Habitat, physiology, food, abundance, migration

124. JOHNSTON, D.W. 1964. Ecologic aspects of lipid deposition in some postbreeding Arctic birds. *Ecology* 45:848-852.

This paper discusses possible correlations among lipid levels, timing of migration, and migratory routes of five species of birds, including the American Golden Plover, Western Sandpiper, and Arctic Tern. CMH

Arctic - Kotzebue Sound (Cape Thompson)
Plovers, sandpipers
American Golden Plover, Western Sandpiper
Migration, physiology

125. JONES, R.D., JR., and D.D. GIBSON. 1975. Specimens of birds from Amchitka Island, Alaska. *Auk* 92:811.

This note reports on a specimen of Black-tailed Godwit from Amchitka Island. The bird was collected in 1961 and represented the second specimen from North America. REG

Aleutians - (Amchitka Is.)
Sandpipers
Black-tailed Godwit
Distribution, specimen record

126. JOURDAIN, F.C.R. 1907. On the eggs of some American Limicolae. *Ibis*, 9th series:517-518.

The author presents weight and size data for single eggs of Pectoral and Baird's Sandpipers from Point Barrow in 1898. REG

Arctic - Chukchi (Barrow)
Sandpipers
Baird's Sandpiper, Pectoral Sandpiper
Specimen record

127. KEITH, S. 1967. New bird records from Alaska and the Alaska Highway. *Can. Field-Nat.* 81:196-200.

This paper presents new records for five species, including the Sharp-tailed Sandpiper and four passerine. CMH

Bering Sea - Yukon Delta (Hooper Bay)
Sandpipers
Sharp-tailed Sandpiper
Distribution, abundance, plumage

128. KENNARD, F.H. 1918. Ferruginous stains on waterfowl. Auk 35:123-132.

The source of ferruginous stains on waterfowl is examined. Discussions pertaining to Emperor Geese, Canada Geese, Red-throated Loons, and Northern Phalaropes refer to Alaska birds. REG

Gulf of Alaska - Prince William Sound (Cordova Bay)
Phalaropes
Northern Phalarope
Plumage, habitat

129. KING, J.G., and C.J. LENSINK. 1971. An Evaluation of Alaska Habitat for Migratory Birds. Unpublished report. U.S. Dept. Int., Bur. Sport Fish. Wildl., Washington, D.C. 72 pp.

This paper evaluates the importance of Alaskan habitats to migratory birds and identifies areas of the state where birds may be threatened by pollution and development. NMH

Alaska
Shorebirds
Distribution, abundance, habitat, migration, pollution

130. KING, J.G., and G.A. SANGER. 1979. Oil vulnerability index for marine oriented birds. U.S. Fish and Wildl. Serv., Wildl. Res. Rep. 11: 227-239.

This paper presents a method to indicate the relative vulnerability of a marine bird species to oil pollution and related impacts of oil development. Each of 176 species of birds using marine habitats in Washington, Alaska, and British Columbia is ranked on the basis of 20 factors that affect its survival. The needs for such a system as a management tool are discussed. MRP

Alaska
Shorebirds
Management, pollution

131. KURY, C.R. 1972. Ring-necked Duck and Ruddy Turnstones wintering at Sitka. *Murrelet* 53:11.

This note reports the occurrence of a flock of Ruddy Turnstones at Sitka on January 18, 1971. MRP

Gulf of Alaska - Southeastern (Sitka)
Sandpipers
Ruddy Turnstones
Distribution

132. KYLLINGSTAD, H.C. 1948. The secret of the Bristle-thighed Curlew. *Arctic* 1:113-118.

This is a semi-popular account of the 1948 expedition to locate the nest of this species. The article describes previous attempts to locate a nest and details the finding of the first nest near Mt. Village on June 12, 1948. REG

Bering Sea - Yukon Delta
Sandpipers
Bristle-thighed Curlew
Distribution, habitat

133. LADD, W.N. 1978. The new migratory bird treaty between the United States and Union of Soviet Socialist Republics. *Pac. Seabird Group Bull.* 5(2):39-57.

This article summarizes the provisions that differ from those in previous treaties and discusses their significance to management of marine birds. Disturbance, subsistence use, and habitat protection are addressed. The full treaty is included. MRP

Alaska
Shorebirds
Management

134. LESCHNER, L. L., and G. BURRELL. 1977. Populations and ecology of marine birds on the Semidi Islands, pp. 13-109. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 4. NOAA, Environ. Res. Lab., Boulder, Colo.

This paper discusses observations on the populations, breeding biology, and foods of 19 species of marine birds during summer 1976. A checklist presents the breeding status of the 54 species of birds observed. CMH

Gulf of Alaska - Kodiak (Semidi Is.)
Shorebirds, oystercatchers
Black Oystercatcher
Abundance, habitat, reproduction, food, checklist

135. LITTLEJOHN, C. 1904. The capture of Totanus glareola in Alaska. Condor 6:138.

The occurrence of Totanus glareola (= Tringa glareola) on Sanak Island is noted. NMH

Aleutians - (Sanak Is.)
Sandpipers
Wood Sandpiper
Distribution, specimen record

136. MACLEAN, S. F., JR. 1969. Ecological determinants of species diversity of Arctic sandpipers near Barrow, Alaska. Ph.D. thesis. Univ. Calif., Berkeley. 194 pp.

Not reviewed.

Arctic - Chukchi (Barrow)
Sandpipers

137. MACLEAN, S. F., JR. 1974. Lemming bones as a source of calcium for Arctic sandpipers (Calidris spp.). Ibis 116:552-557.

The significance of tooth and bone fragments in stomachs of Arctic nesting shorebirds is explored and related to calcium requirements in nesting female sandpipers. REG

Arctic - Chukchi (Barrow)
Sandpipers
Semipalmated Sandpiper, Baird's Sandpiper, Pectoral Sandpiper,
Dunlin
Physiology, reproduction, food

138. MACLEAN, S. F., JR., and R.T. HOLMES. 1971. Bill lengths, wintering areas, and taxonomy of North American Dunlins, Calidris alpina. Auk 88:893-901.

The authors, using meristic and plumage criteria, recognize three distinct groups, two of which breed in Alaska. Geographic variations in the races are discussed. REG

Alaska
Sandpipers
Dunlin
Taxonomy, distribution, anatomy, plumage

139. MACLEAN, S.F., JR., and F.A. PITELKA. 1971. Seasonal patterns of abundance of tundra arthropods near Barrow. Arctic 24:19-40.

This paper reports on seasonal changes in abundance of arthropods, and examines them in relation to the peak of shorebird hatch. MRP

Arctic - Chukchi (Barrow)
Shorebirds
Food

140. MANUWAL, D.A. 1980. Breeding Biology of Seabirds on the Barren Islands, Alaska. Unpublished final report. U.S. Fish and Wildl. Serv., Anchorage, Alaska. 195 pp.

This report summarizes a study on the breeding biology of seabirds on the Barren Islands from 1976 to 1979. The report discusses local distribution, abundance, and nesting requirements of breeding seabirds; productivity; types and quantities of food consumed by selected species; and the effect of future oil development on their biology. MRP

Gulf of Alaska - Kodiak (Barren Is.)
Oystercatchers
Black Oystercatcher
Abundance, distribution, breeding biology, pollution

141. MANUWAL, D.A., and R.W. CAMPBELL. 1979. Status and distribution of breeding seabirds of southeastern Alaska, British Columbia, and Washington. U.S. Fish and Wildl. Serv., Wildl. Res. Rep. 11:73-91.

This paper reviews current breeding seabird population estimates, nest site preferences, and population changes for southeastern Alaska, British Columbia, and Washington. Important research needs are identified. MRP

Gulf of Alaska - Southeastern
Oystercatchers
Black Oystercatcher
Status, abundance, distribution, habitat, research

142. MARTINEZ, E.F. 1974. Recovery of a Semipalmated Sandpiper at Prudhoe Bay, Alaska. Bird-Banding 45:364-365.

A Semipalmated Sandpiper which was banded in central Kansas was found breeding at Prudhoe Bay. NMH

Arctic - Beaufort (Prudhoe Bay)
Sandpipers
Semipalmated Sandpiper
Migration, distribution

143. MCKNIGHT, D.E., and C.E. KNODER. 1979. Resource development along coasts and on the ocean floor: Potential conflicts with marine bird conservation. U.S. Fish and Wildl. Serv., Wildl. Res. Rep. 11:183-194.

This paper discusses the potential for disastrous and irrecoverable losses to northern marine bird populations and identifies research needs. MRP

Alaska
Shorebirds
Pollution, research

144. MEINERTZHAGEN, R. 1925. The distribution of the phalaropes. Ibis 1925:325-344.

"Reference is made to specimens of Phalaropus fulicarius and lobatus from Alaska." (From Gabriel ~~son~~ and Lincoln, Birds of Alaska, 1959. Original not seen.) CMH

Alaska
Phalaropes
Northern Phalarope, Red Phalarope
Distribution, specimen record

145. MICKELSON, P. G., J.S. HAWKINS, D.R. HERTER, and S.M. MURPHY. 1980. Habitat Use by Birds and other Wildlife on the Eastern Copper River Delta, Alaska. Unpublished report. Alaska Coop. Wildl. Res. Unit, Univ. Alaska, Fairbanks. 189 pp.

During a study of nesting and migrating birds on the eastern Copper River Delta in 1978 and 1979 the authors determined habitat preferences, distribution, abundance, and phenology for the avifauna of the area. Critical habitats were identified and recommendations made for future surveillance and management of populations. Detailed information is presented for Dusky Canada Geese, Sandhill Cranes, and shorebirds. REG

Gulf of Alaska - Copper River (Eastern Copper R. Delta)
Plovers, sandpipers, phalaropes
Semipalmated Plover, Common Snipe, Short-billed Dowitcher, Least Sandpiper, Dunlin, Northern Phalarope
Abundance, breeding biology, checklist, distribution, food, habitat, management, migration, predation, reproduction, status

146. MOE, R. A., and R.H. DAY. 1979. Populations and ecology of seabirds of the Koniuji Group, Shumagin Islands, Alaska, pp. 395-491. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 2. NOAA, Environ. Res. Lab., Boulder, Colo.

The distribution and abundance of 20 species of marine birds nesting in this group of islands are summarized and mapped. Information on the breeding biology and feeding ecology is presented for 17 and 11 species, respectively. CMH

North Pacific - (Shumagin Is.)
Oystercatchers
Black Oystercatcher
Abundance, distribution, reproduction, habitat, food

147. MURIE, O.J. 1923. Nest and eggs of the Wandering Tattler found in Alaska. *Murrelet* 4:17.

Not reviewed.

Sandpipers
Wandering Tattler
Distribution

148. MURIE, O.J. 1924. Nesting records of the Wandering Tattler and Surf-bird in Alaska. *Auk* 41:231-237.

The author presents records of the Wandering Tattler and Surfbird nesting in Interior Alaska, and describes nesting habitat, adult behavior, and plumage of the downy young. CMH

Interior - Tanana (Alaska Range)
Sandpipers
Wandering Tattler, Surfbird
Habitat, distribution, plumage, behavior

149. MURPHY, R.C. 1925. Notes on certain species and races of oyster-catchers. *Am. Mus. Novit.* 194:1-15.

"Reference is made to specimens of Haematopus bachmani from Alaska." (From Gabrielson and Lincoln, *Birds of Alaska*, 1959. Original not seen.) CMH

Oystercatchers
Black Oystercatcher
Distribution, specimen record

150. MUSACCHIA, X.J. 1949. Lipid metabolism in Arctic Alaskan birds. *Proc. Fed. Amer. Soc. Exper. Biol.* 8:116.

This paper discusses "fat analysis of livers and kidneys from Old Squaw and Red Phalarope." (From Gabrielson and Lincoln, *Birds of Alaska*, 1959. Original not seen.) CMH

Arctic - Chukchi (Barrow)
Phalaropes
Red Phalarope
Physiology

151. MUSACCHIA, X.J. 1953. A study of the lipids in Arctic migratory birds. Condor 55:305-312.

This paper presents data on fatty acids, lipid phosphorus, and cholesterol levels in tissues of four species of Arctic migratory birds. The significance of variations in lipid patterns among the species is discussed. REG

Arctic - Chukchi (Barrow)
Plovers, sandpipers, phalaropes
American Golden Plover, Dunlin, Red Phalarope
Physiology, migration

152. MYERS, J.P. 1979. Leks, sex, and Buff-breasted Sandpipers. Am. Birds 33:823-825.

This article presents a brief description of displays and copulatory behavior of Buff-breasted Sandpipers, and includes color photographs of the displays. MRP

Arctic
Sandpipers
Buff-breasted Sandpiper
Behavior

153. MYERS, J.P., and F.A. PITELKA. 1979. Variations in summer temperature patterns near Barrow, Alaska: Analysis and ecological interpretation. Arct. Alp. Res. 11:131-144.

This paper analyzes daily mean temperature and wind direction information for 26 summers (1950-1975) at Barrow. Annual differences in densities of breeding shorebirds are discussed in relation to variations in early season environmental conditions on the breeding grounds. MRP

Arctic - Chukchi (Barrow)
Sandpipers, phalaropes
Pectoral Sandpiper, Red Phalarope
Habitat

154. MYERS, J. P., and F.A. PITELKA. 1980. Seasonal abundance and habitat use patterns of shorebirds at two sites in northern Alaska. Wader Study Group Bull. 29:28-30.

This paper briefly describes results of a five-year study comparing seasonal habitat use and abundance of shorebirds at a coastal and an inland site in northern Alaska. Overall densities are analyzed in relation to time, degree of polygonization of the tundra, and degree of pond development of the habitat. A checklist presents the status of the shorebird species observed at each site. CMH

Arctic - Chukchi (Barrow, Atkasook)
Shorebirds
Habitat, abundance, checklist

155. NELSON, E.W. 1881. Habits of the Black Brant in the vicinity of St. Michael's, Alaska. Bull. Nutt. Ornithol. Club. 6:131-138.

This paper presents observations of spring migration of Black Brant and several other early migrants. Flight behavior, body condition during spring migration, and possible migration routes of Black Brant are described. MRP

Bering Sea - Norton Sound (St. Michael)
Phalaropes
Northern Phalarope
Migration

156. NELSON, E.W. 1884. The breeding habits of the Pectoral Sandpiper (Actodromus maculata). Auk 1:218-221.

The author details his observations of displaying Pectoral Sandpipers during late May 1879. REG

Bering Sea - Norton Sound (St. Michael)
Sandpipers
Pectoral Sandpiper
Behavior

157. NOBLE, H. 1901. Exhibition of eggs. Bull. Brit. Ornithol. Club 11:54-55.

This list includes sets of eggs of five species from Alaska. (From Gabrielson and Lincoln, Birds of Alaska, 1959. Original not seen.) CMH

Plovers, sandpipers

American Golden Plover, Spotted Sandpiper
Specimen record

158. NORTON, D.W. 1970. Thermal regime of nests and bioenergetics of chick growth in the Dunlin (Calidris alpina) at Barrow, Alaska. M.S. thesis. Univ. Alaska, Fairbanks. 78 pp.

Not reviewed.

Arctic - Chukchi (Barrow)
Sandpipers
Dunlin

159. NORTON, D.W. 1971. Growth rates and bioenergetics of calidridine sandpiper chicks of northern Alaska. Proc. Alaska Sci. Conf. 22:16. (Abstract)

A laboratory investigation of energetic and growth in Dunlin chicks is reported. In this abstract the author only alludes to bioenergetic and thermoregulatory problems faced by the chicks in their natural tundra habitat. NMH

Arctic
Sandpipers
Dunlin
Growth, physiology, techniques

160. NORTON, D.W. 1971. Physical and biological determination of incubation performance among Arctic sandpipers. Proc. Alaska Sci. Conf. 22:34. (Abstract)

Incubation performance of calidridine sandpipers nesting along the Alaska Arctic coast is briefly discussed. Adaptations to compensate for characteristically low ambient temperatures are described. NMH

Arctic
Sandpipers
Behavior

161. NORTON, D.W. 1971. Two Soviet recoveries of Dunlins banded at Point Barrow, Alaska. *Auk* 88:927.

Two adult Dunlin banded at Barrow in early summer were recovered in the Soviet Union in October, supporting the idea of an Asiatic wintering ground for the race of Dunlin breeding in Arctic Alaska. REG

Arctic - Chukchi (Barrow)
Sandpipers
Dunlin
Migration

162. NORTON, D.W. 1972. Incubation schedules of four species of calidridine sandpipers at Barrow, Alaska. *Condor* 74:164-176.

This paper examines incubation regimes of four Arctic nesting sandpipers, and relates incubation schedules to the influence of nesting stage, diurnal rhythms, and prevailing weather conditions. REG

Arctic - Chukchi (Barrow)
Sandpipers
Semipalmated Sandpiper, Baird's Sandpiper, pectoral Sandpiper,
Dunlin
Breeding biology

163. NORTON, D.W. 1972. Metabolism of Arctic sandpipers: Modeling in relation to the overall shorebird model, pp. 156-159. In *Proc. 1972 Tundra Biome Symp.*, Univ. Washington, Seattle.

Aspects of the metabolic rates of four species of Calidris sandpiper were investigated. The energetic impact of these species on the tundra ecosystem, and their evolutionary relationships are discussed. A simple energy budget model is presented. NMH

Arctic - Chukchi (Barrow)
Sandpipers
Semipalmated Sandpiper, Baird's Sandpiper, pectoral Sandpiper,
Dunlin
Physiology, behavior, habitat, taxonomy

164. NORTON, D.W. 1973. Ecological energetic of calidridine sandpipers breeding in northern Alaska. Ph.D. thesis. Univ. Alaska, Fairbanks. 193 pp.

Not reviewed.

Arctic - Chukchi (Barrow)
Sandpipers
Semipalmated Sandpiper

165. NORTON, D.W., and U.N. SAFRIEL. 1971. Homing by nesting Semipalmated Sandpipers displaced from Barrow, Alaska. Bird-Banding 42:295-297.

Results are reported of a homing experiment in which four pairs of nesting sandpipers were displaced via airplane from Barrow to interior Alaska. REG

Arctic - Chukchi (Barrow)
Interior - Tanana (Bettles, Fairbanks)
Sandpipers
Semipalmated Sandpiper
Migration

166. NYSEWANDER, D. R., and D.B. BARBOUR. 1979. The breeding biology of marine birds associated with Chiniak Bay, Kodiak Island, 1975-1978, pp. 21-106. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, vol. 2. NOAA, Environ. Res. Lab., Boulder, Colo.

Abundance, nesting habitat, breeding phenology, and productivity of 10 species are discussed. Data collected in 1978 are compared with those of 1975 and 1977. Chick growth and feeding rates are presented for Black-legged Kittiwakes and Tufted Puffins. An annotated list of the 75 species observed in summer 1978 is appended. REG

Gulf of Alaska - Kodiak (Chiniak Bay)
Shorebirds, oystercatchers
Black Oystercatcher
Reproduction, abundance, annotated list

167. NYSEWANDER, D., and E. HOBERG. 1978. The breeding biology of marine birds associated with Chiniak Bay, Kodiak Island, 1977, pp. 525-574. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 3. NOAA, Environ. Res. Lab., Boulder, Colo.

The 1977 breeding season phenology and productivity are reported for eight major species nesting over inner Chiniak Bay and on mainland Kodiak. Population estimates and densities of major breeding populations are presented. Incidental notes are summarized for six other species breeding in the area. A list of the prey items taken by nine species of seabirds is presented.
CMH

Gulf of Alaska - Kodiak (Kodiak Is., Chiniak Bay)
Oystercatchers, plovers
Black Oystercatcher, Semipalmated Plover
Reproduction

168. NYSEWANDER, D., and P. KNUDTSON. 1977. The population ecology and migration of seabirds, shorebirds, and waterfowl associated with Constantine Harbor, Hinchinbrook Island, Prince William Sound, 1976, pp. 500-575. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 4. NOAA, Environ. Res. Lab., Boulder, Colo.

The results of seabird colony censuses are reported and compared with 1972 censuses. Reproductive phenology and success are discussed for major breeding species and results from "sea watch" and shoreline transects are reported. An annotated list of the 90 species observed in summer 1976 is appended. REG

Gulf of Alaska - Prince William Sound (Hinchinbrook Is.)
Shorebirds, oystercatchers, plovers
Black Oystercatcher, Semipalmated Plover
Abundance, reproduction, annotated list

169. OBERHOLSER, H.C. 1919. Notes on North American birds, IX. Auk 36:556-559.

Records of occurrence of Little Ringed Plovers in North America are reviewed, including two from Alaska. Both records were subsequently challenged (cf. Gabrielson and Lincoln, Birds of Alaska, 1959; Kessel and Gibson, Stud. Avian Biol. 1, 1978). REG

Gulf of Alaska - Kodiak (Kodiak Is.)
Plovers
Little Ringed Plover
Specimen record, distribution

170. ORR, R.T. 1940. An analysis of the subspecific status of dowitchers in California. Condor 42:61-63.

This paper briefly mentions a specimen from the Yukon Delta. At the time, Long- and Short-billed Dowitchers were not yet recognized as separate species. REG

Bering Sea - Yukon Delta
Sandpipers
Short-billed Dowitcher, Long-billed Dowitcher
Taxonomy, distribution

171. OSGOOD, W.H. 1907. Probable breeding of the Wandering Tattler in the interior of Alaska. Auk 24:340.

The author records the collection of a Wandering Tattler, which he surmised may have been breeding there. CMH

Interior - Tanana (Mt. McKinley)
Wandering Tattler
Distribution

172. PALMER, W. 1894. Do wading birds swim? Nidologist 1:175.

This brief note describes a Rock Sandpiper swimming to a rock perch in the middle of a pond. MRP

Bering Sea - Pribilof Is. (St. Paul Is.)
Sandpipers
Rock Sandpiper
Behavior

173. PITELKA, F.A. 1948. The problematical relationships of the Asiatic shorebird Limnodromus semipalmatus. Condor 50:259-269.

This paper deals largely with taxonomy, and questions the relationships among the Asiatic shorebird Limnodromus semipalmatus and American dowitchers (L. griseus and L. scolopaceus). REG

Alaska
Sandpipers
Short-billed Dowitcher, Long-billed Dowitcher
Distribution, taxonomy

174. PITELKA, F.A. 1950. Geographic variation and the species problem in the shorebird genus Limnodromus. Uni v. Calif. Publ. Zool. 50:1-108.

The author presents a critical and detailed analysis of the distribution and taxonomic history of Limnodromus. A new form, L. griseus caurinus, is proposed from southern Alaska. REG

Alaska

Sandpipers

Short-billed Dowitcher, Long-billed Dowitcher

Anatomy, distribution, migration, plumage, taxonomy

175. PITELKA, F.A. 1959. Numbers, breeding schedule, and territoriality in Pectoral Sandpipers of northern Alaska. Condor 61:233-264.

This major paper discusses critical population characteristics of this common north Alaska shorebird. Information on displays, calls, and foods is also presented. REG

Arctic - Chukchi (Barrow)

Sandpipers

Pectoral Sandpiper

Population dynamics, breeding biology, food, behavior

176. PITELKA, F.A. 1979. Introduction: The Pacific Coast shorebird scene. Stud. Avian Biol. 2:1-13.

Dr. Pitelka, in these opening remarks at the 1977 shorebird symposium at Asilomar, California, summarizes shorebird distribution along the entire Pacific coast of North America and relates this to the world shorebird fauna. Also discussed are several biological and geographic factors influencing such things as shorebird distribution, migrational timing and movements, winter philopatry, and variation in sex and age ratios among populations of a species over different latitudinal sections of the Pacific coast. REG

Alaska

Shorebirds

Habitat, distribution, migration, age and sex composition

177. PITELKA, F.A., R.T. HOLMES, and S.F. MACLEAN, JR. 1974. Ecology and evolution of social organization in Arctic sandpipers. *Amer. Zool.* 14:185-204.

This paper presents a comparative analysis of sandpiper social systems on Arctic and subarctic breeding grounds (24 species in the family Scolopacidae). Four major patterns are recognized and their evolutionary development is discussed. REG

Arctic
Sandpipers
Taxonomy, behavior

178. PLOEGER, P.L. 1968. Geographical differentiation in Arctic Anatidae as a result of isolation during the last glaciation. *Ardea* 56:1-159.

This paper discusses geographical, **phytogeographical**, and **zoogeographical** evidence for differentiation in Anatidae during the last glaciation. It also compares geographical differentiation in the families Anatidae and Gaviidae, and in the genera Calidris and Tringa. NMH

Arctic
Bering Sea
Sandpipers
Zoogeography

179. PORTENKO, L. 1936. The Bar-tailed Godwit and its races. *Auk* 53:194-197.

The author proposes and describes a new race of godwit and compares it with the already known forms. Mention is made of several Alaska specimens. REG

Alaska
Bering Sea - Norton Sound, Pribilof Is.
Sandpipers
Bar-tailed Godwit
Taxonomy, plumage, distribution

180. PROCTOR, F.W. 1907. Exhibition of rare eggs from North America. Bull. Brit. Ornithol. Club 19:37.

A single egg of Baird's Sandpiper from Barrow is mentioned. (From Gabrielson and Lincoln, Birds of Alaska, 1959. Original not seen.) CMH

Arctic - Chukchi (Barrow)
Sandpipers
Baird's Sandpiper
Distribution, specimen record

181. RIDGWAY, R. 1874. Birds new to the fauna of North America. Am. Nat. 8:434-435.

This paper "records Falco gyrfalco and Numenius femoralis." (From Gabrielson and Lincoln, Birds of Alaska, 1959. Original not seen.) CMH

Sandpipers
Specimen record

182. RIDGWAY, R. 1880. On a new Alaskan sandpiper. Bull. Nutt. Ornithol. Club 5:160-163.

This paper presents detailed descriptions of Rock Sandpipers from specimens collected throughout the Aleutians and coastal Alaska north to St. Michael. Included is a description of the Pribilof Island subspecies. MRP

Aleutians
Bering Sea
Sandpipers
Rock Sandpiper
Taxonomy, plumage

183. RIDGWAY, R. 1886. Tringa damacensis (Horsf.) in Alaska; a sandpiper new to North America. Auk 3:275.

This is a short note on the collection of a specimen of this species (= Calidris subminuta) during the trip of the U.S. Revenue Cutter Corwin in 1885. REG

Bering Sea - Pribilof Is. (Otter Is.)
Sandpipers
Long-toed Stint
Distribution, specimen record

184. ROUDYBUSH, T., and C.R. GRAU. 1977. Yol k formation in some Pacific seabirds and shorebirds. Pac. Seabird Group Bull. 4(1):17-18. (Abstract)

The estimated number of days required for rapid yol k formation is reported for 14 species of birds. MRP

Bering Sea - Yukon Delta (Clarence Rhode NWR)

Sandpipers, phalaropes

Bar-tailed Godwit, Ruddy Turnstone, Western Sandpiper, Northern Phalarope, Red Phalarope

Physiology

185. ROUDYBUSH, T.E., C.R. GRAU, M.R. PETERSEN, D.G. AINLEY, K.V. HIRSCH, A.P. GILMAN, and S.M. PATTEN. 1979. Yol k formation in some Charadriiform birds. Condor 81:293-298.

The estimated number of days required for rapid yol k development is reported for 20 species. MRP

Bering Sea - Yukon Delta (Old Chevak)

Sandpipers, phalaropes

Bar-tailed Godwit, Ruddy Turnstone, Western Sandpiper, Northern Phalarope, Red Phalarope

Physiology

186. ROWAN, W. 1932. The status of the dowitchers with a description of a new subspecies from Alberta and Manitoba. Auk 49:14-35.

This paper addresses the **subspecific** status of North American dowitchers, primarily those forms from Canada, but including numerous specimens from Alaska. REG

Alaska

Sandpipers

Short-billed Dowitcher, Long-billed Dowitcher

Taxonomy, distribution, plumage

187. RYDER, R.A. 1957. Avian-pinniped feeding associations. Condor 59:68-69.

This note, based on observations during winter and summer 1953, describes the feeding association of nine species of marine birds with four species of pinnipeds. REG

Arctic
Bering Sea
Phalaropes
Red Phalarope
Food

188. SAFRIEL, U.N. 1971. Population study of the Semipalmated Sandpiper (Calidris pusilla) in Barrow, Alaska. Proc. Alaska Sci. Conf. 22:33. (Abstract)

This abstract briefly describes a four-year investigation of a breeding population of Semipalmated Sandpipers near Barrow. Aspects of the breeding biology are summarized. NMH

Arctic - Chukchi (Barrow)
Sandpipers
Semipalmated Sandpiper
Breeding biology, population dynamics, predation

189. SAFRIEL, U.N. 1975. On the significance of clutch size in nidifugous birds. Ecology 56:703-708.

This paper proposes and tests a model to determine factors governing clutch size in nidifugous birds. REG

Arctic - Chukchi (Barrow)
Sandpipers
Semipalmated Sandpiper
Reproduction, predation

190. SANGER, G.A. 1972. Preliminary standing stock and biomass estimates of seabirds in the subarctic Pacific region, pp. 581-611. In A. Yositada Takenouti (chief ed.), Biological Oceanography of the Northern North Pacific Ocean. Idemitsu Shoten, Tokyo.

Based upon observations at sea, the standing stock and biomass of seabirds are calculated and summarized by season and oceanographic domain for each ecological group of birds. Annual food consumption and nutrient transfer are estimated, and how seabirds fit into a simple, hypothetical food chain is discussed. CMH

Gulf of Alaska
North Pacific
Bering Sea
Phalaropes
Abundance, distribution, food

191. SAUER, E.G.F. 1962. Ethology and ecology of Golden Plovers on St. Lawrence Island, Bering Sea. Psychol. Forschung. 26:399-470.

Not reviewed.

Bering Sea - St. Lawrence Is.
Plovers
American Golden Plover

192. SAUER, E.G.F. 1963. Migration habits of Golden Plovers. Proc. Inter. Ornithol. Congr. 13:454-467.

The author hand-raised 10 Pluvialis dominica fulva from St. Lawrence Island to experimentally investigate migratory patterns and orientation abilities in the species. REG

Alaska
Bering Sea - St. Lawrence Is.
Plovers
American Golden Plover
Migration, physiology

193. SCHAMEL, D., and D. TRACY. 1977. Polyandry, replacement clutches, and site tenacity in the Red Phalarope (Phalaropus fulicarius) at Barrow, Alaska. *Bird-Banding* 48:314-324.

Data on multiple clutches and site tenacity in Red Phalaropes are discussed in relationship to the species' social system. REG

Arctic - Chukchi (Barrow)
Phalaropes
Red Phalarope
Breeding biology

194. SCHMIDT, G.D. 1969. Polymorphus petrochenkoi sp. n. (Acanthocephala) from the Red Phalarope, Phalaropus fulicarius L., in Alaska. *J. Parasitol.* 55:335-336.

This paper describes Polymorphus petrochenkoi sp. n. (a new species) from a Red Phalarope collected at St. Lawrence Island. MRP

Bering Sea - St. Lawrence Is.
Phalaropes
Red Phalarope
Disease and parasites

195. SCHMIDT, G.D., and K.A. NEILAND. 1968. Hyemolepia deblocki sp. n., and records of other helminths from Charadriiform birds. *Can. J. Zool.* 46:1037-1040.

The authors describe the occurrence of cestodes and trematodes found in five species of shorebirds collected in Bristol Bay in 1960. CMH

Bering Sea - Bristol Bay (Kivi chak Bay)
Sandpipers
Greater Yellowlegs, Black Turnstone, Short-billed Dowitcher,
Semipalmated Sandpiper, Dunlin
Disease and parasites

196. SENNER, S.E. 1977. The ecology of Western Sandpipers and Dunlins during spring migration through the Copper-Bering River Delta system, Alaska. M.S. thesis. Univ. Alaska, Fairbanks. 108 pp.

This thesis presents information on the food habits, feeding ecology, and habitat use of Western Sandpipers and Dunlin during spring migration. MRP

Gulf of Alaska - Copper River (Copper R. Delta)
Sandpipers
Western Sandpiper, Dunlin
Food, habitat, migration

197. SENNER, S. 1977. Food habits of migrant Dunlins and Western Sandpipers on the Copper River Delta, Alaska, pp. 576-592. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 4. NOAA, Environ. Res. Lab., Boulder, Colo.

This presents a preliminary analysis of stomach contents of spring migrant Dunlin and Western Sandpipers. Live-trapping techniques are described and evaluated. Included in an appendix are selected observations of spring and fall migration for 45 species of birds. CMH

Gulf of Alaska - Copper River (Copper R. Delta)
Shorebirds
Western Sandpiper, Dunlin
Food, migration, techniques, annotated list

198. SENNER, S.E. 1979. An evaluation of the Copper River Delta as critical habitat for migrating shorebirds. Stud. Avian Biol. 2:131-145.

Migration strategies of Dunlin and Western Sandpipers are compared with reference to their use of the Copper River Delta as a stopover and staging area in spring. REG

Gulf of Alaska - Copper River (Copper R. Delta)
Sandpipers
Western Sandpiper, Dunlin
Migration, food, habitat

199. SENNER, S. E., and P. G. MICKELSON. 1979. Fall foods of Common Snipe on the Copper River Delta, Alaska. *Can. Field-Nat.* 93: 171-172.

This paper reports the foods eaten by 22 Common Snipe collected on the Copper River Delta. MRP

Gulf of Alaska - Copper River (Copper R. Delta)
Sandpipers
Common Snipe
Food

200. SENNER, S., and D. W. NORTON. 1976. Shorebird migration and oil development in the Copper River Delta area. *Proc. Alaska Sci. Conf.* 27:179. (Abstract)

The importance of the Copper River Delta to migrant shorebirds is outlined, and the impact oil exploration will have on the region is discussed. An investigation of the physiological conditions of migrant Western Sandpipers and Dunlins is mentioned. NMH

Gulf of Alaska - Copper River (Copper R. Delta)
Shorebirds, sandpipers
Western Sandpiper, Dunlin
Pollution, migration, food, physiology, habitat

201. SENNER, S. E., and D. W. NORTON. 1979. Shorebirds and oil development in the Copper River Delta area, Alaska, pp. 288-295. *In* D. W. Norton (ed.), *Science in Alaska, Proc. 27th Alaska Sci. Conf.*, Fairbanks, August 4-7, 1976. Vol. 2.

Not reviewed.

Gulf of Alaska - Copper River (Copper R. Delta)
Shorebirds
Pollution

202. SENNER, S. E., and G.C. WEST. 1978. Nutritional significance of Copper-Bering intertidal system to spring-migrating shorebirds breeding in western Alaska. Unpublished final report. Institute of Arctic Biology, Univ. Alaska, Fairbanks. 63 pp.

This report compares the strategies of Dunlin and Western Sandpipers during spring migration through the Copper-Bering River Delta, with emphasis on the nutritional and physiological aspects. Potential effects of petroleum development are discussed. CMH

Gulf of Alaska - Copper River (Copper-Bering R. Delta), Cook Inlet (Kachemak Bay)

Sandpipers

Western Sandpipers, Dunlin

Migration, food, physiology, habitat, pollution

203. SPRINGER, A.M. 1975. Observations on the summer diet of Rough-legged Hawks from Alaska. Condor 77:338-339.

This presents an analysis of pellets and remains found near nests of Rough-legged Hawks on the Seward Peninsula. Six species of birds were identified as prey, including the American Golden Plover. CMH

Arctic - Kotzebue Sound

Plovers

American Golden Plover

Predation

204. STEELE, G.G., and W.H. DRURY. 1977. Birds of coastal habitats on the south shore of the Seward Peninsula, Alaska, pp. 1-178. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 3. NOAA, Environ. Res. Lab., Boulder, Colo.

Detailed information is provided on distribution, abundance, and reproductive and feeding ecology of seabirds in the Norton Sound region. Maps depicting waterfowl densities along the coast in fall are presented, along with some brood counts. Shorebirds are discussed in general terms. CMH

Bering Sea - Norton Sound

Shorebirds

Habitat, management

205. STEPHENSON, R.O. 1970. A study of the summer food habits of the arctic fox on St. Lawrence Island, Alaska. M.S. thesis. Univ. Alaska, College. 75 pp.

This presents results of a study of the food habits of arctic foxes denning in lowland tundra and sea cliff habitats. Over 1,500 scats were analyzed from 24 dens. The composition of the diet is discussed in relation to availability of prey species.
CMH

Bering Sea - St. Lawrence Is.
Shorebirds
Predation

206. STONE, W. 1897. On the annual molt of the Sanderling. Proc. Acad. Nat. Sci. Phila. 1897:368-372.

The author refers to four specimens from Alaska. REG

Alaska
Sandpipers
Sanderling
Specimen record, plumage

207. SWARTH, H.S. 1927. The Rufous-necked Sandpiper in Alaska. Condor 29: 274.

This note is an explanation of the author's exclusion of pertinent references from a previously published paper (Condor 29:200, 1927). REG

Bering Sea
Sandpipers
Rufous-necked Sandpiper
Distribution

208. SWARTH, H. S. 1927. The Rufous-necked Sandpiper on St. Paul, Pribilof Islands. Condor 29:200-201.

A specimen of Rufous-necked Sandpiper taken on St. Paul Island is noted. NMH

Bering Sea - Pribilof Is. (St. Paul Is.)
Sandpipers
Rufous-necked Sandpiper
Distribution, specimen record

209. SWARTH, H.S. 1928. Occurrence of some Asiatic birds in Alaska. *Proc. Calif. Acad. Sci.* 57:247-251.

This brief note lists five species of Asiatic birds collected on Nunivak Island. Included are Mongolian Plover, Bullfinch, Japanese Water Pipit, Middendorff's Grasshopper Warbler, and Siberian Accentor. MRP

Bering Sea - Nunivak Is.
Plovers
Mongolian Plover
Distribution, specimen record

210. SWARTH, H.S. 1935. Systematic status of some northwestern birds. *Condor* 37:199-204.

Addressing plumage, measurements, distribution, and migratory routes, the author examines the systematic status of four species of birds, including the Solitary Sandpiper. CMH

Gulf of Alaska
Sandpipers
Solitary Sandpiper
Taxonomy, plumage, anatomy, distribution, migration

211. SWENK, M.H. 1916. The Eskimo Curlew and its disappearance. *Smithson. Ann. Rep.* 1915:325-340.

This provides an "account of breeding grounds including Alaska; its migration southward; its excessive slaughter and need for protection in the United States." (From Gabrielson and Lincoln, *Birds of Alaska*, 1959. Original not seen.) CMH

Alaska
Sandpipers
Eskimo Curlew
Distribution, management, migration

212. TAVERNER, P.A. 1940. The distribution of the western Solitary Sandpi per. Condor 42:215-217.

This paper discusses breeding distribution and includes specimen data from three sites in Alaska. Characteristics distinguishing Tringa solitaria solitaria and T. s. cinnamomea are discussed.

REG

Arctic
Interior
Sandpi pers
Solitary Sandpi per
Di stri buti on, taxonomy, specimen record

213. TAYLOR, J.W. 1969. Sharp-tailed Sandpi per and Palm Warbler in Al aska. Wilson Bull. 81:337-338.

The author provides details of a sighting of four adult sandpi pers near Kivalina in late June 1967. REG

Arctic - Kotzebue Sound (Kivalina)
Sandpi pers
Sharp-tailed Sandpi per
Di stri buti on

214. THAYER, J.E. 1909. Limonites ruficollis in Alaska. Condor 11:173.

Details of the first specimen of this species from Alaska are given. REG

Bering Sea - Norton Sound (Nome)
Sandpi pers
Rufous-necked Sandpi per
Di stri buti on, specimen record

215. THOMPSON, M.C. 1970. Band wear in Ruddy Turnstones. Bird-Bandi ng 41:241-242.

Because of band wear observed on Ruddy Turnstones, the author suggests incoloy bands be used on shorebirds in place of aluminum or monel bands. REG

Bering Sea - Pribilof Is.
Sandpi pers
Ruddy Turnstone
Techni ques

216. THOMPSON, M.C. 1973. Migratory patterns of Ruddy Turnstones in the central Pacific region. Living Bird 12:5-23.

This paper, based largely on band returns, discusses the migration and wintering areas of this species. Considerable mention is made of feeding habits and habitat use. REG

Bering Sea - Pribilof Is.
Sandpipers
Ruddy Turnstone
Migration, food, behavior, habitat

217. THOMPSON, M.C., and R.L. DELONG. 1967. The use of cannon and rocket-projected nets for trapping shorebirds. Bird-Banding 38:214-218.

The authors describe how they set up and successfully used projected nets for trapping Ruddy Turnstones on the Pribilof Islands. Over 17,000 birds were trapped, including birds of 10 other species captured incidentally. Suggestions are provided for reducing mortality. CMH

Bering Sea - Pribilof Is.
Plovers, sandpipers, phalaropes
Ruddy Turnstone
Techniques

218. THOMPSON, M.C., and R.L. DELONG. 1969. Birds new to North America and the Pribilof Islands, Alaska. Auk 86:747-749.

Four species new to North America and 11 new to the Pribilof Islands were recorded during summer field seasons from 1964 to 1968. Dates of observations and specimen data are presented. MRP

Bering Sea - Pribilof Is.
Plovers, sandpipers
Mongolian Plover, Black-bellied Plover, Far Eastern Curlew,
Common Sandpiper, Red Knot, Temminck's Stint, Stilt
Sandpiper, Buff-breasted Sandpiper
Annotated list, specimen record, distribution

219. TODD, W.E.C. 1953. A taxonomic study of the American Dunlin. J. Wash. Acad. Sci. 43:85-88.

This paper summarizes the taxonomic history of the American Dunlin, and proposes recognition of three races in North America: Calidris alpina arctica, C. a. pacifica, and C. a. hudsonia. CMH

Alaska
Sandpipers
Dunlin
Taxonomy, plumage

220. VAN CLEAVE, H. J., and R.L. RAUSCH. 1950. A new species of the Acanthocephalan genus Arhythmorhynchus from sandpipers of Alaska. J. Parasitol. 36:278-283.

This paper describes the occurrence of Arhythmorhynchus in 16 species of shorebirds from North America, including 14 species collected in Alaska. MRP

Alaska
Plovers, sandpipers
Disease and parasites

221. VAN VELZEN, W.T. 1963. Sight records of Miltlets in Alaska. Condor 65:167.

The author describes the sightings of two birds in early August 1961. REG

Interior - Tanana (Minto Lakes)
Sandpipers
Willet
Distribution

- 222* WALKER, W. 1977. Chlorinated hydrocarbon pollutants in Alaskan Gyrfalcons and their prey. Auk 94:442-447.

As part of a study on chlorinated hydrocarbon pollutants in Gyrfalcons, whole body DDE residues of Long-tailed Jaegers, American Golden Plovers, and Whimbrels are presented. MRP

Norton Sound
Plovers, sandpipers
American Golden Plover, Whimbrel
Pollution

223. WALKINSHAW, L.H. 1948. Nestings of some shorebirds in western Alaska. Condor 50:220-223.

Notes on five species of shorebirds nesting near Johnson River are presented. REG

Bering Sea - Yukon Delta (Bethel)

Plovers, sandpipers, phalaropes

American Golden Plover, Black-bellied Plover, Hudsonian Godwit,

Western Sandpiper, Northern Phalarope

Distribution

224. WARBURTON, S., JR. 1930. Nesting of the Pacific Godwit. Murrelet 11:3-6.

During the summer of 1929, the author followed three nesting pairs of godwits. His observations appear here in narrative form. REG

Bering Sea - Yukon Delta (Kwiguk Pass)

Sandpipers

Bar-tailed Godwit

Breeding biology, habitat, behavior

225. WEBSTER, J.D. 1941. The breeding of the Black Oystercatcher. Wilson Bull. 53:141-156.

The author presents a detailed account of the breeding biology of this species from the Sitka region. Observations are primarily of five pairs of birds studied during 1940. REG

Gulf of Alaska - Southeastern (Sitka, Kayak Is.)

Oystercatchers

Black Oystercatcher

Breeding biology

226. WEBSTER, J.D. 1941. Feeding habits of the Black Oystercatcher. Condor 43:175-180.

The prey items, their distribution, and the feeding methods of this species are described. Data on stomach contents were obtained from 12 individuals collected between March and September 1940. REG

Gulf of Alaska - Southeastern (Sitka Sound)

Oystercatchers

Black Oystercatcher

Food

227. WEBSTER, J.D. 1942. Notes on the growth and plumages of the Black Oyster-catcher. Condor 44:205-211.

The plumages of the species, from downy to adult, are described. Some morphometric data are presented. REG

Gulf of Alaska - Southeastern (Sitka)
Oystercatchers
Black Oystercatcher
Growth, plumage

228. WEBSTER, J.D. 1943. The downy young of oyster-catchers. Wilson Bull. 55:40-45.

The taxonomy of the oystercatcher clan is examined by comparing the plumage patterns and colors of the downy young of several species. NMH

Alaska
Oystercatchers
Black Oystercatcher
Taxonomy, plumage

229. WEBSTER, J.D. 1951. Corrections concerning data on Alaskan birds. Condor 53:54.

This note offers corrections and additions to seashore invertebrates listed in the author's previous papers (Condor 43:175-180; and Wilson Bull. 53:141-156) on the Black Oyster-catcher in Alaska. REG

Gulf of Alaska - Southeastern
Oystercatchers
Black Oystercatcher
Food

230. WEEDEN, R.B. 1959. A new breeding record of the Wandering Tattler in Alaska. Auk 76:230-232.

The author presents observations on nesting tattlers near Eagle Creek, Alaska. REG

Interior - Upper Yukon (Eagle Creek)
Sandpipers
Wandering Tattler
Distribution, breeding biology

231. WEEDEN, R.B. 1965. Further notes on Wandering Tattlers in central Alaska. Condor 67:87-89.

This note provides observations on the nesting of this shorebird. REG

Interior - Upper Yukon (Eagle Creek)
Sandpipers
Wandering Tattler
Breeding biology, habitat

232. WEEDEN, R.B. 1965. Killdeer nests at Mansfield Lake. Bul 1. Alaska Ornithol. Soc. 5:10. (Mimeo)

Not reviewed.

Interior - Tanana (Mansfield L.)
Plovers
Killdeer
Distribution

233. WEHLE, D.H.S. 1978. Studies of marine birds on Ugaiushak Island, pp. 208-312. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, vol. 3. NOAA, Environ. Res. Lab., Boulder, Colo.

This report summarizes results of studies conducted in 1977 on the marine birds of Ugaiushak Island. Abundance, phenology, and production are addressed for each of 15 species. Information on foods and foraging areas, chick growth, relaying and twinning experiments, and colony attendance is presented for some. CMH

Gulf of Alaska - Kodiak (Ugaiushak Is.)
Oystercatchers
Black Oystercatcher
Reproduction, abundance, habitat

234. WEHLE, H., E. HOBERG, and K. POWERS. 1977. Studies of marine birds on Ugaiushak Island, pp. 155-277. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 4. NOAA, Environ. Res. Lab., Boulder, Colo.

This reports on the populations, breeding biology, food habits, and foraging areas of 21 species in summer 1976. A daily checklist of the 50 species observed on the island is appended. CMH

Gulf of Alaska - Kodiak (Ugaiushak Is.)
Shorebirds, oystercatchers
Black Oystercatcher
Abundance, reproduction, checklist

235. WHITE, C.M. 1974. Tringa glareola - a new breeding species for North America. Auk 91:175-177.

Three downy Wood Sandpipers found on Amchitka Island on July 2, 1969, establish the breeding status of this species in North America. REG

Alutians - (Amchitka Is.)
Sandpipers
Wood Sandpiper
Distribution

236. WIENS, J.A., D. HEINEMANN, and W. HOFFMAN. 1978. Community structure, distribution and interrelationships of marine birds in the Gulf of Alaska, pp. 1-178. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 3. NOAA, Environ. Res. Lab., Boulder, Colo.

The first part of this report discusses in detail the problems associated with censusing marine birds at sea. Current techniques are compared by computer simulations. A new survey technique is described and the results of pelagic surveys using the new technique are presented. The second part discusses the formation and characteristics of feeding flocks, particularly those which contain more than one species. Phalaropes are mentioned only secondarily. PJG

Gulf of Alaska
Phalaropes
Red Phalarope
Techniques, behavior, food, abundance

237. WILKE, F. 1944. Three new bird records for St. Paul Island, Alaska. Auk 61:655-656.

This note provides the first records of the Whooper Swan, Black Scoter, and Sanderling for the Pribilof Islands. Other species are mentioned. CMH

Bering Sea - Pribilof Is.

Plovers, sandpipers, phalaropes

American Golden Plover, Wandering Tattler, Black Turnstone, Sanderling, Rock Sandpiper, Red Phalarope

Distribution, specimen record

238. WILLIAMS, R.B. 1950. Sharp-tailed Sandpiper in Alexander Archipelago, southeastern Alaska. Condor 52:164.

The first specimen of this species from southeastern Alaska is described. REG

Gulf of Alaska - Southeastern (Douglas Is.)

Sandpipers

Sharp-tailed Sandpiper

Distribution, specimen record

239. WILLIAMSON, F.S.L., and M.A. SMITH. 1964. The distribution and breeding status of the Hudsonian Godwit in Alaska. Condor 66:41-50.

All records of the Hudsonian Godwit in Alaska are summarized. The breeding distribution and timing and routes of migration are discussed. REG

Alaska

Sandpipers

Hudsonian Godwit

Distribution, migration

SHOREBIRDS - AREA INDEX

ALASKA, GENERAL: 2, 16, 17, 18, 20, 21, 25, 29, 40, 41, 43, 44, 45, 48,
51, 59, 60, 78, 95, 97, 129, 130, 133, 138, 143, 144, 173, 174, 176,
179, 186, 192, 206, 211, 219, 220, 228, 239

ALEUTIANS: 22, 47, 49, 75, 125, 135, 182, 235

ARCTIC: 15, 27, 61, 89, 117, 152, 159, 160, 177, 178, 187, 212

Beaufort: 13, 31, 34, 36, 37, 38, 39, 53, 54, 64, 81, 86, 99, 113
122, 123, 142

Chukchi: 1, 6, 7, 8, 12, 13, 19, 32, 35, 36, 37, 38, 39, 52, 55, 58
60, 64, 74, 85, 90, 91, 99, 101, 102, 103, 104, 109, 110, 111,
114, 126, 136, 137, 139, 150, 151, 153, 154, 158, 161, 162, 163,
164, 165, 175, 180, 188, 189, 193

Kotzebue Sound: 30, 38, 39, 124, 203, 213

BERING SEA: 3, 42, 178, 182, 187, 190, 207

Norton Sound: 8, 9, 10, 11, 23, 24, 26, 65, 86, 87, 92, 155, 156,
179, 204, 214, 222

Yukon Delta: 4, 26, 28, 67, 69, 71, 77, 88, 96, 98, 103, 104, 105,
106, 107, 108, 112, 127, 132, 170, 184, 185, 223, 224

Bristol Bay: 26, 63, 76, 77, 79, 80, 94, 195

Bering Sea Islands: 33, 46, 50, 66, 68, 70, 72, 73, 83, 84, 93, 116,
121, 172, 179, 183, 191, 192, 194, 205, 208, 209, 215, 216, 217,
218, 237

GULF OF ALASKA: 190, 210, 236

Kodiak: 14, 71, 134, 140, 166, 167, 169, 233, 234

Cook Inlet: 115, 202

Copper River: 119, 120, 145, 196, 197, 198, 199, 200, 201, 202

Prince William Sound: 119, 120, 128, 168

Southeastern Alaska: 82, 131, 141, 225, 226, 227, 229, 238

INTERIOR ALASKA: 212

Tanana: 56, 57, 148, 165, 171, 221, 232

Koyukuk: 30, 118

Upper Yukon: 30, 62, 230, 231

NORTH PACIFIC: 3, 22, 146, 190

SHOREBIRDS - SPECIES INDEX

SHOREBIRDS, GENERAL: 2, 15, 16, 17, 18, 27, 34, 35, 36, 37, **38**, 39, 51, 59, 61, 80, 99, 119, 120, 122, 123, 129, 130, 133, 134, 139, 143, 154, 168, 176, 201, 204, 205, 234

OYSTERCATCHERS: 21

Black Oystercatcher: 14, 63, 134, 140, 141, 146, 149, 166, 167, 168, 225, 226, 227, 228, 229, 233, 234

PLOVERS: 21, 79, 217, 220

Semipalmated Plover: 81, 94, 112, 145, 167, 168

Little Ringed Plover: 169

Killdeer: 232

Mongolian Plover: 49, 69, 71, 209, 218

American Golden Plover: **9**, 14, **22**, 44, 62, 64, 81, 95, 112, 124, 151, 157, 191, 192, 203, 222, 223, 237

Black-bellied Plover: 60, 218, **223**

Dotterel: 9, 10, 66

SANDPIPERS AND ALLIES: 20, 21, 47, 79, 113, 136, 160, 177, 178, 181, 217, 220

Black-tailed Godwit: 125

Hudsonian Godwit: 13, 88, 115, 223, 239

Bar-tailed Godwit: 50, 85, 179, 184, 185, 224

Whimbrel: 11, 12, 23, 71, 73, 222

Bristle-thighed Curlew: 4, 132

Far Eastern Curlew: 218

Eskimo Curlew: 211

Upland Sandpiper: 30, 121

Greater **Yellowlegs:** 195

Lesser **Yellowlegs:** 14, 121

Solitary Sandpiper: 43, 210, 212

Wood Sandpiper: 135, 235

Millet: 221

Common Sandpiper: 218

Spotted Sandpiper: 60, 82, 96, 157

Polynesian Tattler: 68, 75

Wandering Tattler: 14, 57, 75, 147, 148, 171, 230, 231, 237

Ruddy Turnstone: 24, 45, 49, 64, 83, 131, 184, 185, 215, 216, 217

Black Turnstone: 14, 112, 195, 237

Common Snipe: 75, 145, **199**

Short-billed **Dowitcher:** 26, 40, 145, 170, 173, 174, 186, 195

Long-billed Dowitcher: 23, 26, 40, 72, 86, 170, 173, 174, 186

Surfbird: 56, 69, 148

Red Knot: 41, 218

Great Knot: 8

Sanderling: 49, 60, 206, 237

Semipalmated Sandpiper: 6, 7, 32, 53, 64, 89, 111, 118, 137, 142,
 162, 163, 164, 165, 188, 189, 195
 Western Sandpiper: 14, 28, 76, 77, 78, 105, 107, 108, 112, 124, 184,
 185, 196, 197, 198, 200, 202, 223
 Rufous-necked Sandpiper: 8, 65, 87, 207, 208, 214
 Temmink's Stint: 218
 Long-toed Stint: 183
 Least Sandpiper: 112, 145
 White-rumped Sandpiper: 109
 Baird's Sandpiper: 32, 54, 82, 111, 126, 137, 162, 163, 180
 Pectoral Sandpiper: 32, 67, 109, 111, 114, 126, 137, 153, 156, 162,
 163, 175
 Sharp-tailed Sandpiper: 127, 213, 238
 Rock Sandpiper: 42, 46, 77, 84, 172, 182, 237
 Dunlin: 1, 14, 25, 29, 45, 60, 64, 76, 77, 78, 93, 100, 101, 102,
 103, 104, 106, 111, 137, 138, 145, 151, 158, 159, 161, 162, 163,
 195, 196, 197, 198, 200, 202, 219
 Curlew Sandpiper: 5, 110
 Spoon-bill Sandpiper: 19, 49, 55, 92
 Broad-billed Sandpiper: 49
 Stilt Sandpiper: 218
 Buff-breasted Sandpiper: 31, 152, 218
 Ruff: 49, 70, 74

PHALAROPES: 3, 20, 48, 79, 90, 91, 97, 190, 217
 Northern Phalarope: 14, 33, 96, 98, 112, 113, 122, 123, 128, 144,
 145, 155, 184, 185, 223
 Red Phalarope: 32, 52, 58, 96, 113, 116, 117, 122, 123, 144, 150,
 151, 153, 184, 185, 187, 193, 194, 236, 237

SHOREBIRDS - SUBJECT INDEX

ABUNDANCE: 14, 18, 20, 21, 23, 36, 37, 38, 39, 51, 79, 80, 84, 100, 105,
 112, 116, 120, 122, 123, 127, 129, 134, 140, 141, 145, 146, 154, 166,
 168, 190, 233, 234, 236

AGE AND SEX COMPOSITION: 176

ANATOMY: 31, 42, 89, 114, 138, 174, 210

ANNOTATED LIST: 67, 121, 166, 168, 197, 218

BEHAVIOR: 6, 7, 20, 21, 28, 32, 33, 51, 53, 55, 57, 74, 84, 91, 104, 108,
 109, 110, 148, 152, 156, 160, 163, 172, 175, 177, 216, 224, 236

BREEDING BIOLOGY: 6, 19, 20, 21, 28, 51, 53, 54, 55, 56, 57, 98, 100,
 101, 105, 106, 107, 110, 140, 145, 162, 175, 188, 193, 224, 225, 230,
 231

CHECKLIST: 38, 39, 83, 134, 145, 154, 234

DI SEASE AND PARASITES: 194, 195, 220

DI STRI BUTI ON: 4, 5, 8, 9, 10, 11, 12, 13, 18, 19, 20, 21, 22, 29, 30, 31,
37, 40, 41, 42, 43, 44, 45, 49, 50, 51, 55, 57, 63, 65, 66, 67, 68,
69, 70, 71, 72, 73, 74, 75, 77, 79, 80, 82, 84, 85, 86, 87, 88, 92,
96, 105, 112, 115, 121, 125, 127, 129, 131, 132, 135, 138, 140, 141,
142, 144, 145, 146, 147, 148, 149, 169, 170, 171, 173, 174, 176, 179,
180, 183, 186, 190, 207, 208, 209, 210, 211, 212, 213, 214, 218, 221,
223, 230, 232, 235, 237, 238, 239

DI STURBANCE, EFFECTS OF: 27, 34, 35, 38, 39, 78, 122

FI SHI NG, EFFECTS OF: 18

FOOD: 3, 7, 18, 20, 21, 36, 37, 38, 39, 48, 51, 52, 56, 58, 62, 80, 84,
90, 91, 99, 102, 104, 111, 113, 117, 122, 123, 134, 137, 139, 145,
146, 175, 187, 190, 196, 197, 198, 199, 200, 202, 216, 226, 229, 236

GROWTH: 159, 227

HABI TAT: 4, 18, 20, 21, 34, 35, 36, 37, 38, 39, 51, 55, 78, 79, 80, 84,
104, 112, 113, 120, 122, 123, 128, 129, 132, 134, 141, 145, 146, 148,
153, 154, 163, 176, 196, 198, 200, 202, 204, 216, 224, 231, 233

MANAGEMENT: 16, 17, 18, 27, 34, 59, 113, 130, 133, 145, 204, 211

MI GRATI ON: 20, 21, 31, 38, 50, 51, 64, 76, 77, 78, 79, 80, 81, 89, 95,
101, 103, 107, 119, 120, 122, 123, 124, 129, 142, 145, 151, 155, 161,
165, 174, 176, 192, 196, 197, 198, 200, 202, 210, 211, 216, 239

MORTALI TY: 18

PHYSI OLOGY: 7, 32, 38, 118, 122, 123, 124, 137, 150, 151, 159, 163, 184,
185, 192, 200, 202

PLUMAGE: 20, 21, 25, 31, 40, 42, 43, 44, 51, 55, 56, 60, 75, 92, 103,
106, 107, 127, 128, 138, 148, 174, 179, 182, 186, 206, 210, 219, 227,
228

POLLUTI ON: 18, 27, 34, 35, 37, 38, 39, 48, 78, 83, 113, 129, 130, 140,
143, 200, 201, 202, 222

POPULATI ON: 18, 59, 104, 175, 188

PREDATI ON: 18, 145, 188, 189, 203, 205

PUBLI C I NTEREST: 119

REPRODUCTI ON: 4, 7, 84, 94, 112, 134, 137, 145, 146, 166, 167, 168, 189,
233, 234

RESEARC H: 3, 16, 17, 18, 27, 59, 113, 141, 143

SPECIMEN RECORD: 1, 2, 8, 9, 10, 11, 12, 13, 19, 24, 26, 46, 47, 49, 55,
65, 66, 67, 68, 69, 70, 71, 72, 73, 82, 85, 86, 87, 88, 92, 93, 115,
125, 126, 135, 144, 149, 157, 169, 180, 181, 183, 206, 208, 209, 212,
214, 218, 237, 238

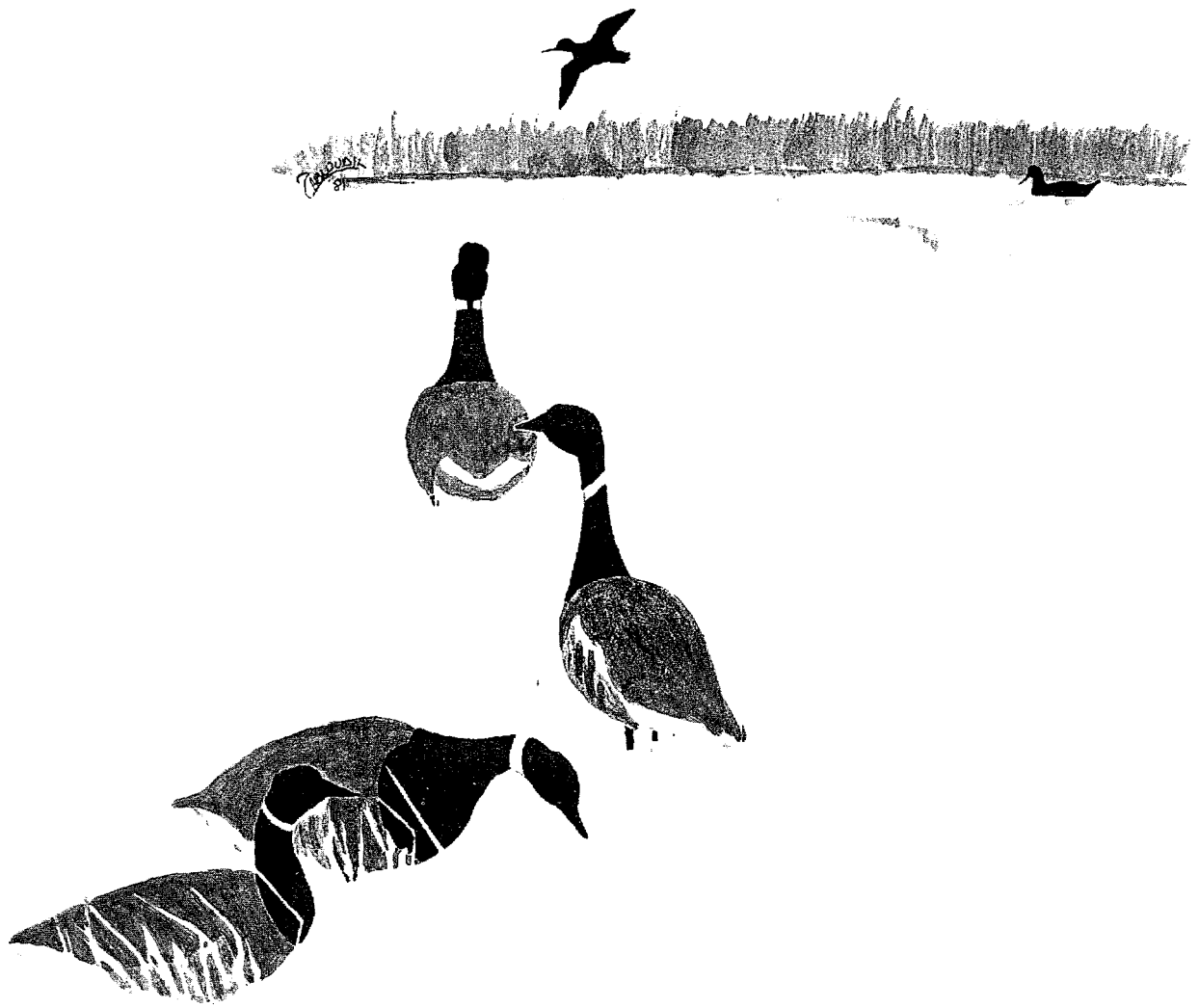
STATUS : 18, 20, 21, 30, 51, 141, 145

SUBSISTENCE USE: 84

TAXONOMY: 18, 25, 26, 29, 40, 41, 42, 45, 46, 51, 55, 93, 109, 110, 138,
163, 170, 173, 174, 177, 179, 182, 186, 210, 212, 219, 228

TECHNIQUES: 15, 159, 197, 215, 217, 236

ZOOGEOGRAPHY: 18, 178



AVI FAUNA - BIBLIOGRAPHY

- 10 ABRAHAM, K.F. 1975. Waterbirds and oil-contaminated ponds at Point Storkersen, Alaska. M.S. thesis. Iowa State Univ., Ames. 39 pp.

This thesis provides information on bird populations and habitat use, and evaluates the immediate effects of crude oil contamination on aquatic macroinvertebrate and bird activity. MRP

Arctic - Beaufort (Pt. Storkersen)
Shorebirds, seabirds, waterfowl
Abundance, distribution, pollution, management

2. ABRAHAM, K.F., and D.V. DERKSEN. 1975. Investigations of Arctic Coastal Plain Avifauna. Trans-Alaska Pipeline Investigations. Unpublished progress report. U.S. Fish and Wildl. Serv., Office of Special Studies, Anchorage, Alaska. 9 pp.

The authors report possible problems confronting birds from petroleum development on Alaska's North Slope. Densities of birds using the area are presented, and the effects on birds of oil on coastal ponds are discussed. MRP

Arctic - Beaufort (Storkersen Pt.)
Shorebirds, seabirds, waterfowl
Abundance, distribution, pollution

3. ADAMS, E. 1878. Notes on the birds of Michalaski, Norton Sound. Ibis 1878:420-442.

This paper presents annotated accounts of 43 species of birds observed in the area of St. Michael. Included are 7 species of seabirds, 15 species of waterfowl, and 8 species of shorebirds. MRP

Bering Sea - Norton Sound (St. Michael)
Shorebirds, seabirds, waterfowl, other
Annotated list

4. ALASKA DEPARTMENT OF FISH AND GAME. 1973. Alaska's Wildlife and Habitat, Vol. 1. Van Cleve Printing, Anchorage, Alaska. 144 pp. + 564 maps.

This volume summarizes data on the distribution and habitat use of game mammals, marine mammals, waterfowl, and seabirds. Very general species accounts are presented for seabirds and waterfowl. Maps show breeding, molting, and wintering areas and broad migration routes for the two bird groups combined. CMH

Alaska
Seabirds, waterfowl
Public interest, management, distribution

5. ALASKA DEPARTMENT OF FISH AND GAME. 1978. Alaska's Wildlife and Habitat, Vol. 2. Print Northwest, Tacoma, Washington. 69 pp + maps 1A - 153C.

This volume describes the distribution of the furbearers, small game birds and mammals, raptors, and seabirds within each game management unit. Maps show locations of seabird colonies; lists of the species at each site are presented and cross-referenced to the "Catalog of Alaskan Seabird Colonies" (Sowls et al. 1978). CMH

Alaska
Seabirds, other
Public interest, management, distribution

6. ALLEN, A.A. 1950. The bird fauna of Alaska. Proc. Alaskan Sci. Conf. Bull. Nat. Res. Council 122:102-103. (Summary)

This is a summary of a paper giving an account and the importance of "invasion of Old World species in Alaska." (From Gabrielson and Lincoln, Birds of Alaska, 1959. Original not seen.) CMH

Alaska
Zoogeography

- 7* ANCHORAGE AUDUBON SOCIETY, INC. 1979. *Birds of Anchorage, Alaska. A Checklist.* 7 pp.

This is a checklist of 177 species identified from the greater Anchorage area. The status, relative abundance, and seasonal occurrence of each species are given and seven of the best areas in which to look for the birds are described. REG

Gulf of Alaska - Cook Inlet (Anchorage)
Shorebirds, seabirds, waterfowl, other
Checklist

8. ANDERSON, R.M. 1913. Report on the natural history collections of the expedition, pp. 436-527. In V. Stefansson, *My Life with the Eskimos.* MacMillan Co., New York.

A complete annotated list of birds encountered and collected on the Arctic expedition is presented. NMH

Arctic - Beaufort
Shorebirds, seabirds, waterfowl, other
Annotated list

9. ANDERSON, R.M. 1915. Canadian Arctic Expedition, 1913-14. Can. Dept. Mines, *Summ. Rept. Geol. Survey 1914, Sess. Paper 26 (1503):163-166.*

The specimens collected during the Canadian Arctic Expedition of 1913-14 are listed. NMH

Arctic - Beaufort
Shorebirds, seabirds, waterfowl, other
Specimen record, checklist

10. ANDERSON, R.M. 1917. Canadian Arctic Expedition, 1916 - zoology. Can. Dept. Mines, *Summ. Rept. Geol. Survey 1916, Sess. Paper 226 (1684):374-384.*

A note outlining the route travelled on the Arctic expedition of 1915-1916 is followed by a list of specimens collected. NMH

Arctic - Beaufort
Shorebirds, seabirds, waterfowl, other
Specimen record, checklist

11. ANDERSON, R. M., and P.A. TAVERNER. 1919. Birds of Western Arctic America. Can. Arctic Expedition, 1913 - 1918, Rep. , Vol. 2, Part B, Ottawa.

Not reviewed.

Arctic - **Chukchi**, Beaufort

12. ANDERSSON, M. 1973. Birds of Nuvagapak Point, northeastern Alaska. Arctic 26:186-197.

This paper reports on 52 species of birds observed between June 12 and July 4, 1970, near Nuvagapak Point, in the Arctic National Wildlife Range. An annotated species list includes information on habitat use, breeding biology, and density. MRP

Arctic - Beaufort (Nuv agapak Pt.)

Shorebirds, seabirds, waterfowl, other

Annotated list, abundance, breeding biology, predation

13. ANTHONY, A.W. 1906. Stray notes from Alaska. Auk 23:179-184.

This note gives an account of spring migration of birds to the Seward Peninsula in 1905. First dates of observations are presented for 13 species of water birds. MRP

Bering Sea - Norton Sound

Shorebirds, seabirds, waterfowl, other

Migration

14. ARCTIC INSTITUTE OF NORTH AMERICA. 1974. The Alaskan Arctic Coast: A Background Study of Available Knowledge. U.S. Dept. Army, Corps Eng., Anchorage, Alaska. 551 pp.

This report includes a chapter on birds, which summarizes available information on their seasonal occurrence, habitat use, population densities, and migration. Most of the discussion is general, but a checklist synthesized from various sources provides information on general areas of occurrence and nesting area affinities for 163 species. CMH

Arctic - **Chukchi**, Beaufort

Shorebirds, seabirds, waterfowl, other

Habitat, abundance, migration, checklist

15. ARNESON, P.D. 1976. Identification, documentation and delineation of coastal migratory bird habitat in Alaska, pp. 1-54. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports from Principal Investigators, Vol. 2. NOAA, Environ. Res. Lab., Boulder, Colo.

This report provides preliminary results of a study evaluating the importance of coastal habitats of Bristol Bay and the Gulf of Alaska to birds. Included are a summary of the total numbers of birds censused on several aerial surveys, plus a breakdown of the amount of each habitat type available along the north side of the Alaska Peninsula. CMH

Bering Sea - Bristol Bay
Gulf of Alaska
Shorebirds, seabirds, waterfowl, other
Habitat, distribution, abundance, pollution

16. ARNESON, P.D. 1977. Identification, documentation, and delineation of coastal migratory bird habitat in Alaska, pp. 1-95. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 2. NOAA, Environ. Res. Lab., Boulder, Colo.

This reports on aerial surveys conducted in 1975 and 1976 in Bristol Bay and the Gulf of Alaska to determine the seasonal distribution and abundance of birds in littoral and estuarine habitats. Important breeding, staging, and wintering areas are mapped. For each major geographic region, numbers of birds are summarized by water type, physiographic feature, and substrate type. CMH

Bering Sea - Bristol Bay
Gulf of Alaska
Shorebirds, seabirds, waterfowl, other
Abundance, distribution, habitat

17. ARNESON, P.D. 1978. Identification, documentation, and delineation of coastal migratory bird habitat in Alaska, pp. 431-481. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 2. NOAA, Environ. Res. Lab., Boulder, Colo.

This report summarizes and discusses results of aerial surveys of Bristol Bay in May 1978 and of Cook Inlet in winter 1977-78 and spring 1978. Included in separate appendices is information on seabirds inhabiting the Walrus Islands during summer 1977; spring migration past Kayak Island; and birds of Tugidak Island. CMH

Bering Sea - Bristol Bay

Gulf of Alaska - Cook Inlet, Kodiak (Tugidak Is.), Prince William Sound (Kayak Is.)

Shorebirds, seabirds, waterfowl, other

Distribution, habitat, checklist, migration

- *18. BAILEY, A.M. 1923. The haunts of the Emperor Goose. Nat. Hist. 23:172-181.

This narrative account describes collecting adult Emperor Geese and their eggs during the spring. Briefly mentioned are other common species of birds. MRP

Bering Sea - Norton Sound (Cape Prince of Wales)

Shorebirds, seabirds, waterfowl, other

Distribution, migration

19. BAILEY, A.M. 1924. Collecting at Cape Prince of Wales. Murrelet 5:3-4.

This paper presents "informal notes on various species nesting locally." (From T. J. Cade, 1953, A Synoptic Bibliography of Alaskan Ornithology, Univ. Calif. Dept. Zool., Los Angeles. Original not seen.) CMH

Bering Sea - Norton Sound (Cape Prince of Wales)

Distribution

20. BAILEY, A.M. 1925. A report on the birds of northwestern Alaska and regions adjacent to the Bering Strait. Parts 1 - 6. Condor 27:20-32; 62-67; 101-109; 164-171; 197-207; 232-238.

BAILEY, A.M. 1926. A report on the birds of northwestern Alaska and regions adjacent to the Bering Strait. Parts 7 - 10. Condor 28:31-36; 84-86; 121-126; 165-170.

This 10-part paper provides a summary of the Colorado Museum of Natural History expedition to northwestern Alaska in 1921-1922 and includes much of the information found in Bailey's 1943 "Birds of Cape Prince of Wales, Alaska." The text gives an extensive description of the itinerary and often lengthy annotated species accounts with much anecdotal information. REG

Bering Sea - Norton Sound
Arctic - Chukchi (Wainwright)
Shorebirds, seabirds, waterfowl, other
Annotated list

21. BAILEY, A.M. 1927. Notes on the birds of southeastern Alaska. Auk 44:1-23; 184-205; 351-367.

The author investigated the avifauna of this region between 1919 and 1921 and presents annotated accounts of over 150 forms of which 80 are water-associated. An itinerary and description of localities precedes the species accounts. REG

Gulf of Alaska - Southeastern
Shorebirds, seabirds, waterfowl, other
Annotated list

22. BAILEY, A.M. 1933. A cruise of the Bear. Nat. Hist. 33: 497-510.

This narrative account presents a few observations of birds seen on a cruise of the Bear from Nome north along the Arctic Coast. Of particular interest are the descriptions of the local inhabitants and the general area. MRP

Bering Sea - Norton Sound
Arctic - Kotzebue Sound, Chukchi, Beaufort
Shorebirds, seabirds, waterfowl, other
Distribution

23. BAILEY, A.M. 1943. The Birds of Cape Prince of Wales, Alaska. *Proc. Colorado Mus. Nat. Hist.* 18. 113 pp.

This is a major work on the avifauna of the region. It includes a lengthy discussion of the area, the itinerary of the expedition, descriptions of avian habitats, and generally thorough annotated accounts of over 100 species, over half marine-associated. Information was collected during a sixteen-month period in 1921-1922. REG

Bering Sea - Norton Sound (Cape Prince of Wales)
Shorebirds, seabirds, waterfowl, other
Annotated list, specimen record, habitat, distribution

24. BAILEY, A.M. 1948. Birds of Arctic Alaska. *Colorado Mus. Nat. Hist. Popular Sci.* 8. 317 pp.

This is an account of a museum collecting expedition to the Arctic Slope of Alaska in 1921-22. It includes a description and history of the region and a narrative of the trip. Species accounts are presented for birds collected on the expedition and those subsequently collected through 1944. NMH

Arctic - Chukchi, Beaufort
Shorebirds, seabirds, waterfowl, other
Annotated list, specimen record

25. BAILEY, A.M., C.D. BROWER, and L.D. BISHOP. 1933. Birds of the region of Point Barrow, Alaska. *Progr. Activities Chicago Acad. Sci.* 4:15-40.

The authors have compiled all records of the Pt. Barrow avifauna up to 1933. Annotated accounts are presented for 126 species, including 77 water-associated forms. Numerous specimens are reported. REG

Arctic - Chukchi (Barrow)
Shorebirds, seabirds, waterfowl, other
Annotated list, specimen record, distribution

26. BAILEY, E. 1975. Resource Synopsis of the Copper River Delta Region. Unpublished report. U.S. Fish and Wildlife Serv., Anchorage, Alaska. 40 pp.

This report provides a general description of the area and its climate, a brief review of fishes and mammals in the area, and a description of bird resources. MRP

Gulf of Alaska - Copper River (Copper R. Delta)
Shorebirds, seabirds, waterfowl, other
Abundance, habitat

27. BAILEY, E.P. 1975. Seabird Surveys Cape Lisburne to the Barren Islands. Unpublished progress report. U.S. Fish and Wildlife Serv., Anchorage, Alaska. 17 pp.

Aerial surveys were conducted in summer 1974 over waters adjacent to proposed refuges to determine species composition, distribution, and abundance of marine birds. Results are summarized by region, season, and distance from shore for each species or species group. All species observed on the surveys are included. Briefly summarized are results of shoreline surveys of the Arctic Coast. CMH

Arctic
Bering Sea
Gulf of Alaska
Shorebirds, seabirds, waterfowl
Distribution, abundance

28. BAILEY, E. 1976. Breeding avifauna at the Barren Islands, Alaska. Pac. Seabird Group Bull. 3(1):33. (Abstract)

This paper presents information on the distribution and abundance of seabirds in the Barren Islands. MRP

Gulf of Alaska - Kodiak (Barren Is.)
Shorebirds, seabirds
Abundance, distribution

29. BAILEY, E.P. 1976. Breeding bird distribution and abundance in the Barren Islands, Alaska. *Murrelet* 57:2-12.

The species composition, distribution, and abundance of 53 species of birds, including 33 marine species, encountered on the Barren Islands in July 1974 and 1975 are presented. MRP

Gulf of Alaska - Kodiak (Barren Is.)
Shorebirds, seabirds, waterfowl, other
Abundance, checklist

30. BAILEY, E.P. 1977. Distribution and abundance of marine birds and mammals along the south side of the Kenai Peninsula, Alaska. *Murrelet* 58:58-72.

A reconnaissance survey was conducted along 600 miles of coast during summer 1976. Total numbers of each species observed are summarized for 14 segments of the coast. Estimates of numbers of breeding pairs are given for all seabird colonies located. Of the 31 species of marine birds addressed, there are 19 seabirds, 2 raptors, 1 shorebird, 7 seabirds, and 2 loons. CMH

Gulf of Alaska - Prince William Sound (Kenai Peninsula)
Shorebirds, seabirds, waterfowl, other
Distribution, abundance, habitat

- *31. BAILEY, E.P. 1978. Breeding seabird distribution and abundance in the Shumagin Islands, Alaska. *Murrelet* 59:82-91.

This paper provides population estimates, by island, for the 18 species of seabirds found breeding on the Shumagin Islands. Most of the information was gathered on reconnaissance surveys during three summers, but data from historical and recent studies are also summarized. The presence of red foxes is discussed in relation to the distribution of seabirds on the islands. The presence of other species of birds is briefly noted. CMH

North Pacific - (Shumagin Is.)
Shorebirds, seabirds, waterfowl, other
Distribution, abundance

32. BAILEY, E. P., and N.H. FAUST. 1980. Summer distribution and abundance of marine birds and mammals in the Sandman Reefs, Alaska. *Murrelet* 61:6-19.

A reconnaissance survey was conducted in the Sandman Reefs in 1978. Total numbers of each species are summarized for each island visited and estimates of numbers of breeding pairs are given for each colony. Of the 47 species of birds observed, 35 were water-oriented. MRP

North Pacific (Sandman Reefs)
Shorebirds, seabirds, waterfowl, other
Abundance, distribution, habitat

- *33* BAIRD, P.A., and M.A. HATCH. 1979. Breeding biology and feeding habits of seabirds of Sitkalidak Strait 1977-1978, pp. 107-186. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 2. NOAA, Environ. Res. Lab., Boulder, Colo.

This report summarizes results of a two-year study of the comparative breeding and feeding ecology of five species of seabirds nesting on Kodiak Island. Differences in productivity are discussed in relation to prey availability. Appended is an annotated list of all birds and mammals observed in 1978. Of the 36 species of birds noted, 24 are water-associated. CMH

Gulf of Alaska - Kodiak (Kodiak Is.)
Shorebirds, seabirds, waterfowl, other
Annotated list

34. BAIRD, S.F. 1858. Explorations and Surveys for a Railroad Route from the Mississippi River to the Pacific Ocean. Part II. Birds. vol. 9. B. Tucker, Washington. 1005 pp.

Not reviewed.

Alaska

35. BAIRD, S.F., T.M. BREWER, and R. RIDGWAY. 1884. The Water Birds of North America. Little, Brown and Co., Boston. vol. 1, 537 pp. Vol. 2, 552 pp.

This comprehensive work summarizes observations from Alaska for several species, and includes the original description of Rissa tridactyla pollicaris. CMH

Alaska

Shorebirds, seabirds, waterfowl

Black-legged Kittiwake

Behavior, distribution, habitat, plumage, specimen record

36. BANGS, O. 1930. Types of birds now in the Museum of Comparative zoology. Bull. Mus. Comp. Zool. Harv. Coll. 70:147-426.

Not reviewed.

Alaska

Specimen record

37. BANKS, R.C., M.H. CLENCH, and J.C. BARLOW. 1973. Bird collections in the United States and Canada. Auk 90:136-170.

This paper presents a list, by state and province, of bird collections in the U.S. and Canada. The number and types of specimens, the species groups represented, and the geographic areas of origin are listed for each collection. CMH

Alaska

Shorebirds, seabirds, waterfowl, other

Specimen record

38. BARNES, R.M. 1916. Some rare things. Oologist 31:201-203.

Not reviewed.

Arctic

Specimen record

39. BARTONEK, J.C. 1969. Arctic Slope and Trans-Alaska Pipeline Task Force Report: The Bird Resources of Alaska's Arctic Slope and Petroleum Development. Unpublished report. U.S. Fish and Wildl. Serv., Northern Prairie Wildl. Res. Center, Jamestown, N.D. 39 pp.

This report assesses the bird resources of the Arctic Slope and examines potential threats from oil development and other sources of pollution. Information is summarized from published and unpublished sources and from reconnaissance surveys conducted in 1969. A checklist of the 171 species recorded north of the Brooks Range indicates their occurrence within three physiographic provinces and along the coast of the Chukchi Sea. Waterfowl species are discussed in greatest detail. Subsistence use is briefly addressed. CMH

Arctic - Chukchi, Beaufort
Shorebirds, seabirds, waterfowl, other
Checklist, abundance, distribution, habitat, subsistence, pollution

- *40. BARTONEK, J.C., and D.D. GIBSON. 1972. Summer distribution of pelagic birds in Bristol Bay, Alaska. Condor 74:416-422.

Observations on the distribution and abundance of 32 species of pelagic birds in a portion of Bristol Bay were made during July and August 1969. Distribution and relative abundance data are presented. MRP

Bering Sea - Bristol Bay
Shorebirds, seabirds, waterfowl
Distribution, annotated list, abundance

41. BARTONEK, J.C., and C.J. LENSINK. 1978. A Review of the Literature and a Selected Bibliography of Published and Unpublished Literature on Marine Birds of Alaska. Unpublished report. U.S. Fish and Wildl. Serv., Anchorage, Alaska. 95 pp.

The authors have compiled a bibliography, referenced by geographic area, of some 500 published and unpublished citations dealing with birds of coastal Alaska. A narrative summary of the pertinent literature is presented for each of four major geographic areas. Included in a separate section are references on hazards to marine birds. REG

Alaska
Shorebirds, seabirds, waterfowl, other
Bibliography

42. BARTONEK, J., C.J. LENSINK, P.J. GOULD, R.E. GILL, and G.A. SANGER. 1977. Population dynamics and trophic relationships of marine birds in the Gulf of Alaska and southern Bering Sea, pp. 1-12. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 4. NOAA, Environ. Res. Lab., Boulder, Colo.

This is a brief introduction to 11 studies conducted in 1976.
CMH

Bering Sea
Gulf of Alaska
Shorebirds, seabirds, waterfowl
Habitat, reproduction

43. BEAN, T.H. 1882. Notes on birds collected during the summer of 1880 in Alaska and Siberia. Proc. U.S. Natl. Mus. 5:144-173.

This paper provides often detailed accounts of specimens collected in Alaska during a cruise from Sitka to Icy Cape between May and October 1880. Seventy-seven species are addressed, 39 of them water-associated. REG

Arctic
Bering Sea
Gulf of Alaska
North Pacific
Shorebirds, seabirds, waterfowl, other
Specimen record, annotated list, distribution

44. BEE, J.A. 1958. Birds found on the Arctic Slope of northern Alaska. Univ. Kansas Publ., Mus. Nat. Hist. 10:163-211.

This paper details the avifauna collected and observed during a trip along the Arctic Slope in summers 1951 and 1952. Within the annotated accounts are discussions of behavior and chronology as well as meristic data from specimens. REG

Arctic
Shorebirds, seabirds, waterfowl, other
Annotated list, specimen record, anatomy

45. BEECHEY, F.M. 1831. Narrative of a Voyage to the Pacific and Bering's Strait. Colburn and Bentley, London. Vol. 1, 472 pp. Vol. 2, 452 pp.

This book addresses "Alaska matters with some mention of birds." (From Gabrielson and Lincoln, Birds of Alaska, 1959. Original not seen.) CMH

46. BENDIRE, C.E. 1895. Life Histories of North American Birds. U. S. Natl. Mus. Spec. Bull. 3.

Not reviewed.

Alaska
Shorebirds, seabirds, waterfowl, other

47. BENT, A.C. 1912. Notes on birds observed during a brief visit to the Aleutian Islands and Bering Sea in 1911. Smithsonian Inst. Misc. Collect. 56:1-29.

This paper resulted from ornithological investigations conducted throughout the Aleutian Islands and on Bogoslof, St. Paul, Walrus, St. Matthew and Hall Islands during the spring and summer of 1911. Some 50 species of marine or water-associated birds are treated in annotated accounts. REG

Bering Sea - Pribilof Is., St. Matthew Is., Hall Is.
Aleutians - (Bogoslof Is.)
Shorebirds, seabirds, waterfowl, other
Annotated list

48. BERGMAN, R.D. 1974. Wetlands and water birds at Point Storckersen, Alaska. Ph.D. diss. Iowa State Univ., Ames. 58 pp.

This study assesses the importance of aquatic habitats to birds of the area, and develops a wetland classification system. Recommendations to reduce deleterious effects to wetland communities from petroleum development are presented. MRP

Arctic - Beaufort (Pt. Storckersen)
Shorebirds, seabirds, waterfowl, other
Annotated list, habitat, management, pollution, abundance, distribution

49. BERGMAN, R.D., R.L. HOWARD, K.F. ABRAHAM, and M.W. WELLER. 1977. Water Birds and their Wetland Resources in Relation to Oil Development at Storkersen Point, Alaska. U.S. Fish and Wildl. Serv. Resour. Publ. 129. 39 pp.

This paper presents information from a five-year study of birds at Storkersen Point. Eight classes of wetlands are defined on the basis of size, depth, vegetation, and water chemistry, and related to bird use. Invertebrate populations are examined in relation to peak hatch of shorebirds and ducks. Recommendations for preservation of wetlands during oil development activities are included. MRP

Arctic - Beaufort (Storkersen Pt.)
Shorebirds, seabirds, waterfowl, other
Habitat, food, management, reproduction, checklist, pollution, migration, abundance

50. BERLIOZ, J. 1951. Etude d'une collection d'Oiseaux des Iles Pribilof. [Study of a collection of birds from the Pribilof Islands.] Bull. Nat. Hist. Mus. Paris, Ser. 2, Vol. 23:610-615.

Not reviewed.

Bering Sea - Pribilof Is.
Shorebirds, seabirds, waterfowl, other
Specimen record

51. BISHOP, L.B. 1944. Ornithological notes from Point Barrow, Alaska. Field Mus. Nat. Hist. Zool. Ser. 29:181-190.

Birds collected in the Point Barrow region from 1933 through 1940 are listed. REG

Arctic - Chukchi (Pt. Barrow)
Shorebirds, seabirds, waterfowl, other
Annotated list, specimen record, distribution

52. BLACKWELDER, E. 1919. Notes on the summer birds of the Upper Yukon Region, Alaska. Auk 36:57-64.

Brief annotated accounts are presented for 60 species observed during summer 1915. Included among the birds are 13 water-associated forms. REG

Interior - Upper Yukon
Shorebirds, seabirds, waterfowl, other
Annotated list

53. BLASCHKE, E. 1842. Topographic medics portus Novi-Archangel-scensis, sedis principalis coloniarium Rossicarum in Septentri - onali America. Petropili. Typis K. Wienhoberi et Filii. 82 pp.

Pages 22-24 treat the 51 species of birds enumerated. (From T. J. Cade, 1953, A Synoptic Bibliography of Alaskan Ornithology, Univ. Calif. Dept. Zool., Los Angeles. Original not seen.) CMH

- 54* BRANDT, H. 1943. Alaska Bird Trails. Bird Research Foundation, Cleveland, Ohio. 464 pp.

This is a very interesting account of the birds recorded during an expedition to the Yukon Delta and coast of western Alaska in 1924. The narrative species accounts are preceded by several chapters which discuss the itinerary of the trip, the native peoples of the area, and the natural features of western Alaska. The book is replete with drawings, paintings, and photographs of the birds, people, and habitats encountered on the expedition. REG

Bering Sea - Yukon Delta
Shorebirds, seabirds, waterfowl, other
Distribution, behavior, breeding biology

55. BRECKENRIDGE, W. J., and D. CLINE. 1967. Sandhill Cranes and other birds from Bering Strait, Alaska. Auk 84:277-278.

The authors spent from May 14 to June 4, 1964, observing and collecting birds at Wales, Alaska. Fifty-seven species were observed, 25 collected, and 32 photographed. Arrival dates are given for 32 species. Over half of this note is devoted to a description of the passage of Sandhill Cranes westward across the Bering Strait. REG

Bering Sea - Norton Sound (Wales)
Shorebirds, seabirds, waterfowl
Sandhill Crane
Migration, specimen record

56. BRETHERTON, B.J. 1896. Kodiak Island: A contribution to the avifauna of Alaska. Oreg. Nat. 3:45-49; 61-64; 77-79; 100-102.

This series of papers presents an annotated list of some 60 species observed at Kodiak Island. MRP

Gulf of Alaska - Kodiak (Kodiak Is.)
Shorebirds, seabirds, waterfowl, other
Annotated list

- 57* BROOKS, W.S. 1915. Notes on birds from East Siberia and Arctic Alaska. Bull. Mus. Comp. Zool. Harv. Coll. 59(5):361-413.

This paper reports on the birds observed and collected in Arctic Alaska and Siberia during an expedition from spring 1913 through summer 1914. NMH

Arctic
Shorebirds, seabirds, waterfowl, other
Annotated list, specimen record

58. BRUEGGEMAN, J.J. 1980. Coastal occurrence of birds at Point Barrow, Alaska, in spring. Murrelet 61:31-34.

This paper presents spring migration dates of Snowy Owls and 15 species of water-oriented birds along the coast past Point Barrow. Environmental factors influencing the timing of arrival of birds are discussed. MRP

Arctic - Chukchi (Barrow)
Seabirds, waterfowl, other
Migration

59. BUCARIA, G.P. 1979. Copper River Delta Area Wildlife Resource Review. Unpublished report. U.S. Forest Service, Chugach National Forest, Cordova, Alaska. 158 pp.

This report presents a description of the area and annotated accounts of selected species. Harvest information of game species and the potential for habitat improvement are discussed. MRP

Gulf of Alaska - Copper River (Copper R. Delta)
Shorebirds, seabirds, waterfowl, other
Management, annotated list

60. BURROUGHS, J. 1902. Narrative of the expedition, pp. 1-118. In C.H. Merriam (ed.), Harri man Alaska Expedition, Doubleday, Page and Co., New York. (Reprinted 1972, Klaus Reprint. Co., New York.)

This narrative account of the itinerary of the expedition includes many anecdotal references to birds encountered at various stops. CMH

Alutians
Bering Sea
Gulf of Alaska
Shorebirds, seabirds, waterfowl, other
Public interest

61. BYRD, G.V., D.D. GIBSON, and D.L. JOHNSON. 1974. The birds of Adak Island, Alaska. Condor 76:288-300.

This paper presents annotated accounts of 124 species, including some 90 water-associated forms. Data from several specimens are included. REG

Aleutians - (Adak Is.)
Shorebirds, seabirds, waterfowl, other
Annotated list, specimen record, distribution

62. BYRD, G.V., J.L. TRAPP, and D.D. GIBSON. 1978. New information on Asiatic birds in the Aleutian Islands, Alaska. Condor 80:309-315.

This paper discusses 35 species new to the Aleutians or on which significant new information is available. Five species and two subspecies new to North America are included. The majority of the species discussed are water-associated. MRP

Aleutians
Shorebirds, seabirds, waterfowl, other
Annotated list, distribution, specimen record

63. CADE, T. 1951. Food of the Peregrine Falcon, Falco peregrinus, in interior Alaska. Auk 68:373-374.

Pellets and remains of prey beneath an aerie of a Peregrine Falcon were collected and analyzed. A table presents the number of items and number of individuals represented for each bird species. The author briefly describes the relative abundance of each prey species, including six water-related forms, in the surrounding areas. CMH

Interior - Tanana (Fairbanks)
Shorebirds, seabirds, waterfowl, other
Red-necked Grebe, Green-winged Teal, Bufflehead, Lesser Yellow-legs, Herring Gull, Mew Gull
Food, predation

64. CADE, T. 1952. Notes on the birds of Sledge Island, Bering Sea, Alaska. Condor **54:51-54.**

Notes on 35 species, including 25 marine forms, observed between June 7 and 15, 1950, are presented. Many of them are new records. REG

Bering Sea - Norton Sound (Sledge Is.)
Shorebirds, seabirds, waterfowl, other
Annotated list, distribution

65. CADE, T.J. 1953* A Synoptic Bibliography of Alaskan Ornithology. Univ. Calif. Dept. Zool., Los Angeles. 76 pp. (Mimeo)

The author has included all "primary" references to Alaska ornithology from 1785 through 1953. Citations number over 700 with nearly all being annotated, some having detailed summaries. REG

Alaska
Shorebirds, seabirds, waterfowl, other
Bibliography

- 66* CAHALANE, V.H. 1943. Notes on birds of the Kodiak - Afognak Island group. Auk **60:536-541.**

This paper presents an annotated list of the 29 species observed in late fall 1940 in the Kodiak-Afognak Island area. Of these, 21 species are water birds. CMH

Gulf of Alaska - Kodiak (Kodiak-Afognak Is.)
Shorebirds, seabirds, waterfowl, other
Annotated list

67. CAHALANE, V.H. 1944. Birds of the Katmai Region, Alaska. Auk **61:351-375.**

The author provides an annotated list of the birds observed during September 1940 in the Katmai region and summarizes earlier records for the area. Ninety-four species are discussed, including 59 species of water birds. A checklist of 118 species is appended. CMH

Gulf of Alaska - Kodiak (Katmai, Shelikof Strait)
Shorebirds, seabirds, waterfowl, other
Annotated list, checklist

68. CAHALANE, V.H. 1959. A biological survey of Katmai National Monument. *Smithson. Misc. Coll.* 138:83-155.

The author presents annotated species accounts of birds observed in the monument in 1953 and 1954. Information on habitat use is included. NMH

Gulf of Alaska - Kodiak (Katmai National Monument)
Shorebirds, seabirds, waterfowl, other
Annotated list, habitat

69. CAHN, A.R. 1947. Notes on the birds of the Dutch Harbor area of the Aleutian Islands. *Condor* 49:78-82.

This paper presents an annotated species list of birds observed at Dutch Harbor over a 47-month period during World War II. Observations of 62 species are presented. MRP

Aleutians - (Dutch Harbor)
Shorebirds, seabirds, waterfowl, other
Annotated list

70. CAIRNES, D.D. 1912. Geology of a portion of the Yukon-Alaska boundary between Porcupine and Yukon Rivers. *Geol. Surv., Canada, Summ. Rep.* 1911:17-40.

This paper "includes list of birds observed and a few that were collected." (From Gabrielson and Lincoln, *Birds of Alaska*, 1959. Original not seen.) CMH

Interior - Upper Yukon
Shorebirds, seabirds, waterfowl, other
Checklist, specimen record

71. CAMPBELL, J.M. 1968. Birds of Chandler Lake, Brooks Range, Alaska. *Murrelet* 49:15-24.

This paper provides an annotated list of the 53 species of birds observed in a high valley of the Brooks Range during four summers. Thirty of the species are water-associated birds. CMH

Arctic - Beaufort (Brooks Range)
Shorebirds, seabirds, waterfowl, other
Annotated list

72. CANTWELL, G.G. 1897. From a collection in Alaska. Osprey 1: 97-98.

The author informally mentions the species which are common in the area in winter and some which he has collected. CMH

Gulf of Alaska - Southeastern (Long Is.)
Seabirds, waterfowl, other
Distribution

73. CANTWELL, G.G. 1897. Notes from Alaska. *Nidologist* 4:59.

In this letter the author notes informally several species of birds which he has observed or collected near Juneau. Included are Red-legged Kittiwake, Western, Mew, and Glaucous-winged Gulls, and Marbled and Ancient **Murrelets**. CMH

Gulf of Alaska - Southeastern (Juneau)
Seabirds, other
Distribution

74. CANTWELL, R.C.S. 1902. Report of the Operations of the U.S. Revenue Steamer Nunivak on the Yukon River Station. Treasury Dept. Dec. No. 2276. Govt. Printing Office, Washington, D.C". 325 pp.

A list of 96 taxa of birds observed "along the Yukon 'River" between 1899 and 1901 is appended. REG

Bering Sea - Norton Sound (St. Michael)
Shorebirds, seabirds, waterfowl, other
Checklist

75. CARVER, W.H. 1928. Notes from St. George's Island, Alaska. **Murrelet** 9:63-65.

These notes, selected from a **personal** letter of a visitor to St. George Island, provide an anecdotal description of the island's seabird life. A few comments on seabird hunting by natives are included. NMH

Bering Sea - **Pribilof** Is. (St. George Is.)
Shorebirds, seabirds, waterfowl, other
Annotated list, subsistence

76. CASSIN, J. 1858. United States Exploring Expedition, Vol. 8, Mammalogy and Ornithology. C. Sherman and Son or Lippincott, Philadelphia.
Not reviewed.
77. CASSIN, J. 1862. Catalogue of birds collected by the United States North Pacific Surveying and Exploring Expedition in command of Captain John Rodgers, United States Navy, with notes and descriptions of new species. Proc. Acad. Nat. Sci. Phila. 1862:312-328.
This paper "includes some specimens from Alaska and Bering Strait." (From Gabrielson and Lincoln, Birds of Alaska, 1959. Original not seen.) CMH
Alaska
Specimen record
78. CHAPMAN, F. 1888. List of additions to the North American avifauna and of eliminations and changes in nomenclature proposed since the publication of the A.O.U. Check-list. Auk 5:393-402.
This update to the A.O.U. Checklist includes the addition of six species which were recorded from Alaska, including Larus barrovianus (= L. hyperboreus) and Tringa damacensis (= Calidris subminuta). CMH
Alaska
Shorebirds, seabirds, other
Glaucous Gull, Long-toed Stint
Distribution
79. CHAPMAN, F.M. 1902. List of birds collected in Alaska by the Andrew J. Stone Expedition of 1901. Bull. Am. Mus. Nat. Hist. 16:231-247.
The author lists the dates and locations of collections of the 302 specimens obtained by the Stone Expedition of 1901. Sixty-eight species and subspecies are treated, including 26 water-associated forms. REG
Alaska
Shorebirds, seabirds, waterfowl, other
Specimen record, annotated list

80. CHAPMAN, F.M. 1904. List of birds collected in Alaska by the Andrew J. Stone expedition of 1903. Bull. Am. Mus. Nat. Hist. **20:399-406.**

An annotated summary of 317 bird specimens and 35 egg sets collected in 1903 is presented. Sixty-two species are discussed, of which 20 are marine-associated. REG

Gulf of Alaska - Cook Inlet (**Kenai Peninsula**)
Bering Sea - Bristol Bay (**Port Moller**)
Shorebirds, seabirds, waterfowl, other
Annotated list, specimen record

81. CHAPMAN, J.W. 1932. Bird-neighbors at Anvik, Alaska. Bird-Lore **34:373-379.**

Not reviewed.

Bering Sea - Yukon Delta (**Anvik**)

82. CHESEMORE, D.L. 1968. Notes on the food habits of Arctic foxes in northern Alaska. Can. J. Zool. **46:1127-1130.**

The author summarizes the summer and winter food habits of Arctic foxes near **Teshkepuk Lake**. Birds and eggs were found to form a large part of the summer diet; however, **avian** prey were not identified to species. CMH

Arctic - Beaufort (**Teshkepuk L.**)
Shorebirds, seabirds, waterfowl, other
Predation

83. CHILDS, H. E., JR. 1969. Birds and Mammals of the **Pitmegea** River Region, Cape **Sabine**, Northwestern Alaska. Biol. Pap. Univ. Alaska 10. 76 pp.

The author presents annotated accounts for 90 species, including 59 water-associated forms. Species accounts are preceded by a discussion of the geology, climate, **soils**, and vegetation of the area. Data were collected between 1957 and 1960. REG

Arctic - **Chukchi (Pitmegea R.)**
Shorebirds, seabirds, waterfowl, other
Annotated list, habitat

84. CLARK, A.H. 1910. The birds collected and observed during the cruise of the United States fisheries steamer Albatross in the North Pacific Ocean, and in the Bering, Okhotsk, Japan, and Eastern Seas, from April to December, 1906. Proc. U. S. Natl. Mus. 38:25-74.

This is a very extensive treatise providing annotated accounts of 176 species. Unfortunately, the accounts are not presented by geographic region, but instead include all observations from San Francisco, Alaska, and the Far East. Numerous specimen records are cited, usually accompanied by complete meristic data. REG

Bering Sea
Gulf of Alaska
Aleutians
North Pacific
Shorebirds, seabirds, waterfowl, other
Annotated list, specimen record, anatomy

85. CLENCH, M.H., R.C. BANKS, and J.C. BARLOW. 1976. Bird collections in the United States and Canada: Addenda and corrigenda. Auk 93:126-129.

This paper updates the authors' earlier paper (Banks et al., Auk 90:136-170, 1973). This paper records more accurate counts, additions of specimens and collections, and the transfer of several collections. CMH

Alaska
Shorebirds, seabirds, waterfowl, other
Specimen record

86. COINDE, J.P. 1860. Notice sur la faune ornithologique de l'ile de Saint-Paul suivie de l'enumeration de quelques especes d'insectes (Coleopteres) des Aleoutinnes et du Kamtschatka. Revue et Magazin de Zool. 2nd ser., 12:396-405.

"Mention is made of nine species of birds collected on St. Paul by Mr. Warneck. One described as new - Larus warnecki = Rissa brevirostris." (From Gabrielson and Lincoln, Birds of Alaska, 1959. Original not seen.) CMH

Bering Sea - Pribilof Is. (St. Paul Is.)
Red-legged Kittiwake
Specimen record, taxonomy

87. COLLINS, H.B., JR., A.H. CLARK, and E.H. WALKER. 1945. The Aleutian Islands: Their People and Natural History. Smithsonian Institution War Background Studies No. 21. 131 pp.

Included in this paper is a checklist of all birds known to occur on the islands plus a brief account summarizing their relative abundance and distribution. Of the 131 species and subspecies listed, 97 are water-associated. Subsistence use is mentioned.
CMH

Aleutians

Shorebirds, seabirds, waterfowl, other

Checklist, distribution, abundance, subsistence

- *88. CONNORS, P., and R. RISEBROUGH. 1976. Shorebird dependence on Arctic littoral habitats, pp. 401-456. In Environmental Assessment from the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 2. NOAA, Environ. Res. Lab., Boulder, Colo.

This preliminary report provides annotated accounts for the 19 species of shorebirds using littoral habitats near Barrow, and for 11 other species of water birds commonly occurring there. Results of censuses taken regularly from July to September 1975 are graphically presented for most species. Qualitative food habits information is provided for 11 species. CMH

Arctic - Chukchi (Barrow, Wainwright), Beaufort

Shorebirds, seabirds, waterfowl

Habitat, abundance, food, annotated list

- *89. CONNORS, P., and R.W. RISEBROUGH. 1977. Shorebird dependence on Arctic and littoral habitats, pp. 402-524. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 2. NOAA, Environ. Res. Lab., Boulder, Colo.

Included in this annual report are annotated accounts for the 19 species of shorebirds and 11 other species commonly using littoral habitats of the Barrow region. Census data are reported for the most common species. Habitat use and foraging ecology are discussed in detail for shorebirds. CMH

Arctic - Chukchi (Barrow, Icy Cape), Beaufort (Elson Lagoon)

Shorebirds, seabirds, waterfowl, other

Abundance, habitat, food

- *90 . CONNORS, P., and R. RISEBROUGH. 1978. Shorebird dependence on Arctic littoral habitats, pp. 84-166. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 2. NOAA, Environ. Res. Lab., Boulder, Colo.

This report summarizes results of studies in summer 1977 on shorebird seasonal habitat use and trophic relationships in northwestern Alaska. Seasonal densities are also presented for a few other species. Susceptibility of shorebirds to impacts of oil development is addressed. Checklists present the status of bird species observed at Cape Krusenstern and Wales in 1977. CMH

Arctic - Beaufort, Chukchi, Kotzebue Sound
Bering Sea - Norton Sound
Shorebirds, seabirds, waterfowl, other
Abundance, checklist, pollution, habitat

- *91. CONNORS, P.G., and R.W. RISEBROUGH. 1979. Shorebird dependence on Arctic littoral habitats, pp. 271-329. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 1. NOAA, Environ. Res. Lab., Boulder, Colo.

This report summarizes information gathered at Prudhoe Bay and several other sites in summer 1978. Data are presented on seasonal habitat use of the littoral zone by shorebirds, on use of disturbed habitat by shorebirds and passerine, and on food habits of shorebirds. A checklist indicates the status of the 113 species of birds recorded at Cape Krusenstern in 1977 and 1978. Expansion of Aleutian Tern colonies is mentioned. CMH

Arctic
Shorebirds, seabirds, waterfowl, other
Checklist, abundance, disturbance, food, habitat

92. CONOVER, H.B. 1926. Game birds of the Hooper Bay Region, Alaska. Auk 43:162-180, 303-318.

This is an annotated list of the **gamebirds** observed in the Hooper Bay vicinity during spring and summer 1924. Included is information on chronology, relative abundance, breeding status, habitat, predation, behavior, plumage, migration, and **meristics**. Of the 46 species and subspecies discussed, 44 are water-related. The role of the Glaucous Gull as a predator is addressed. CMH

Bering Sea - Yukon Delta (Hooper Bay)
Shorebirds, seabirds, waterfowl
Annotated list, abundance, habitat, **reproduction, predation,**
migration, behavior, plumage

93. COOK, J. 1784. A Voyage to the Pacific Ocean, Undertaken by the Command of His Majesty, for Making Discoveries in the Northern Hemisphere (etc.); Performed Under the Direction of Captains Cook, Clarke and Gore, in His Majesty's Ships the "Resolution" and the "Discovery" (etc.). 3 Vols., London.

Not reviewed.

94. COUES, E. 1874. Ornithology of the Pribilof Islands, pp. 168-212. In H.W. Elliott, Report on the Pribilof Group, or Seal Islands of Alaska. U.S. Treas. Dept., Washington, D.C.

Not reviewed.

Bering Sea - Pribilof Is.

95. DALL, W.H. 1870. Alaska and Its Resources. Lee and Shepard Publishers, Boston. 627 pp.

Within the text appear numerous references to birds. A list of 209 species collected by the Scientific Corps during the expedition is appended. Most of the specimens came from Norton Sound, the Yukon Delta, and Yukon Valley. REG

Alaska
Shorebirds, seabirds, waterfowl, other
Checklist, subsistence, specimen record

96. DALL, W.H. 1873. Notes on the avi-fauna of the Aleutian Islands, from Unalaska eastward. Proc. Calif. Acad. Sci. 5:25-35.

This paper reports on specimens collected from October 1871 to August 1872 during a geographical reconnaissance from the Shumagin Islands to Unalaska Island. A total of 54 species was collected, of which 37 are water-oriented species. MRP

Aleutians
North Pacific
Shorebirds, seabirds, waterfowl, other
Annotated list, specimen record

97. DALL, W.H. 1874. Notes on the avifauna of the Aleutian Islands, especially those west of Unalaska. Proc. Calif. Acad. Sci. 5:270-281.

Presented here is an annotated list of the 45 species of birds observed during a cruise in 1873 among the western Aleutian Islands. Included is information on habitat, relative abundance, seasonal occurrence, and breeding status. Thirty-two of the species addressed are water-associated. CMH

Aleutians

Shorebirds, seabirds, waterfowl, other

Annotated list, habitat, food, behavior

98. DALL, W.H., and H.M. BANISTER. 1869. List of the birds of Alaska, with biographical notes. Trans. Chicago Acad. Sci. 1:267-310.

This paper reports on the species observed and collected from 1865 to 1867 by members of the Russo-American Telegraph Expedition. Annotated accounts of 212 species, including 116 water birds, are presented. MRP

Gulf of Alaska

Aleutians

Bering Sea

Shorebirds, seabirds, waterfowl, other

Annotated list, specimen record

99. DAU, C. 1972. Observations on the Spring Migration of Birds at Old Kashunuk Village, Alaska, 1972. Unpublished report. Univ. Alaska, Dept. Wildl. Fish., Fairbanks. 54 pp.

This report presents an annotated species list of birds observed between May 8 and June 16, 1972, in the vicinity of Old Kashunuk Village. Included are arrival dates and general notes on each species. MRP

Bering Sea - Yukon Delta (Old Kashunuk Village)

Shorebirds, seabirds, waterfowl, other

Annotated list, migration

100. DEAN, F. C., and D. L. CHESEMORE. 1974. Studies of Birds and Mammals in the Baird and Schwatka Mountains, Alaska. Biol. Pap. Univ. Alaska 15. 80 pp.

This monograph presents information on an ecological reconnaissance of the Baird and Schwatka Mountains. An annotated species list is included. MRP

Arctic - Kotzebue Sound
Shorebirds, seabirds, waterfowl, other
Annotated list, habitat

101. DEARBORN, J. H. 1957. Notes on the birds of Kitoi Bay, Afognak Island, Alaska. Proc. Alaska Sci. Conf. 8:83-88.

A total of 47 species of birds was observed at the Kitoi Bay Research Station during the summer of 1957. General notes on their status are provided. MRP

Gulf of Alaska - Kodiak (Kitoi Bay)
Shorebirds, seabirds, waterfowl, other
Checklist, predation

- *102. DEGANGE, A. R., E. E. POSSARDT, and D. A. FRAZER. 1977. The Breeding Biology of Seabirds on the Forrester Island National Wildlife Refuge 15 May to 1 September 1976. Unpublished report. U. S. Fish and Wildl. Serv., Anchorage, Alaska. 62 pp.

This report presents information on the abundance, distribution, and reproductive success of seabirds nesting on Forrester and Petrel Islands. An annotated list of 98 species of birds is included. MRP

Gulf of Alaska - Southeastern (Forrester Island NWR)
Shorebirds, seabirds, waterfowl, other
Annotated list

103. DEGANGE, A.R., and A.L. SOWLS. 1978. A Faunal Reconnaissance of the Bering Sea National Wildlife Refuge. Unpublished report. U.S. Fish and Wildl. Serv., Anchorage, Alaska. 74 pp.

This field report presents information on the birds, foxes, marine mammals, and reindeer observed between June 26 and July 27, 1977, on the Bering Sea NWR. Census information is provided for the nesting seabirds, and habitat use by shorebirds and ~~pas-~~serines is described. Arctic fox dens and foods are discussed. A list of plants, an annotated species list, and a discussion of logistics are appended. MRP

Bering Sea - St. Matthew Is., Hall Is., Pinnacle Is.
Shorebirds, seabirds, waterfowl, other
Abundance, distribution, food, predation, mortality, annotated list

104. DEGANGE, A.R., and A.L. SOWLS. 1978. A Survey of the Chamisso Island National Wildlife Refuge. Unpublished report. U.S. Fish and Wildl. Serv., Anchorage, Alaska. 17 pp.

This report presents information gathered during a survey of Chamisso Island from August 11-14, 1974. Breeding populations of seabirds are estimated, and annotated accounts of 37 species of birds are included. MRP

Arctic - Kotzebue Sound (Chamisso Isl and NWR)
Shorebirds, seabirds, waterfowl, other
Subsistence, abundance, annotated list

105. DENES, J. 1975. Some new data on faunistical exchanges through the Bering-Bridge. [In English with Hungarian summary.] *Aquila* 80-81:81-89.

Not reviewed.

Bering Sea
Zoogeography

106. DERKSEN, D.V., W.D. ELDRIDGE, and T.C. ROTHE. 1979. Waterbird and wetland habitat studies, pp. 229-312. In P.C. Lent (cd.), Studies of Selected Wildlife and Fish and their Use of Habitats on and Adjacent to NPR-A 1977-1978. Field Study 3, Vol. 2. U.S. Dept. Int., National Petroleum in Alaska, Anchorage.

A detailed study of avian use of wetland habitats on the Arctic Coastal Plain was conducted at five sites in 1977 and 1978. Wetland habitats are identified and mapped, and macroinvertebrate populations are described and quantified. Species accounts describe the abundance and seasonal variations of bird populations in relation to their use of different wetland habitats. Of the 54 species treated, 41 are water birds. Use of Teshekpuk Lake by molting geese is also described in detail. CMH

Arctic - Beaufort (National Petroleum Reserve - Alaska)
Shorebirds, seabirds, waterfowl, other
Habitat, annotated list, abundance, distribution, food, plumage

107. DERKSEN, D.V., J.C. FRANSON, and T.C. ROTHE. 1976. Investigations of Arctic Coastal Plain Avifauna. Unpublished final report. U.S. Fish and Wildl. Serv., Office of Special Studies, Anchorage, Alaska 40 pp.

The authors present information on bird populations, their associations with ponded areas, and the effects of oil on macroinvertebrates within ponds. MRP

Arctic - Beaufort (Storkensen Point)
Shorebirds, seabirds, waterfowl
Abundance, distribution, habitat, migration, pollution

108. DERKSEN, D.V., M.S. JENSEN, and M.W. WELLER. 1976. Evaluation of Techniques Used to Study Vegetation and Avifauna in National Petroleum Reserve of Alaska 1976. NPRA final report. U.S. Fish and Wildl. Serv., Office of Special Studies, Anchorage, Alaska. 36 pp.

This report evaluates low-level 35mm aerial photo techniques for Arctic Slope vegetation mapping; reports on bird and plant species composition for ground-truthing; evaluates the feasibility of ground work at new study sites; and evaluates logistic support for aerial census and mapping operations. MRP

Arctic - Beaufort (National Petroleum Reserve - Alaska)
Shorebirds, seabirds, waterfowl, other
Techniques, abundance, checklist

109. DICE, L.R. 1920. The Land Vertebrate Associations of Interior Alaska. Univ. Mich. Mus. Zool. Occ. Pap. 85. 32 pp.

This paper describes habitats and lists representative birds and mammals associated with each. MRP

Interior - Tanana
Bering Sea - Yukon Delta
Shorebirds, seabirds, waterfowl, other
Habitat

110. DICE, L.R. 1920. Notes on some birds of interior Alaska. Condor 22:176-185.

The author presents annotated accounts of 86 species, including 27 water-associated forms, observed in 1911 and 1912. REG

Bering Sea - Yukon Delta (Kuskokwim R.)
Interior - Tanana (Tanana, Fairbanks), Upper Kuskokwim (Kuskokwim R.)
Shorebirds, seabirds, waterfowl, other
Specimen record, annotated list

- *111* DICK, M. 1976. Notes on the Breeding and Other Seabirds in Chiniak and Southern Marmot Bays, Kodiak Island, Alaska, 1975. Unpublished report. U.S. Fish and Wildl. Serv., Anchorage, Alaska. 17 pp.

This identifies the locations of colonies and reports the number of "seabirds" breeding in the area. Notes on cormorants, shearwaters, eiders, oystercatchers, murrelets, puffins, guillemots, murrelets, auklets, gulls, and terns are included. MRP

Gulf of Alaska - Kodiak (Kodiak Is.)
Shorebirds, seabirds, waterfowl
Abundance, distribution, breeding biology, annotated list

- *112. DICK, M. 1979. Notes on the winter seabirds of Chiniak Bay, Kodiak Island, Alaska, pp. 492-516. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 2. NOAA, Environ. Res. Lab., Boulder, Colo.

This report presents an annotated list of the 42 species of marine birds observed in Chiniak Bay during the winter of 1976-1977. Information on food habits is presented for a few species. Methods for ageing Marbled Murrelets in winter are suggested. CMH

Gulf of Alaska - Kodiak (Chiniak Bay)
Shorebirds, seabirds, waterfowl, other
Annotated list, abundance, food

113. DICK, M.H., and L.S. DICK. 1971* The Natural History of Cape Peirce and Nanvak Bay, Cape Newenham National Wildlife Refuge, Alaska. Unpublished final report. U.S. Fish and Wildl. Serv., Bethel, Alaska. 78 pp.

This report provides data on weather, geology, habitat, flora, invertebrates, fish, birds, mammals, and archaeology of the Cape Peirce-Nanvak Bay region. MRP

Bering Sea - Bristol Bay (Cape Peirce, Nanvak Bay)
Shorebirds, seabirds, waterfowl, other
Annotated list, management, habitat

- *114. DICK, M., I.M. WARNER, and R. MACINTOSH. 1976. Small Boat Census of Seabirds: Marmot and Chiniak Bays, Kodiak Island, Alaska, 28 June to 10 August 1975. Unpublished report. U.S. Fish and Wildl. Serv., Anchorage, Alaska. 11 pp.

The authors present transect data from small boat censuses and discuss the advantages and disadvantages of censusing by this method. MRP

Gulf of Alaska - Kodiak (Kodiak Is.)
Shorebirds, seabirds, waterfowl, other
Abundance, techniques

- *115. DIVOKY, G.J. 1972. The pelagic birds and mammals of the Chukchi Sea in fall. M.S. thesis. Michigan State Univ., East Lansing. 97 pp.

This thesis describes the distribution of birds and mammals observed from a vessel in the eastern Chukchi Sea between September 22 and October 27, 1970. Species accounts are presented; the relation of the ice edge to the distribution of birds and their foods is discussed. MRp

Arctic - Chukchi

Shorebirds, seabirds, waterfowl, other
Distribution, abundance, food, migration

- *116. DIVOKY, G.J. 1977. The distribution, abundance, and feeding ecology of birds associated with pack ice, pp. 525-573. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 2. NOAA, Environ. Res. Lab., Boulder, Colo.

This reports preliminary results of a study of the distribution, abundance, and feeding ecology of birds associated with pack ice in the Bering, Chukchi, and Beaufort Seas. Information on distribution and abundance, obtained from shipboard cruises, is discussed. Potential impacts from oil spills are assessed. CMH

Arctic - Beaufort, Chukchi

Bering Sea
Shorebirds, seabirds, waterfowl
Distribution, abundance, pollution

- *117. DIVOKY, G.J. 1978. The distribution, abundance, and feeding ecology of birds associated with pack ice, pp. 167-509. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 2. NOAA, Environ. Res. Lab., Boulder, Colo.

This report maps the distribution and abundance of each species of bird observed during 11 cruises in 1977 in the Bering, Chukchi, and Beaufort Seas. Stomach contents of Black-legged Kittiwakes and Common and Thick-billed Murres are tabulated. An appended report summarizes information on seasonal habitat use, reproductive phenology and success, and foods of birds on Cooper Island from 1975-77. Effects of human disturbance are also discussed. CMH

Arctic - Chukchi, Beaufort

Bering Sea
Shorebirds, seabirds, waterfowl, other
Distribution, abundance, food, habitat, disturbance

118. DIVOKY, G.J. 1978. Identification, documentation, and delineation of coastal migratory bird habitat in Alaska, pp. 482-569. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 1. NOAA, Environ. Res. Lab., Boulder, Colo.

Part one of this report summarizes by species the numbers of nests found on each barrier island and spit between Cape Lisburne and Demarcation Point in 1977. Information on breeding phenology is included for seven species. In part two, stomach contents of 11 species of marine birds are tabulated. CMH

Arctic - Chukchi, Beaufort
Shorebirds, seabirds, waterfowl, other
Distribution, abundance, reproduction, food

- *119. DIVOKY, G.J. 1979. Sea ice as a factor in seabird distribution and ecology in the Beaufort, Chukchi, and Bering Seas. U.S. Fish and Wildl. Serv., Wildl. Res. Rep. 11:9-17.

This paper discusses the relationship of sea ice to seabirds. The amount of surface area available for feeding and roosting, the reduction of prey abundance due to ice scour, the decrease in productivity of water covered by ice, and the spring plankton bloom are addressed. MRP

Arctic - Beaufort, Chukchi
Bering Sea
Shorebirds, seabirds, waterfowl
Distribution, habitat, food

- *120. DIVOKY, G. J., and A.E. GOOD. 1979. The distribution, abundance, and feeding ecology of birds associated with pack ice, pp. 330-599. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 1. NOAA, Environ. Res. Lab., Boulder, Colo.

This report presents data from two studies. First, pelagic distribution and abundance are mapped for each species observed during surveys of the Beaufort, Chukchi and Bering Seas. Densities are analyzed in relation to distance from land. In the second study, ground surveys were conducted at 12 coastal sites to determine seasonal use of habitats by birds. Tables indicate relative abundance in each habitat for all species recorded. Results of aerial surveys provide linear densities of birds along the coast. Age ratios of Glaucous Gulls are discussed. CMH

Arctic - Beaufort, Chukchi
Bering Sea
Shorebirds, seabirds, waterfowl, other
Distribution, abundance, habitat

121. DIXON, J. 1907. Some experiences of a collector in Alaska. Condor 9:128-135.

The author details his experiences collecting birds in southeastern Alaska during the period May 2 - July 8, 1907. References to species collected appear within daily narrative accounts. REG

Gulf of Alaska - Southeastern
Shorebirds, seabirds, waterfowl, other
Specimen record, public interest, distribution

122. DIXON, J. 1908. Field notes from Alaska. Condor 10:139-143.

These field notes from a member of the 1908 Alexander Alaska Expedition consist of several anecdotes about birds encountered in Prince William Sound. NMH

Gulf of Alaska - Prince William Sound
Seabirds, other
Horned Puffin, Tufted Puffin
Annotated list

123. DIXON, J.S. 1938. Birds and Mammals of Mt. McKinley Park, Alaska. Nat. Parks Fauna Ser. No. 3. 236 pp.

In the section on birds (pages 25-132), this paper includes a "checklist of 107 species and 5 hypothetical ones. Descriptive and distributional list follows." (From T.J. Cade, 1953, A Synoptic Bibliography of Alaskan Ornithology, Univ. Calif. Dept. Zool., Los Angeles. Original not seen). CMH

Interior - Tanana (Mt. McKinley National Park)
Shorebirds, seabirds, waterfowl, other
Checklist, annotated list, distribution

124. DIXON, J.S. 1943. Birds observed between Point Barrow and Herschel Island on the Arctic Coast of Alaska. Condor 45:49-57.

This narration of an Arctic expedition in 1913-1914 includes an annotated list of birds encountered and collected. NMH

Arctic - Beaufort
Shorebirds, seabirds, waterfowl, other
Annotated list, specimen record

- *125. DRURY, W.H. 1976. Waterfowl and shorebirds of coastal habitats on the south shore of Seward Peninsula, Alaska, pp. 555-596. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports from Principal Investigators, Vol. 2. NOAA, Environ. Res. Lab., Boulder, Colo.

This report provides annotated accounts for the 58 species of water-associated birds observed on the south side of the Seward Peninsula during summer 1975. Included is information on occurrence and general habitat use. Management concerns are discussed. CMH

Bering Sea - Norton Sound (Seward Peninsula)
Shorebirds, seabirds, waterfowl
Annotated list, habitat, distribution, subsistence, management, pollution

126. DUFRESNE, F. 1942. Mammals and Birds of Alaska. U.S. Fish and Wildl. Serv., Circ. No. 3. 37 pp.

This contains "short sections headed: migratory birds; duck, geese, other migrants; sea birds; native upland game birds; birds of prey; song birds." (From T.J. Cade, 1953, Synoptic Bibliography of Alaskan Ornithology, Univ. Calif. Dept. Zool., Los Angeles. Original not seen.) CMH

Alaska
Shorebirds, seabirds, waterfowl, other

- *127. DWYER, T. J., P. ISLEIB, D. A. DAVENPORT, and J. L. HADDOCK. Undated, ca. 1975. Marine Bird Populations in Prince William Sound, Alaska. Unpublished report. U.S. Fish and Wildl. Serv., Anchorage, Alaska. 21 pp.

Data are presented on the species composition and abundance of marine birds in Prince William Sound. Shoreline and open water habitats were systematically censused from a fishing boat during the March-April and July-August periods of 1972 and 1973. Densities and population estimates are provided for the major species in the sound. Accuracy of the survey and potential impacts to avian populations from oil development are discussed. CMH

Gulf of Alaska - Prince William Sound
Seabirds, waterfowl, other
Abundance, techniques, pollution

128. EINARSEN, A.S. 1922. Alaska notes. Murrelet 3(3):4.

This paper lists "some species noted May 28, 1922, at Ugashik, Alaska Peninsula." (From Gabrielson and Lincoln, Birds of Alaska, 1959. Original not seen.) CMH

Bering Sea - Bristol Bay (Ugashik)
Distribution

129. ELLIOTT, H.W. 1880. Report on the Seal Islands of Alaska. U. S. Census Office, Washington, D.C. 188 pp.

A chapter is devoted to the birds observed during summers 1872-1876. An annotated list of 40 species, including 33 water birds, provides information on their status, relative abundance, behavior, habitat use, and use by natives for subsistence. CMH

Bering Sea - Pribilof Is.

Shorebirds, seabirds, waterfowl, other

Annotated list, subsistence, behavior, habitat

130. ELLIOTT, H.W. 1882. Report on the Seal Islands of Alaska. U. S. Comm. Fish and Fisheries, Spec. Bull. 176, Sect. 9, Monogr. A. 188 pp.

This is primarily a report on the pinnipeds of the Pribilof Islands, but an annotated list of avian species is included. NMH

Bering Sea - Pribilof Is.

Shorebirds, seabirds, waterfowl, other

Annotated list

131. ELLIS, W.W. 1783. A Narrative of a Voyage Performed by Captains Cook and Clarke, of the Resolution and Discovery, in the Years 1776, 7, 8, 9, and 1780. 2 vols. London.

This narrative contains a "list of birds collected, including many type specimens." (From Gabrielson and Lincoln, Birds of Alaska, 1959. Original not seen.) CMH

Alaska

Checklist, specimen record

132. EMISON, W.B., F.S.L. WILLIAMSON, and C.M. WHITE. 1971. Geographical affinities and migrations of the avifauna on Amchitka Island, Alaska. Bio. Sci. 21:627-630.

This paper discusses the geographical areas to which the Amchitka avifauna are most closely allied. REG

Aleutians - (Amchitka Is.)

Shorebirds, seabirds, waterfowl, other

Annotated list, migration, distribution, zoogeography

133. EVERMANN, B.W. 1913. Eighteen species of birds new to the Pribilof Islands, including four new to North America. Auk 30:15-18.

The author records 18 species new to the Pribilof Islands, including 11 species of water birds. CMH

Bering Sea - Pribilof Is.
Shorebirds, seabirds, waterfowl, other
Distribution, annotated list

134. EYERDAM, W.J. 1936. Notes on birds collected or observed during the summer of 1932 in the eastern Aleutian Islands, Alaska. Murrelet 17:48-52.

The author provides dates, locales, and numbers of 43 species of birds collected or observed during the summer of 1932. Included are 30 species of water birds. REG

Aleutians - (Unimak Is., Unalaska Is., Umnak Is.)
Shorebirds, seabirds, waterfowl, other
Annotated list, distribution, abundance

135. FAY, F.H., and T.J. CADE. 1959. An ecological analysis of the avifauna of St. Lawrence Island, Alaska. Univ. Calif. Publ. Zool. 63:73-150.

This monograph includes sections on: the history of exploration of the island, **physiography**, climate, vegetation, vertebrate predator-prey relationships, numbers and biomass of birds, **faunal** associations, and annotated species accounts. Within the latter, 119 species are treated, of which some 80 are water-associated. Several photographs are appended. REG

Bering Sea - St. Lawrence Is.
Shorebirds, seabirds, waterfowl, other
Abundance, annotated list, distribution, habitat, predation

136. FIGGINS, J.D. 1904. Field notes on the birds and mammals of the Cook's Inlet Region of Alaska (Abstract). Proc. Linn. Soc. New York Nos. 15-16:15-39.

This paper "includes a list of 85 species." (From Gabrielson and Lincoln, Birds of Alaska, 1959. Original not seen.) CMH

Gulf of Alaska - Cook Inlet
Shorebirds, seabirds, waterfowl, other
Checklist

137. FLOCK, W.L. 1974. Radar studies of bird movements in Alaska and the Arctic, pp. 409-420. In S.A. Gouthreaux (cd.), A Conference of the Biological Aspects of the Bird/Aircraft Collision Problem. Clemson Univ., Dept. Zool., Clemson, S. Carolina.

This paper evaluates the capability of radar stations in Alaska and Canada to monitor migration of birds and ultimately reduce the hazard of bird/aircraft collisions. Areas of high concentrations of migrating birds are discussed. CMH

Alaska

Shorebirds, waterfowl
Migration, management, techniques

138. FLOCK, W.L. 1976. Bird migration at Cape Prince of Wales: Radar and visual observations, pp. 276-320. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports from Principal Investigators, Vol. 4. NOAA, Environ. Res. Lab., Boulder, Colo.

This report summarizes radar and visual observations of spring migration in 1975. Techniques are discussed. A checklist gives the dates of first observation for 39 species. CMH

Bering Sea - Norton Sound (Cape Prince of Wales)
Shorebirds, seabirds, waterfowl, other
Migration, techniques, checklist

139. FLOCK, W.L., and J.D. HUBBARD. 1979. Environmental studies at the Bering Strait, pp. 713-769. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 2. NOAA, Environ. Res. Lab., Boulder, Colo.

This report discusses visual and radar observations of birds during spring 1978 at Wales and Tin City, Alaska. Abundance, flock size and frequency, direction of movement, and radar techniques are addressed. An annotated list summarizes information for the 87 species observed. CMH

Bering Sea - Norton Sound (Cape Prince of Wales)
Shorebirds, seabirds, waterfowl, other
Annotated list, migration, techniques, abundance

- *140. FORSELL, D.J., and P.J. GOULD. 1980. Distribution and Abundance of Seabirds Wintering in the Kodiak Area of Alaska. Unpublished final report. U.S. Fish and Wildlife Serv., Anchorage, Alaska. 83 pp.

This report presents results of aerial and shipboard surveys of coastal and offshore waters of the Kodiak Island archipelago. Annotated accounts are presented for the 58 species of birds observed during the study, which spanned from November 1979 through March 1980. Patterns of distribution are discussed. Data for each species are presented in detailed tables and maps. CMH

Gulf of Alaska - Kodiak
Shorebirds, seabirds, waterfowl, other
Annotated list, distribution, abundance, habitat

- *141. FRAME, G.W. 1973. Occurrence of birds in the Beaufort Sea, summer 1969. Auk 90:552-563.

This report describes the numbers and distribution of the ten species of birds sighted along a 1,340 statute mile cruise track between August 3 and 15, 1969. The distribution and abundance of each species are mapped and correlated with water depth, distance from land, and ice cover. REG

Arctic - Beaufort
Shorebirds, seabirds
Abundance, distribution, habitat

142. FRIEDMANN, H. 1932. The birds of St. Lawrence Island, Bering Sea. Proc. U.S. Natl. Mus. 80(12):1-31.

This paper documents the avian species encountered and collected during an expedition to St. Lawrence Island in 1930. Included is a description of the habitat and a history of previous expeditions to the island. NMH

Bering Sea - St. Lawrence Is.
Shorebirds, seabirds, waterfowl, other
Annotated list

143. FRIEDMANN, H. 1934. Bird bones from Eskimo ruins on St. Lawrence Island, Bering Sea. *J. Wash. Acad. Sci.* 24:83-96.

This paper presents a list of 45 species of water-oriented birds found in Eskimo ruins on St. Lawrence Island. Ten species are new to the known avifauna of the island. MRP

Bering Sea - St. Lawrence Is.
Shorebirds, seabirds, waterfowl
Archaeology, distribution

144. FRIEDMANN, H. 1934* Bird bones from old Eskimo ruins in Alaska. *J. Wash. Acad. Sci.* 24:230-237.

This paper lists the species and the bone fragments found in four archeological sites along coastal Alaska. Twenty-one species of water birds were identified from Amaknak Island, 19 from Kodiak Island, 13 from Cape Denbeigh, and 3 from Kowieruk. MRP

Aleutians - (Amaknak Is.)
Gulf of Alaska - Kodiak (Kodiak Is.)
Bering Sea - Norton Sound (Cape Denbeigh, Imaruk Basin)
Seabirds, waterfowl, other
Archaeology

145. FRIEDMANN, H. 1935. Avian bones from prehistoric ruins on Kodiak Island, Alaska. *J. Wash. Acad. Sci.* 25:44-51.

This reports "material collected by Hrdlicka in 1934, containing bones of 40 species." (From T.J. Cade, 1953, A Synoptic Bibliography of Alaskan Ornithology, Univ. Calif. Dept. Zool., Los Angeles. Original not seen.) CMH

Gulf of Alaska - Kodiak (Kodiak Is.)
Archaeology

146. FRIEDMANN, H. 1935. The birds of Kodiak Island, Alaska. *Bull. Chicago Acad. Sci.* 5:13-54.

This paper remains the classic work on the birds of Kodiak. Some 140 species, over half of them water birds, are treated in annotated accounts. The species accounts are preceded by an extensive review of the history of ornithological work on Kodiak. REG

Gulf of Alaska - Kodiak (Kodiak Is.)
Shorebirds, seabirds, waterfowl, other
Annotated list, specimen record

- 1470 FRIEDMANN, H. 1937. Bird bones from archaeological sites in Alaska. J. Wash. Acad. Sci. 27:431-438.

This paper presents information from collections of bird bones from archaeological excavations on Kodiak, Little Kiska, Umnak, Atka, and Attu Islands. The species and bones found are listed for each island. MRP

Gulf of Alaska - Kodiak (Kodiak Is.)
Aleutians- (Little Kiska Is., Umnak Is., Atka Is., Attu Is.)
Seabirds, waterfowl, other
Checklist, archaeology

148. FRIEDMANN, H. 1941. Bird bones from Eskimo ruins at Cape Prince of Wales, Alaska. J. Wash. Acad. Sci. 31:404-409.

This paper reports on bird bones found in Eskimo ruins as old as 1,500 years. All but three of the 47 species identified were water birds. MRP

Bering Sea - Norton Sound (Cape Prince of Wales)
Seabirds, waterfowl, other
Archaeology

149. GABRIELSON, I.N. 1940. America's greatest bird concentrations. Bird-Lore 42:497-506.

GABRIELSON, I.N. 1941. America's greatest bird concentrations. Audubon Msg. 43:15-23.

This article, presented in two installments, provides a narrative description of the breeding birds observed at seabird colonies on several National Wildlife Refuges in Alaska. Observations were conducted from the Brown Bear as it sailed along the coast from Juneau as far north as St. Matthew Island, throughout the Aleutians, and eastward to Nunivak Island. MRP

Gulf of Alaska
Aleutians
North Pacific
Bering Sea
Shorebirds, seabirds, waterfowl, other
Public interest, distribution

150. GABRIELSON, I.N. 1943. Wildlife Refuges. MacMillan Company, New York. 257 pp.

This book provides a history and the current status of refuges in North America. Chapters having information pertinent to Alaska include: "Alaska's Great Bird Cities," "Special Refuges," "The Fur-Seal Islands," "Big-Game Refuges," "General Wildlife Refuges," and "Migratory Waterfowl Refuges." MRP

Alaska
Shorebirds, seabirds, waterfowl, other
Public interest

151. GABRIELSON, I.N. 1944. Some Alaskan notes. Auk 61:270-287.

Information is presented in annotated format for 11 seabirds and 84 other species. MRP

Gulf of Alaska
Aleutians
North Pacific
Interior
Bering Sea
Seabirds, other
Annotated list

152. GABRIELSON, I.N., and F.C. LINCOLN. 1959. The Birds of Alaska. Wildlife Management Institute, Washington, D.C. 922 pp.

This book presents published and unpublished information on the distribution, migration, and habits of birds in Alaska. It is the classic reference book for the natural history of Alaska birds. MRP

Alaska
Shorebirds, seabirds, waterfowl, other
Abundance, distribution, migration, annotated list, status,
plumage, habitat, behavior, bibliography

153. GAVIN, A. 1970. Ecological Survey of Alaska's North Slope, Summer 1969 and 1970. Atlantic Richfield Co., Anchorage, Alaska. 14 pp.
- Summarized in this report for public interest is very general information on composition of species observed during aerial water bird surveys, chronology, production, and habitat use. A briefly annotated list of the 54 species observed, including 40 water birds, is appended. CMH
- Arctic - Beaufort
Shorebirds, seabirds, waterfowl, other
Public interest, abundance, reproduction, migration, annotated list
154. GAVIN, A. 1974. Wildlife of the North Slope/A Five Year Study, 1969-1973. Atlantic Richfield Company, Anchorage, Alaska. 63 pp"
- In this colorful brochure, the author summarizes general results of studies of waterfowl and other wildlife in relation to oil development on the North Slope. Tables show estimates of waterfowl populations and production. A briefly annotated list provides information on timing of migration, nesting, and abundance for the 67 species of birds recorded on surveys. CMH
- Arctic - Beaufort (Prudhoe Bay)
Shorebirds, seabirds, waterfowl, other
Public interest, annotated list, abundance, reproduction, migration
155. GAVIN, A. 1975. Wildlife of the North Slope: The Sixth Year of Study. Atlantic Richfield Company, Anchorage, Alaska. 16 pp.
- This pamphlet includes a general summary of the breeding season at Prudhoe Bay in 1974, with estimates of waterfowl populations and production. CMH
- Arctic - Beaufort (Prudhoe Bay)
Waterfowl
Public interest, abundance, disturbance

156. GAVIN, A. 1979. **Wildlife of the North Slope: The Islands Offshore Prudhoe Bay, The Snow Geese of Howe Island, the Seventh Year of Study.** Atlantic Richfield Company, Anchorage, Alaska.

This brochure describes briefly the physical characteristics and **avian** use of each of the barrier islands of the Beaufort Sea. Tables show the number of nests of each species recorded per island from 1970-1975. General observations on Snow Geese nesting on Howe Island are summarized for the same period, and the overall production of ducks and geese near Prudhoe Bay in 1975 is briefly noted. CMH

Arctic - Beaufort (Barrier islands, **Prudhoe Bay**)

Shorebirds, seabirds, waterfowl, other

Public interest, abundance, reproduction, disturbance, habitat

157. GAVIN, A. 1980. **Wildlife of the North Slope; A Ten-Year Study 1969-1978.** Atlantic Richfield Company, Anchorage, Alaska.

This colorfully illustrated publication includes a broad summary of trends noted over a 10-year period in populations and production of birds in the vicinity of Prudhoe Bay **oilfields**. The effects of disturbance are discussed. CMH

Arctic - Beaufort (Prudhoe Bay)

Shorebirds, seabirds, waterfowl, other

Public interest, disturbance, abundance, reproduction

158. **GIANINI, C.A.** 1917. **Some Alaska Peninsula bird notes.** Auk **34:394-402.**

This paper discusses the occurrence of some 50 species of birds, 27 of them water-associated, seen in the Stepovak Bay area from May 25 to July 17, 1917. REG

North Pacific - (**Stepovak Bay**)

Shorebirds, seabirds, waterfowl, other

Annotated list, distribution

159. GIBSON, D.D. 1970. Recent observations at the base of the Alaska Peninsula. Condor 72:242-243.

This note gives annotated accounts for 17 species of birds, 10 of them water-associated forms, recorded at Katmai National Monument in 1968. Many of these represent first records for the area.
REG

Gulf of Alaska - Kodiak (Katmai)
Shorebirds, seabirds, waterfowl, other
Annotated list, distribution

160. GIBSON, D.D. 1976. Bird Species and Habitat Inventory, Alexander Archipelago, Alaska. Unpublished contract report to U.S. Forest Service. Univ. Alaska Mus., Fairbanks. 66 pp.

Not reviewed.

Gulf of Alaska - Southeastern (Alexander Archipelago)
Shorebirds, seabirds, waterfowl, other

1610. GIBSON, D.D. 1977. Checklist, Birds of Alaska. University of Alaska Museum, Fairbanks. 2 pp.

This is a checklist of all birds that have been identified in Alaska. The list is updated at irregular intervals. Gibson and his colleague, B. Kessel, maintain close ties with ornithologists within the state and the checklist provides the most complete list of Alaska birds that is available. CJL

Alaska
Shorebirds, seabirds, waterfowl, other
Checklist

162. GIBSON, D.D., and S.O. MACDONALD. 1975. Bird Species and Habitat Inventory of Mainland and Southeast Alaska, Summer 1974. Unpublished contract report to U.S. Forest Service. Univ. Alaska Mus., Fairbanks. 73 pp.

In tables and an annotated species list, the authors provide information on the occurrence, relative abundance, breeding status, and habitat use of the birds observed in the six major river drainages of southeastern Alaska. Of the 102 species recorded, 28 are water-associated. CMH

Gulf of Alaska - Southeastern
Shorebirds, seabirds, waterfowl, other
Annotated list, habitat, distribution, abundance

163. GILHAM, C.E. 1941. Report of Alaska Waterfowl Investigations, Lower Yukon River, Chevak, Hooper Bay. Unpublished report. U.S. Fish and Wildl. Serv., Juneau, Alaska. 148 pp.

This report contains an annotated list of the birds and mammals observed during summer 1941, and includes information on their distribution, abundance, habitat, and breeding status. Most observations concentrated on waterfowl in the vicinity of Chevak and Hooper Bay, and subsistence and management considerations are discussed at length. Of the 64 species of birds noted, 47 are water birds. CMH

Bering Sea - Yukon Delta
Interior - Tanana
Shorebirds, seabirds, waterfowl, other
Annotated list, subsistence, management

164. GILL, R., P.D. JORGENSEN, A.R. DEGANGE, and P. KUST, SR. 1977. Avifaunal assessment of Nelson Lagoon, Port Moller and Herendeen Bay, Alaska, 594-632 pp. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 4. NOAA, Environ. Res. Lab., Boulder, Colo.

The avian ecology of this estuarine system is examined. Included is an annotated list of the 107 species of birds observed, including 77 water-associated forms. REG

Bering Sea - Bristol Bay (Nelson Lagoon, Port Moller, Herendeen Bay)
Shorebirds, seabirds, waterfowl, other
Distribution, abundance, habitat, annotated list

165. GLENN, E. F., and W.R. ABERCROMBIE. 1899. Reports of Explorations in the Territory of Alaska (Cooks Inlet, Sushitna, Copper, and Tanana Rivers) 1898. War Dept. No. 25, Govt. Printing Office, Washington, D.C. 462 pp.

Included is a list of 57 species of birds observed in the Copper River Valley, 18 of which are water-associated forms. REG

Gulf of Alaska - Cook Inlet, Copper River
Shorebirds, seabirds, waterfowl, other
Checklist

166. GOLLOP, M.A., and W.J. RICHARDSON. 1974. Inventory and habitat evaluation of bird breeding and molting areas along the Beaufort Sea coast from Prudhoe Bay, Alaska to Shingle Point, Yukon Territory, July, 1973. *Arct. Gas Biol. Rep. Ser.* 26:1-61.

This paper presents information on the location of breeding and molting areas along the Beaufort Sea coast and identifies specific habitat features characteristic of these areas. MRP

Arctic - Beaufort
Seabirds, waterfowl
Whistling Swan, Brant, Oldsquaw, Common Eider, Surf Scoter,
Glaucous Gull, Arctic Tern
Abundance, distribution, habitat

167. GORDON, R.J. 1968. 1967 Summer resident birds in the Juneau, Alaska area. *Bull. Alaska Ornithol. Soc.* 6:3-5. (Mimeo)

Not reviewed.

Gulf of Alaska - Southeastern (Juneau)

- *168. GOULD, P.J. 1977. Shipboard surveys of marine birds, pp. 193-284. In *Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 3.* NOAA, Environ. Res. Lab., Boulder, Colo.

This report presents a preliminary analysis of observations of birds during 43 shipboard cruises in Alaska waters in 1976 and 1977. Relative abundance is summarized for each species by region and month. Distribution and abundance are mapped by month for all species combined. Seasonal mean densities are compared for offshore regions. CMH

Alaska
Shorebirds, seabirds, waterfowl, other
Distribution, abundance

169. GRINNELL, J.G. 1898. Summer birds of Sitka, Alaska. *Auk* 15:122-131.

This paper provides brief annotated accounts for 66 species of birds observed in the region about Sitka between June 8 and August 24, 1896. Included are 32 species of water birds. REG

Gulf of Alaska - Southeastern (Sitka)
Shorebirds, seabirds, waterfowl, other
Annotated list, distribution

170. GRINNELL, J. 1900. Birds of the Kotzebue Sound Region, Alaska. Pac. Coast Avifauna 1. 81 pp.

This paper reports observations and collections of birds and eggs from the Kotzebue Sound area during 1898 and 1899. MRP

Arctic - Kotzebue Sound
Shorebirds, seabirds, waterfowl, other
Annotated list, distribution, specimen record

171. GRINNELL, J. 1900. Notes on some birds of Cape Nome, Alaska. Condor 2:112-115.

This account lists the species observed in fall 1899 in the Nome vicinity, and provides general observations on relative abundance and habitat use. Fifteen of the 32 species are marine-associated. CMH

Bering Sea - Norton Sound (Cape Nome)
Shorebirds, seabirds, waterfowl, other
Annotated list

172. GRINNELL, J. 1901. Record of Alaskan birds in the collection of the Leland Stanford Junior University. Condor 3:19-23.

Avian specimens from Alaska in the collection of Stanford University are listed according to site of origin: Pribilof Islands, Amaknak Island, Belkovsky Bay, Unga Island, Kodiak Island, and Prince William Sound. NMH

Bering Sea - Pribilof Is.
North Pacific (Belkovsky Bay, Unga Is.)
Aleutians - (Amaknak Is.)
Gulf of Alaska - Kodiak, Prince William Sound
Shorebirds, seabirds, waterfowl, other
Specimen record

173. GRINNELL, J. 1910. Birds of the 1908 Alexander Alaska Expedition with a note on the avifauna relationships of the Prince William Sound district. Univ. Calif. Publ. Zool. 5(12):361-428.

This report consists of an annotated list of birds encountered and collected in Prince William Sound, together with notes on species composition and origin. There is a short discussion on the selection for melanism in species endemic to this humid region. NMH

Gulf of Alaska - Prince William Sound
Shorebirds, seabirds, waterfowl, other
Annotated list, zoogeography, plumage

174. GRINNELL, J.G. 1910. Miscellaneous records from Alaska. Condor 12:41-43.

This note enumerates specimen records of 35 species of birds collected at various locations in Alaska between 1894 and 1901. Only three species, totaling 12 individuals, are ~~marine-~~associated. REG

Alaska
Shorebirds, other
Hudsonian Godwit, Bar-tailed Godwit, Greater Yellowlegs
Distribution, specimen record

175. GRINNELL, J., F. STEPHENS, J. DIXON, and E. HELLER. 1909. Birds and mammals of the 1907 Alexander Expedition to southeastern Alaska. Univ. Calif. Publ. Zool 5:171-264.

This report presents information on the habitats of the various localities visited by the expedition, and presents detailed annotated accounts of birds and mammals observed. Of the 104 taxa of birds recorded, 54 are water-oriented forms. MRP

Gulf of Alaska - Southeastern (Sitka district)
Shorebirds, seabirds, waterfowl, other
Annotated list, specimen record, habitat

176. GRISCOM, L. 1923. Description of apparently new birds from North America and the West Indies. Am. Mus. Novit. 71:1-8.

Not reviewed.

Alaska
Specimen record

- 177* GROMME, O.J. 1927. Some highlights on the faunal life of the Alaskan Peninsula. Milwaukee Publ. Mus. Yearbook 7:30-45.

This popular article provides very interesting reading, with much of the information supported by photographs. The author details his experience of camping and hunting in the vicinity of Port Moller, Nelson Lagoon, and Mt. Pavlof in 1927, and discusses many aspects of the avifauna of these areas. REG

Bering Sea - Bristol Bay (Nelson Lagoon, Port Moller, Mt. Pavlof)
Shorebirds, seabirds, waterfowl, other
Public interest, distribution

178. HADDOCK, J.L., and C.D. EVANS. 1975. Spring Bird Populations on Alaska's Arctic Slope. Unpublished report. U.S. Fish and Wildl. Serv., Anchorage, Alaska. 44 pp.

This report presents information on the number and distribution of birds using wetlands on the Arctic Slope, and discusses the relationships between birds and habitat. The use of aerial surveys to determine abundance of birds is discussed and recommendations are given for protecting bird populations. MRP

Arctic - Beaufort
Shorebirds, seabirds, waterfowl, other
Distribution, abundance, techniques, management, habitat

179. HALKETT, A. 1898. An Ottawa naturalist's journey westward. III. The Aleutian Islands and Behring Sea. Ottawa Nat. 12:81-85.

This brief narrative account describes the birds, mammals, and invertebrates seen by the author in the Aleutian Islands and Bering Sea. Observations of water birds include Canada Geese, Aleutian Terns, Fork-tailed Storm-Petrels, murrelets, and Tufted Puffins. MRP

Aleutians - (Unalaska Is.)
Bering Sea
Seabirds, waterfowl, other
Fork-tailed Storm-Petrel, Canada Goose, Aleutian Tern, Tufted Puffin
Public interest

180. HALL, G.E. 1971. A Summary of Observations of Birds at Oliktok Point - Summer 1971. Unpublished report. Univ. Alaska, Inst. Marine Sci., College, Alaska. 31 pp.

The author provides an annotated list of birds observed on the Colville River Delta during summer 1971. REG

Arctic -Beaufort (Colville R.)
Shorebirds, seabirds, waterfowl, other
Annotated list

181. HANNA, G.D. 1916. Records of birds new to the Pribilof Islands, including two new to North America. Auk 33:400-403.

Annotated accounts of 13 species new to either North America or the Pribilof Islands are presented. Seven of these are water-associated forms. REG

Bering Sea - Pribilof Is.
Shorebirds, seabirds, waterfowl, other
Annotated list, specimen record

182. HANNA, G.D. 1917. The summer birds of the St. Matthew Island Bird Reservation. Auk 34:403-410.

This paper gives an annotated list of 36 species of birds observed on the refuge from July 8 to 14, 1916. Included are notes by A.K. Fisher recording his visit to the islands from July 14 to 15, 1899, as a member of the Harriman Expedition. MRP

Bering Sea - St. Matthew Is., Hall Is., Pinnacle Is.
Shorebirds, seabirds, waterfowl, other
Annotated list

183. HANNA, G.D. 1919. Additions to the avifauna of the Pribilof Islands, Alaska, including species new to North America. J. Wash. Acad. Sci. 9:176-177.

This is a summary of a paper presented at the 590th meeting of the Biological Society of Washington. The author presented accounts of 21 species, including 13 water-associated forms, new to North America or the Pribilof Islands. REG

Bering Sea - Pribilof Is.
Shorebirds, seabirds, waterfowl, other
Annotated list, specimen record

184. HANNA, G.D. 1919. Birds, pp. 105-107. In W.T. Bower. Alaska Fisheries and Fur Industries in 1918. Bur. Fish. Dec. 872. Govt. Print. Off., Washington, D.C.

Hanna provides a checklist of the 129 species of birds recorded from the **Pribilof** Islands, and names the persons first recording each species there. He also indicates the species which breed regularly or are regular migrants. Eighty-seven of the species are water-related. CMH

Bering Sea - **Pribilof** Is.
Shorebirds, seabirds, waterfowl, other
Checklist, specimen record

185. HANNA, G.D. 1920. Additions to the avifauna of the **Pribilof** Islands, Alaska, including four species new to North America. Auk 37:248-254.

Presented are annotated accounts of 21 species new to either North America or the **Pribilof** Islands. REG

Bering Sea - **Pribilof** Is.
Shorebirds, seabirds, waterfowl, other
Short-tailed Shearwater, Snow Goose, **Falcated** Teal, Canvasbacks, Common Goldeneye, Spectacle Eider, White-winged Scoter, **Bristle-thighed** Curlew, Polynesian Tattler, Marbled Murrelet
Specimen record, distribution

- 186* HANNA, G.D. 1920. New and interesting records of **Pribilof** Island birds. Condor 22:173-175.

The author details accounts of three species new to the islands, including a European Jacksnipe and Long-billed **Dowitcher**. He also offers notes on six other species and presents a table of breeding species for each of the five main islands and rocks comprising the **Pribilof** group. REG

Bering Sea - **Pribilof** Is.
Shorebirds, seabirds, waterfowl, other
Annotated list

187. HARRIS, S.W. 1966. Summer birds of the Lower Kashunuk River, Yukon-Kuskokwim Delta, Alaska. Murrelet 47:57-65.

Annotated accounts of 58 species are presented, including 44 marine forms. Observations were gathered during the summers of 1962 and 1963 and came mostly from areas of wet lowland tundra and coastal salt meadows. REG

Bering Sea - Yukon Delta (Kashunuk R.)
Shorebirds, seabirds, waterfowl, other
Annotated list, habitat, abundance

- *188. HARRISON, C.S. 1977. Aerial surveys of marine birds, pp. 285-593. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 3. NOAA, Environ. Res. Lab., Boulder, Colo.

This report analyzes results of aerial surveys over Alaska offshore waters between January and October 1976. Summaries of census data, by species, month, and oceanographic region, are presented in 34 tables. Monthly distribution and abundance data are mapped by species for the Beaufort, Chukchi, and Bering Seas in 171 figures. For the Gulf of Alaska, data are mapped by month for all species combined. Observations are briefly discussed.
CMH

Alaska
Shorebirds, seabirds, waterfowl, other
Abundance, distribution

189. HARRISON, C.S., and S.A. HATCH. 1975. Field Observations on Unimak Island, Alaska, 11 to 25 August 1975. Unpublished report. U.S. Fish and Wildl. Serv., Anchorage, Alaska. 19 pp.

This report presents information from a reconnaissance of Unimak Island in 1975. Included are a description of seabird breeding areas and a checklist of 40 species, including 28 water-associated forms. MRP

Alutians - (Unimak Is.)
Shorebirds, seabirds, waterfowl, other
Techniques, checklist, distribution

190. HARTING, J.E. 1871. Catalogue of an Arctic collection of birds presented by Mr. J. Barrow, F.R.S. to the University Museum of Oxford: With notes on the species. *Proc. Zool. Soc. London* **39:110-123.**

This is a list of specimens collected from 1848 to 1855 by several British naval officers in northern North America. **Forty-eight** species, including 5 species of shorebirds, 14 species of seabirds, and 7 species of waterfowl, are listed. MRP

Alaska

Shorebirds, seabirds, waterfowl, other
Specimen record

191. HARTLAUB, G. 1883. Beitrag zur Ornithologie von Alaska. Nach den **Sammlungen** und Notizen von Dr. Arthur Krause and Dr. Aurel Krause. *Journ. für Ornith.* **31:257-286.**

This paper records an account of a collection of birds from the **Chilkat** district in 1882, and includes notes on 83 species and on the general character of the region. (From T. J. Cade, 1953, A Synoptic Bibliography of Alaskan Ornithology, Univ. Calif. Dept. Zool., Los Angeles. Original not seen.) CMH

Gulf of Alaska - Southeastern (**Chilkat**)
Shorebirds, seabirds, waterfowl, other
Annotated list, specimen record

192. HASSELBORG, A.E. 1918. Bird notes from Admiralty Island, southeastern Alaska. *Condor* **20:191.**

This short note records an abundance of owls during the harsh winter of 1917 and mentions predation by owls, eagles, and mammals on various birds. CMH

Gulf of Alaska - Southeastern (Admiralty Is.)
Seabirds, waterfowl, other
Abundance, predation

- 193* HEATH, H. 1915. Birds observed on Forrester Island, Alaska, during the summer of 1913. Condor 17:20-41.

This paper provides a detailed account of the 36 species observed one summer in the Forrester group of islands. Information on breeding status, food habits, nesting chronology and habitat, and relative abundance is presented. Fourteen of the species recorded are water birds. CMH

Gulf of Alaska - Southeastern (Forrester Is.)
Shorebirds, seabirds, waterfowl, other
Annotated list, food, reproduction

194. HEINZ, F.A., and M.D. KOOB. 1977. Investigations of Arctic Coastal Plain Avifauna. 1977 Storkersen Point Final Report. U.S. Fish and Wildl. Serv., Office of Special Studies, Anchorage, Alaska. 43 pp.

This report provides information on the abundance and distribution of birds; aquatic macroinvertebrates on control and experimentally oiled ponds; vegetation types on plots used for aerial photo interpretation; and movements and activities of large mammals. MRP

Arctic - Beaufort (Storkersen Pt.)
Shorebirds, seabirds, waterfowl, other
Abundance, distribution, habitat, migration, pollution

195. HEMMING, J.E. 1966. Notes on the status of some birds in south-central Alaska. Condor 68:163-166.

The author reports new records of occurrence or breeding for six species of birds, of which four are water birds, CMH

Gulf of Alaska - Cook Inlet
Shorebirds, waterfowl, other
European Wigeon, Canvasbacks, Hudsonian Godwit, Long-billed
Dowitcher
Distribution, abundance

196. HERSEY, F.S. 1916. A list of the birds observed in Alaska and northeastern Siberia during the summer of 1914. Smithsonian Misc. Coll. **66:1-33.**

This paper presents an annotated list of birds observed during the summer of 1914 along the Alaska coast. Pelagic observations were conducted from the Revenue Cutter Bean from May 12 to June 5 and during July and August. Ground surveys in the vicinity of Kotlik were conducted in June. MRP

Alaska
Bering Sea - Yukon Delta (Kotlik)
Shorebirds, seabirds, waterfowl, other
Annotated list

197. HERSEY, F.S. 1917. The present abundance of birds in the vicinity of Fort St. Michael, Alaska. Auk **34:147-159.**

This account summarizes the status of the avian populations in the vicinity of St. Michael in 1915. Information on relative seasonal abundance, reproductive chronology and success, and habitat use is reported. Forty-seven of the 67 species discussed are water birds. CMH

Bering Sea - Norton Sound (St. Michael)
Shorebirds, seabirds, waterfowl, other
Annotated list, reproduction, status, habitat

198. HINCKLEY, F.C. 1900. Notes on the animal and vegetable life of the region of the Sushitna and Kuskokwim Rivers, pp. 76-85. In J. E. Spurr, A reconnaissance in southwestern Alaska in 1898. U.S. Geol. Surv., 20th Ann. Rep., Part **7-B:31-264.**

The author presents annotated accounts of 73 species, including 15 species of water birds. Preceding these is a section giving a narrative account of the birds, plants, and mammals of each region visited. REG

Bering Sea - Yukon Delta
Gulf of Alaska - Cook Inlet
Interior - Upper Kuskokwim
Shorebirds, seabirds, waterfowl, other
Annotated list

199. HINE, J.S. 1919. Scientific results of the Katmai Expedition of the national Geographic Society. X. Birds of the Region. Ohio J. Sci. 19:475-486.

The author presents annotated accounts of avian species collected in the Katmai area. Included are 7 species of seabirds, 5 species of waterfowl, 9 species of shorebirds, and 16 species of landbirds. MRP

Gulf of Alaska - Kodiak (Katmai district)
Shorebirds, seabirds, waterfowl, other
Annotated list, specimen record

200. HINES, J.Q. 1963. Birds of the Noatak River, Alaska. Condor 65:410-425.

This paper provides an annotated list of the species of birds recorded during the summers of 1960 and 1961, as well as those reported historically along the Kelly and Noatak Rivers. The major vegetation types and principal avian habitats are described. Of the 83 species addressed, 35 are water birds. CMH

Arctic - Kotzebue Sound (Noatak R.)
Shorebirds, seabirds, waterfowl, other
Annotated list, habitat

- *201 . HOGAN, M.E., and W.A. COLGATE. 1980. Birds of Coastal Habitats in Port Valdez and Valdez Arm, Alaska. Unpublished report. U.S. Fish and Wildl. Serv., Office of Special Studies, Anchorage, Alaska. 58 pp.

This report presents data on the use of coastal and marine habitats by birds in Port Valdez and Valdez Arm in summer and winter. Results of systematic censuses conducted over various habitats are discussed. Information on reproductive phenology and success is presented for Glaucous-winged Gulls, Black-legged Kittiwakes, and Arctic Terns. Observations of waterfowl broods are tabulated and discussed. Recommendations are made for protecting critical habitats in the area from possible impacts of oil development. CMH

Gulf of Alaska - Prince William Sound (Port Valdez, Valdez Arm)
Shorebirds, seabirds, waterfowl, other
Checklist, habitat, abundance, pollution, reproduction

202. HOLMES, R.T., and C.P. BLACK. 1973. Ecological distribution of birds in the Kolomak River-Askinuk Mountain Region, Yukon-Kuskokwim Delta, Alaska. *Condor* 75:150-163.

This paper presents an analysis of the occurrence and ecological distribution of 88 species of birds inhabiting a 75 km study area on the Yukon-Kuskokwim Delta. REG

Bering Sea - Yukon Delta (Kolomak R.)
Shorebirds, seabirds, waterfowl, other
Distribution, annotated list, habitat

203. HERRING, R. 1937. Report of the Fifth Thule Expedition, 1921-24, Zoology, II, Birds. The Danish Expedition to Arctic North America in Charge of Knud Rasmussen, *Gyldendalske Boghandel, Nordisk Forlag* Copenhagen, pp. 4, 74, 90, 93-96.

This paper "mentions small collection of birds from Sledge Island." (From Gabrielson and Lincoln, Birds of Alaska. 1959. Original not seen.) CMH

Bering Sea - Norton Sound (Sledge Is.)
Specimen record

204. HOWELL, J.C. 1948. Observations on certain birds of the region of Kodiak, Alaska. *Auk* 65:352-358.

This paper reports observations of 47 species, including 21 marine forms, seen between April 22 and July 9, 1944. REG

Gulf of Alaska - Kodiak (Kodiak Is.)
Shorebirds, seabirds, waterfowl, other
Annotated list, distribution

205. HUDSON, G.E. 1957. Birds observed in the Kotzebue Sound area of Alaska-during the summer of 1956. *Murrelet* 38:26-29.

This annotated list provides information on the relative abundance and habitat use of the 70 species observed during the summer of 1956 in the Kotzebue area. Forty of the species are water birds. CMH

Arctic - Kotzebue Sound
Shorebirds, seabirds, waterfowl, other
Annotated list, habitat

206. HURLEY, J.B. 1931. Birds observed in the Bristol Bay region, Alaska (Parts 1-3). *Murrelet* 12:7-11, 35-42, 71-75.

HURLEY, J.B. 1932. Birds observed in the Bristol Bay region, Alaska (Parts 4-5). *Murrelet* 13:16-21, 38-40.

This is a five-part paper reporting bird observations from upper Bristol Bay between late May and late June 1930. Forty-six species are treated, including 34 marine forms. REG

Bering Sea - Bristol Bay
Shorebirds, seabirds, waterfowl, other
Annotated list, distribution, habitat

207. IRVING, L. 1953. The naming of birds by Nunamiut Eskimo. *Arctic* 6:35-43.

The author found that Eskimos had names for 89 of the 103 species of birds known from the Anaktuvuk Pass area. These names and their literal translations are provided. REG

Interior - Koyukuk (Anaktuvuk Pass)
Shorebirds, seabirds, waterfowl, other
Public interest

208. IRVING, L. 1953. On the various directions of bird migrations through Arctic Alaska. *Proc. Alaska Sci. Conf.* 4:178-179.

This is a short, general summary of the migration routes traversed by birds nesting in interior Arctic Alaska. CMH

Arctic
Shorebirds, seabirds, waterfowl, other
Migration

209. IRVING, L. 1960. Birds of Anaktuvuk Pass, Kobuk, and Old Crow: A Study in Arctic Adaptation. U.S. Natl. Mus. Bull. 217. 409 pp.

This comprehensive treatise of over 400 pages is based on field work from 1947-1959 at Kobuk and Anaktuvuk Pass, Alaska, and Old Crow, Yukon Territory, Canada. Extensive annotated species accounts are presented for each area with some 60, 125, and 100 species discussed for the respective areas. For most species, pertinent specimen data are included. In addition, major sections on status and distribution, migration, residence in the Arctic, and "Arctic metabolic economy" are included. REG

Interior - Koyukuk (Anaktuvuk)

Arctic - Kotzebue Sound (Kobuk)

Shorebirds, seabirds, waterfowl, other

Annotated list, habitat, status, migration, reproduction, physiology, abundance, specimen record, anatomy

210. IRVING, L. 1972. Arctic Life of Birds and Mammals. Springer-Verlog, New York. 192 pp.

This book discusses the Arctic environment and how birds and mammals have adapted to its rigors. MRP

Arctic

Shorebirds, seabirds, waterfowl, other

Migration, distribution, physiology, habitat

211. IRVING, L., and J. KROG. 1954. Body temperatures of Arctic and subarctic birds and mammals. J. App. Physiol. 6:667-680.

Not reviewed.

Physiology

- *212. IRVING, L., C.P. MCROY, and J.J. BURNS. 1970. Birds observed during a cruise in the ice-covered Bering Sea in March 1968. Condor 72:110-112.

Annotated accounts are presented for 12 species; brief comments on their distribution and foraging in relation to the ice margin are included. REG

Bering Sea

Shorebirds, seabirds, waterfowl, other

Annotated list, distribution, habitat

213. IRVING, L., and S. PANEAK. 1954. Biological reconnaissance along the Ahlasuruk River east of Howard Pass, Brooks Range, Alaska, with notes on the avifauna. J. Wash. Acad. Sci. 44:201-211.

The authors describe the area and present an annotated list of birds seen between 1943 and 1953. Forty-seven species are reported, of which 22 are water-associated. MRP

Arctic - Beaufort
Interior - Koyukuk
Shorebirds, seabirds, waterfowl, other
Annotated list

214. ISLEIB, M.E. 1973. Birds of the Chugach National Forest Alaska: A Checklist. National Forest Leaflet. U.S. Forest Service, Cordova Alaska. 14 pp.

This checklist presents the status, relative abundance, and distribution of 214 species of birds within the Chugach National Forest and its contiguous coastal and offshore waters. REG

Gulf of Alaska - Prince William Sound (Chugach National Forest)
Shorebirds, seabirds, waterfowl, other
Checklist

- *215. ISLEIB, M.E., and T. EBERHARDT. 1975. Marine Bird Shipboard Survey in the Gulf of Alaska and along Ocean Route from Seattle, 27 January to 4 March 1975. Unpublished report. U.S. Fish and Wildl. Serv., Anchorage, Alaska. 24 pp.

This report presents census techniques and results from a cruise in the northeastern Gulf of Alaska. Primary groups of species observed include loons, gulls, alcids, fulmars, storm-petrels, cormorants, and scoters. MRP

Gulf of Alaska
Seabirds, waterfowl, other
Annotated list, abundance, distribution

216. **ISLEIB, M. E., and B. KESSEL.** 1973. Birds of the North Gulf Coast - Prince William Sound Region, Alaska. Biol. Pap. Univ. Alaska 14. 149 pp.

The authors present detailed information on the region, its avian habitats, and habitat use by birds. In addition, they provide annotated accounts for over 200 species. REG

Gulf of Alaska - Prince William Sound, Copper River, Northern Gulf
Shorebirds, seabirds, waterfowl, other
Annotated list, habitat

217. **JACKSON, H. H. T., E.M. CHARTERS, and A.J. DUVALL.** 1949. Literature on the Natural History of the Arctic Region with Special Reference to Alaska and Canada. Wildlife Leaflet 317. U.S. Fish and Wildl. Serv., Washington, D.C. 48 pp.

This bibliography lists 375 selected entries judged to be the more important publications on the subject. Most relate to vertebrates of the Arctic. CMH

Alaska
Shorebirds, seabirds, waterfowl, other
Bibliography

218. **JACOT, F.H.** 1962. A partial checklist and notes on birds of Glacier Bay National Monument, Alaska. U.S. Dept. Int., Nat. Park Serv. 57 pp. (Mimeo)

Not reviewed.

Gulf of Alaska - Southeastern (Glacier Bay)
Shorebirds, seabirds, waterfowl, other
Checklist

- *219. JAQUES, F.L. 1930. Water birds observed on the Arctic Ocean and the Bering Sea in 1928. *Auk* 47:353-366.

This paper presents an annotated list of 76 species of birds observed during the **Stoll-McCracken** Expedition to the Arctic Ocean from May 4 to October 9, 1928. MRP

Gulf of Alaska
North Pacific
Arctic - Chukchi
Aleutians
Bering Sea - Bristol Bay, Norton Sound
Shorebirds, seabirds, waterfowl, other
Annotated list, distribution

220. JEWETT, S.G. 1942. Bird notes from southeastern Alaska. *Murrelet* 23:67-75.

The species of birds encountered and collected on a visit to southeastern Alaska from June 20 to July 25, 1941 are listed. Some 80 species are treated in an annotated format, including 37 water-associated forms. REG

Gulf of Alaska - Southeastern
Shorebirds, seabirds, waterfowl, other
Annotated list, specimen record

221. JOHANSEN, H.C. 1960. The formation of the Arctic avifauna. *Proc. Ornithol. Congr.* 12:358-362.

Not reviewed.

Arctic

222. JOHANSEN, H. 1969. Nordamerikanische zugvögel in der südhalften Südamerikas. *Bonner Zool. Beitr.* 20(1/3):182-190.

Not reviewed.

Alaska

223. JOHNSON, S.R. 1976. Spring movements and abundance of birds at Northeast Cape, St. Lawrence Island, Bering Sea, Alaska. *Syesis* 9:31-44.

This paper describes spring movements and numbers of birds seen near Northwest Cape, St. Lawrence Island from May 20 to June 7, 1973. Forty-nine species observed were water birds. MRP

Bering Sea - St. Lawrence Is.
Shorebirds, seabirds, waterfowl, other
Migration, distribution, annotated list

224. JOHNSON, S.R. 1977. Avian ecology in Simpson Lagoon, Beaufort Sea, Alaska, pp. 1-111. In Beaufort Sea Barrier Island-Lagoon Ecological Process Studies. Annual report. NOAA, Environ. Res. Lab., Boulder, Colo.

This report provides information from an intensive study of bird use of Simpson Lagoon and adjacent areas, and addresses migration, feeding, and molting for several groups of birds. MRP

Arctic - Beaufort (Simpson Lagoon)
Shorebirds, seabirds, waterfowl, other
Migration, reproduction, habitat, disturbance, abundance, distribution, food, plumage

- *225. JOHNSON, S.R. 1978. Beaufort Sea barrier island - lagoon ecological process studies. Section 2. Avian ecology in Simpson Lagoon, 1977, pp. 467-586. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 7. NOAA, Environ. Res. Lab., Boulder, Colo.

This report addresses the migration, breeding, feeding, and staging/molting of birds at Simpson Lagoon in summer 1977. Tables summarize information on spring and fall migration for the 60 species of birds observed. Nesting densities and reproductive success are summarized for the 13 species breeding in the area. More detailed information on molt, staging, and feeding is presented for Oldsquaws, gulls, terns, and phalaropes. Possible effects of disturbance are briefly discussed. CMH

Arctic - Beaufort (Simpson Lagoon)
Shorebirds, seabirds, waterfowl, other
Migration, reproduction, abundance, anatomy, plumage, habitat, food, disturbance, checklist

- *226. JOHNSON, S.R. 1979. Beaufort Sea barrier island - lagoon ecological process studies. Section 1. Avian ecology in Simpson Lagoon, Beaufort Sea, Alaska, pp. 238-362. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 6. NOAA, Environ. Res. Lab., Boulder, Colo.

This report compares information gathered in 1977 and 1978 to assess the importance to birds of barrier island/lagoon systems. Timing of migration is summarized for 63 species, and nesting densities are presented. The majority of the report addresses habitat use by molting Oldsquaws, and pre-migratory staging of shorebirds, gulls, and terns. Results of feeding studies are presented for Oldsquaws, phalaropes, and Glaucous Gulls. CMH

Arctic - Beaufort (Simpson Lagoon)
Shorebirds, seabirds, waterfowl, other
Migration, habitat, abundance, reproduction, food, plumage, physiology

227. JOHNSON, S.R., W.J. ADAMS, and M.R. MORRELL. 1975. Birds of the Beaufort Sea: I. A Literature Review. II. Spring Migration Observed during 1975. Unpublished report. Canadian Wildlife Service, Prairie and Northern Region, Edmonton.

Not reviewed.

Arctic - Beaufort
Shorebirds, seabirds, waterfowl, other
Bibliography, migration

228. JONES, E.H. 1929. Some nesting records from Alaska. Murrelet 10:55-57.

This paper gives "a list of 8 species noted from Eagle City to a hundred miles north." (From Gabrielson and Lincoln, Birds of Alaska, 1959. Original not seen.) CMH

Interior - Upper Yukon (Eagle)
Distribution

229. JONES, R. D., JR., and M. KIRCHHOFF. 1977. Waterfowl habitat on the Yukon Delta, pp. 419-446. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 5. NOAA, Environ. Res. Lab., Boulder, Colo.

The authors describe the fauna, physical characteristics, and vegetation of the Yukon Delta, and assess its value as avian habitat. Included are lists of birds and plants encountered during a reconnaissance in summer 1976. NMH

Bering Sea- Yukon Delta
Shorebirds, seabirds, waterfowl, other
Habitat, annotated list

- *230. JONES, R. D., JR., and M.R. PETERSEN. 1979. The pelagic birds of Tuxedni Wilderness, Alaska, pp. 187-232. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 2. NOAA, Environ. Res. Lab., Boulder, Colo.

Aspects of reproductive ecology are discussed for four species, particularly Black-legged Kittiwakes and Horned Puffins. Food, predation, disturbance, and ectoparasites are assessed as factors influencing production. An annotated list summarizes observations of the 119 species recorded on the islands in 1970, 1971, and 1978. CMH

Gulf of Alaska - Cook Inlet (Tuxedni Wilderness)
Shorebirds, seabirds, waterfowl, other
Annotated list

231. KEELER, C. 1902. Days among Alaska birds, pp. 205-234. In C. H. Merriam (cd.), Harriman Alaska Expedition, Vol. 2. Doubleday, Page and Co., New York. (Reprinted 1972, Klaus Reprint Co., New York.)

The author provides a general but interesting description of some of the birds encountered during the expedition. CMH

Aleutians
Bering Sea
Gulf of Alaska
Shorebirds, seabirds, waterfowl, other
Public interest

232. KENYON, K.W. 1961. Birds of Amchitka Island, Alaska. Auk 78:305-326.

This paper presents an annotated list of 70 species, including 43 water-associated forms, observed at Amchitka Island from 1955 to 1959. A detailed description of the island and a brief history of recent human impacts are included. MRP

Alutians - (Amchitka Is.)
Shorebirds, seabirds, waterfowl, other
Annotated list, disturbance

233. KENYON, K.W. 1964. Wildlife and historical notes on Simeonof Island, Alaska. Murrelet 45:1-8.

This paper gives a brief history of Simeonof Island, and provides an annotated list of species observed there in 1955 and 1960. MRP

North Pacific- (Simeonof Is.)
Shorebirds, seabirds, waterfowl, other
Annotated list

234. KENYON, K.W., and J.W. BROOKS. 1960. Birds of Little Diomedes Island, Alaska. Condor 62:457-463.

This paper details observations collected in spring 1953 and 1958. Annotated accounts are presented for 40 species, including 26 marine forms. Arrival dates of several species and estimated sizes of breeding populations of seabirds and two passerine species are given. REG

Bering Sea - Little Diomedes Is.
Shorebirds, seabirds, waterfowl, other
Annotated list, migration, behavior, specimen record, habitat

235. KENYON, K. I. D., and J. G. KING, JR. 1965. Aerial Survey of Sea Otters and other Marine Mammals, Alaska Peninsula and Aleutian Islands, and Bird Observations, Aleutian Islands Survey, April-May 1965. Unpublished report. U.S. Fish and Wildl. Serv., Sand Point Naval Air Station, Seattle, Wa. 61 pp.

Included in this report is an annotated list of the species of birds observed. A table lists, by island, the numbers of Bald Eagles, Common Eiders, and Emperor Geese seen, plus other significant sightings. CMH

Aleutians
Seabirds, waterfowl, other
Annotated list, distribution, abundance

- *236. KENYON, K. W., and R. E. PHILLIPS. 1965. Birds from the Pribilof Islands and vicinity. Auk 82:624-635.

This paper annotates observations of 34 species recorded between 1947 and 1954. Included are one new record for North America, 9 first records for the Pribilofs, and records of 12 other species rarely seen on the islands. More detailed information is presented on the status of populations of Glaucous-winged Gulls, Red-legged and Black-legged Kittiwakes, and Common Murres. Nesting chronology, abundance, and behavior are compared for the two kittiwakes. A few notes from the Aleutians are included. CMH

Bering Sea- Pribilof Is.
Shorebirds, seabirds, waterfowl, other
Annotated list, distribution, specimen record

237. KERTELL, K. 1978. Birds of Mt. McKinley National Park, Alaska. 7 pp. (Mimeo)

The author has compiled a checklist of 152 species of birds of Mt. McKinley National Park, with seasonal status, relative abundance, and habitat distribution presented for each. REG

Interior - Tanana (Mt. McKinley National Park)
Shorebirds, seabirds, waterfowl, other
Checklist

238. KESSEL, B. 1953. Patterns of bird and mammal distribution in Alaska. Proc. Alaska Sci. Conf. 4:190-197.

Migration pathways and dispersal routes are discussed in general for birds and mammals in Alaska, and routes are postulated for species occurring seasonally in the Colville River area. NMH

Arctic - Beaufort (Colville R.)
Shorebirds, seabirds, waterfowl, other
Distribution, migration, zoogeography

239. KESSEL, B. 1960. Additional distribution records of some birds in interior Alaska. Condor 62:481-483.

This paper provides additional distribution records for 10 species, including five species of water birds. CMH

Gulf of Alaska - Copper River (Wrangell Mts.)
Interior - Tanana, Upper Yukon, Innoko
Shorebirds, waterfowl, other
Redhead, Ring-necked Duck, Killdeer, Hudsonian Godwit, Surfbird
Distribution, habitat, annotated list

240. KESSEL, B. 1963. West-east relationships of the birds of northern Alaska, pp. 79-84. In J.L. Gressitt (ed.), Pacific Basin Biogeography, a Symposium. Tenth Pacific Sci. Congr., Honolulu, Hawaii, 1961. Bishop Mus. Press, Honolulu. 563 pp.

This paper discusses the avifauna of northern Alaska in relation to the Bering Arc and the refugia hypothesized to exist during the past glacial periods. The 89 species which regularly occur in this region are grouped according to their east-west distribution and faunal affinities. The interchange with northeastern Siberia and eastern North America is examined. CMH

Arctic - Beaufort, Chukchi
Shorebirds, seabirds, waterfowl, other
Zoogeography

241. KESSEL, B. 1964. Field Checklist: Birds of Interior Alaska. Univ. Alaska, Fairbanks. 2 pp.

This is a checklist of 178 species known to occur within a 200-mile radius of Fairbanks. REG

Interior - Tanana (Fairbanks)
Shorebirds, seabirds, waterfowl, other
Checklist

242. KESSEL, B. 1968. Checklist of the Birds of the Seward Peninsula, Alaska. Univ. Alaska, Fairbanks. 1 p. (Mimeo)

The author has compiled a checklist of 167 species known from the Seward Peninsula. REG

Arctic - Chukchi, Kotzebue Sound
Shorebirds, seabirds, waterfowl, other
Checklist

243. KESSEL, B. 1979* Avian habitat classification for Alaska. **Murrelet 60:86-94.**

This paper recognizes and describes 29 basic habitats in Alaska used by birds. For each terrestrial habitat the dominant vegetative forms are given as well as the characteristic birds. Descriptions of marine habitats are based primarily on distance from shore and on water depth. Several characteristic birds are also given for these habitats. REG

Alaska
Shorebirds, seabirds, waterfowl, other
Habitat

244. KESSEL, B., and T.J. CADE. 1953. Habitat preferences of the birds of the Colville River. Proc. Alaska Sci. Conf. 4: 179-181. (Abstract)

Avian-habitat associations along the Colville River are classified and discussed. NMH

Arctic - Beaufort (Colville R.)
Shorebirds, seabirds, waterfowl, other
Habitat

245. KESSEL, B., and T.J. CADE. 1958. Birds of the Colville River, Northern Alaska. Biol. Pap. Univ. Alaska 2. 83 pp.

Annotated species accounts of birds observed and collected on the Colville River over several seasons in the 1950's are presented. **Avian** habitats throughout the region are described, and apparent **avian** affinities for specific habitats are tabulated. NMH

Arctic - Beaufort (Colville R.)
Shorebirds, seabirds, waterfowl, other
Annotated list, habitat, distribution, specimen record

246. KESSEL, B, and D.D. GIBSON. 1978. Status and Distribution of Alaska Birds. *Stud. Avian Biol.* 1. 100 pp.

The authors provide a major and much needed update of the status and distribution of Alaska birds. Some 200 species, for which substantial new information is available since the publication of Gabrielson's and Lincoln's work in 1959 ("Birds of Alaska"), are treated in detailed annotated accounts. Included are 75 species new to Alaska, of which 30 are new to North America. REG

Alaska

Shorebirds, seabirds, waterfowl, other
Annotated list, distribution, checklist, status, taxonomy

247. KESSEL, B., and G.B. SCHALLER. 1960. Birds of the Upper Sheenjek Valley, Northeastern Alaska. *Biol. Pap. Univ. Alaska* 4. 58 pp.

This paper describes habitats and provides an annotated species list of birds in the upper Sheenjek Valley, Brooks Range. MRP

Interior - Upper Yukon (Sheenjek R.)

Shorebirds, seabirds, waterfowl, other
Annotated list, habitat

248. KESSEL, B., and H.K. SPRINGER. 1966. Recent data on status of some interior Alaska birds. *Condor* 68:185-195.

This annotated list provides an update on the status of 36 of the less common species recorded in interior Alaska. Major factors considered in analyzing the distribution records are a severe drought in the Canadian prairie provinces and a very late spring in Alaska. Of the species addressed, 24 are associated with water habitats. CMH

Interior - Tanana, Upper Yukon, Koyukuk

Shorebirds, seabirds, waterfowl, other
Annotated list, distribution, abundance, status

249. KESSEL, B., H.K. SPRINGER, and C.M. WHITE. 1964. June birds of the Kolomak River, Yukon-Kuskokwim Delta, Alaska. *Murrelet* 45:37-47.

This paper presents annotated accounts for some 80 taxa of birds observed and/or collected between June 7 and 25, 1963. Among them are 43 species of water birds. Observations from previous studies are compared and contrasted. REG

Bering Sea - Yukon Delta (Hooper Bay, Kolomak R.)
Shorebirds, seabirds, waterfowl, other
Annotated list, distribution

250. KESSEL, B., R.B. WEEDEN, and G.C. WEST. 1967. Bird-finding in Interior and Southcentral Alaska. *Alaska Ornithol. Soc., Fairbanks, Alaska*. 42 pp. (Mimeo)

The authors present, by specific area and habitat, the birds most likely to be seen in each region. Addressed in an addendum are the birds likely to be seen in the Juneau, Barrow, Nome, and Kotzebue areas. JCG

Arctic - Chukchi (Barrow), Kotzebue Sound (Kotzebue)
Bering Sea - Norton Sound
Interior
Gulf of Alaska
Shorebirds, seabirds, waterfowl, other
Checklist, habitat, abundance

251. KING, J.G. 1966. Cape Newenham, Alaska, a Wildlife Metropolis. Unpublished report. U.S. Fish and Wildl. Serv., Juneau, Alaska. 32 pp.

This report provides a general description of the Cape Newenham area. The physical, climatological, and geological characteristics and the use of the area by wildlife and humans are discussed. A list of the birds of the area is included. MRP

Bering Sea- Bristol Bay (Cape Newenham)
Shorebirds, seabirds, waterfowl, other
Annotated list, management, public interest

252. KING, J.G. 1978. Important Birds of Northern Southeast Alaska Marine Environment that Would Be Affected by Oil Pollution. Unpublished annual report. U.S. Fish and Wildl. Serv., Juneau, Alaska. 5 pp.

This paper gives the status of 61 common species and lists 45 less common species vulnerable to oil contamination in marine habitats of the area. MRP

Gulf of Alaska - Southeastern
Shorebirds, seabirds, waterfowl, other
Abundance, status, pollution

253. KING, J.G., C.P. DAU, R.E. GILL, and L.M. DRESCH. 1980. A Quantitative Catalogue of Intertidal and Near Shore Habitats of Eastern Bering Sea. Unpublished report. U.S. Fish and Wildl. Serv., Juneau, Alaska. 39 pp.

This report quantifies the amount of habitats available for water birds along coastal western Alaska from Cape Prince of Wales to Cape Sarichef. From each USGS map (1:63,360 scale) the following were derived and are presented in appended tables: 1) area of ocean less than 10 fathoms; 2) length of beach; 3) number and area of lagoons; 4) number and area of large tidal river mouths; 5) areas of vegetated and unvegetated intertidal; and 6) the number of rivers and streams. REG

Bering Sea
Shorebirds, seabirds, waterfowl
Habitat

254. KING, J.G., and D.E. MCKNIGHT. 1969. A Water Bird Survey in Bristol Bay and Proposals for Future Studies. Unpublished report. U.S. Fish and Wildl. Serv. and Alaska Dept. of Fish and Game, Juneau, Alaska. 14 pp.

This paper presents information from a preliminary attempt to census water bird populations along the Bristol Bay coast in fall, and discusses sampling techniques. MRP

Bering Sea - Bristol Bay
Shorebirds, seabirds, waterfowl
Abundance, distribution, techniques

255. KING, J.G., and M.A. MONSON. 1968. Report of Field Inspection Trip of Bird Resources of Bristol Bay, April 22-23, 1968. Unpublished report. U.S. Bur. Sport Fish. Wildl., Juneau, Alaska. 5 pp.

In this report the authors describe concentrations of birds, including colonies of nesting seabirds and rafts of waterfowl, observed along the coast from Cape Newenham to Cold Bay. MRP

Bering Sea -Bristol Bay
Seabirds, waterfowl
Distribution

256. KING, R. 1979. Results of aerial surveys of migratory birds on NPR-A in 1977 and 1978, pp. 187-226. In P.C. Lent (cd.), Studies of Selected Wildlife and Fish and ~~their~~ Use of Habitats on and Adjacent to NPR-A 1977-1978, Vol. 1. U.S. Dept. Int., National Petroleum Reserve in Alaska 105(c) Land Use Study, Anchorage, Alaska.

This paper presents information from aerial surveys of migratory birds on the North Slope of Alaska. Population estimates, critical habitats, and densities and distributions of species are presented. Methods for comparing results of ground and aerial surveys are examined. MRP

Arctic - Beaufort (National Petroleum Reserve-Alaska)
Shorebirds, seabirds, waterfowl
Abundance, distribution, habitat, techniques

257. KIRBY, W.W. 1864 (1872). A journey to the Youcan, Russian America, pp. 416-420. In Annual Report of Regents of the Smithsonian Institution.

This paper provides "an account of observations of eggs and parent birds of a number of Alaskan species collected by Robert Kennicott." (From Gabrielson and Lincoln, Birds of Alaska, 1959* Original not seen.) CMH

Specimen record, distribution

258. KITTLITZ, F.H. VON. 1858. Denkwürdigkeiten einer Reise nach dem russischen Amerika nach Mikronesien und durch Kamtschatka. Gotha. Verlag von Justus Perthes. 2 vols.

This work "includes important notes on specimens taken and birds observed by the writer in the vicinity of Sitka, June 23 to July 31, 1827." (From T. J. Cade, 1953, A Synoptic Bibliography of Alaskan Ornithology, Univ. Calif. Dept. Zool., Los Angeles. Original not seen.) CMH

Gulf of Alaska - Southeastern (Sitka)
Specimen record, distribution

259. KLEIN, D.R. 1959. Saint Matthew Island reindeer-range study. U.S. Fish and Wildl. Serv., Spec. Sci. Rep. Wildl. 43:1-48.

A checklist is appended listing the numerical and breeding status of 28 species observed between July 15 and August 9, 1957. REG

Bering Sea - St. Matthew Is.
Shorebirds, seabirds, waterfowl, other
Checklist

260. KOSKI, W. 1975. Continuing surveys of terrestrial bird populations on the Yukon-Alaskan North Slope: June and July, 1974. Arct. Gas Biol. Rep. Ser. 30:1-100.

The author discusses habitat preferences of species on the North Slope of Alaska and calculates an index of species density for each habitat. MRP

Arctic - Beaufort
Shorebirds, seabirds, waterfowl, other
Abundance, distribution, habitat

261. KROG, J. 1953. Notes on the birds of Amchitka Island, Alaska. Condor 55:299-304.

The author presents brief accounts of the 27 species observed on Amchitka Island in early summer 1952, and includes information on habitat use, breeding status, and relative abundance. Twenty-one water-associated species are addressed. A list of food items found at a Bald Eagle nest is given. CMH

Aleutians - (Amchitka Is.)
Shorebirds, seabirds, waterfowl, other
Distribution, abundance, annotated list, habitat, predation

262. KROHN, W.B. 1966. A Brief Survey of the Tuxedni National Wildlife Refuge. Unpublished report. U.S. Fish and Wildl. Serv. , Anchorage, Alaska. 13 pp.

This report contains survey and general information from a two day trip to Chisik and Duck Islands to locate and photograph the major seabird colonies. General information on all seabirds and landbirds seen is presented in narrative form, and information gained from conversations with people at Snug Harbor is included. MRP

Gulf of Alaska - Cook Inlet (Tuxedni NWR)
Shorebirds, seabirds, waterfowl, other
Abundance, annotated list

- *263. KURODA, N. 1955. Observations on pelagic birds of the northwest Pacific. Condor 57:290-300.

This paper presents an annotated list of the 44 species of birds observed during a summer cruise between Japan and the western Bering Sea and North Pacific. Population densities are estimated by the number of birds observed per hour, and bird distribution is correlated with air and water temperatures. Forty-one of the species observed are water-associated. CMH

North Pacific
Bering Sea
Shorebirds, seabirds, waterfowl, other
Annotated list, distribution, habitat, abundance

- *264. KURODA, N. 1960. Analysis of sea bird distribution in the northwest Pacific Ocean. Pac. Sci. 14:55-67.

This paper analyzes the distribution of seabirds encountered on a cruise in summer 1954 between the western Bering Sea and Japan. Ocean currents, water and air temperatures, zoogeography, and food supplies are considered. Maps showing the distribution and abundance of each species observed are included. CMH

Alutians
Bering Sea
Shorebirds, seabirds, waterfowl, other
Distribution, abundance, habitat, food

- *265. LAING, H.M. 1925. Birds collected and observed during the cruise of the Thiepval in the North Pacific, 1924. Can. Dept. Mines Mus. Bull. 40:1-46.

This paper provides an annotated list of the 112 species or subspecies collected and observed on a cruise in the North Pacific. The ship travelled from Vancouver, B.C., to Japan via the Alaska coast and Aleutians in spring, and returned via a more offshore route through the Bering Sea and North Pacific in late summer. Sixty of those species recorded are water-related forms. CMH

Gulf of Alaska
Aleutians
North Pacific
Bering Sea
Shorebirds, seabirds, waterfowl, other
Annotated list

266. LAING, H.M., P.A. TAVERNER, and R.M. ANDERSON. 1929. Birds and mammals of the Mt. Logan Expedition, 1925. Annual Report for 1927. Natl. Mus. Can. Bull. 56:69-107.

This paper reports on the birds and mammals observed during the Mount Logan Expedition from May 9 to August 21, 1925. Included are 84 species of birds, of which 18 are water-oriented. MRP

Gulf of Alaska - Copper River
Shorebirds, seabirds, waterfowl, other
Annotated list

267. LANGSDORFF, G.H. VON. 1803. Voyages and Travels in Various Parts of the World during the Years 1803-1807. Vol. 2:63,75.

This work "contains a few notes on the avifauna of Kodiak." (From Gabrielson and Lincoln, Birds of Alaska, 1959. Original not seen.) CMH

Gulf of Alaska - Kodiak (Kodiak Is.)

268. LATHAM, J. 1781-1785. A General Synopsis of Birds. 3 vols. (in 6 parts), London.

This work "contains references to many Alaskan species collected on Cook's voyages." (From Gabrielson and Lincoln, Birds of Alaska, 1959. Original not seen.) CMH

Alaska
Shorebirds, seabirds, waterfowl, other
Distribution

269. LEFFINGWELL, E. 1919. The Canning River Region, Northern Alaska. U.S. Geol. Surv. Prof. Pap. 109. 251 pp.

This paper deals largely with geology, but does include a brief account of the region's avifauna. REG

Arctic - Beaufort (Canning R.)
Waterfowl, other
Habitat, distribution

- *270. LEHNHAUSEN, W.A. 1980. Nesting habitat relationships of four species of **alcids** at Fish Island, Alaska. M.S. thesis. Univ. Alaska, Fairbanks. 134 pp.

This thesis investigates the nesting habitat relationships of four species of **alcids** to determine if competition exists for nest sites on Fish Island. The study examines in detail habitat characteristics, breeding chronology, seasonal and diurnal activity patterns, body size and flight capabilities, and interspecific behavioral interactions. A checklist giving the status of the 118 species of birds observed during summers 1976 and 1977 is appended. CMH

Gulf of Alaska - Prince William Sound (Fish Is.)
Shorebirds, **seabirds**, waterfowl, other
Checklist

271. LENSINK, C.J. Censuses of birds on the Clarence Rhode National Wildlife Range - Yukon-Kuskokwim Delta. Presented at the 86th Annual Meeting of the American Ornithologists' Union. College, Alaska. June 18-23, 1968. 7 pp.

This paper describes several types of censuses used to determine distribution, abundance, and productivity of birds nesting on the refuge. CMH

Bering Sea - Yukon Delta
Shorebirds, seabirds, waterfowl, other
Techniques

272. LENSINK, C.J. 1959. Annotated Checklist of Birds in the Kvichak River Area, Bristol Bay. Unpublished report. Alaska Dept. Fish and Game, Juneau, Alaska. 6 pp.

The author presents information on birds observed and collected in the Kvichak River area of Bristol Bay between May 17 and June 20, 1959. MRP

Bering Sea - Bristol Bay (Kvichak R.)
Shorebirds, seabirds, waterfowl, other
Annotated list, specimen record

273. LENSINK, C.J. 1960. Supplemental Checklist of Birds in the Kvichak River Area, Bristol Bay. Unpublished report. Alaska Dept. Fish and Game, Juneau, Alaska. 5 pp.

The author presents information on birds observed in the region between September 4 and October 3, 1959, and May 15 to June 19, 1960. MRP

Bering Sea - Bristol Bay (Kvichak R.)
Shorebirds, seabirds, waterfowl, other
Checklist, annotated list

274. LENSINK, C.J., and J.C. BARTONEK. 1976. Migration of birds in coastal and marine habitats subject to influence by OCS development, pp. 249-320. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports from Principal Investigators, vol. 4. NOAA, Environ. Res. Lab., Boulder, Colo.

This report consists of three parts. First, reported recoveries of over 20,000 birds that were either banded or recovered in Alaska are summarized and briefly discussed. Observations on fall migration at Unimak Pass from August 11-25, 1975, are presented and discussed. Finally, in an appended paper (Flock 1976), radar and visual observations of spring migration at Cape Prince of Wales are discussed. CMH

Alaska
Shorebirds, seabirds, waterfowl, other
Migration

275. LENSINK, C.J., and J.C. BARTONEK. 1976. Seasonal distribution and abundance of marine birds: Part 1. Shipboard surveys, pp. 107-644. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports from Principal Investigators, Vol. 3. NOAA, Environ. Res. Lab., Boulder, Colo.

This report summarizes observations of marine birds in Alaska offshore waters during 21 cruises in 1975. Data are summarized by species, month, and oceanographic region in 165 tables. Monthly summaries of relative densities of all birds are depicted on 12 maps. CMH

Alaska
Shorebirds, seabirds, waterfowl, other
Abundance, distribution

- *276. LENSINK, C.J., J.C. BARTONEK, and C.S. HARRISON. 1976. Seasonal distribution and abundance of marine birds: Part 2. Aerial surveys, pp. 1-98. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports from Principal Investigators, vol. 4. NOAA, Environ. Res. Lab., Boulder, Colo.

This report summarizes census data obtained from 11 offshore surveys conducted in 1972, 1973, and 1975. Summaries are presented by species, 3-month interval, and oceanographic region in 23 tables. Quarterly summaries of total bird densities are presented in 4 maps. CMH

Alaska
Shorebirds, seabirds, waterfowl, other
Distribution, abundance

277. LENSINK, C. J., and R. D. JONES, JR. 1977. Characterization of coastal habitat for migratory birds, pp. 413-451. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 5. NOAA, Environ. Res. Lab., Boulder, Colo.

This paper consists primarily of two appended reports, which briefly describe the habitat and avifauna of the Yukon Delta. Observations were made from June 17 to July 23, 1976, and from January 26 to 31, 1977. Fifty-two species were recorded. CMH

Bering Sea - Yukon Delta
Shorebirds, seabirds, waterfowl, other
Habitat, checklist, abundance

- *278. LESCHNER, L. L., and G. BURRELL. 1977. Populations and ecology of marine birds on the Semidi Islands, pp. 13-109. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 4. NOAA, Environ. Res. Lab., Boulder, Colo.

This paper discusses observations on the populations, breeding biology, and foods of 19 species of marine birds during summer 1976. A checklist presents the breeding status of the 54 species of birds observed. CMH

Gulf of Alaska - Kodiak (Semidi Is.)
Shorebirds, seabirds, waterfowl, other
Checklist

279. LINCOLN, F. C. 1924. Returns from banded birds, 1920 to 1923, U. S. Dept. Agric. Bull. 1268. 96 pp.

This volume "contains banding and recovery records from Alaska." (From Gabrielson and Lincoln, Birds of Alaska, 1959. Original not seen.) CMH

Alaska
Distribution

280. LINCOLN, F. C. 1927. Returns from banded birds, 1923 to 1926. U. S. Dept. Agric. Tech. Bull. 32. 95 pp.

This volume "contains banding and recovery records from Alaska." (From Gabrielson and Lincoln, Birds of Alaska, 1959. Original not seen.) CMH

Alaska
Distribution

281. LORING, J.A. 1902. Notes on mammals and birds observed in southern Alaska in 1901. Sixth Annual Report. New York Zool. Soc. 1901:145-159.

This paper presents notes on birds and mammals seen in the areas of Cook Inlet and Knik Arm. Forty-seven species of birds are addressed, including 23 species of water birds. CMH

Gulf of Alaska - Cook Inlet
Shorebirds, seabirds, waterfowl, other
Annotated list

282. MACINTOSH, R. 1981. Birds of the Kodiak Island Archipelago. Unpublished checklist. Kodiak, Alaska. 2 pp. (Mimeo)

This checklist notes the breeding status and relative seasonal abundance of the 205 species of birds found in the Kodiak Archipelago. MRP

Gulf of Alaska - Kodiak (Kodiak Is., Afognak Is.)
Shorebirds, seabirds, waterfowl, other
Checklist

283. MAHER, W.J. 1959. Habitat distribution of birds breeding along the upper Koolak River, northern Alaska. Condor 61:351-368.

This paper describes the nesting distribution and status of the birds observed during the summers of 1957 and 1958 on a sector along the upper Koolak River. Major habitats are characterized, and additional information is provided on breeding biology, density, population trends, and foods for several species. Of the 34 species treated, 21 are water-associated. CMH

Arctic - Chukchi (Koolak R.)
Shorebirds, seabirds, waterfowl, other
Annotated list, habitat, reproduction, food

284. MAILLIARD, J., and G.D. HANNA. 1921. New bird records for North America with notes on the Pribilof Island list. *Condor* 23:93-95.

This paper provides additional notes on the occurrence of several species, including nine water birds, previously recorded on the Pribilof Islands. CMH

Bering Sea - Pribilof Is.

Shorebirds, seabirds, other

Greater Yellowlegs, Long-billed Dowitcher, Least Sandpiper, Baird's Sandpiper, Pectoral Sandpiper, Sharp-tailed Sandpiper, Rock Sandpiper, Sabine's Gull, Arctic Tern

Distribution, abundance

285. MANUWAL, D.A. 1978. Avian diversity and habitat selection in the Noatak Valley, Brooks Range, Alaska. *Murrelet* 59:42-58.

This paper includes a checklist of the 112 species observed during a study along the Noatak River in summer 1973. Information on relative abundance, breeding status, and habitat affinities is included. Results of breeding bird surveys in three habitat types at one site are presented, and species diversity is calculated for 11 different habitats. CMH

Arctic - Kotzebue Sound (Noatak R.)

Shorebirds, seabirds, waterfowl, other

Distribution, abundance, habitat, checklist

286. MANUWAL, D.A., and N.J. MANUWAL. 1979. Habitat utilization and migration of land birds on the Barren Islands, Alaska. *West. Birds* 10:201-213.

The authors primarily treat landbirds in this paper but address habitat use and seasonal occurrence of 10 species of marine birds which use terrestrial habitats other than for nesting. CMH

Gulf of Alaska - Kodiak (Barren Is.)

Shorebirds, seabirds, waterfowl, other

Harlequin Duck, Black Oystercatcher, Semipalmated Plover, Black Turnstone, Common Snipe, Spotted Sandpiper, Least Sandpiper, Glaucous-winged Gull, Mew Gull, Black-legged Kittiwake

Habitat, abundance

287. MCCANN, J.A. 1963. A Summary of Biological Field Work Done on Amchitka during the Summer of 1962. Unpublished report. U.S. Fish and Wildl. Serv. , Adak, Alaska. 22 pp.

Not reviewed.

Aleutians - (Amchitka Is.)

288. MCDONALD, Do , and R.C. KENYON. 1979. Waterbirds and their Wetland Resources at Storkersen Point, Alaska. 1978 final report. U.S. Fish and Wildl. Serv., Office of Special Studies, Anchorage, Alaska. 77 pp.

The authors present information on breeding bird populations at Storkersen Point. Habitat use and wetlands classifications are described. The effects on macroinvertebrates from experimental oiling of ponds are assessed. MRP

Arctic - Beaufort (Storkersen Pt.)

Shorebirds, seabirds, waterfowl, other

Abundance, distribution, habitat, migration, pollution, checklist

289. MCGREGOR, R.C. 1902. A list of birds collected in Norton Sound, Alaska. Condor 4:135-144.

Observations were made from June 27 to September 25, 1900. Annotated accounts are presented for 63 species, 24 of which are water-associated. REG

Bering Sea - Norton Sound (Egg Is., Besboro Is.)

Shorebirds, seabirds, waterfowl, other

Annotated list, specimen record

290. MCGREGOR, R.C. 1906. Birds observed in the Krenitzin Islands, Alaska. Condor 8:114-122.

The author presents annotated accounts of birds observed and collected in the Krenitzin Islands. NMH

Aleutians - (Krenitzin Is.)

Shorebirds, seabirds, waterfowl, other

Annotated list, specimen record

291. MCLENEGAN, S. 1887. Exploration of the Noatak River, Alaska, pp. 76-80. In Capt. M.A. Healy. Report of the Cruise of the Revenue Steamer Corwin in the Arctic Ocean in the Year 1885. U.S. Gov. Print Off., Washington, D.C.

McLenegan provides brief, usually one sentence, descriptions of the status of 48 species of birds observed along the Noatak drainage in summer 1885. REG

Arctic - Kotzebue Sound (Noatak R.)
Shorebirds, seabirds, waterfowl, other
Annotated list

292. MCROY, P., and N. MCROY. 1965. Field observations on the summer birds of the Izembek Lagoon region of the Alaska Peninsula. Bull. Alaska Ornithol. Soc. 5:1-7. (Mimeo)

The authors present an annotated list of the 54 species of birds observed during two summers at Izembek Lagoon. Numbers and dates of observation are given along with notes on nests found. Thirty-five of the species are water-associated. CMH

Bering Sea - Bristol Bay (Izembek Lagoon)
Shorebirds, seabirds, waterfowl, other
Annotated list, distribution, abundance

293. MCROY, C.P., and S. STOKER. 1969. A survey of the littoral regions of Port Valdez, pp. 190-205. In D.W. Hood (ed.), Baseline Data Survey for Valdez Pipeline Terminal and Environmental Data Survey. Univ. Alaska, Inst. Mar. Sci. Rep. No. R69-17, College.

This paper presents primarily the results of a quantitative survey of intertidal organisms. However, it does include a list of the numbers of each species of bird observed from August 10-16, 1969, in Port Valdez. CMH

Gulf of Alaska - Prince William Sound (Valdez)
Shorebirds, seabirds, waterfowl, other
Checklist, abundance

294. MCROY, C. P., S.W. STOKER, G.E. HALL, and E. MUKTOYUK. 1971. Winter observations of mammals and birds, St. Matthew Island. *Arctic* 24:63-65.

This note presents a list of species observed in the vicinity of St. Matthew Island on February 6 and 7, 1970. MRP

Bering Sea - St. Matthew Is.
Seabirds, waterfowl
Checklist

295. MERRIAM, C.H. 1902. **Bogoslof**, our newest volcano, pp. 291-336. In C. H. Merriam (ed.), *Harriman Alaska Expedition, Vol. 2. Doubleday*, Page and Co., New York. (Reprinted 1972, Klaus Reprint Co., New York.)

On pages 329-332, the author describes the large numbers of murrelets nesting on this recently active volcano. He also mentions earlier observations of Horned Puffins, kittiwakes, gulls, Harlequin Ducks, and a dead albatross. CMH

Alutians - (Bogoslof Is.)
Seabirds, waterfowl
Abundance, habitat, public interest

296. MICKELSON, P.G. 1973. Birds and Mammals of the Copper River Delta. Unpublished report. U.S. Forest Service, Cordova, Alaska.

Not reviewed.

Gulf of Alaska - Copper River (Copper R. Delta)
Shorebirds, seabirds, waterfowl, other

297. MICKELSON, P.G. 1973. Status and Abundance of Birds and Mammals of the Copper River Delta - 1974. Unpublished report. U.S. Forest Service, Cordova, Alaska. 73 pp.

Not reviewed.

Gulf of Alaska - Copper River (Copper R. Delta)
Shorebirds, seabirds, waterfowl, other

298. MICKELSON, P.G. 1974. Report on Egg Islands, Copper River Delta, Alaska. Unpublished report. U.S. Forest Service, Cordova, Alaska. 7 pp.

Not reviewed.

Gulf of Alaska - Copper River (Egg Is.)

299. MICKELSON, P.G. 1974. Status of Birds in Prince William Sound. Unpublished report. U.S. Forest Service, Cordova, Alaska. 6 pp.

This report lists 204 species of birds found in Prince William Sound, and notes their general status in each of four management units in the sound. MRP

Gulf of Alaska - Prince William Sound
Shorebirds, seabirds, waterfowl, other
Checklist, status

300. MICKELSON, P.G. 1975. An Annotated Bibliography on the Copper River Delta with Emphasis on Waterfowl Habitat Management and Improvements. Unpublished report. U.S. Forest Service, Cordova, Alaska. 49 pp.

This annotated bibliography contains a list of published and unpublished references concerned primarily with management of resources on the Copper River Delta. Most references" addressing birds pertain to waterfowl; however, other references are included. MRP

Gulf of Alaska - Copper River (Copper R. Delta)
Shorebirds, seabirds, waterfowl, other
Bibliography

- *301 . MICKELSON, P. G. , J.S. HAWKINGS, D.R. HERTER, and S.M. MURPHY. 1980. Habitat Use by Birds and other Wildlife on the Eastern Copper River Delta, Alaska. Unpublished report. Univ. Alaska, Fairbanks. 189 pp.

During a study of nesting and migrating birds on the eastern Copper River Delta in 1978 and 1979, the authors determined habitat preferences, distribution, abundance, and phenology for the avifauna of the area. Critical habitats are identified and recommendations made for future surveillance and management of populations. Detailed information is presented for Dusky Canada Geese, Sandhill Cranes, and shorebirds. REG

Gulf of Alaska - Copper River (Copper R. Delta)
Shorebirds, seabirds, waterfowl, other
Abundance, breeding biology, checklist, distribution, food,
habitat, management, migration, predation, reproduction,
status

- *302. MICKELSON, P. G. , W. LEHNHAUSEN, and S.E. QUINLAN. 1978. Community structure of seabirds of Wooded Islands, Alaska, pp. 680-772. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 3. NOAA, Environ. Res. Lab., Boulder, Colo.

Information gathered in summer 1977 on abundance, habitat use, and reproductive ecology is presented for 10 species of seabirds. Tables present the status of all species of birds observed in 1976 and 1977. Information on abundance and phenology is included for some species. The susceptibility of each species to oil pollution is assessed. CMH

Gulf of Alaska - Prince William Sound (Wooded Is.)
Shorebirds, seabirds, waterfowl, other
Checklist, abundance, reproduction, pollution, migration

- *303* MICKELSON, P.G., W.A. LEHNHAUSEN, S.E. QUINLAN, and J.M. SHERWOOD. 1977. Seabirds of the Wooded Islands, Alaska, pp. 421-499. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 4. NOAA, Environ. Res. Lab., Boulder, Colo.

This report presents information on the abundance and breeding biology of seabirds nesting on the Wooded Islands in 1976. Tables list the other species observed on the islands and their breeding status. The abundance of species occurring in littoral and marine areas is briefly noted. Potential effects of oil pollution and disturbance are discussed. CMH

Gulf of Alaska - Prince William Sound (Wooded Is.)
Shorebirds, seabirds, waterfowl, other
Checklist, abundance, pollution, disturbance

304. MILLER, E.H. 1972. Report on Activities on Round Island (Walrus Islands), Bristol Bay, Alaska, 5 June - 12 July 1972. Unpublished report. Alaska Coop. Wildl. Res. Unit., Univ. Alaska, Fairbanks.

Not reviewed.

Bering Sea - Bristol Bay (Walrus Is.)

305. MORSE, M. 1945. Natural history notes from the Aleutians. Parts I and II. Flicker 17:6-10; 23-26.

These papers present an "account of birds seen on Adak Island during the period April 9 to September 20, 1944." (From Gabrielson and Lincoln, Birds of Alaska, 1959. Original not seen.) CMH

Aleutians - (Adak Is.)
Shorebirds, seabirds, waterfowl, other
Distribution

306. MURDOCH, J. 1885. Bird migration at Point Barrow, Arctic Alaska, p. 63. In C.H. Merriam, Preliminary report on bird migration. Auk 2: 5765.

This is a checklist of the 50 species of birds seen during two years of observation. Included are arrival and departure dates and an assessment of relative abundance. Thirty-nine of the species are water-associated. CMH

Arctic - Chukchi (Barrow)
Shorebirds, seabirds, waterfowl, other
Checklist, migration

307. MURDOCH, J. 1885. Birds. II, pp. 104-128. In P.H. Ray, Report of the International Polar Expedition to Point Barrow, Alaska. U.S. House Rep., 48th Congr., 2nd Sess., Exec. Doc. 44. Govt. Print. Off., Washington, D.C.

Annotated accounts are presented for 54 species, including 42 water birds. A supplemental list of 18 species seen at Plover Bay, Siberia, in 1881 is included. REG

Arctic - Chukchi (Barrow)
Shorebirds, seabirds, waterfowl, other
Annotated list, distribution, habitat, abundance

308. MURDOCH, J. 1885. Notes on some species of birds attributed to Point Barrow, Alaska. Auk 2:200-201.

The annotated accounts of nine water-associated species presented in this note are offered primarily as corrections to similar accounts presented by Nelson (Birds of the Bering Sea and Arctic Ocean, 1883). REG

Arctic - Chukchi (Barrow)
Shorebirds, waterfowl, other
Annotated list

309. MURIE, A. 1946. Observations on the birds of Mount McKinley National Park, Alaska. Condor 48:253-261.

An annotated list of 30 selected species, including 11 water-associated forms, is presented. CMH

Interior - Tanana (Mt. McKinley National Park)
Shorebirds, seabirds, waterfowl, other
Annotated list, behavior, distribution

310. MURIE, O.J. 1936. The birds of St. Lawrence Island, Alaska. Univ. Alaska Misc. Publ. 2:361-375.

This paper "is based on collections made by Geist during several years work on the island. (An) annotated list of birds (is presented), including several additions to Friedmann's list, bringing the total species recorded to more than 90." (From T.J. Cade, 1953, A Synoptic Bibliography of Alaskan Ornithology, Univ. Calif. Dept. Zool., Los Angeles. Original not seen). CMH

Bering Sea - St. Lawrence Is.
Shorebirds, seabirds, waterfowl, other
Annotated list, specimen record

311. MURIE, O.J. 1959. Fauna of the Aleutian Islands and Alaska Peninsula. North Am. Fauna 61. 364 pp.

This major work, based largely on observations gathered in 1936 and 1937, represents the first comprehensive treatment of the avifauna of this region. Included are sections on fishes and mammals as well as detailed physiographic and floristic descriptions of the area. REG

Aleutians
Bering Sea - Bristol Bay (Alaska Peninsula)
Gulf of Alaska - Kodiak (Alaska Peninsula)
Shorebirds, seabirds, waterfowl, other
Annotated list, distribution, habitat, zoogeography

- *312. MYRES, M.T., and J. GUZMAN. 1976. Ecology and behavior of southern hemisphere shearwaters (Genus Puffinus) and other seabirds, when over the outer continental shelf of the Bering Sea and Gulf of Alaska during the northern summer, pp. 1-52. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports from Principal Investigators, Vol. 3. NOAA, Environ. Res. Lab., Boulder, Colo.

This preliminary report discusses primarily the distribution, abundance, and behavior of Short-tailed and Sooty Shearwaters as determined from shipboard surveys. The potential impact of oil development is briefly discussed. Included is tabular information on the distribution of the 22 other species of marine birds observed during the cruises. CMH

Gulf of Alaska
Bering Sea
Shorebirds, seabirds, waterfowl, other
Distribution

- *313. MYRES, M. T., and J. GUZMAN. 1977. Ecology and behavior of southern hemisphere shearwaters (Genus Puffinus) and other seabirds, when over the outer continental shelf of Bering Sea and Gulf of Alaska during the northern summer, pp. 179-191. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 3. NOAA, Environ. Res. Lab., Boulder, Colo.

Observations of shearwaters in summer 1976 are mapped and briefly discussed. The relative abundance of other species of marine birds observed is noted in a table. NMH

Gulf of Alaska
North Pacific
Bering Sea
Shorebirds, seabirds, waterfowl
Abundance, checklist

314. NARVER, D.W. 1970. Birds of the Chignik River drainage, Alaska. Condor 72:102-105.

From observations between 1960 and 1963, the author provides annotated accounts for seven species. The distribution and relative abundance of an additional 60 species, including 37 water-associated forms, are treated in a somewhat more abbreviated format. REG

Gulf of Alaska - Kodiak (Chignik R.)
Shorebirds, seabirds, waterfowl, other
Annotated list, distribution, abundance

- 315* NELSON, E.W. 1880. An afternoon in the vicinity of St. Michaels, Alaska. Bull. Nutt. Ornithol. Club 5:33-36.

In a narrative form, the author describes a collecting trip in the vicinity of St. Michael. Most of the account concerns seabirds; however, a few specimens of shorebirds, waterfowl, and landbirds were collected. MRP

Bering Sea - Norton Sound (St. Michael)
Shorebirds, seabirds, waterfowl, other
Specimen record

316. NELSON, E.W. 1883. Birds of the Bering Sea and Arctic Ocean, pp. 54-120. In Cruise of the Revenue-steamer Corwin in Alaska and the N.W. Arctic Ocean. Treasury Dept. Dec. 429. Washington, D.C.

This represents probably the finest historical account of Alaska avifauna. Nelson provides detailed annotated accounts for some 190 species and subspecies of birds observed in western and northwestern Alaska in 1881. His accounts on birds of the Yukon Delta are further supported by observations he made at St. Michael in the late 1870's. Mention is also made of several species from northeastern Siberia. REG

Alaska
Aleutians
Arctic - Chukchi (Barrow), Kotzebue Sound
Bering Sea - Norton Sound, Yukon Delta
Shorebirds, seabirds, waterfowl, other
Annotated list, distribution

317. NELSON, E.W. 1885. Counter - "Notes on some species of birds attributed to Point Barrow, Alaska." Auk 1:239-241.

This is Nelson's rebuttal to Murdoch's (Auk 2:200-201, 1885) questioning of several of Nelson's observations from the Pt. Barrow region. Nelson stands by his original observations as reported in 1883. REG

Arctic - Chukchi (Barrow)
Shorebirds, waterfowl, other
Annotated list

318. NELSON, E.W. 1887. Report upon Natural History Collections Made in Alaska between the Years 1877 and 1881. U.S. Army, Signal Serv., Arct. Ser. Publ. 3. 337 pp.

This report contains annotated accounts for 258 species or subspecies of birds, of which 132 are water-associated. The information is drawn mainly from the Yukon Delta and Norton Sound areas where the author spent four years, but he also summarizes notes and specimen records from explorers of other areas of Alaska. Notes on migration dates, distribution, relative abundance, general habitat use, plumage, and behavior are included. A partial bibliography of Alaska ornithology is presented. CMH

Alaska
Shorebirds, seabirds, waterfowl, other
Annotated list, distribution, abundance, migration, bibliography, habitat, plumage, specimen record, behavior, food

- *319. NELSON, U.C. 1949. Investigations on Breeding and Wintering Populations, Nesting Studies, and Banding of Migratory Waterfowl. Unpublished report. Project No. 3-R-4. Fed. Aid in Wildl. Rest., Alaska 4(1):4-40.

The author summarizes information from aerial surveys of the Arctic Coast, Yukon-Kuskokwim Delta, and northwest Alaska. Results of nesting and migration studies on the Kaskunuk River and Innoko, Iditarod, and Pike Lake areas are also presented. General observations of many species are included. MRP

Arctic - Beaufort, Kotzebue Sound
Bering Sea - Yukon Delta
Interior - Innoko, Koyukuk
Shorebirds, seabirds, waterfowl, other
Annotated list

- *320. NELSON, U.C. 1951. Migratory Waterfowl Studies, Breeding and Wintering Populations, Nesting and Banding. Unpublished report. Project No. 3-R-6. Fed. Aid in Wildl. Rest., Alaska 6(1):3-61.

This compendium of reports includes checklists of the species of birds recorded during other studies throughout Alaska. MRP

Arctic - Kotzebue
Bering Sea - Yukon Delta
Interior - Innoko, Koyukuk, Tanana
Shorebirds, seabirds, waterfowl, other
Checklist

321. NEWTON, A. 1867. On some new or rare birds' eggs. Proc. Zool. Soc. London 1867:161-168.

Not reviewed.

Specimen record

322. NEWTON, A. 1871. On some new or rare birds' eggs. Proc. Zool. Soc. London 1871:55-58.

Not reviewed.

Specimen record

323. NORTON, D.W., I.W. AILES, and J.A. CURATOLO. 1975. Ecological relationships of the inland tundra avifauna near Prudhoe Bay, Alaska, pp. 125-133. In J. Brown (ed.), Ecological Investigations of the Tundra Biome in the Prudhoe Bay Region, Alaska. Biol. Pap. Univ. Alaska. Spec. Rep. 2. 215 pp.

This paper presents information on abundance, distribution, and reproductive success of birds at Prudhoe Bay, and discusses human-related impacts. MRP

Arctic - Beaufort (Prudhoe Bay)
Shorebirds, seabirds, waterfowl, other
Distribution, reproduction, abundance, pollution

- *324. NYSEWANDER, D.R., and D.B. BARBOUR. 1979. The breeding biology of marine birds associated with Chiniak Bay, Kodiak Island, 1975-1978, pp. 21-106. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, vol. 2. NOAA, Environ. Res. Lab., Boulder, Colo.

Abundance, nesting habitat, breeding phenology, and productivity of 10 species are discussed, and data collected in 1978 are compared with those of 1975 and 1977. Chick growth and feeding rates are addressed for Black-legged Kittiwakes and Tufted Puffins. An annotated list of the 75 species observed in summer 1978 is appended. REG

Gulf of Alaska - Kodiak (Chiniak Bay)
Shorebirds, seabirds, waterfowl, other
Annotated list

- *325. NYSEWANDER, D., and P. KNUDTSON. 1977. The population ecology and migration of seabirds, shorebirds, and waterfowl associated with Constantine Harbor, Hinchinbrook Island, Prince William Sound, 1976, pp. 500-575. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 4. NOAA, Environ. Res. Lab., Boulder, Colo.

The results of seabird colony censuses are reported and compared with 1972 censuses. Reproductive phenology and success are discussed for major breeding species, and results from "sea watch" and shoreline transects are reported. An annotated list of the 90 species observed in summer 1976 is appended. REG

Gulf of Alaska - Prince William Sound (Hinchinbrook Is.)
Shorebirds, seabirds, waterfowl, other
Abundance, reproduction, migration, annotated list

- *326. OAKLEY, K.L., and K.J. KULETZ. 1979. Summer Distribution and Abundance of Marine Birds and Mammals in the Vicinity of Naked Island, Prince William Sound, Alaska, in 1978, and Aspects of the Reproductive Ecology of the Pigeon Guillemot. Unpublished annual report. U.S. Fish and Wildl. Serv., Office of Special Studies, Anchorage, Alaska. 103 pp.

The first section of this report contains annotated species accounts of marine birds and mammals in the vicinity of Naked Island. The second section is a report on the reproductive ecology of Pigeon Guillemots. Appended is an annotated list of all species observed between May 8 and August 31, 1978. MRP

Gulf of Alaska - Prince William Sound (Naked Is.)
Shorebirds, seabirds, waterfowl, other
Annotated list

327. OATES, E.W. 1901-1905. Catalogue of birds' eggs. British Museum, London. I, 1901, 234 pp.; II, 1902, 379 pp.; III, 1903, 323 pp.; IV, 1905, 352 pp.

Not reviewed.

Specimen record

328. O' FARRELL, T.P., and A.M. SHEETS. 1962. Birds observed wintering on Middleton Island, Alaska. Condor 64:440-441.

The authors present annotated accounts for seven species of birds observed on Middleton Island in February 1961. REG

Gulf of Alaska - Northern Gulf (Middleton Is.)
Shorebirds, seabirds, waterfowl, other
Pelagic Cormorant, Emperor Goose, Common Snipe, Glaucous-winged
Gull
Annotated list

329. OSGOOD, W.H. 1901. Natural history of the Cook Inlet region, Alaska. North Am. Fauna 21:51-81.

The author describes the **physiography**, flora, and fauna of the region, which he visited in summer 1900, and summarizes information from other explorers. An annotated list of 77 species of birds, including 30 water-related forms, provides information on relative abundance. CMH

Gulf of Alaska - Cook Inlet
Shorebirds, seabirds, waterfowl, other
Annotated list, habitat

330. OSGOOD, W.H. 1904* A Biological Reconnaissance of the Base of the Alaska Peninsula. North Am. Fauna 24. 86 pp.

This monograph reports field observations of birds and mammals during the summer and fall of 1902. MRP

Bering Sea - Bristol Bay
Gulf of Alaska - Kodiak, Cook Inlet
Shorebirds, seabirds, waterfowl, other
Annotated list

331. OSGOOD, W.H. 1905. In Alaska's rain belt. Condor 7:68-71.

A collecting trip to Prince of Wales Island is recounted. Included are notes on some of the birds observed and collected. NMH

Gulf of Alaska - Southeastern (Prince of Wales Is.)
Seabirds, waterfowl, other
Distribution, specimen record

332. OSGOOD, W.H. 1909. Biological Investigations in Alaska and Yukon Territory. North Am. Fauna 30. 96 pp.

This treatise presents avifaunal accounts based on field investigations in 1903-1904 in eastcentral Alaska and the Yukon Territory. Each section is preceded by an introduction and general account of the region. Some 75 species are addressed of which 18 are water-associated forms. REG

Interior - Upper Yukon (Circle, Eagle)
Shorebirds, seabirds, waterfowl, other
Annotated list, distribution

- 333* OSGOOD, W.H., and L.B. BISHOP. 1900. Results of Biological Reconnaissance of the Yukon River Region. North Am. Fauna 19. 100 pp.

The title of this paper is somewhat misleading, as the text contains information collected in southeastern Alaska and the Bering Sea in transit to and from the Yukon. An itinerary, a discussion of faunal districts, and a section on previous works are presented, along with annotated accounts for over 100 species, including 70 water-associated forms. REG

Bering Sea - Yukon Delta, Pribilof Is.
Gulf of Alaska - Southeastern (Lynn Canal, White Pass)
Shorebirds, seabirds, waterfowl, other
Annotated list

334. OSGOOD, W.H., E.A. PREBLE, and G.H. PARKER. 1914. The Fur Seals and Other Life of the Pribilof Islands, Alaska, in 1914. Bull. Bur. Fish. 34.

On pages 121-124, the authors mention 10 species of birds. (From Gabrielson and Lincoln, Birds of Alaska, 1959. Original not seen.) CMH

Bering Sea - Pribilof Is.
Distribution

335. PAIGE, B. 1979. Birds of Glacier Bay National Monument: A Checklist. U.S. Dept. Int., National Park Service. 15 pp.

This checklist includes 214 species of birds observed in Glacier Bay National Monument. The status, relative abundance, habitat preference, and seasonal occurrence are given for each species. JCG

Gulf of Alaska - Southeastern (Glacier Bay)
Shorebirds, seabirds, waterfowl, other
Checklist

336. PALLAS, P.S. 1781. Neue Nordische Beytrage. Vol. 2, 1781. Vols. 5 and 6, 1793. St. Petersburg.

This is "Steller's Journal of the Sea Voyage from Kamchatka to America and Return, as edited and published by Pallas." (From Gabrielson and Lincoln, Birds of Alaska, 1959. Original not seen.) CMH

337. PALLAS, P.S. 1811. Zoographia Rosso-Asiatica, sistens omnium animalium in extenso Imperio Rossica...Petropoli in officina cass. Academie scientiarum impress. Edit.(1831). 2 vols.

Reference is made to species in Alaska, and the original descriptions of the Pelagic Cormorant and several other species are included. (From T. J. Cade, 1953, A Synoptic Bibliography of Alaskan Ornithology, Univ. Calif. Dept. Zool., Los Angeles. Original not seen.) CMH

Alaska
Shorebirds, seabirds, waterfowl, other
Pelagic Cormorant
Distribution, plumage, taxonomy

338. PALMEN, J.A. 1887. Bidrag till kannedomen om Sibiriska Ishafskustens fogel fauna enligt Vega-expeditionens iakttagelser och samlinger bearbetode. Vega Expedition, Vetensk. Iakttag 5:242-511. Stockholm.

This treatise summarizes primarily observations obtained during the Vega Expedition on avifauna of the Arctic coasts of Siberia. However, it also discusses the distribution of bird species over the entire Arctic province, and addresses matters pertinent to Alaska avifauna. (From Stejneger, 1888, Auk 5:306-311. Original not seen.) CMH

Alaska
Shorebirds, seabirds, waterfowl, other
Distribution

339. PALMER, W. 1899. The avifauna of the Pribilof Islands, pp. 355-431 + plates. In D.S. Jordon (cd.), The Fur Seals and Fur Seal Islands of the North Pacific, Part III. U.S. Treas. Dept., Comm. Fur-seal Investig., Washington, D.C.

This work summarizes, in narrative format, extensive information gathered primarily between 1872 and 1895. Annotated accounts of 69 species, including 54 marine forms, are presented. Numerous specimen records, many with meristic data, are cited. RE G

Bering Sea - Pribilof Is.
Shorebirds, seabirds, waterfowl, other
Annotated list, specimen record

340. PEARSE, T. 1968. Birds of the Early Explorers in the Northern Pacific. Publ. by author. Comax, British Columbia. 275 pp.

Not reviewed.

Alaska

341. PELZEN, A. VON. 1873. On the birds of the Imperial Collection at Vienna obtained from Leverian Museum. Ibis 1873:14-54; 105-124.

This paper "refers to specimens collected during Cook's voyages." (From Gabrielson and Lincoln, Birds of Alaska, 1959. Original not seen.) CMH

Alaska
Specimen record

342. PENNANT, T. 1785. Arctic Zoology, Vol. 2, Class 2, Birds. Henry Hughs, London, pp. 188-586.

This work "contains a few matters pertinent to early records in Alaska, mostly Russian." (From T. J. Cade, 1953, A Synoptic Bibliography of Alaskan Ornithology, Univ. Calif. Dept. Zool., Los Angeles. Original not seen.) CMH

Alaska
Distribution

- *343* PETERSEN, M.R., and M.J. SIGMAN. 1977. Field studies at Cape Peirce, Alaska - 1976, pp. 633-693. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 4. NOAA, Environ. Res. Lab., Boulder, Colo.

This report presents information on the abundance, breeding biology, and predation of seabirds, and on spring migration, molt and foraging areas of loons and waterfowl. An appended table lists the 132 species of birds recorded from the area between 1963 and 1976; notes are included for those recorded only in 1976. CMH

Bering Sea - Bristol Bay (Cape Peirce)
Shorebirds, seabirds, waterfowl, other
Checklist

344. PITELKA, F.A. 1974. An avifaunal review for the Barrow region and North Slope of Arctic Alaska. Arct. Alp. Res. 6:161-184.

This paper reviews published and unpublished avifaunal records of the North Slope of Alaska from 1948 to 1973, with particular reference to the Barrow region. Distributional status is provided for all species. MRP

Arctic - Chukchi, Beaufort
Shorebirds, seabirds, waterfowl, other
Annotated list, checklist, distribution

345. PITELKA, F. A., and H.E. CHILDS, JR. 1951. Banding activities on the Arctic Slope of Alaska. *Bird-Banding* 22:181.

Total numbers of individuals banded in 1951 are given. REG

Arctic - Chukchi (Barrow)
Shorebirds, seabirds, waterfowl, other
Oldsquaw, American Golden Plover, Semipalmated Plover, Ruddy
Turnstone, Baird's Sandpiper, Dunlin, Red Phalarope, Arctic
Tern
Techniques

346. PORTENKO, L.A. 1968. On the problem of the Beringia-bridge. [In German.] *Bonner Zool. Beitr.* 19:176-180.

Not reviewed.

Alaska

347. PREBLE, E. A., and W.L. MCATEE. 1923. A biological survey of the Pribilof Islands, Alaska. Part 1. Birds and Mammals. *North Am. Fauna* 46:1-128.

This is a rather extensive treatment of the avifauna of the Pribilof Islands, including often detailed accounts of the foods and feeding habits of some 130 species. REG

Bering Sea - Pribilof Is.
Shorebirds, seabirds, waterfowl, other
Annotated list, food, distribution, migration

348. PRENTIS, D.W., JR. 1902. Notes on birds of the Pribilof Islands. *Osprey* 1:97-103.

The author summarizes observations of birds on the Pribilof Islands in the summer of 1895. Of the 24 species treated, 22 are water-associated. MR P

Bering Sea - Pribilof Is.
Shorebirds, seabirds, waterfowl, other
Annotated list

349

QUINLAN, S.E. 1979. **Breeding** biology of storm-petrels at **Wooded Islands**, Alaska. **M.S. thesis**. - Univ. Alaska, Fairbanks. 206 pp.

This thesis presents results of a two-year study of the comparative breeding biology of Leach's and Fork-tailed Storm-Petrels. Taxonomy, predation, and chick growth are also treated in depth. An appendix notes the breeding status of the 118 species recorded during the two summers. CMH

Gulf of Alaska - Prince William Sound (Wooded Is.)
Shorebirds, seabirds, waterfowl, other
Checklist

350. RAUSCH, R. 1958. The occurrence and distribution of birds of Middleton Island, Alaska. *Condor* 60:227-242.

The author conducted a survey of the birds of Middleton Island in June 1956, and recorded 45 species. He correlates the distribution of the 16 breeding species with major ecological formations. REG

Gulf of Alaska - Northern Gulf (Middleton Is.)
Shorebirds, seabirds, waterfowl, other
Annotated list, habitat, distribution

3510 REED, E.B. 1956. Notes on some birds and mammals of the **Colville** River, Alaska. *Can. Field-Nat.* 70:130-136.

Provided is an annotated list of the 46 species of birds observed on a float trip down the **Colville** River during summer 1955. Information on relative abundance, habitat use, and breeding status is included, along with a checklist of the species seen at each confluence along the river. Twenty-six of the species are **water-associated**. CMH

Arctic - Beaufort (**Colville** R.)
Shorebirds, seabirds, waterfowl, other
Annotated list, distribution, abundance, habitat, checklist

352. REICHENOW, A. 1909. Birds, pp. 240-245. In P. Niedrach, *Cruises in the Bering Sea*, London.

Not reviewed.

Bering Sea

353. RIDGWAY, R. 1893. *Catalogue* of a collection of birds made in Alaska by Mr. C.H. Townsend during the cruise of the U.S. Fish Commission steamer Albatross in the summer and autumn of 1888. *Proc. U. S. Natl. Mus.* 16:663-665.

Specimen numbers and locations of collections are listed. MRP

Gulf of Alaska
North Pacific
Shorebirds, seabirds, other
Specimen record

354. RILEY, J.H. 1910. Annotated *catalogue* of a collection of birds by Mr. Copley Ambry, Jr. in northeastern Siberia. *Proc. U. S. Natl. Mus.* 54:607-626.

Much of this paper deals with eastern Siberian birds, but will be of interest to anyone addressing *avifauna* of the northern Bering Sea and Gulf of Alaska. Included are reports of specimens of Short-tailed Shearwater collected in Alaska waters. REG

Bering Sea - Bristol Bay
Gulf of Alaska - Kodiak
Seabirds, waterfowl, other
Short-tailed Shearwater
Specimen record, distribution

- *355* RITCHIE, R. 1978. Seabirds and their Nesting Habitats on Western Nunivak Island, Alaska. Unpublished final report. U.S. Fish and Wildl. Serv., Anchorage, Alaska. 34 pp.

The author conducted surveys of breeding seabirds from July 1-29, 1978. Habitats and their use by seabirds are described, and estimates of breeding populations are presented. Daily checklists are appended. MRP

Bering Sea - Nunivak Is.
Shorebirds, seabirds, waterfowl, other
Checklist

356. ROTHE, T.C. 1979* Birds Associated with the Atigun River Crude Oil Spill (TAPS). Unpublished report. U.S. Fish and Wildlife Service, Anchorage, Alaska. 6 pp.

The author reports observations from June 26-28, 1979 of birds and habitats affected by the Atigun River crude oil spill of June 10, 1979. MRP

Interior - Upper Yukon (Atigun R.)
Shorebirds, seabirds, waterfowl, other
Pollution, habitat

357. ROWINSKI, L.J. 1970. The bird and mammal collections of the University of Alaska. Proc. Alaska Science Conf. 11:36. (Abstract)

The collections of birds and mammals in the Museum of the University of Alaska are briefly described; holdings of particular interest are noted. MMH

Alaska
Shorebirds, seabirds, waterfowl, other
Specimen record

358. SAGE, B. 1973. Alaska and its Wildlife. Viking Press, N.Y. 128 pp.

This book presents a naturalist's description of the state and its wildlife. The author also discusses the problem of development in relation to conservation, and suggests means to preserve the wilderness. CMH

Alaska
Shorebirds, seabirds, waterfowl, other
Public interest, pollution, management

359. SAGE, B.L. 1974. Ecological distribution of birds in the Atigun and Sagavanirktok River Valleys, Arctic Alaska. Can. Field-Nat. 88:281-291.

This paper addresses habitat use and compares the avifauna of the area with that of the Colville River Valley. Observations from summer and fall 1969 and 1970, plus June 1971, provide the basis for annotated accounts for 65 species. Included are 40 water-associated forms. REG

Arctic - Beaufort (Atigun R., Sagavanirktok R.)
Shorebirds, seabirds, waterfowl, other
Annotated list, habitat

360. SAGE, B. 1974. The Yukon-Kuskokwim Delta in Alaska supports monumental numbers of birds, delta paradise. *Wildlife* 16(9):412-415.

Not reviewed.

Bering Sea - Yukon Delta

361. SAGE, B.L. 1975. Recent observations in the Wrangell Mountains, Alaska. *Condor* 77:206-230.

Annotated accounts summarize observations of 22 species, including 8 water-associated forms, during summer 1973. REG

Gulf of Alaska - Copper River (Wrangell Mtns.)
Shorebirds, waterfowl, other
Annotated list, distribution

362. SALTER, R., and R.A. DAVIS. 1974. Surveys of terrestrial bird populations in Alaska, Yukon Territory, Northwest Territories and Northern Alberta, May, June, July, 1972. *Arct. Gas Biol. Rep. Ser.* 12:36-384.

The authors conducted a series of ground censuses along the proposed gas pipeline route during summer 1972. Thirteen habitat types are described, and bird densities and species composition are analyzed for each. An annotated list presents information on abundance and habitat use for 152 species. Checklists indicate the species recorded at each census site. CMH

Arctic - Beaufort
Shorebirds, seabirds, waterfowl, other
Annotated list, checklist, habitat, abundance

- *363. SANGER, G.A. 1972. Checklist of bird observations from the eastern North Pacific Ocean, 1955-1967. *Murrelet* 53:16-21.

The author has summarized bird observations collected aboard oceanographic vessels during 26 cruises between 1955 and 1967. Annotated accounts are presented for 36 species of birds, all typical marine forms except for Peregrine Falcon and Long-eared Owl. REG

Gulf of Alaska
Aleutians
North Pacific
Shorebirds, seabirds, waterfowl, other
Annotated list, distribution, abundance

364. SANGSTER, M.E. 1979. Seasonal distribution and habitat utilization of marine birds in Port Valdez, Alaska. Pac. Seabird Group Bull. 6(2):38. (Abstract)

This paper reports on the winter and summer distribution of marine birds in Port Valdez and assesses the extent of bird use in the area. MRP

Gulf of Alaska - Prince William Sound (Port Valdez)
Shorebirds, seabirds, waterfowl
Abundance, distribution

- *365. SANGSTER, M.E., D.J. KURHAJEC, and C.T. BENZ. 1978. Reproductive Ecology of Seabirds at Hinchinbrook Island and a Census of Seabirds at Selected Sites in Prince William Sound, 1977. Unpublished annual report. U.S. Fish and Wildl. Serv., Office of Special Studies, Anchorage, Alaska. 98 pp.

This report includes information on the abundance, breeding phenology, and productivity of seabirds using Constantine Harbor and Porpoise Rocks; general accounts of shorebirds, waterfowl, Bald Eagles, and marine mammals; information on breeding populations of Pigeon Guillemots and Parakeet Auklets on Smith and Little Smith Islands; and census information on seabirds of Naked and Storey Islands. MRP

Gulf of Alaska - Prince William Sound
Shorebirds, seabirds, waterfowl, other
Abundance, distribution, annotated list, food

366. SAUER, E. G. F., and E.K. URBAN. 1964. Bird notes from St. Lawrence Island, Alaska. Bonn. Zool. Beitr. 15:45-58.

Not reviewed.

Bering Sea - St. Lawrence Is.

367. SAUER, M. 1802. An Account of a Geographical and Astronomical Expedition to the Northern Parts of Russia...the Whole Coast of the Tshutski...and of the Islands in the Eastern Ocean, Stretching to the American Coast Performed...by Commodore Joseph Billings in the Year 1785...to 1794.

Page 179 pertains to birds on Kodiak. (From Gabrielson and Lincoln, Birds of Alaska, 1959. Original not seen.) CMH

Gulf of Alaska - Kodiak (Kodiak Is.)

368. SCHAANNING, H.T.L. 1928. Birds from the North-eastern Siberian Arctic Ocean, pp. 1-16. In The Norwegian North Polar Expedition with the Maud 1918-1925, Scientific Results, Vol. 5.

Sightings of 19 species are summarized, including Ross' Gull, Steller's Eider, Black Brant, and Snow Goose (from summary in Auk 46:256, original not seen). REG

Arctic
Shorebirds, seabirds, waterfowl, other
Annotated list, distribution

369. SCHALOW, H. 1891. J. F. von Brandt: Weber die Vogelfauna der Aleuten, Kurlien und der Russischamerikanis. Chen Colonien. Journ fur Ornith. 39:235-271.

This paper "includes a list of 128 species with many records from Alaska." (From Gabrielson and Lincoln, Birds of Alaska, 1959. Original not seen.) CMH

Alaska
Shorebirds, seabirds, waterfowl, other
Annotated list

370. SCHAMEL, D. 1976. Avifaunal utilization of the offshore island area near Prudhoe Bay, Alaska, pp. 409-447. In Environmental Assessment of the Alaskan Continental Shelf, Principal Investigators' Reports, July - September 1976, Vol. 1. NOAA, Environ. Res. Lab., Boulder, Colo.

This final report provides results of a study of bird use of Egg Island and surrounding waters during summer 1972. Annotated accounts are presented for the major species, and graphs depict densities throughout the season in bay, sea, and island habitats. Patterns of habitat use are discussed in light of potential petroleum development. CMH

Arctic - Beaufort (Egg Is.)
Shorebirds, seabirds, waterfowl, other
Annotated list, habitat, abundance, pollution, management, migration

371. SCHAMEL, D. 1978. Bird use of a Beaufort Sea barrier island in summer. Can. Field-Nat. 92:55-60.

This paper documents changes in bird numbers over time and space near a barrier island in summer. Annotated accounts of eiders, Oldsquaw, Loons, Red Phalaropes, Glaucous Gulls, and Arctic Terns are presented. REG

Arctic - Beaufort (Egg Is.)
Shorebirds, seabirds, waterfowl, other
Annotated list, habitat, migration, abundance

372. SCHAMEL, D., D. TRACY, P.G. MICKELSON, and A. SEGUIN. 1979. Avian community ecology at two sites on Espenberg Peninsula in Kotzebue Sound, Alaska, pp. 289-607. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 5. NOAA, Environ. Res. Lab., Boulder, Colo.

A study of avian occurrence and habitat use in the vicinity of Cape Espenberg was conducted during summers 1976 and 1977. Detailed information is presented on seasonal abundance, breeding biology, foods, habitat preferences, and predation. Daily checklists and an annotated species list are included for the 85 species of birds recorded. The probable impacts on birds from petroleum development are assessed. CMH

Arctic - Kotzebue Sound (Cape Espenberg)
Shorebirds, seabirds, waterfowl, other
Abundance, habitat, breeding biology, growth, annotated list, checklist, predation, subsistence, pollution, food

373. SCHMIDT, W.T. 1970. A Field Survey of Bird Use at Beaufort Lagoon. Unpublished report. U.S. Fish and Wildl. Serv., Fairbanks, Alaska. 34 pp.

An ecological survey of Beaufort Lagoon and adjacent areas was conducted from June through September. The species and number of birds observed in each habitat are noted. Annotated species accounts are presented for loons, grebes, swans, geese, and ducks. MRP

Arctic - Beaufort (Beaufort Lagoon)
Shorebirds, seabirds, waterfowl, other
Checklist, habitat, abundance, distribution, annotated list

374. SCHULMEISTER, S. 1979. Migratory Birds of Amchitka Island, Alaska, November 26, 1975 - June 30, 1979. Unpublished report. U.S. Fish and Wildl. Serv., Anchorage, Alaska. 57 pp.

This paper presents information from weekly bird censuses and from personal field notes of other observers. Sixty-two species are listed, 19 of which are new to the island. MRP

Aleutians (Amchitka Is.)
Shorebirds, seabirds, waterfowl, other
Abundance, annotated list

375. SCHWEINSBERG, R.E. 1974. An ornithological study of proposed gas pipeline routes in Alaska, Yukon Territory, and the Northwest Territories, 1971. *Arct. Gas Biol. Rep. Ser.* 10:1-215.

This paper describes the bird populations along the proposed alternative gas pipeline routes between Prudhoe Bay and Arctic Red River and from Ft. McPherson to the U.S. border. MRP

Arctic - Beaufort
Shorebirds, seabirds, waterfowl, other
Distribution, abundance, habitat

- *376. SCOTT, R.F. 1948. Banding of Waterfowl and Study of Nesting Conditions. Unpublished report. Fed. Aid in Wildl. Rest., Alaska. Project No. 3-R-3, Work Plan No. 8, Job No. 8. 49 pp.

An intensive survey of the Innoko River region was conducted primarily to determine habitat use by waterfowl. Information on their abundance, distribution and life history is presented. A checklist of all birds observed in the region and notes on the most common species are included. MRP

Interior - Innoko
Shorebirds, seabirds, waterfowl, other
Checklist

377. SEALE, A. 1898. Notes on Alaskan water birds. *Proc. Acad. Nat. Sci. Phila.* 1898:126-140.

Not reviewed.

Alaska

378. SEALY, S.G. 1967. Spring bird phenology on St. Lawrence Island, Alaska. Blue Jay 25: 23-24.

Spring arrival dates are given for 25 species. REG

Bering Sea - St. Lawrence Is.
Shorebirds, seabirds, waterfowl, other
Migration

379. SEALY, S.G., J. BÉDARD, M.D.F. UDVARDY, and F.H. FAY. 1971. New records and zoogeographical notes on the birds of St. Lawrence Island, Bering Sea. Condor 73:322-336.

This paper reports several additions to the known avifauna of St. Lawrence Island and discusses the zoogeographical significance of these and previous records. Approximately half of the 55 species discussed are coastal or marine-associated. REG

Bering Sea - St. Lawrence Is.
Shorebirds, seabirds, waterfowl, other
Annotated list, distribution, zoogeography

380. SELKREGG, L.L. (ed.). 1975. Alaska Regional Profiles: Arctic Region (218 pp.), Southwest Region (313 pp.), Southcentral Region (255 pp.), Yukon Region (346 pp.), Southeast Region (233 pp.), Northwest Region (265 pp.). Univ. Alaska, Arct. Environ. Inform. Data Center, Anchorage.

These volumes describe in general the natural resources of and influences of man on each region of Alaska. The families of birds occurring in each major habitat are listed. CMH

Alaska
Shorebirds, seabirds, waterfowl, other
Public interest, management

- *381 . SENNER, S. 1977. Food habits of migrant Dunlins and Western Sandpipers on the Copper River Delta, Alaska, pp. 576-592. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 4. NOAA, Environ. Res. Lab., Boulder, Colo.

This report presents results of a preliminary analysis of stomach contents, plus a discussion of live-trapping techniques. Included in an appendix are selected observations of spring and fall migration for 45 species of birds. CMH

Gulf of Alaska - Copper River (Copper R. Delta)
Shorebirds, seabirds, waterfowl, other
Migration, annotated list

382. SHELDON, C. 1909. List of birds observed on the upper Toklat River near Mt. McKinley, Alaska, 1907-1908. Auk 26:66-70.

Included in this annotated list of 60 species is information on spring arrival, breeding status, and relative abundance. Sixteen of the species are water-associated. CMH

Interior - Tanana (Toklat R.)
Shorebirds, seabirds, waterfowl, other
Annotated list, abundance, migration

- *383 . SHEPHERD, P.E.K. 1962. An ecological reconnaissance of the Trumpeter Swan in southcentral Alaska. M.S. thesis. Washington State Univ., Pullman. 168 pp.

This thesis presents detailed information on the breeding biology, distribution, abundance, and habitat requirements of Trumpeter Swans in Alaska. Recommendations for management and research are included. MRP

Gulf of Alaska - Copper River (Copper R. Delta)
Shorebirds, seabirds, waterfowl, other
Checklist

384. SHIELDS, G.F., and L.J. PEYTON. 1977. Avian community ecology of the Akulik-Inglutalik River Delta, Norton Bay, Alaska, pp. 150-205. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 5. NOAA, Environ. Res. Lab., Boulder, Colo.

An annotated list and histograms document the seasonal abundance and breeding status of the 83 species of birds observed in summer 1976. Nesting densities, **phenology**, and success are summarized for the most common breeding species. CMH

Bering Sea - Norton Sound (Norton Bay)
Shorebirds, seabirds, waterfowl, other
Checklist, annotated list, abundance, reproduction

385. SHIELDS, G.F., and L.J. PEYTON. 1979. Avian community of the Akulik-Inglutalik River Delta, Norton Bay - Alaska, pp. 608-710. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 5. NOAA, Environ. Res. Lab., Boulder, Colo.

The avifauna of upper Norton Bay were investigated in summer 1976 and 1977. A checklist notes the relative abundance and nesting status of 103 species. Quantitative data on habitat use, timing of migration, nesting densities, productivity, and banding returns are presented for the most common species. Invertebrates sampled from pond edges and nearshore mudflats are identified. CMH

Bering Sea - Norton Sound (Norton Bay)
Shorebirds, seabirds, waterfowl, other
Habitat, migration, abundance, reproduction, subsistence,
predation, food, checklist, pollution

386. SHORTT, T.M. 1939. The Summer Birds of Yakutat Bay, Alaska. Contr. Royal Ontario Mus. Zool. 17. 30 pp.

The author presents annotated accounts of the birds observed and collected between May 13 and August 24, 1939. Of the 96 species addressed, 46 are water-associated. A general description of the area is included. MRP

Gulf of Alaska - Copper River (Yakutat)
Shorebirds, seabirds, waterfowl, other
Annotated list, specimen record

387. SHUNTOV, V.P. 1962. Land birds and shorebirds in the Bering Sea. [In Russian.] *Ornithologiya* 4:373-375.

Not reviewed.

Bering Sea
Shorebirds, other

- *388. SHUNTOV, V.P. 1972. Marine Birds and the Biological Structure of the Ocean. *Pac. Res. Instit. Fish. Manage. Oceanogr. (T INRO)*, Far-Eastern Publishers, Vladivostok. 378 pp. [Transl. from Russian, Agence Tunisienne de Public - Relations for U.S. Dept. Int., Bur. Sport Fish. Wildl. and Natl. Sci. Found, 1974. 566 pp.]

The species' assortment, seasonal distribution, migration, population density, numbers and geographic dispersal of seabirds are examined with respect to the existing biological structure of the World Ocean. Considerable attention is given to 17 species, 9 of them common to Alaska waters. The number of seabirds on the World Ocean is estimated and their role as consumers of other animals is discussed. REG

Gulf of Alaska
Aleutians
North Pacific
Bering Sea
Shorebirds, seabirds, waterfowl
Distribution, abundance

389. SLADEN, W.J. 1966. Additions to the avifauna of the Pribilof Islands, Alaska, including five species new to North America. *Auk* 83:130-135.

The author reports the addition of 22 species to the list of avifauna of the Pribilof Islands. Observations and collections were made in 1960, 1961, and 1962 and include those of 15 species of water-associated birds. REG

Bering Sea - Pribilof Is.
Shorebirds, seabirds, waterfowl, other
Annotated list, distribution, specimen record

390. SLATER, R., and R.A. DAVIS. 1974. Surveys of terrestrial bird populations in Alaska, Yukon Territory, Northwest Territories, and northern Alberta, May, June, July 1972. *Arct. Gas Biol. Rep. Ser.* 12:36-384.

Bird populations were **censused**, habitat types were identified, and habitat use by birds was quantified at sites along the proposed gas pipeline route. MRP

Arctic - Beaufort
Shorebirds, seabirds, waterfowl, other
Abundance, annotated list, distribution, habitat

391. SMITH, P.S., and J.B. MERTIE, JR. 1930. Geology and Mineral Resources of Western Alaska. U.S. *Geol. Surv. Bull.* 815. 351 pp.

This volume primarily reports on the early geological investigation of northwestern Alaska. A brief anecdotal account of the region's **avifauna** is included. NMH

Arctic - Chukchi
Waterfowl, other
Distribution

- *392. SNARSKI, D. 1970. Kittiwake ecology, Tuxedni National Wildlife Refuge. Alaska Coop. *Wildl. Res. Unit Quart. Prog. Rep.* 22(1) :10-12.

This progress report presents a brief summary of results from a study on the nesting ecology of Black-legged Kittiwakes on Chisik Is1 and. Included is an annotated list of 57 species of birds, 32 of them water-related, observed on or near the island. MRP

Gulf of Alaska - Cook Inlet (Tuxedni NWR)
Shorebirds, seabirds, waterfowl, other
Annotated list

393. SNYDER, L.L. 1926. The birds of Wrangell Island, with special reference to the Crawford Collection of 1922. Univ. Toronto *Stud. Biol. Ser.* 28:3-20.

This includes an "annotated list of 20 species and a hypothetical list of 17 others. References are made to some matters of Alaskan distribution." (From T.J. Cade, 1953, A Synoptic Bibliography of Alaskan Ornithology, Univ. Calif. Dept. *Zool.*, Los Angeles. Original not seen.) CMH

Alaska
Distribution

394. SPINDLER, M.A. 1979. Bird Populations in Coastal Habitats, Arctic National Wildlife Range, Alaska. Unpublished report. U.S. Fish and Wildl. Serv., Fairbanks, Alaska. 23 pp.

This report presents information on the abundance and distribution of birds within the coastal zone of the Arctic National Wildlife Range. MRP

Arctic - Beaufort (Arctic NWR)
Shorebirds, seabirds, waterfowl, other
Abundance, distribution

395. SPINDLER, M.A., and B. KESSEL. 1977. Wetland Bird Populations in the Upper Tanana River Valley, Alaska, 1977. Unpublished report. Northwest Alaskan Pipeline Company. 71 pp.

This report contains information on the timing of migration, habitat use, density, and species diversity of birds in the upper Tanana River, Lower Nabesna River, Chisana River, and Scottie Creek drainages. MRP

Interior - Tanana (Tanana R.)
Shorebirds, seabirds, waterfowl, other
Abundance, distribution, habitat, migration

396. SPINDLER, M.A., M.A. MOUTON, and S.O. MACDONALD. 1980. Biological Surveys in the Firth-Mancha Research Natural Area, Alaska, 1979-1980. Unpublished report. U.S. Fish and Wildlife Serv., Fairbanks, Alaska. 91 pp.

This report includes an annotated list of the 87 species of birds, including 33 water birds, recorded in the Mancha Creek area. Habitat types are identified and described; the distribution and abundance of birds are analyzed for five major habitats. Intense field work in summer 1979 was supplemented by visits in other seasons. CMH

Arctic - Beaufort (Mancha Creek)
Shorebirds, seabirds, waterfowl, other
Annotated list, abundance, distribution, habitat

397. SPRINGER, H.K. 1966. Unusual bird records from Hooper Bay, Alaska. Condor 68:600-601.

Annotated accounts of five species of birds seen near Hooper Bay between May 22 and 29, 1964, are presented. Included are Rufous-necked Sandpiper, Short-billed Dowitcher, Aleutian Tern, Black Guillemot, and Brambling. REG

Bering Sea - Yukon Delta (Hooper Bay)

Shorebirds, seabirds, other

Short-billed Dowitcher, Rufous-necked Sandpiper, Aleutian Tern, Black Guillemot

Annotated list, status, distribution

398. STEJNEGER, Lo 1885. Results of Ornithological Explorations in the Commander Islands and in Kamschatka. U.S. Natl. Mus. Bull. 29. 382 pp.

The author discusses 142 species collected or observed, plus other matters, some of which relate to Alaska. (From T. J. Cade, 1953, A Synoptic Bibliography of Alaskan Ornithology, Univ. Calif. Dept. Zool., Los Angeles. Original not seen.) CMH

Alaska

Distribution

399. STEJNEGER, L. 1888. Palmen's contributions to the knowledge of the bird fauna of the Siberian coasts of the Arctic Sea. Auk 5:306-311.

In the course of this review, the author also discusses the identification, taxonomic status, and occurrence of seven species of Alaska water birds. CMH

Arctic

Bering Sea

Shorebirds, seabirds, waterfowl

White-fronted Goose, American Golden Plover, Rufous-necked Sandpiper, Dunlin, Herring Gull, Black-legged Kittiwake, Black Guillemot

Taxonomy, distribution, plumage

400. STONE, W. 1900. Report on the birds and mammals collected by the McIlhenny Expedition to Pt. Barrow, Alaska. Proc. Acad. Nat. Sci. Phila. 1900:4-49.

This paper summarizes specimen data and gives a brief description of molts and plumages of birds collected at several sites in Alaska between July 1897 and August 1898. The collection consists of over 1,400 specimens of 59 species. MRP

Arctic - Chukchi (Cape Lisburne, Wainwright, Pt. Hope, Barrow)
Bering Sea - Norton Sound (Port Clarence, King Is.)
North Pacific
Shorebirds, seabirds, waterfowl, other
Annotated list, specimen record, plumage

401. STRESEMANN, E. 1948. Dr. C.H. Merck's ornithologische Aufzeichnungen, während der Billings'schen Expedition von Ochotsk nach Alaska (1787-1791). [In German.] Zoologische Jahrbücher; Abt. für Systematic, Ökologie and Geographic der Tiere 1948. Bol. 78:97-132.

Not reviewed.

402. STRESEMANN, E. 1949. Birds collected in the North Pacific area during Capt. James Cook's last voyage (1778 and 1779). Ibis 91:244-255.

This paper presents a brief itinerary of the voyage and lists all of the specimens collected at each stop. Several changes in nomenclature are suggested. MRP

Gulf of Alaska - Prince William Sound
Aleutians - (Unalaska Is.)
Bering Sea - Norton Sound, St. Matthew Is.
Shorebirds, seabirds, waterfowl, other
Taxonomy, specimen record

403. SUTTON, G.M., and R.S. WILSON. 1946. Notes on the winter birds of Attu. Condor 48:83-91.

Annotated accounts, summarizing observations obtained between February 20 and March 18, 1945, are presented for 26 species, including 18 water-associated forms. REG

Aleutians - (Attu Is.)
Shorebirds, seabirds, waterfowl, other
Annotated list

404. SWARTH, H.S. 1911. Birds and mammals of the 1909 Alexander Alaska Expedition. Univ. Calif. Publ. Zool. 7:9-172.

This very detailed report describes habitats of various localities visited by the expedition, and presents detailed annotated accounts of birds and mammals observed. Of the 137 species of birds recorded, 55 are water-oriented forms. MRP

Gulf of Alaska - Southeastern (Sitka district)
Shorebirds, seabirds, waterfowl, other
Annotated list, specimen record, habitat

405. SWARTH, H.S. 1922. Birds and mammals of the Stikine River region of northern British Columbia and southeastern Alaska. Univ. Calif. Publ. Zool. 24:125-314.

The author describes the habitats of the Stikine valley, and provides checklists and annotated accounts of birds and mammals of the area. Of the 127 species of birds treated, 24 are water-associated. MRP

Gulf of Alaska - Southeastern (Stikine R.)
Shorebirds, seabirds, waterfowl, other
Habitat, checklist, annotated list

406. SWARTH, H.S. 1934. Birds of Nunivak Island, Alaska. Pac. Coast Avifauna 22. 64 pp.

This work remains the most extensive and complete account of the avifauna of this Bering Sea island. Observations were made between June 30 and November 6, 1927, and address some 150 forms. Morphometric data are reported for many of the 555 specimens collected. REG

Bering Sea - Nunivak Is.
Shorebirds, seabirds, waterfowl, other
Annotated list, status, distribution, migration, habitat, specimen record

407. SWARTH, H. 1936. Origins of the fauna of the Sitkan district, Alaska. *Proc. Calif. Acad. Sci.* (4th ser.) 15:59-78.
- The author discusses the possible geographic origins of species of birds, mammals, and amphibians in southeastern Alaska. The distribution of 32 species and subspecies of birds in this region and adjacent areas is discussed. MRP
- Gulf of Alaska - Southeastern
Shorebirds, seabirds, waterfowl, other
Great Blue Heron, Canada Goose, Mallard, Spotted Sandpiper,
Greater Yellowlegs
Distribution, zoogeography
408. TABER, R.D. 1946. The winter birds of Adak, Alaska. *Condor* 48:272-277.
- Annotated accounts summarize observations between November 18, 1945, and January 20, 1946. Of the 37 species of birds observed, 26 were water-associated forms. A brief comparison of the winter avifaunas of Adak and Attu Islands is presented. REG
- Aleutians - (Adak Is., Attu Is.)
Shorebirds, seabirds, waterfowl, other
Annotated list
409. TAVERNER, P.A. 1915. List of specimens collected by Capt. Jos. Benard on the Arctic Coast, N. W. T., Canada. *Summ. Rep., Geol. Surv.*, Dept. Mines, 1915:258-260.
- This paper includes "several specimens taken in Alaska." (From Gabrielson and Lincoln, *Birds of Alaska*, 1959. Original not seen.) CMH
- Arctic
Specimen record
410. TAYLOR, E.J., S.G. SIMPSON, and M.S. BROMLEY. 1980. Waterbird Populations and Wetland Habitats at Goose Lake Study Site, 1979. Unpublished report. U.S. Fish and Wildl. Serv., Office of Special Studies, Anchorage, Alaska. Unpaginated.
- This report provides detailed information on wetland habitats near Teshekpuk Lake and their seasonal use by birds. MRP
- Arctic - Beaufort (Teshekpuk R.)
Shorebirds, seabirds, waterfowl, other
Abundance, distribution, habitat, reproduction, food, disturbance, annotated list

411. THAYER, J.E., and O. BANGS. 1914. Notes on the birds and mammals of the Arctic Coast of East Siberia. *Proc. New England Zool. Club* 5:1-66.

This paper includes an "annotated list of 109 species, some of which have pertinence to Alaska." (From T. J. Cade, 1953, A Synoptic Bibliography of Alaskan Ornithology, Univ. Calif. Dept. Zool., Los Angeles. Original not seen.) CMH

Alaska
Annotated list

412. THOMPSON, Co F. 1967. Notes on the birds of the Northeast Cape of St. Lawrence Island and of the Penuk Islands, Alaska. *Condor* 69:411-419.

This paper presents annotated accounts of 44 species, including 38 water-associated forms, observed from April 25, 1964, to January 20, 1965. Avian habitats of the area are described. REG

Bering Sea - St. Lawrence Is., Penuk Is.
Shorebirds, seabirds, waterfowl, other
Annotated list, habitat

413. TOWNSEND, C.H. 1887. List of the midsummer birds of the Kowak River, northern Alaska. *Auk* 4:11-13.

This is a checklist of the 52 species of birds, including 21 water birds, observed during an exploration of the Kowak (= Kobuk) River in July and August 1885. Relative abundance and breeding status are noted. CMH

Arctic - Kotzebue Sound (Kobuk R.)
Shorebirds, seabirds, waterfowl, other
Checklist, abundance

414. TOWNSEND, C.H. 1887. Notes on the natural history and ethnology of northern Alaska, pp. 85-162. In Capt. M.A. Healy, Report of the Cruise of the Revenue Steamer Corwin in the Arctic Ocean, 1885. U. S. Govt. Print. Off., Washington, D.C.

Brief annotated accounts are given for 58 species observed along the Kowak (= Kobuk) River in summer 1885. In addition, there is a short description of birds "obtained at various places between the Aleutian Islands and Kotzebue Sound." This consists of short annotated accounts for the 48 species collected, and concerns mostly birds encountered on the Pribilof Islands and Unalaska.
REG

Arctic - Kotzebue Sound (Kobuk R.)
Bering Sea
Aleutians
Shorebirds, seabirds, waterfowl, other
Annotated list, specimen record

- *415. TRAPP, J.L. 1977. Aerial Bird Survey of the Coastal Waters of Kodiak Island, Alaska: March 9-14, 1977. Unpublished report. U. S. Fish and Wildlife Serv., Kodiak National Wildlife Refuge, Kodiak, Alaska. 17 pp.

An aerial survey was conducted over coastal waters of Kodiak Island. Annotated accounts are presented for the species of birds observed, and distribution patterns are discussed. Numbers of birds, densities, and frequency of occurrence are summarized in tables for each species. Results are compared with those of previous surveys. CMH

Gulf of Alaska - Kodiak (Kodiak Is.)
Shorebirds, seabirds, waterfowl
Abundance, annotated list, habitat, distribution

416. TRAUTMAN, M.B. 1966. Birds, pp. 121-144. In A. Mirsky (cd.), Soil Development and Ecological Succession in a Defoliated Area of Muir Inlet, Southeast Alaska. Inst. Polar Stud., Ohio State Univ. Res. Found. Rep. 20. 167 pp.

Transects radiating from a retreating glacier were censused repeatedly in June 1965 to determine abundance of the 110 species recorded in the area. Abundance was then analyzed, for the most common species, in relation to the amount of time habitats had been available since glaciation. Only general results are discussed, but tables present a daily list of the numbers of each species seen and summarize specific results. CMH

Gulf of Alaska - Southeastern (Muir Inlet)
Shorebirds, seabirds, waterfowl, other
Checklist, abundance, habitat

417. TRUETT, J.C. 1978. Beaufort Sea barrier island-lagoon ecological process studies, Section 1. Overview and synthesis, pp. 406-466. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 7. NOAA, Environ. Res. Lab., Boulder, Colo.

This report provides a brief overview and synthesis of information from studies on the oceanography, geology, and ecology of a barrier island/lagoon system. The information on birds is summarized from Johnson (1978, same volume). CMH

Arctic - Beaufort (Simpson Lagoon)
Shorebirds, seabirds, waterfowl, other
Abundance, habitat, migration, food, management, disturbance

418. TULL, C.E., I.D. THOMPSON, and P.E. TAYLOR. 1974. Continuing surveys of terrestrial bird populations in Northwest Territories, Yukon Territory, and Alaska: June and July, 1973. Arct. Gas Biol. Rep. Ser. 29:1-217.

Ground censuses of avian populations were conducted along the proposed gas pipeline route. Results and discussion are very general. A checklist of all species seen is appended. CMH

Arctic - Beaufort
Shorebirds, seabirds, waterfowl, other
Checklist, abundance, distribution, habitat

419. TURNER, L.M. 1885. Notes on the birds of the Nearer Islands, Alaska. Auk 2:154-159.

The author provides a short description of the three westernmost Aleutian Islands and includes a briefly annotated checklist of the birds observed or collected there during a year-long visit in 1880-1881. Relative abundance and breeding status are noted for each of the 69 species recorded, 51 of which are water-associated. CMH

Aleutians - (Attu Is. , Agattu Is. , Semichi Is.)
Shorebirds, seabirds, waterfowl, other
Annotated list, subsistence

420. TURNER, L.M. 1886. Contributions to the natural history of Alaska, Part V, Birds, pp. 115-196. In U.S. Army Signal Service, Arct. Ser. Publ. 2., Washington, D.C.

This major work is the result of extensive field work conducted between 1874 and 1881. Detailed annotated accounts are presented for 161 taxa, with specimen and meristic data listed for several. Most of the work was conducted over western Alaska and the eastern Aleutians. A checklist of all birds known from Alaska at that time is appended. REG

Alaska
Aleutians - (Unalaska Is.)
Bering Sea - Norton Sound (St. Michael)
Shorebirds, seabirds, waterfowl, other
Annotated list, subsistence, distribution, specimen record,
checklist

421. U.S. FISH AND WILDLIFE SERVICE. 1948 to present. Kenai National Moose Range. Unpublished narrative reports. U.S. Fish and Wildl. Serv., Anchorage, Alaska.

These narrative reports present information on weather, habitat, wildlife, refuge development and maintenance, resource management, public relations, and field investigations on the refuge. The amount and type of information vary between years. However, numbers, arrival dates, and general observations of birds are included in some reports. MRP

Gulf of Alaska - Cook Inlet (Kenai National Moose Range)
Shorebirds, seabirds, waterfowl, other
Checklist, abundance, distribution, behavior, disturbance, food, habitat, management, migration, mortality, population dynamics, predation, public interest, reproduction, research, status, techniques

422. U.S. FISH AND WILDLIFE SERVICE. 1950 to present. Aleutian Islands National Wildlife Refuge. Unpublished annual reports. U.S. Fish and Wildlife Serv., Anchorage, Alaska.

These narrative reports present information on weather conditions, water conditions, fires, wildlife, refuge development and maintenance, resource management, field investigations, and public relations on refuges. Content of the reports varies between years. However, numbers, arrival dates, and general observations of birds are reported for most years. Information from the Eastern Aleutians NWR, Semidi NWR, Simeonof NWR, and Izembek NWR is included through 1971. Thereafter, only information from the Aleutian Island NWR and Bogoslof NWR is included. MRP

Aleutians - (Aleutian Island NWR, Eastern Aleutians NWR)
Bering Sea - Bristol Bay (Izembek NWR)
Gulf of Alaska - Kodiak (Semidi NWR)
North Pacific - (Simeonof NWR)
Shorebirds, seabirds, waterfowl, other
Checklist, abundance, distribution, behavior, disturbance, food, habitat, management, migration, mortality, population dynamics, predation, public interest, reproduction, research, status, techniques

423. U.S. FISH AND WILDLIFE SERVICE. 1950 to present. Kodiak National Wildlife Refuge. Unpublished narrative reports. U.S. Fish and Wildlife Service, Anchorage, Alaska.

These narrative reports present information on weather, habitat, wildlife, refuge development and maintenance, resource management, public relations, and field investigations on the refuge. The amount and type of information vary between years. However, numbers, arrival dates, and general observations of birds are included in some reports. MRP

Gulf of Alaska - Kodiak (Kodiak NWR)
Shorebirds, seabirds, waterfowl, other
Checklist, abundance, distribution, behavior, disturbance, food, habitat, management, migration, mortality, population dynamics, predation, public interest, reproduction, research, status, techniques

424. U. S. FISH AND WILDLIFE SERVICE. 1951 to present. Nunivak National Wildlife Refuge. Unpublished narrative reports. U. S. Fish and Wildl. Serv., Anchorage, Alaska.

These narrative reports present information on weather, habitat, wildlife, refuge development and maintenance, resource management, public relations, and field investigations on the refuge. The amount and type of information vary between years. However, numbers, arrival dates, and general observations of birds are included in most reports. MRP

Bering Sea - Yukon Delta (Nunivak Is.)
Shorebirds, seabirds, waterfowl, other
Checklist, abundance, distribution, behavior, disturbance, food, habitat, management, migration, mortality, population dynamics, predation, public interest, reproduction, research, status, techniques

425. U. S. FISH AND WILDLIFE SERVICE. 1963 to present. Clarence Rhode National Wildlife Range. Unpublished narrative reports. U. S. Fish and Wildl. Serv., Anchorage, Alaska.

These narrative reports present information on weather, habitat, wildlife, refuge development and maintenance, resource management, public relations, and field investigations on the refuge. The amount and type of information vary between years. However, numbers, arrival dates, and general observations of birds are included in most reports. Information from the Nunivak National Wildlife Refuge is included in some years. MRP

Bering Sea - Yukon Delta (Clarence Rhode NWR, Nunivak NWR)
Shorebirds, seabirds, waterfowl, other
Checklist, abundance, distribution, behavior, disturbance, food, habitat, management, migration, mortality, population dynamics, predation, public interest, reproduction, research, status, techniques

426. U. S. FISH AND WILDLIFE SERVICE. 1969 to present. Cape Newenham National Wildlife Refuge. Unpublished narrative reports. U. S. Fish and Wildl. Serv., Anchorage, Alaska.

These reports present information on human use and a brief **description** of studies on the refuge. Most reports include lists of the species of birds, fish, and mammals seen, and some provide additional notes. MRP

Bering Sea -Bristol Bay (Cape Newehnam NWR)
Shorebirds, seabirds, waterfowl, other
Annotated list, checklist, subsistence, fishing, pollution

427. U.S. FISH AND WILDLIFE SERVICE. 1970 to present. Arctic National Wildlife Refuge. Unpublished reports. U.S. Fish and Wildl. Serv., Anchorage, Alaska.

These narrative reports present information on weather, habitat, wildlife, refuge development and maintenance, resource management, public relations, and field investigations on the refuge. The amount and type of information vary between years. However, numbers, arrival dates, and general observations of birds are frequently included. MRP

Arctic - Beaufort (Arctic NWR)

Shorebirds, seabirds, waterfowl, other

Checklist, abundance, distribution, behavior, disturbance, food, habitat, management, migration, mortality, population dynamics, predation, public interest, reproduction, research, status, techniques

428. U.S. FISH AND WILDLIFE SERVICE. 1970. Birds of the Arctic National Wildlife Range. U.S. Fish and Wildl. Serv., Anchorage, Alaska.

This is a checklist of 139 species, 27 of which are treated as occurring hypothetically. REG

Arctic - Beaufort (Arctic NWR)

Shorebirds, seabirds, waterfowl, other

Checklist

429. U.S. FISH AND WILDLIFE SERVICE. 1970. A Reconnaissance Report on the Impact on Fish and Wildlife Resources of the North Slope Oil Development, Trans-Alaska Pipeline System, and Marine Terminal Sites. Unpublished report. U.S. Fish and Wildl. Serv., Juneau, Alaska. 57 pp.

Not reviewed.

Arctic - Chukchi, Beaufort

430. U.S. FISH AND WILDLIFE SERVICE. 1971. Birds of the Clarence Rhode National Wildlife Range. U.S. Fish and Wildl. Serv., Anchorage, Alaska.

The status, relative abundance, and seasonal occurrence of 96 species are presented in this checklist. JCG

Bering Sea - Yukon Delta (Clarence Rhode NWR)

Shorebirds, seabirds, waterfowl, other

Checklist

431. U.S. FISH AND WILDLIFE SERVICE. 1972 to present. Izembek National Wildlife Range. Unpublished reports. U.S. Fish and Wildl. Serv., Anchorage, Alaska.

These narrative reports present information on weather, habitat, wildlife, refuge development and maintenance, resource management, public relations, and field investigations on the refuge. The amount and type of information vary between years. However, numbers, arrival dates, and general observations of birds are frequently included. This series contains information from Izembek NWR, Simeonof NWR, Semidi NWR, and Eastern Aleutians NWR. MRP

Aleutians - (Eastern Aleutians NWR)
Bering Sea - Bristol Bay (Izembek NWR)
Gulf of Alaska - Kodiak (Semidi NWR)
North Pacific - (Simeonof NWR)
Shorebirds, seabirds, waterfowl, other
Checklist, abundance, distribution, behavior, disturbance, food, habitat, management, migration, mortality, population dynamics, predation, public interest, reproduction, research, status, techniques

432. U.S. FISH AND WILDLIFE SERVICE. 1973. Birds of the Izembek National Wildlife Range. U.S. Fish and Wildl. Serv., Anchorage, Alaska.

The status, relative abundance, seasonal occurrence, and habitat preferences of 124 species are given. An additional 18 species are treated as occurring accidentally. JCG

Bering Sea - Bristol Bay (Izembek NWR)
Shorebirds, seabirds, waterfowl, other
Checklist

433. U.S. FISH AND WILDLIFE SERVICE. 1974. Birds of the Aleutian Islands National Wildlife Refuge. U.S. Fish and Wildl. Serv., Anchorage, Alaska.

This checklist addresses 127 species. An additional 59 species are treated as occurring accidentally. Status, relative abundance, seasonal occurrence, and habitat affinities are given for each species in the eastern, central, and western Aleutians. JCG

Aleutians
Shorebirds, seabirds, waterfowl, other
Checklist

434. U. S. FISH AND WILDLIFE SERVICE. 1975. Birds of the Kodiak National Wildlife Refuge. U. S. Fish and Wildl. Serv., Anchorage, Alaska.

The status, relative abundance, seasonal occurrence, and habitat preferences of 116 species are given. JCG

Gulf of Alaska - Kodiak (Kodiak Is.)
Shorebirds, seabirds, waterfowl, other
Checklist

435. U. S. FISH AND WILDLIFE SERVICE. 1976. Birds of Nunivak National Wildlife Refuge. U. S. Fish and Wildl. Serv., Anchorage, Alaska.

The status, relative abundance, seasonal occurrence, and habitat preferences of 108 species are given in this checklist. JCG

Bering Sea - Nunivak Is.
Shorebirds, seabirds, waterfowl, other
Checklist

436. U. S. FISH AND WILDLIFE SERVICE. 1976. Checklist of Birds Common to the Kenai National Moose Range. U. S. Fish and Wildl. Serv., Anchorage, Alaska.

This is a checklist of 38 species. Their status, relative abundance, and seasonal occurrence are given. JCG

Gulf of Alaska - Cook Inlet (Kenai Peninsula)
Shorebirds, seabirds, waterfowl, other
Checklist

437. UNIVERSITY OF ALASKA, ARCTIC ENVIRONMENTAL INFORMATION AND DATA CENTER AND INSTITUTE OF SOCIAL, ECONOMIC, AND GOVERNMENT RESEARCH. 1974. The Bristol Bay Environment: A Study of Available Knowledge. U. S. Dept. Army, Corps of Eng., Anchorage, Alaska. 858 pp.

This report includes a very general discussion of the water birds and raptors of Bristol Bay, summarizing available information on occurrence, habitat use, and food habits. CMH

Bering Sea - Bristol Bay
Shorebirds, seabirds, waterfowl, other
Habitat, distribution, food

438. VENIAMINOF, B.I. 1875. [Extract from] Zabieska ob Octrovah Oonahlashkenskaho Otdayla. St. Petersburg, 1840. [Translation of "selections, most pertinent to subject" (Pribilof Islands) published by Elliott in his report on the condition of affairs in the Territory of Alaska, 1875, pp. 241-244.]

"A paragraph mentioning somewhat over a dozen species of birds which visit the Pribilof Islands seems to be the earliest note on the ornithology of the group." (From Gabrielson and Lincoln, Birds of Alaska, 1959. Original not seen.) CMH

Bering Sea - Pribilof Is.
Distribution

439. VINCENT, R.E. 1964. The origin and affinity of the biota of the Kodiak Island Group, Alaska. Pac. Sci. 18:119-125.

This paper primarily addresses the plants of the Kodiak Island area; however, some fish, mammals, and birds are mentioned. MRP

Gulf of Alaska - Kodiak (Kodiak Is. archipelago)
Seabirds, waterfowl, other
Zoogeography

- *440. WAHL, T.R. 1978. Seabirds in the northwestern Pacific Ocean and south central Bering Sea in June 1975. West. Birds 9:45-66.

The distribution and abundance of birds recorded on a cruise from Hakodate, Hokkaido, Japan, to Kodiak, Alaska, are reported. MRP

Aleutians
Bering Sea
Shorebirds, seabirds, waterfowl
Abundance, annotated list, distribution

441. WALKINSHAW, L.H. 1950. Some bird observations at Chevak, Alaska. Auk 67:249.

This note presents a list of 29 species of birds observed at Chevak (= Old Chevak) on June 20 and 21, 1946. Clutch sizes are listed for all nests found. MRP

Bering Sea - Yukon Delta
Shorebirds, seabirds, waterfowl, other
Annotated list

442. WALKINSHAW, L.H., and J.J. STOPHLET. 1949. Bird observations at Johnson River, Alaska. *Condor* 51:29-34.

The authors provide a checklist of 49 species observed between June 1 and 20, 1946. In addition, they present annotated accounts of the 20 species, including 11 water birds, found breeding in the area. An introduction describes the plants of the area and discusses the weather during the course of the investigation. REG

Bering Sea- Yukon Delta (Johnson R.)
Shorebirds, seabirds, waterfowl, other
Checklist, annotated list

- *443. WARNER, I.M. 1975. Census of Seabirds: Gulf of Alaska, September 1975. Unpublished report. U.S. Fish and Wildl. Serv., Anchorage, Alaska. 13 pp.

The author presents results of shipboard censuses conducted in the Gulf of Alaska and provides information on food habits of birds collected during the cruise. MRP

Gulf of Alaska
Shorebirds, seabirds, waterfowl, other
Abundance, distribution, food

- *444. WATSON, G.E., and G.J. DIVOKY. 1974. Marine birds of the western Beaufort Sea, pp. 681-695. In J.C. Reed and J.E. Sater (eds.), *The Coast and Shelf of the Beaufort Sea*. Arct. Instit. North Am., Washington, D.C.

Censuses were conducted during two shipboard cruises in the western Beaufort Sea in falls 1971 and 1972. In an annotated list, the authors summarize information on the distribution and food habits of the species of birds observed. MRP

Arctic - Beaufort
Shorebirds, seabirds, waterfowl
Annotated list, distribution, food

445. WEBSTER, J.D. 1941. Notes on the birds of Sitka and vicinity, southeastern Alaska. Condor 43: 120-121.

Annotated accounts are presented for 21 species, including 13 marine forms. Data were collected between February and September 1940 and update previous ornithological works from the area. REG

Gulf of Alaska - Southeastern (Sitka)
Shorebirds, seabirds, waterfowl, other
Annotated list, distribution

446. WEBSTER, J.D. 1950. Aptitudinal zonation of birds in southeastern Alaska. Murrelet 31:23-26.

This paper describes the major vegetation types and associated bird species of three aptitudinal zones in southeastern Alaska. CMH

Gulf of Alaska - Southeastern
Shorebirds, seabirds, waterfowl, other
Habitat

447. WEBSTER, J.D. 1950. Notes on the birds of Wrangell and vicinity, southeastern Alaska. Condor 52:32-38.

The author presents an annotated list of 51 of the species observed in the vicinity of Wrangell in spring and summer 1946. These records provide new information for the avifauna of southeastern Alaska as a whole, or for that of the upper Stikine River. Eighteen of the species treated are water-associated. CMH

Gulf of Alaska - Southeastern (Wrangell)
Shorebirds, seabirds, waterfowl, other
Annotated list

- *448 WEHLE, H., E. HOBERG, and K. POWERS. 1977. Studies of marine birds on **Ugaiushak** Island, pp. 155-277. In Environmental Assessment of the Alaskan Continental Shelf, Annual Reports of Principal Investigators, Vol. 4. NOAA, Environ. Res. Lab., Boulder, Colo.

This reports on the populations, breeding biology, food habits, and foraging areas of 21 species of marine birds in summer 1976. A daily checklist of the birds observed on the island, numbering 50 species, is appended. CMH

Gulf of Alaska - Kodiak (**Ugaiushak** Is.)
Shorebirds, seabirds, waterfowl, other
Checklist

449. WELCH, R.A. 1965. Ecological observations in the Muir Inlet area, Glacier Bay National Monument, Alaska. Rep. Inst. Polar Stud. **15:1-19.**

Not reviewed.

Gulf of Alaska - Southeastern (Muir Inlet)

450. WEST, G.C., and B.B. DEWOLFE. 1974. Populations and energetic of **taiga** birds near Fairbanks, Alaska. **Auk 91:757-775.**

In this study, the authors estimated the total amount of energy required by a community of **taiga** birds in interior Alaska between late May and the end of August. Estimates are based on trail censuses of two areas and from direct measurement of the daytime resting metabolic rate of 11 of the 49 species recorded. Nine of the species censused are water-associated. CMH

Interior - **Tanana** (Fairbanks)
Shorebirds, seabirds, waterfowl, other
Abundance, physiology, food, habitat

451. WEST, G.C., and C.M. WHITE. 1966. Range extensions and additional notes on the birds of Alaska's Arctic Slope. **Condor 68:302-304.**

Annotated accounts are given for 17 species, including 10 **water-associated** forms, observed and/or collected in spring and summer 1964 near **Umiat**, Alaska. REG

Arctic - Beaufort (**Umiat**)
Shorebirds, seabirds, waterfowl, other
Annotated list, distribution, specimen record

452. WEST, R.L. 1980. Field Report for the Walrus Project at Savoonga, Alaska on Saint Lawrence Island - May to June 1980. Unpublished report. U.S. Fish and Wildl. Serv., Anchorage, Alaska. 46 pp.

Included in this report is a discussion of subsistence use of birds. A table lists the species observed in May and June 1980 and those previously recorded on the island. The numbers of each species seen during six visits to the nearby seabird cliffs are presented. CMH

Bering Sea - St. Lawrence Is. (Savoonga)
Shorebirds, seabirds, waterfowl, other
Checklist, abundance, subsistence

453. WETMORE, A. 1911. Report of Birds Observed in the Aleutian Islands during the Summer of 1911. Unpublished report compiled by D.C. Hooper, 1953. U.S. Fish and Wildl. Serv., Cold Bay, Alaska. 51 pp.

This report presents an annotated list of species observed in the Aleutians during the summer of 1911. MRP

Aleutians
Shorebirds, seabirds, waterfowl, other
Annotated list, distribution

454. WHITE, C. M., and T.J. CADE. 1971. Cliff-nesting raptors and ravens along the Colville River in Arctic Alaska. Living Bird 10:107-150.

This paper examines the ecological niches of the Peregrine Falcon, Gyrfalcon, Rough-legged Hawk, and Common Raven nesting on cliffs in Arctic Alaska. It discusses spatial and temporal habitat use, food habits, and possible benefits from other species. A wide variety of water birds are found to be important prey, especially for the Peregrine Falcon. CMH

Arctic
Shorebirds, seabirds, waterfowl, other
Predation

455. WHITE, C.M., and J.R. HAUGH. 1969. Recent data on summer birds of the upper Yukon River, Alaska and adjacent part of the Yukon Territory, Canada. *Can. Field-Nat.* 83:257-271.

The authors provide annotated accounts for 92 species observed between June 10 and August 3, 1966, and during brief periods from May to July 1968. Some 40 of the species discussed are typically water-associated. The relative stability of several populations is discussed. REG

Interior - Upper Yukon (Circle)
Shorebirds, seabirds, waterfowl, other
Annotated list, distribution, status

456. WHITE, C. M., F.S. L. WILLIAMSON, and W.B. EMISON. 1977. Avifaunal investigations, pp. 227-260. In M.L. Merritt and R.G. Fuller (eds.), *The Environment of Amchitka Island, Alaska*. Tech. Inform. Cent., Energy Res. Develop. Admin., Springfield, Virginia.

This chapter summarizes results of a study of the bird populations of Amchitka Island between 1967 and 1973. The status and seasonal abundance of each species are presented. Of the 131 species treated, 94 are water-related. The distribution of birds is analyzed in relation to 14 ecological formations. Information on population densities and food habits is presented for some species. CMH.

Alutians - (Amchitka)
Shorebirds, seabirds, waterfowl, other
Checklist, distribution, abundance, habitat, food, disturbance

457. WICKERSHAM, J. 1927. A Bibliography of Alaskan Literature, 1724-1924. Misc. Publ. of the Alaska Agric. College and School of Mines, Vol. 1. Cordova Daily Times Print, Cordova. 635 Pp.

This book contains a comprehensive list of all publications between 1724 and 1924, including those in English, Russian, and several other languages. Listings 690-773 pertain specifically to birds. CMH

Alaska
Shorebirds, seabirds, waterfowl, other
Bibliography

458. WILLETT, G. 1912. Report of G. Willett, agent and warden stationed on St. Lazaria Bird Reservation, Alaska. Bird-Lore 14:419-426.
- Not reviewed.
- Gulf of Alaska - Southeastern (St. Lazaria Is.)
459. WILLETT, G. 1914. Birds of Sitka and vicinity, southeastern Alaska. Condor 16:71-91.
- During the summers of 1912 and 1913 the author made detailed notes on the avifauna of the Sitka area, primarily that associated with the numerous island groups. This paper provides annotated accounts of some 150 taxa, of which 75 are water-associated. An extensive literature cited section is included. Numerous specimen records are listed. REG
- Gulf of Alaska - Southeastern (Sitka, Baranof Is., Kruzof Is., Chichagof Is.)
- Shorebirds, seabirds, waterfowl, other
- Annotated list, distribution, specimen record
460. WILLETT, G. 1915. Summer birds of Forrester Island, Alaska. Auk 32:295-305.
- This paper provides annotated accounts for 27 species of water birds and 21 species of landbirds observed on Forrester Island between May 23 and August 15, 1914. Included is a tabular summary of numbers of breeding water birds. REG
- Gulf of Alaska - Southeastern (Forrester Is.)
- Shorebirds, seabirds, waterfowl, other
- Annotated list, abundance
461. WILLETT, G. 1917. Further notes on the birds of Forrester Island, Alaska. Condor 19:15-17.
- This annotated list reports observations made during two summers. The 26 species addressed had not previously been recorded for the island's avifauna. Included are 16 species of water-associated birds. CMH
- Gulf of Alaska - Southeastern (Forrester Is.)
- Shorebirds, seabirds, waterfowl, other
- Annotated list

462. WILLETT, G. 1918. Bird notes from Forrester Island, Alaska. Condor 20:85.

This note presents records for 15 species not previously reported on Forrester Island. Eleven are water-associated species. CMH

Gulf of Alaska - Southeastern (Forrester Is.)
Shorebirds, seabirds, waterfowl, other
Annotated list

463. WILLETT, G. 1921. Bird notes for 1920 from southeastern Alaska. Murrelet 2:7-11.

The author presents, in narrative format, an account of the birds observed throughout the year 1920. Some species are discussed in detail, but most are only listed as having been seen at a given locality and time. REG

Gulf of Alaska - Southeastern (Craig, Forrester Is., Wrangell Is., Dan Is.)
Shorebirds, seabirds, waterfowl, other
Distribution, habitat

464. WILLETT, G. 1921. Bird notes from southeastern Alaska. Condor 23:156-159.

The author updates previously published information on the birds of southeastern Alaska by presenting annotated accounts of 36 species, including 18 water-related forms. Much of the information presented in this paper came from the notes and collections of F.-H. Gray, of Wrangell. REG

Gulf of Alaska - Southeastern
Shorebirds, seabirds, waterfowl, other
Annotated list

465. WILLETT, G. 1921. Ornithological notes from southeastern Alaska. Auk 38:127-129.

The author provides information which extends the known ranges of 21 species, and suggests new common names for a few. CMH

Gulf of Alaska - Southeastern
Shorebirds, seabirds, waterfowl, other
Yellow-billed Loon, Red-necked Grebe, Horned Grebe, Whistling Swan, Canada Goose, Herring Gull, Mew Gull, Black Oystercatcher, Black Turnstone, Common Snipe
Distribution, taxonomy

466. WILLETT, G. 1923. Bird records from Craig, Alaska. Condor 25:105-106.

This note details the occurrence of 10 species new to the vicinity of Craig; five water-related species are included. REG

Gulf of Alaska - Southeastern (Craig)
Shorebirds, seabirds, waterfowl, other
Western Grebe, White-fronted Goose, Hooded Merganser, California Gull, Red Knot
Annotated list, distribution

467. WILLETT, G. 1927. Notes on the occurrence and distribution of some southeastern Alaskan birds. Condor 29:58-60.

The author discusses the distribution of selected species common to southeastern Alaska and British Columbia. CMH

Gulf of Alaska - Southeastern
Shorebirds, seabirds, waterfowl, other
Annotated list, distribution

468. WILLETT, G. 1928. Notes on some birds of southeastern Alaska. Auk 45:445-449.

This note was written to update the information on the avifauna of this region and includes annotated accounts of 22 taxa. The White-crested Cormorant (= Double-crested), Baird's Cormorant (= Pelagic) and Lesser Scaup are the only water birds discussed. REG

Gulf of Alaska - Southeastern
Seabirds, waterfowl, other
Double-crested Cormorant, Pelagic Cormorant, Lesser Scaup
Annotated list, distribution

469. WILLIAMSON, F.S.L. 1957. Ecological distribution of birds in the Napaskiak area of the Kuskokwim River delta, Alaska. Condor 59:317-338.

The climate, topography, and general ecological attributes of the Napaskiak area are briefly discussed. The distribution of birds observed during the summers of 1955 and 1956 is analyzed in relation to ten ecologic formations, characterized mainly by the life form of the vegetation. An annotated list presents information on 62 species, of which 34 are water birds. Specimen data are included. CMH

Bering Sea - Yukon Delta (Napaskiak)
Shorebirds, seabirds, waterfowl, other
Annotated list, habitat, specimen record

470. WILLIAMSON, F.S.L., and L.J. PEYTON. 1961. Birds of the Anchorage Area, Alaska. Alaska Ornithological Society Field Checklist. Anchorage, Alaska.

This is a checklist of 119 species. The status, relative abundance, habitat association(s), and seasonal occurrence of each species are presented. REG

Gulf of Alaska - Cook Inlet (Anchorage)
Shorebirds, seabirds, waterfowl, other
Checklist

471. WILLIAMSON, F.S.L., and L.J. PEYTON. 1962. Faunal Relationships of Birds in the Iliamna Lake Area, Alaska. Biol. Pap. Univ. Alaska 5. 73 pp.

This paper describes 12 major ecologic formations in the vicinity of Iliamna Lake and analyzes the distribution of birds associated with each. Annotated accounts are presented for the 102 species of birds recorded from the area, including 39 water-associated forms. Relative abundance and habitat preferences are noted for each. Meristic data are provided for specimens. CMH

Bering Sea - Bristol Bay (Iliamna L.)
Shorebirds, seabirds, waterfowl, other
Annotated list, habitat, specimen record

472. WILLIAMSON, F.S.L., L.J. PEYTON, and M.E. ISLEIB. 1965. New distributional and overwintering records of birds from south-central Alaska. Condor 67:73-80.

This paper provides an annotated list of 26 species of birds for which there are new distributional or winter records for the region. Eight of the species are water-associated. CMH

Gulf of Alaska - Cook Inlet, Prince William Sound, Copper River
Shorebirds, seabirds, waterfowl, other
Fork-tailed Storm-Petrel, Great Blue Heron, Canvasbacks, Oldsquaw,
Ivory Gull, Killdeer, Hudsonian Godwit, Upland Sandpiper
Distribution, annotated list

473. WILLIAMSON, F.S.L., M.C. THOMPSON, and J.Q. HINES. 1966. Avifaunal investigations, pp. 437-480. In N.J. Wilimovsky (ed.), Environment of the Cape Thompson Region, Alaska. U.S. Atomic Energy Commission, Oak Ridge, Tennessee.

This chapter presents information on bird populations in the Cape Thompson area during springs and summers of 1959 through 1961. Species composition, ecological distribution, density, productivity, and seasonal movements of birds were determined. MRP

Arctic - Chukchi (C. Thompson)
Shorebirds, seabirds, waterfowl, other
Distribution, checklist, migration, reproduction, habitat

474. WILSON, R.S. 1948. The summer bird life of Attu. Condor 50:124-129.

The author provides annotated accounts of 24 species of birds, including 17 marine forms, observed on Attu during the summer of 1945. REG

Aleutians - (Attu Is.)
Shorebirds, seabirds, waterfowl, other
Annotated list

475. **WRIGHT, J.M.** 1979. Reindeer grazing in relation to bird nesting on the northern Seward Peninsula. **M.S.** thesis. Univ. Alaska, Fairbanks. 109 pp.

This thesis presents information on the preferential use of vegetation by nesting birds and reindeer. The vulnerability of nests to disturbance and destruction is assessed for various habitats. MRP

Arctic - Kotzebue Sound (Seward Peninsula)
Shorebirds, **seabirds**, waterfowl, other
Abundance, distribution, habitat, checklist, management, mortality

476. **YESNER, D.R.** 1977. Avian exploration, occupational **seasonality**, and **paleoecology** of the Chugachik Island site. **Anthropol. Pap. Univ. Alaska** 18(2):23-30.

This paper relates prehistoric **avifaunal** remains from Chugachik Island to present bird use of Kachemak Bay. Approximately 75 percent of the remains were identifiable to family level, with waterfowl (**Anatidae**) comprising 57 percent of the remains. REG

Gulf of Alaska - Cook Inlet (Kachemak Bay)
Shorebirds, seabirds, waterfowl, other
Archaeology, abundance

477. **YOCOM, C.F.** 1963. Birds of the Tetlin Lake - Tok Junction - Northway area, Alaska. **Murrelet** 44:1-8.

The author presents annotated accounts for 66 species observed in the upper Tanana River Valley in July 1962. JCG

Interior - Tanana (Tok, Tetlin L.)
Shorebirds, seabirds, waterfowl, other
Annotated list, food, behavior

478. **YOCOM, C.F.** 1963. July bird life in the Copper River delta country, Alaska - 1962. **Murrelet** 42:28-34.

This paper presents annotated accounts of 40 species of birds observed in the Copper River - Cordova area in July 1962. The majority of species discussed are water-associated. REG

Gulf of Alaska - Copper River (Copper R. Delta)
Shorebirds, seabirds, waterfowl, other
Annotated list

479. YOCOM, C.F. 1964. Noteworthy records of birds from the Fort Yukon area and the Yukon Flats, Alaska. *Murrelet* 45:30-36.

This paper offers brief annotated accounts for some 60 species, including 27 water-associated forms. Observations were made from July 4-7 and from August 3 to September 3, 1962. REG

Interior - Upper Yukon (Yukon Flats, Ft. Yukon)
Shorebirds, seabirds, waterfowl, other
Annotated list

AVI FAUNA - AREA INDEX

ALASKA, GENERAL: 4, 5, 6, 34, 35, 36, 37, 41, 46, 65, 77, 78, 79, 85, 95,
126, 131, 137, 150, 152, 161, 168, 174, 176, 188, 190, 196, 217, 222,
243, 246, 268, 274, 275, 276, 279, 280, 316, 318, 337, 338, 340, 341,
342, 346, 357, 358, 369, 377, 380, 393, 398, 411, 420, 457

ALEUTIANS: 60, 61, 62, 69, 84, 87, 96, 97, 98, 132, 134, 144, 147, 149,
151, 172, 179, 189, 219, 231, 232, 235, 261, 264, 265, 287, 290, 295,
305, 311, 316, 363, 374, 388, 402, 403, 408, 414, 419, 420, 422, 431,
440, 453, 456, 474

ARCTIC : 27, 38, 43, 44, 57, 91, 208, 210, 221, 368, 399, 409, 454
Beaufort: 1, 2, 8, 9, 10, 11, 12, 14, 22, 24, 39, 48, 49, 71, 82, 88,
89, 90, 106, 107, 108, 116, 117, 118, 119, 120, 124, 141, 153,
154, 155, 156, 157, 166, 178, 180, 194, 213, 224, 225, 226, 227,
238, 240, 244, 245, 256, 260, 269, 288, 319, 323, 344, 351, 359,
362, 370, 371, 373, 375, 390, 394, 396, 410, 417, 418, 427, 428,
429, 444, 451
Chukchi: 11, 14, 20, 22, 24, 25, 39, 51, 58, 83, 88, 89, 90, 115,
116, 117, 118, 119, 120, 219, 240, 242, 250, 283, 306, 307, 308,
316, 317, 344, 345, 391, 400, 429, 473
Kotzebue Sound: 22, 90, 100, 104, 170, 200, 205, 209, 242, 250, 285,
291, 316, 319, 320, 372, 413, 414, 475

BERING SEA: 27, 42, 43, 60, 75, 84, 98, 105, 116, 117, 119, 120, 149,
151, 179, 212, 231, 253, 263, 264, 265, 312, 313, 330, 352, 366, 387,
388, 399, 414, 440, 452
Norton Sound: 3, 13, 18, 19, 20, 22, 23, 55, 64, 74, 90, 125, 138,
139, 144, 148, 171, 197, 203, 219, 250, 289, 315, 316, 384, 385,
400, 402, 420
Yukon Delta: 54, 81, 92, 99, 109, 110, 163, 187, 196, 198, 202, 229,
249, 271, 277, 316, 319, 320, 333, 360, 397, 424, 425, 430, 441,
442, 469
Bristol Bay: 15, 16, 17, 40, 80, 113, 128, 164, 177, 206, 219, 251,
254, 255, 272, 273, 292, 304, 311, 343, 354, 422, 426, 431, 432,
437, 471
Bering Sea Islands: 47, 50, 86, 94, 103, 129, 130, 133, 135, 142,
143, 172, 181, 182, 183, 184, 185, 186, 223, 234, 236, 259, 284,
294, 310, 333, 334, 339, 347, 348, 355, 378, 379, 389, 402, 406,
412, 435, 438

GULF OF ALASKA: 15, 16, 27, 42, 43, 60, 84, 98, 149, 151, 219, 231, 250,
265, 312, 313, 353, 363, 388, 443
Kodiak: 17, 28, 29, 33, 56, 66, 67, 68, 101, 111, 112, 114, 140, 144,
145, 146, 147, 159, 172, 199, 204, 267, 278, 282, 286, 311, 314,
324, 330, 354, 367, 415, 422, 423, 431, 434, 439, 448
Cook Inlet: 7, 17, 80, 136, 165, 195, 198, 230, 262, 281, 329, 330,
392, 421, 436, 470, 472, 476
Copper River: 26, 59, 165, 216, 239, 266, 296, 297, 298, 300, 301,
361, 381, 383, 386, 472, 478

Northern Gulf: 215, 216, 328, 350
Prince William Sound: 17, 30, 122, 127, 160, 172, 173, 201, 214, 216,
270, 293, 299, 302, 303, 325, 326, 349, 364, 365, 402, 472

SOUTHEASTERN ALASKA: 21, 72, 73, 102, 121, 162, 167, 169, 175, 191, 192,
193, 218, 220, 252, 258, 331, 333, 335, 404, 405, 407, 416, 445, 446,
447, 449, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468

INTERIOR ALASKA: 151, 250
Innoko: 239, 319, 320, 376
Kuskokwim: 110, 198
Tanana: 63, 109, 110, 123, 163, 237, 239, 241, 248, 309, 320, 382,
395, 450, 477
Koyukuk: 207, 209, 213, 248, 319, 320
Upper Yukon: 52, 70, 228, 239, 247, 248, 332, 356, 455, 479

NORTH PACIFIC: 31, 32, 43, 84, 96, 149, 151, 158, 172, 219, 233, 263,
265, 313, 353, 363, 388, 400, 422, 431

AVI FAUNA - SUBJECT INDEX

ABUNDANCE: 1, 2, 12, 14, 15, 16, 26, 27, 28, 29, 30, 31, 32, 39, 40, 48,
49, 87, 88, 89, 90, 91, 92, 103, 104, 106, 107, 108, 111, 112, 114,
115, 116, 117, 118, 120, 127, 134, 135, 139, 140, 141, 152, 153, 154,
155, 156, 157, 162, 164, 166, 168, 178, 187, 188, 192, 195, 201, 209,
215, 224, 225, 226, 235, 248, 250, 252, 254, 256, 260, 261, 262, 263,
264, 275, 276, 277, 284, 285, 286, 288, 292, 293, 295, 301, 302, 303,
307, 313, 314, 318, 323, 325, 351, 362, 363, 364, 365, 370, 371, 372,
373, 374, 375, 382, 384, 385, 388, 390, 394, 395, 396, 410, 413, 415,
416, 417, 418, 421, 422, 423, 424, 425, 427, 431, 440, 443, 450, 452,
456, 460, 475, 476

ANATOMY: 44, 84, 209, 225

ANNOTATED LIST: 3, 8, 12, 20, 21, 23, 24, 25, 33, 40, 43, 44, 47, 48, 51,
52, 56, 57, 59, 61, 62, 64, 66, 67, 68, 69, 71, 75, 79, 80, 83, 84,
88, 92, 96, 97, 98, 99, 100, 102, 103, 104, 106, 110, 111, 112, 113,
122, 123, 124, 125, 129, 130, 132, 133, 134, 135, 139, 140, 142, 146,
151, 152, 153, 154, 158, 159, 162, 163, 164, 168, 169, 170, 171, 173,
175, 180, 181, 182, 183, 186, 187, 191, 193, 194, 196, 197, 198, 199,
200, 201, 204, 205, 206, 209, 212, 213, 215, 216, 219, 220, 223, 229,
230, 232, 233, 234, 235, 236, 239, 245, 246, 247, 248, 249, 251, 261,
262, 263, 265, 266, 272, 273, 281, 283, 289, 290, 291, 292, 307, 308,
309, 310, 311, 314, 316, 317, 318, 319, 324, 325, 326, 328, 329, 330,
332, 333, 339, 344, 347, 348, 350, 351, 359, 361, 362, 363, 365, 368,
369, 370, 371, 372, 373, 374, 379, 381, 382, 384, 386, 389, 390, 392,
396, 397, 400, 403, 404, 405, 406, 408, 410, 411, 412, 414, 415, 419,
420, 426, 440, 441, 442, 444, 445, 447, 451, 453, 455, 459, 460, 461,
462, 464, 466, 467, 468, 469, 471, 472, 474, 477, 478, 479

ARCHAEOLOGY: 143, 144, 145, 147, 148, 476

BEHAVIOR: 35, 54, 92, 97, 129, 152, 234, 309, 318, 421, 422, 423, 424,
425, 427, 431, 477

BIBLIOGRAPHY: 41, 65, 152, 217, 227, 300, 318, 457

BREEDING BIOLOGY: 12, 54, 111, 301, 372

CHECKLIST: 7, 9, 10, 14, 17, 29, 39, 49, 67, 70, 74, 87, 90, 91, 95, 101,
108, 123, 131, 136, 138, 147, 161, 165, 184, 189, 201, 214, 218, 225,
237, 241, 242, 246, 250, 259, 270, 273, 277, 278, 282, 285, 288, 293,
294, 299, 301, 302, 303, 306, 313, 320, 335, 343, 344, 349, 351, 355,
362, 372, 373, 376, 383, 384, 385, 405, 413, 416, 418, 420, 421, 422,
423, 424, 425, 426, 427, 428, 430, 431, 432, 433, 434, 435, 436, 442,
448, 452, 456, 470, 473, 475

DISTRIBUTION: 1, 2, 4, 5, 15, 16, 17, 18, 19, 22, 23, 25, 27, 28, 30, 31,
32, 35, 39, 40, 43, 48, 51, 54, 61, 62, 64, 72, 73, 78, 87, 103, 106,
107, 111, 115, 116, 117, 118, 119, 120, 121, 123, 125, 128, 132, 133,
134, 135, 140, 141, 143, 149, 152, 158, 159, 162, 164, 166, 169, 170,
174, 177, 178, 185, 188, 189, 194, 195, 202, 204, 206, 210, 212, 215,
219, 223, 224, 228, 235, 236, 238, 239, 245, 246, 248, 249, 254, 255,
256, 257, 258, 260, 261, 263, 264, 268, 269, 275, 276, 279, 280, 284,
285, 288, 292, 301, 305, 307, 309, 311, 312, 314, 316, 318, 323, 331,
332, 334, 337, 338, 342, 344, 347, 350, 351, 354, 361, 363, 364, 365,
368, 373, 375, 379, 388, 389, 390, 391, 393, 394, 395, 396, 397, 398,
399, 406, 407, 410, 415, 418, 420, 421, 422, 423, 424, 425, 427, 431,
437, 438, 440, 443, 444, 445, 451, 453, 455, 456, 459, 463, 465, 466,
467, 468, 472, 473, 475

DI STURBANCE: 91, 117, 155, 156, 157, 224, 225, 232, 303, 410, 417, 421,
422, 423, 424, 425, 427, 431, 456

FISHING, EFFECTS OF: 426

FOOD: 49, 63, 88, 89, 91, 97, 103, 106, 112, 115, 117, 118, 119, 193,
224, 225, 226, 264, 283, 301, 318, 347, 365, 372, 385, 410, 417, 421,
422, 423, 424, 425, 427, 431, 437, 443, 444, 450, 456, 477

GROWTH: 372

HABITAT: 14, 15, 16, 17, 23, 26, 30, 32, 35, 39, 42, 48, 49, 68, 83, 88,
89, 90, 91, 92, 97, 100, 106, 107, 109, 113, 117, 119, 120, 125, 129,
135, 140, 141, 152, 156, 162, 164, 166, 175, 178, 187, 194, 197, 200,
201, 202, 205, 206, 209, 210, 212, 216, 224, 225, 226, 229, 234, 239,
243, 244, 245, 247, 250, 253, 256, 260, 261, 263, 264, 269, 277, 283,
285, 286, 288, 295, 301, 307, 311, 318, 329, 350, 351, 356, 359, 362,
370, 371, 372, 373, 375, 385, 390, 395, 396, 404, 405, 406, 410, 412,
415, 416, 417, 418, 421, 422, 423, 424, 425, 427, 431, 437, 446, 450,
456, 463, 469, 471, 473, 475

MANAGEMENT: 1, 4, 5, 48, 49, 59, 113, 125, 137, 163, 178, 251, 301, 358, 370, 380, 417, 421, 422, 423, 424, 425, 427, 431, 475

MIGRATION: 13, 14, 17, 18, 49, 55, 58, 92, 99, 107, 115, 132, 137, 138, 139, 152, 153, 154, 194, 208, 209, 210, 223, 224, 225, 226, 227, 234, 238, 274, 288, 301, 302, 306, 318, 325, 347, 370, 371, 378, 381, 382, 385, 395, 406, 417, 421, 422, 423, 424, 425, 427, 431, 473

MORTALITY: 103, 421, 422, 423, 424, 425, 427, 431, 475

PHYSIOLOGY: 209, 210, 211, 226, 450

PLUMAGE: 35, 92, 106, 152, 173, 224, 225, 226, 318, 337, 399, 400

POLLUTION: 1, 2, 15, 39, 48, 49, 90, 107, 116, 125, 127, 194, 201, 252, 288, 302, 303, 323, 356, 358, 370, 372, 385, 426

POPULATION DYNAMICS: 421, 422, 423, 424, 425, 427, 431

PREDATION: 12, 63, 82, 92, 101, 103, 135, 192, 261, 301, 372, 385, 421, 422, 423, 424, 425, 427, 431, 454

PUBLIC INTEREST: 4, 5, 60, 121, 149, 150, 153, 154, 155, 156, 157, 177, 179, 207, 231, 251, 295, 358, 380, 421, 422, 423, 424, 425, 427, 431

REPRODUCTION: 42, 49, 92, 118, 153, 154, 156, 157, 193, 197, 201, 209, 224, 225, 226, 283, 301, 302, 323, 384, 385, 410, 421, 422, 423, 424, 425, 427, 431, 473

RESEARCH: 421, 422, 423, 424, 425, 427, 431

SPECIMEN RECORD: 9, 10, 23, 24, 25, 35, 36, 37, 38, 43, 44, 50, 51, 55, 57, 61, 62, 70, 77, 80, 84, 85, 86, 95, 96, 98, 110, 121, 124, 131, 146, 170, 172, 174, 175, 176, 181, 183, 184, 185, 190, 191, 199, 203, 209, 220, 234, 236, 245, 257, 258, 272, 289, 290, 310, 315, 318, 321, 322, 327, 331, 339, 341, 353, 354, 357, 386, 389, 400, 402, 404, 406, 409, 414, 420, 451, 459, 469, 471

STATUS : 152, 197, 209, 246, 248, 252, 299, 301, 397, 406, 421, 422, 423, 424, 425, 427, 431, 455

SUBSISTENCE USE: 39, 75, 87, 95, 104, 125, 129, 163, 372, 385, 419, 420, 426, 452

TAXONOMY: 86, 246, 337, 399, 402, 465

TECHNIQUES: 108, 114, 127, 137, 138, 139, 178, 189, 254, 256, 271, 345, 421, 422, 423, 424, 425, 427, 431

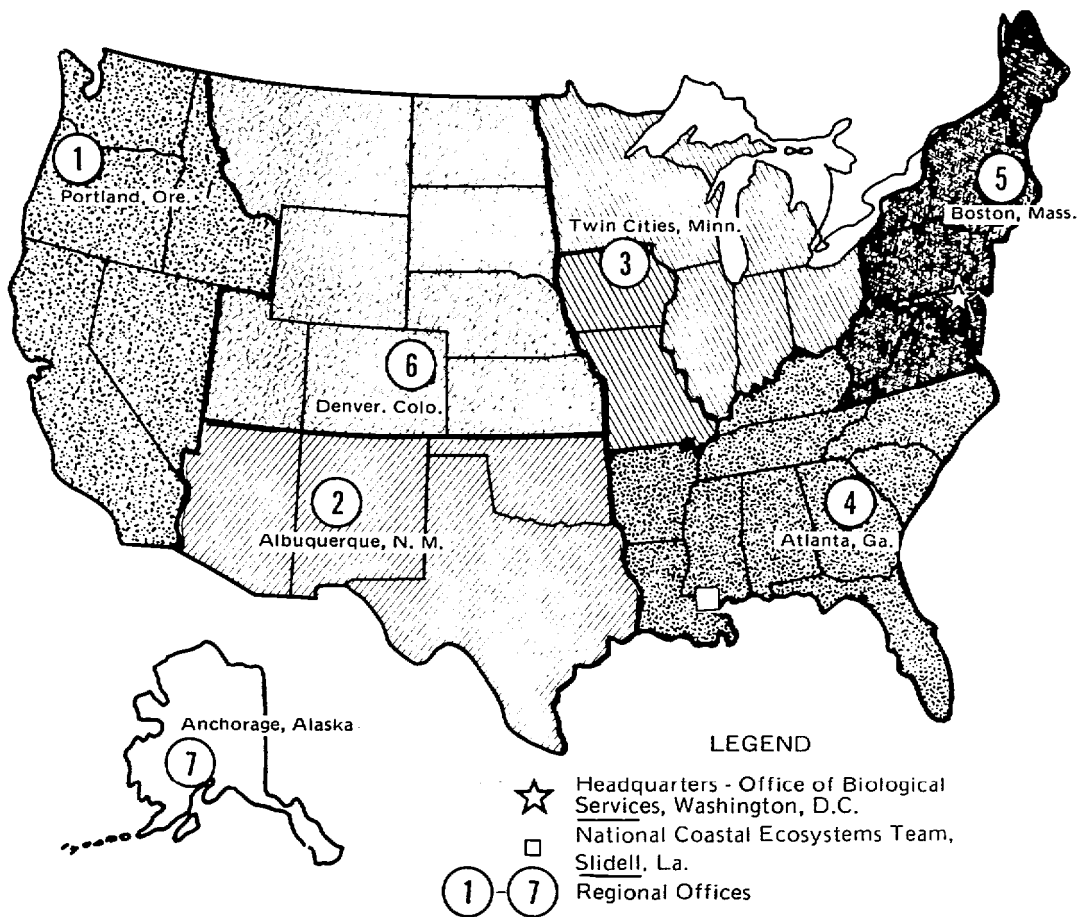
ZOOGEOGRAPHY: 6, 105, 132, 173, 238, 240, 311, 379, 407, 439

0272'101

REPORT DOCUMENTATION PAGE	1. REPORT NO. FhJS/OBS-81/12	2.	3. Recipient's Accession No.
4. Title and Subtitle An Annotated Bibliography of Literature on Alaska Water Birds			5. Report Date August 1981
7. Author(s) Colleen M. Handel, Margaret R. Petersen, Robert E. Gill, Jr., Calvin J. Lensink			6.
9. Performing Organization Name and Address U.S. Fish and Wildlife Service 1011 E. Tudor Road Anchorage, Alaska 99503			8. Performing Organization Rept. No.
12. Sponsoring Organization Name and Address Office of Biological Services Fish and Wildlife Service. Department of the Interior Washington, D. C. 20240			10. Project/Task/Work Unit No.
15. Supplementary Notes			11. Contract(C) or Grant(G) No. (C) (G)
16. Abstract (Limit: 200 words) This annotated bibliography contains 1,554 citations of published and unpublished references on water birds in Alaska. References which either report on field studies conducted in Alaska or deal specifically with ornithology in Alaska have been included. The content of each paper has been summarized and indexed by subject, species, and geographic location. The bibliography is divided into four sections: seabirds, waterfowl and other water birds, shorebirds, and avifauna. References which address a particular species or group of birds are placed under the appropriate heading (seabirds, waterfowl, or shorebirds). References which pertain to birds in general deal with the avifauna of a particular area, or address a diverse group of species are included in the last section.			13. Type of Report-1 & Period Covered
17. Document Analysis a. Descriptors Birds, bibliographies			14.
b. Identifiers/Open-Ended Terms Water birds, waterfowl, seabirds, shorebirds, Alaska, Arctic Ocean, Beaufort Sea, Chukchi Sea, Bering Sea, North Pacific Ocean, Gulf of Alaska, Cook Inlet			
c. COSATI Field/Group			
18. Availability Statement Unlimited availability		19. Security Class (This Report) Unclassified	21. No. of Pages 515
		20. Security Class (This Page)	22. Price

(See ANSI-Z39.18)

OPTIONAL FORM 272 (4-77)
(Formerly NTIS-35)
Department of Commerce



**U.S. FISH AND WILDLIFE SERVICE
REGIONAL OFFICES**

REGION 1

Regional Director
U.S. Fish and Wildlife Service
Lloyd Five Hundred Building, Suite 1692
500 N.E. Multnomah Street
Portland, Oregon 97232

REGION 2

Regional Director
U.S. Fish and Wildlife Service
P.O. Box 1306
Albuquerque, New Mexico 87103

REGION 3

Regional Director
U.S. Fish and Wildlife Service
Federal Building, Fort Snelling
Twin Cities, Minnesota 55111

REGION 4

Regional Director
U.S. Fish and Wildlife Service
Richard B. Russell Building
75 Spring Street, S.W.
Atlanta, Georgia 30303

REGION 5

Regional Director
U.S. Fish and Wildlife Service
One Gateway Center
Newton Corner, Massachusetts 02458

REGION 6

Regional Director
U.S. Fish and Wildlife Service
P.O. Box 25486
Denver Federal Center
Denver, Colorado 80225

REGION 7

Regional Director
U.S. Fish and Wildlife Service
101 E. Tudor Road
Anchorage, Alaska 99503



DEPARTMENT OF THE INTERIOR U.S. FISH AND WILDLIFE SERVICE



As the Nation's principal conservation agency, the Department of the Interior has responsibility for most of our nationally owned public lands and natural resources. This includes fostering the wisest use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to assure that their development is in the best interests of all our people. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.