

R. H. DAY

PACIFIC SEABIRD GROUP



BULLETIN

Vol. 3

Winter 1976

No. 2

PACIFIC SEABIRD GROUP

The Pacific Seabird Group (PSG) was formed in 1972 out of a need for better communication among Pacific seabird researchers. The Group acts to coordinate and stimulate the field activities of its members and to inform its membership and the general public of conservation issues relating to Pacific seabirds and the marine environment. Current activities include the development of standard techniques and reporting forms for colony censusing, pelagic observations, and beached bird surveys. Policy statements are issued on conservation issues of critical importance. While the PSG's primary area of interest is the West Coast of North America and adjacent areas of the Pacific, it is hoped that seabird enthusiasts in other parts of the world will join and participate in the Group. Annual dues for membership in the Group are \$5.00 and are payable to the Secretary or Treasurer (addresses on back cover). Members receive the PSG Bulletin.

PACIFIC SEABIRD GROUP BULLETIN

The Pacific Seabird Group Bulletin is issued in the spring or summer and fall of each year and contains news of interest to PSG members. Regional reports include a listing of current research and information on seabird conservation. The Bulletin does not act as an outlet for the results of scientific research but welcomes articles on seabird conservation, seabird research, or other topics that relate to the objectives of the Group. Articles should be submitted to the Editor. Back issues of the Bulletin (starting with spring 1974) are available from the Treasurer for \$2.50 each.

COMMITTEE COORDINATORS

Pelagic observations:

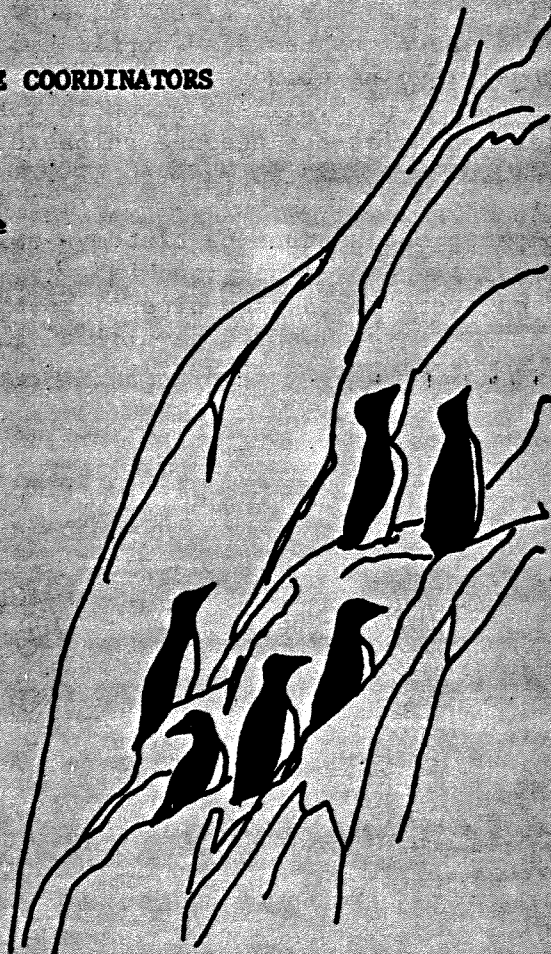
Gerald A. Sanger
U. S. Fish and Wildlife Service
800 A Street, No. 110
Anchorage, Alaska 99501

Beached bird surveys:

David G. Ainley
Pt. Reyes Bird Observatory
4990 State Route 1
Stinson Beach, Calif. 94970

Colony Censusing:

David A. Manuwal
College of Forest Resources
University of Washington
Seattle, Washington 98195



30 January 1977

Dear PSG Member,

Attached is the last number of the 1976 PSG Bulletin. Since PSG is still in the growing stages, you may be receiving a bulletin for which you paid no subscription or dues. If this is so, please take this as a "gentle hint" for your 1976 dues. PSG is growing, and we need your support. Membership dues are \$5.00 per year.

According to our records, your dues are paid through 1976. The following checked box applies to you:

- We are sending along the last 1976 number as a final request for 1976 dues.
- Your 1977 membership fee is due.
- Your subscription is an institutional one. Receipt of the PSG Bulletin is a matter of courtesy; however, if your agency or institution can afford it, please forward \$5.00.

IMPORTANT: Check your records against ours in the membership list of this issue of the PSG Bulletin. Address all inquiries on any discrepancies to Joan Scott, the Treasurer.

IMPORTANT: Dues payments and address changes should be sent to Joan Scott, as well.

DUES PAYMENT/ADDRESS CHANGE FORM

TO: Treasurer, Pacific Seabird Group

1) Dues for _____ are enclosed, @ \$5.00/year = \$ _____

2) Payment for back issues for _____ is enclosed @ \$2.50/year = \$ _____

Total Amt. Enclosed = \$ _____

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Joan Scott, Treasurer PSG
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Tyndall AFB, FLORIDA 32401

PACIFIC SEABIRD GROUP

BULLETIN

VOLUME 3

WINTER 1976

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CONTENTS

THE CHAIRMAN'S PAGE.....1

IN MEMORY OF EINAR BRUN.....2

PACIFIC SEABIRD GROUP NEWS.....3

 Committee Report, Pelagic Observations.....3

 Treasurer's Report, 1976.....4

 Pacific Seabird Group Membership List.....5

ITEMS OF INTEREST.....18

 International Conference.....18

 Colonial Waterbird Group.....18

 Colony Catalogue, Alaska.....18

BULLETIN BOARD.....19

 Specimens Wanted.....19

 Seabird Photos Wanted.....20

 Banding and Color-marking Gulls in Alaska.....20

 Marine Bird Interest in Australia.....21

REGIONAL REPORTS.....21

 Alaska.....21

 British Columbia.....22

 Washington.....23

 Oregon.....24

 Northern California.....24

 Southern California.....24

CONTENTS (Continued)

Mexico.....26

Hawaii.....26

GENERAL NOTES ON SEABIRD CONSERVATION.....28

 The Living Resources of the Southern Ocean: An International
 Conference. David G. Ainley.....28

 Update on Seabird Mortality from Salmon Driftnets. Gerald A.
 Sanger.....30

 Global Murre Watch. Kees Vermeer.....33

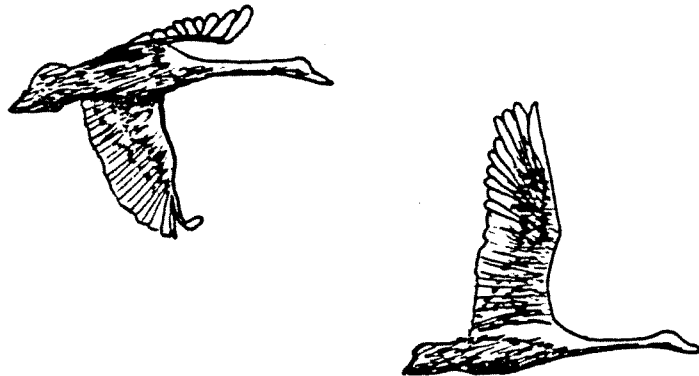
 Short-tailed Albatross Population Increasing. Gerald A. San-
 ger.....36

THE CHAIRMAN'S PAGE

There have been few people studying seabirds in North America who have not been affected by the current wave of funding for environmental studies on the outer continental shelf. These studies are being conducted in order to obtain sufficient information to write environmental impact statements prior to oil and gas lease sales. The program being run by the National Oceanographic and Atmospheric Administration in the United States was forced to fund a large number of studies with little time allowed for planning. This resulted in the funding of a number of projects whose relationship to oil and gas development was questionable. Recently, the Alaskan OCS program began taking an ecosystem approach to its studies so that the final environmental impact statement will be the result of a number of integrated studies rather than a series of disjointed, esoteric research units. An ecosystem approach also has the benefit of making a major contribution to science and not simply fulfilling a governmental requirement.

The funding has had a number of effects on seabird studies. One of the immediate results has been to channel researchers into ecological studies. People who might have conducted behavioral, taxonomic, or physiological studies are instead working on breeding biology and feeding ecology. The impact of OCS funding will be seen in the literature in the next five to ten years. It is likely that future ornithologists will see the 1970's as the great leap forward in seabird research. The major contributions that the OCS programs will make may not be apparent until sometime after most of the field work is done, and the impact statements have been written. The OCS programs have a vast geographic range and will thus provide a huge data base. The data managers running the programs cannot be expected to use the information for its best purpose, which is to provide an overview of seabird biology on the West Coast of North America. In a few years, it will be possible to analyze breeding success and pelagic densities from southern California to northern Alaska. It will take a broadly based group like the PSG to ask the important questions that the OCS data can answer and then organize symposia to address the questions. The structure of the PSG is well suited for such a task and the Group can look forward to playing a major role in what could prove to be the most meaningful work on northern Pacific seabirds.

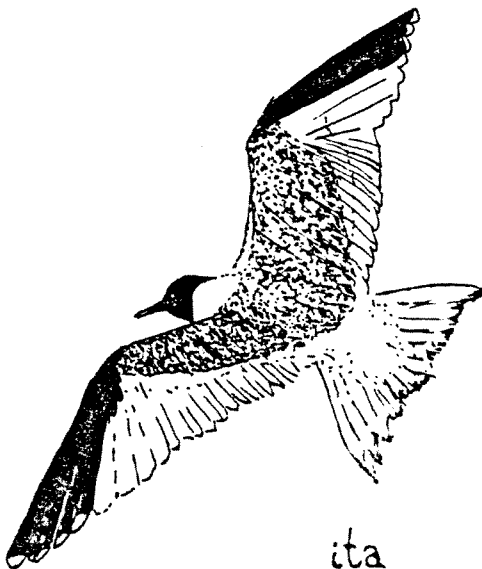
George J. Divoky
Chairman, 1976



EINAR BRUN

Ornithology has suffered an irreplaceable loss in Einar Brun, Professor of Zoology and Director of the Marine Biological Station at Tromsø University, North Norway. He was born in Sandefjord in 1936 and obtained his first degree in 1963. He then came to Britain as warden of the Calf of Man Bird Observatory and completed a PhD. on the biology of echinoderms at the University of Liverpool's Marine Biological Station at Fort Erin, Isle of Man in 1969. He was appointed head of the Zoology Department at Tromsø University the following year, and Professor of Marine Biology in 1972, and was currently working on the life and artificial production of salmon. While pursuing his successful career he also organized a more thorough survey of Norwegian seabirds than we have yet managed for Britain, reporting the results in a long series of papers on individual species, places and topics from the early 1960's which are fortunately reviewed in his contribution to the proceedings of the Seattle conference on northern American seabirds last year. He eventually turned his university department into a key location for ornithological studies, helping to develop the journal, Ornis Scandinavica to promote them in the process. Recently he has been concerned with the assessment of the hazard presented by oil exploration to seabirds, and bought his own Piper Cub to carry out aerial surveys for this purpose. He was killed when his aircraft crashed into the Vega Sea after he encountered bad weather approaching Bardufoss Airport in Troms on the evening of July 13th, 1976. He was a pleasant, stocky, determined character with a neat beard, of vast energy, knowledge, ability and daring concealed behind a quiet, modest demeanor, with whom it was a pleasure and privilege to deal. I regard a trip I made to watch him count the birds on the great cliffs around Bear Island from a little rubber boat in the summer of 1972 as one of my most rewarding ornithological experiences. While he did not take foolish risks, he fearlessly explored the boundaries of human achievement, and it is a tragedy that eventually his luck has failed. He should be remembered as the nearest thing we had to a hero in modern ornithology.

W. R. P. Bourne
The British Seabird Group
September 1976



PACIFIC SEABIRD GROUP NEWS

I. Committee Report, Pelagic Observations.

The reason for existence, but elusive goal of the pelagic committee has been the production of a manual which would attempt to standardize pelagic methods. While the committee has pursued this goal in fits and starts, but mostly stops, the NOAA-Bureau of Land Management (BLM) Outer Continental Shelf Energy Assessment Program (OCSEAP) has come roaring upon the pelagic scene, catching the committee sleepily with their methods and forms down. However, this has proven beneficial to the committee who suddenly find their manual being written for them. Concurrent with others on the Pacific Coast, the U. S. Fish and Wildlife Service, Office of Biological Services, Anchorage, Alaska, has been deeply involved in these OCSEAP pelagic studies. They are putting the final touches on a pelagic methods manual for use by their own personnel in conducting pelagic studies. It will contain, among other things, sections on shipboard and aerial observing methods, seawatch methods, and the identification of difficult species and species groups at sea. This manual will be modified to fit the generalized requirements of a PSG manual and submitted for comments and criticism to the original pelagic committee members and others on the Pacific Coast who have recently been particularly active in pelagic work. A "final" PSG pelagic manual will hopefully be available for general distribution by the 1977 field season.

A bulletin board display and a pelagic methods working session highlighted committee activities during the 1975 Asilomar meeting. Gerry Sanger moderated the working session, which was attended by about 30 people. Active participants in the session were Jim Bartonek, Juan Guzman, Dennis Heinneman, Wayne Hoffman, and Jay Quast, who have been directly or indirectly involved with OCSEAP pelagic bird studies in Alaskan waters, and Ken Briggs and George Hunt, who have been conducting similar studies in Southern California. David Nettleship briefly reviewed the Canadian PIROP program (Program for Integrated Research on Pelagic Birds) in the North Atlantic. All observers seemed to be doing basically the same type of pelagic observing: identifying and counting birds as their ship or aircraft traveled in a straight line (equivalent to transect lines on land). The PIROP program thus far has reported and analyzed their pelagic data in terms of relative abundance (number of birds seen per 10-minute observation period), while virtually all West Coast workers routinely estimate actual abundance (number of birds seen per unit area of sea surface). Useful and sometimes lively discussion was generated during the session by differences in opinion on how to measure or estimate transect widths, the time and distance needed for a transect, the relative merits of shipboard and aerial censuses, and probably more than anything else, what should be included as standard data and how resulting data should be computerized and managed.

Preceding the 1975 PSG meeting and the working session by a couple of days, and perhaps even overshadowing it, were meetings organized by NOAA-BLM, OCSEAP data and program managers, which attempted to organize and standardize the collection and management of all types of marine bird data from the various OCSEAP projects, including pelagic studies. The pelagic meeting was quite useful in reconciling differences of opinion

on pelagic methods and data management. It further provided a point of departure for the PSG working session, which tended to be rather more casual and philosophical.

Gerald A. Sanger
Coordinator, Pelagic Committee
June 1976

II. Treasurer's Report, 1976:

RECEIPTS

1975 Annual Meeting	\$1726.62
Membership Dues	1447.68
Sale of Back Issues of <u>PSG Bulletin</u>	10.00
Interest in Savings Account	3.39
	<hr/>
Total Receipts	\$3187.69

DISBURSEMENTS

1975 Annual Meeting	1426.75
<u>PSG Bulletin</u> (printing, postage, freight)	468.35
Returned Checks	12.50
Treasurer's Expenses (postage, supplies)	82.10
	<hr/>
Total Disbursements	\$1989.70

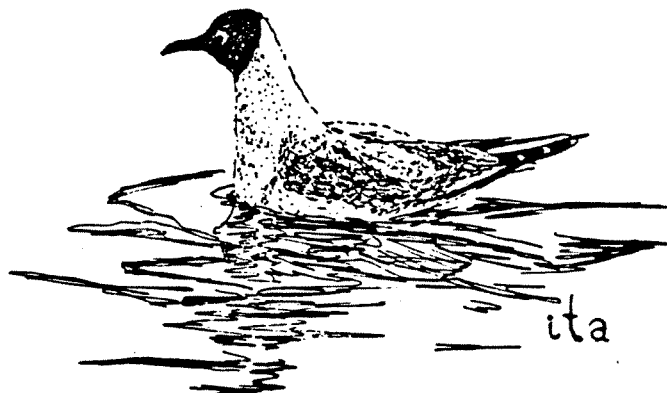
Excess of Receipts over Disbursements \$1197.99

GENERAL CASH FUND

Checking Account	894.60
Savings Account	303.39
	<hr/>

Balance in all accounts as of December
31st, 1976 \$1197.99

David A. Manuwal
Treasurer, PSG
December 1976



III. Pacific Seabird Group Membership List.

The year 1976 saw a major increase in Pacific Seabird Group membership. The following list is current through January 1977.

<u>NAME</u>	<u>ADDRESS-AFFILIATION</u>	<u>DUES PAID THRU</u>
AINLEY, David G.	Pt. Reyes Bird Observatory, Box 8, Alder Road, Bolinas, CA 94924.	1977
ALCORN, Gordon D.	Dept. of Biology, Univ. of Puget Sound, Tacoma, WA, 98416.	1975
ALDERSON, George	323 Maryland Ave., NE, #5, Washington, DC, 20002.	1976
ALLEN, Jeffry AMARAL, Michael	POB 2871, Kodiak, AK, 99615. Wildl. Sci. Group, Coll. of Forest Res., AR-10, Univ. of Washington, Seattle, WA, 98195.	1975 1977
AMES, Jack	Dept. Fish and Game, 2201 Garden Pl., Monterey, CA, 93940.	1976
ANDERSON, Daniel W.	Div. Wildlife/Fisheries, Univ. Calif., Davis, CA, 95616.	1977
ANDERSON, Kathleen S.	Manomet Bird Observ., Manomet, MA, 02345.	1976
ARNESON, Paul D.	Alaska Dept. Fish/Game, 333 Raspberry Rd., Anchorage, AK, 99502.	1978
ARVEY, William	POB 1457, Homer, AK, 99603.	1975
AUKE BAY FISH. LAB	POB 155, Auke Bay, AK, 99821.	1976
BAILEY, Edgar P.	813 D St., Anchorage, AK, 99501.	1977
BAILEY, Stephen F.	Mus. Vert. Zool., Univ. of Calif., Berkeley, CA, 94720.	1977
BALTZ, Donald M.	Div. Wildlife/Fisheries, Univ. Calif., Davis, CA, 95616.	1977
BARNFIELD MARINE STA.	Barnfield, BC, VOR IBO.	1976
BARRET, Robert T.	Marine Biol. Sta., 9000 Trom- sø, NORWAY.	1977
BARTLE, J. A.	National Mus. New Zealand, Private Bag, Wellington, NEW ZEALAND.	1977
BARTONEX, J. C.	U. S. F. W. S., 800 A St., Suite 110, Anchorage, AK, 99501.	1977
BAYER, Range	423 SW 9th, Newport, OR, 97365.	1977
BEAM, John	1105 Spear Ave., Arcata, CA, 95521.	1976
BEDARD, Jean H.	Dept. de Biologie, Univer- sité Laval, Québec, QUÉ.	1977
BERGEN, James	242 Sierra Vista, Ridgecrest, CA, 93555.	1977
BERKNER, Alice	Aqualec Park, Berkeley, CA, 94720.	1976

BERTO, Frances	10 Ash Ave., Apt. A, San Anselmo, CA, 94960.	1976
BERTRAND, Gerard	CEQ, Exec. Off. of the President, Wash., DC, 20006.	1975
BLICK, James	Div. Biol., Univ. Mich., Ann Arbor, MI, 48109.	1977
BLOKPOEL, Hans	CWS, 2721 Hwy. 31, Ottawa, ONT, KIA OH3.	1977
BOERSMA, Dee	Inst. Environ. Studies, Univ. Wash., Seattle, WA, 98195.	1976
BOURNE, W. R. P.	Zoology Dept., Tillydrone Ave., Aberdeen, SCOTLAND, AB9 2TN.	1977
BRADLEY, Stephen W.	9904 87th Ave., Edmonton, ALTA.	1976
BRADSTRAT, Michael S. W.	POB 117, Port Rowan, ONT, NOE IMO.	1977
BRATTSTROM, Bayard	Dept. Biol., Calif. State Univ., Fullerton, CA, 92634.	1977
BRIGGS, Kenneth T.	Coastal Mar. Lab, Univ. Calif., Santa Cruz, CA, 95064.	1975
BROWN, R. G. B.	CWS, Mar. Ecol. Lab., Bedford Institute, Dartmouth NSCOTIA.	1976
BROWNELL, Robert L., Jr.	Div. Mammals, NHB398, Smithsonian Inst., Wash., DC, 20560.	1977
BROWNING, M. Ralph	4303 N Pershing Dr., Apt. 2, Arlington, VA, 22203.	1976
BRUCE, Charles	Route 1, POB 325, Corvallis, OR, 97330.	1977
BUCK, Slader	23155 Dolorosa St., Woodland Hills, CA, 91363.	1976
BURCHAM, Dirk	2230 Home Dr., Apt. B, Eureka, CA, 95501.	1977
BURKE, William F.	Dept. Zool., Univ. Hawaii, Honolulu, HI, 96822.	1976
BURRELL, Galen	11525 32d Ave. NE, Seattle, WA, 98125.	1977
BUTLER, John	5194 Galt Way, San Diego, CA, 92117.	1977
BYRD, Vernon	Aleutian Ids. Nat. Wildl. Refuge, POB 5257, Adak, AK.	1977
CAIRNS, David	Dep. de Biologie, Université Laval, Québec, Qué.	1977
CANADIAN WILDL. SERVICE	Eastern Reg. Libr., 2721 Hwy. 31, Ottawa, ONT, KIA OH3.	1977
CARINS, M.	POB 156, Civic Square, ACT 2608, AUSTRALIA.	1977
CAUSEY, Sherman D.	Dept. Ecol./Evol. Biol., Univ. Calif., Irvine, CA, 97664.	1977
CHANDIK, Theodore A.	4238 Ruthelma Ave., Palo Alto, CA, 94306.	1977
CHEESEMEN, Douglas, Jr.	Biol. Dept., DeAnza College, 21250 Stevens Cr. Blvd., Cupertino, CA, 95014.	1976
CHU, Ellen	137 Applied Sciences, Univ. Calif., Santa Cruz, CA, 95064.	1977
CHURCH, Jane P.	4990 State Rt. 1, Stinson Beach, CA, 94970.	1977

CLAPP, Roger B.	Natl. Fish. & Wl. Service, Natl. Museum Natural History, Washington, D.C., 20560.	1976
CLINE, Dave	POB 1445M, SRA, Anchorage, AK, 99502.	1976
COGSWELL, Howard L.	Dept. Biol. Sci., Calif. State Univ., Hayward, CA, 94542.	1976
COLLIER, Gerald	4311 Miriam Pl., La Mesa, CA, 92041.	1977
COLLINS, Charles T.	Dept. Biol., Calif. State Univ., Long Beach, CA, 90840.	1976
COLORADO State Univ.	Libr., Serials Section, Fort Collins, CO, 80521.	1977
CONANT, Sheila	3663 Alani Drive, Honolulu, HI, 96822.	1977
CONNORS, Peter	POB 247, Bodega Bay, CA, 94923.	1977
COOPER, John	Percy Fitzpatrick Inst. African Ornithology, Univ. Capetown, Rondebosch 7700, SO.AFRICA.	1976
COULTER, Malcolm	443 5th St. NE, Washington, D.C., 20002.	1977
COWAN, Ian McTaggart	2088 Acadia Rd., Vancouver, B.C., Canada, V6T 1R5.	1977
CRAIGHEAD, Lance	Dept. Wldl. Ecol., Univ. Wisc., Madison, WI, 53706.	1978
CRAIG, Robert Brice	Dept. Zool., Univ. Calif., Davis, CA, 95616.	1976
CROCKETT, David E.	21 McMillan Ave., Kamo, Northland, NEW ZEALAND.	1975
CURL, Herbert Jr.	Rx4 OCSEAP Office, ERL/NOAA, Boulder, CO, 80302.	1977
CUSTER, Thomas W.	Patuxent Wildl. Res. Ctr., Laurel, MD, 20811.	1977
DAU, Christian	POB 346, Bethel, AK, 99559.	1977
DAY, Robert H.	Div. Life Sci., 203 Bunnell, Univ. Alaska, Fairbanks, AK, 99701.	1976
DEPT. FISH & GAME	Nongame Wildl. Investigations, 1416 Ninth St., Sacramento, CA, 95814.	1977
DEPT. OF GAME (Library)	600 No. Capital Way, Olympia, WA.	1977
DeWEESE, Lawrence R.	1328 E. Mulberry, Fort Collins, CO, 80521.	1975
DICK, Matt	POB 825, Kodiak, AK, 99615.	1976
DILLON, Bill	28480 Mission Blvd. #201, Hayward, CA, 94544.	1977
DINNEFORD, Bruce	4237 Lark Ellen Ave., Covina, CA, 91722.	1975
DIRECCION GENERAL	Departamento Fauna Silv., Aquiles Serdan #28, Mexico, D.F., MEX.	1977
DIVOKY, George J.	Alaska Dept. Fish & Game, 1300 College Rd., Fairbanks, AK, 99701.	1977

DONAGHO, Walter R.	c/o Rt. 7, Box 485 A, Olympia, WA, 98506.	1977
DOOLEY, Peggy	Coop. Wildl. Res. Lab., So. Ill. Univ., Carbondale, IL, 62901.	1975
DORAN Associates, Ltd.	2230 Yukon St, Vancouver, BC, Canada V5Y 3P2.	1976
DRURY, Wm. H.	College of the Atlantic, Bar Harbor, Maine, 04609.	1978
DUFFY, David C.	Dept. Biol., Princeton Univ., Princeton, NJ, 08540.	1976
DUNBAR, W. Patrick	2001 Central Ave., Apt. F, Alameda, CA, 94501.	1975
DUNN, Erica H.	POB 160, Port Rowan, Ont., Canada, NOE 1MO.	1975
DWYER, Thomas J.	USF&WS, West. Alaska Ecol. Sci., 813 D St., Anchorage, AK, 99501.	1975
ECOLOGY Center	2179 Allston Way, Berkeley, CA, 94704.	1977
ELLIOT, Bruce G.	485 Manzanita, Felton, CA, 95018.	1976
ENGLE, Helen	4011 Alameda Ave., Tacoma, WA, 98466.	1976
ENO, Amos Stewart	Asst. Sec., Int. Dept., Washington, D. C., 20240.	1975
EPPLEY, Zoe	1969 Loring St., San Diego, CA, 92109.	1977
FETTEROLF, Peter M. Jr.	Dept. Zool., Ramsay Wright Zool. Labs, Univ. Toronto, Toronto, Ont., Canada.	1975
FISCUS, Clifford H.	Natl. Mar. Fish. Serv., Mar. Mammal Div., Nav. Sup. Act. Bldg. 192, Seattle, WA, 98115.	1977
FITZNER, Richard E.	Ecosystems Dept., 6652 I Bldg, 600 Area, Batelle Northwest Labs, Richland, MA, 99352.	1975
FLOCK, Warren L.	Univ. Colo., Dept. Elec. Engr. Boulder, CO, 80309.	1976
FORSEL, Douglas J.	298 Drexel Ave., Ventura, CA, 93003.	1977
FRAZER, David A.	49 West Cramona, Seattle, WA, 98119.	1976
FREEL, Maeton	6412 Crescent Ave., No. 12, Buena Park, CA, 90620.	1976
FRICKIE, Donald W.	POB 346, Bethel, AK, 99559.	1976
FRINGS, Hubert	Dept. Zool., Univ. Oklahoma, Norman, OK, 79369.	1977
FRIEDRICHSEN, Gary L.	POB 890, Arcata, CA, 95521.	1976
FROKE, Jeff	Wildl. Mgt. Dept., Humboldt State Univ., Arcata, CA, 95521.	1976
GARRETT, Ronald	1543 Patrick's Pt. Dr., Trinidad, CA, 95570.	1978
GERSTENBERG, Ron	Reedley College, Reedley, CA, 93654.	1977
GILSTON, H.	Ch. des Mouettes 16, 1007 Lausanne, Lausanne, SWITZERLAND	1977

GILL, Robert Jr.	USF&WS, 800 A St., Ste. 110, Anchorage, AK, 99501.	1977
GNAGY, Joseph	2326 E. Girard Pl., Spokane, WA, 99203.	1977
GOULD, Patrick	USF&WS, OBS, 800 A St., Ste. 110, Anchorage, AK, 99501.	1980
GRANT, Gilbert	Dept. Biol., Univ. Calif., Los Angeles, CA, 90024.	1977
GRAU, C. R.	Dept. Avian Sci., Univ. Calif., Davis, CA, 95616.	1976
GRESS, Franklin	POB 247, Bodega Bay, CA, 94923.	1976
GROVES, Sarah	Dept. Zool., Univ. British Col., Vancouver, B.C., Canada V6T 1W5.	1977
GRUBB, Thomas	Rt. 3, Box 91A, Marengo, OH, 43334.	1975
GUZMAN, Juan	1012 Varley Dr. NW, Calgary, ALTA, Canada T3B 2V5.	1977
HALVORSEN, Sigurd	N-4260, Torvastad, NORWAY.	1977
HAND, Judith Latta	Dept. Biol., Univ. Calif. Los Angeles, CA, 90024.	1975
HANDEL, Colleen	POB 163, Kasilof, AK, 99610.	1977
HARDWICK, James	Calif. Dept. Fish & Game, 2201 Garden Road, Monterey, CA, 93940.	1977
HARPER, Charles A.	POB 3965, San Francisco, CA, 94119.	1977
HARPER, Peter C.	43 Rimu Rd., Raumati Beach, NEW ZEALAND.	1975
HARRINGTON, Brian	POB 0, Manomet, MA, 02345.	1976
HARRIS, M. P.	Institute Terrestrial Ecol., Banchory Res. Sta., Hill of Brathens, Glassel Banchory, Kincardineshire AB3 4BY, UNITED KINGDOM.	1975
HARRIS, Stan	Dept Wildl., Humboldt State Univ., Arcata, CA, 95521.	1978
HARRISON, Craig	USFWS, OCS, OBS, 800 A St., Suite 110, Anchorage, AK, 99501.	1976
HARRISON, Ed. N.	West. Found. Vert. Zool., 1100 Glendon Ave., Los Angeles, CA, 90024.	1976
HARVEY, Thomas E.	2923 Marina Dr., Alameda, CA, 94501.	1976
HASEGAWA, Hiroshi	Dept. Zool., Faculty of Sci., Kyoto Univ., Sakyo-ku, Kyoto 606, JAPAN.	1977
HATLER, David	POB 3250, Smithers, BC, Canada VOJ 2N0.	1976
HEINEMAN, Dennis	Dept. Zool., Ore. State Univ., Corvallis, OR, 97331.	1976
HICKEY, Joseph J.	Dept. Wildl. Ecol., Univ. Wisc., Madison, WI, 53706.	1976
HIGUCHI, Yukio	Town Office, Kiinagashima Machi, Mie, JAPAN 5A-32.	1977
HIRSCH, Katherine	208 Cecil St., Minneapolis, MINN, 55414.	1977
HOBERG, Eric	Dept. Vet. Microbio., Univ. Sask., Canada, Saskatoon, Sask., S7N, OW0.	1978

HOBERG, Max	IMS, Univ. Alaska, Fairbanks, AK, 99701.	1978
HOFFMAN, Wayne	Dept. Zool., Ore. State Univ., Corvallis, OR, 97331.	1977
HORN, Michael H.	Dept. Bio., Calif. State Univ., Fullerton, CA, 92634.	1975
HOUT, Jerry L.	POB 346, Bethel, AK, 99559.	1976
HOWARD, Paul M. Jr.	555 Audubon Pl., Sacramento, CA, 95825.	1976
HOWE, John G.	1822 Apple Ln., Davis, CA, 95616.	1977
HOWELL, Thomas R.	Dept. Bio., Univ. Calif., Los Angeles, CA, 90024.	1976
HUBBARD, Joel	120 So. 35th St., Boulder, CO, 80303.	1977
HUBER, Harriet	Pt. Reyes Bird Obs., Bolinas, CA, 94924.	1976
HUNT, George	Dept. Ecol. & Evol. Bio., Univ. Calif., Irvine, CA, 92717.	1977
HYATT, Herb	BLM, Pacific OCS Off., Rm. 7127, 300 N. Los Angeles St., Los Angeles, CA, 90012.	1976
ISLEIB, Pete	POB 139, Cordova, AK, 99574.	1978
JACOBSEN, Michael J.	POB 1287, Juneau, AK, 99803.	1978
JAMES, Paul C.	2342 Caledonia Ave., North Vancouver, BC, Canada.	1978
JEHL, Joseph R. Jr.	POB 1390, San Diego, CA, 92112.	1976
JENSEN, Jørn Vestergaard	Holtevej 13, DK-8000 Aarhus C, DENMARK.	1977
JOHNSON, Oscar W.	Dept. Bio., Moorhead State Coll., Moorhead, MN, 56560.	1977
JOHNSON, Stephen R.	10110 124th St., Edmondton, ALTA, T5N 1P6.	1978
JOLLY, Jon B.	10119 51st SW, Seattle, WA, 98146.	1977
JONES, Lee	Univ. Calif., Sch. Med., Dept. Physiol., Los Angeles, CA, 90024.	1977
JONKEL, George M.	USF&WS, Mig. Bird Mgmt., Laurel, Md., 20811.	1977
JUDGE, Debra S.	Div. Wildl. & Fish. Biol., Univ. Calif., Davis, CA, 95616.	1977
KAISER, Gary W.	POB 125, Delta B.C., Canada V4K 3N6.	1977
KATZ, Sue	910 F St., Davis, CA, 95616.	1977
KAWASHIMA, Sigeuki	24-1 3-chome Nakaochiai, Shinguku-ku, Tokyo, JAPAN.	1977
KEITH, James O.	1771 S. Welch Circle, Lakewood, CO, 80228.	1977
KESSEL, Brina	POB 80211, College Station, Fairbanks, AK, 99708.	1977
KIFF, Lloyd	West. Found. Vert. Zool., 1100 Glendon Ave., Los Angeles, CA, 90024.	1976

KING, James G.	POB 1287, Juneau, AK, 99801.	1977
KING, Kirke A.	POB 2506, Victoria, TX, 77901.	1977
KING, Rodney J.	POB 52, Cordova, AK, 99574.	1977
KING, Warren B.	871 Dolley Madison Blvd., McLean, VA, 22101.	1975
KIRKPATRICK, Ralph D.	7552 S. 350 E. Osage Farm, Jonesboro, IN, 46938.	1977
KLUDT, Larry R.	POB 184, San Martin, CA, 95046.	1977
KNODER, C. Eugene	West. Environ. Sci. Prog., Nat. Audubon Soc., 9250 W. 5th Ave., Lakewood, CO, 80226.	1976
KOOYMAN, Gerald L.	12998 Via Grimaldi, Del Mar, CA, 92014.	1976
KRASNOW, Lynne D.	1375 Orange Ave., San Carlos, CA, 94070.	1976
LANDIN, Mary Collins	POB 631, Vicksburg, MISS, 39180.	1977
LARSON, James W.	Nat. Park Ser., 540 W. 5th Ave., Anchorage, AK, 99501.	1977
LARSON, Robert C.	3356 Dale St., Ketchikan, AK, 99901.	1975
LEACH, Howard	Calif. Fish & Game Dept., 1416 Ninth St., Sacramento, CA, 95814.	1979
LEDDY, Mathew	116 Cuesta Dr., S San Francisco, CA, 94080.	1977
LENT, Peter	USFWS, c/o UCS Prog. Off.Rx4, NOAA Environ. Res. Lab., Boulder, CO, 80302.	1976
LESCHNER, Lora	11525 32 Ave. NE, Seattle, WA, 98125.	1977
LeVALLEY, Ron	Pt. Reyes Bird Obs., 4990 State, Rte. 1, Stinson Beach, CA, 94970.	1977
LEVEQUE, Raymond	Station ornithologique suisse, CH-6204 SEMPACH, SWITZERLAND.	1979
LIBRARY of Congress	Exchange & Gift Div. (IO), Washington, D.C., 20540.	1977
LIBRARY	Edward Grey Inst. Fld. Ornith., South Parks Road, Oxford, ENGLAND, OX1 3PS	1977
LIBRARY	Patuxent Wildlife Res. Ctr., USDI, Laurel, MD, 20811, ATTN: Lynda Garrett, Librarian	1977
LIBRARY	Dept. Wildl. & Fish., Univ. Alaska, Fairbanks, AK, 99701.	1977
LIBRARY	Wildl. Res. Ctr., USF&WS, Fed. Ctr. Bldg. 16, Denver, CO, 80225.	1977
LOS ANGELES Public Library,	Serials Sci-Tech, 630 West 5th, Los Angeles, CA, 90071.	1977
LOWE, Roy III	1507 Oakleaf Ave., Healdsburg, CA, 95448.	1977
MAJOR, Peter	Dept. Biol. Sci., Simon Frazer Univ., Burnaby, BC, V5A 156.	1976

MAKISHIMA, Eugene	40117 Santa Teresa Common, Fremont, CA, 94538.	1977
MANION, Bruce	Univ. Ill. Med. Ctr., Dept. Anatomy, POB 6990, Chicago, IL, 60680.	1976
MANUWAL, David A.	Wildl. Sci. Grp., College Forest Resources 'AR10, Univ. Washington, Seattle, WA, 98195.	1977
MARSHALL, Mac	Dept. Anthro., Univ. Iowa, Iowa City, IA, 52242.	1975
MATTHIESEN, Diana G.	Dept. Biol. Sci., San Jose State Univ., San Jose, CA, 95192.	1975
MATTOCKS, Philip W. Jr.	10109 NE 24th, Bellvue, WA, 98004.	1977
McCASKIE, Guy	1310 14th St., Imperial Beach, CA, 92032.	1976
McCORMICK, Kevin J.	Nat. Parks & Wildl. Office., Jelan Kertak, Kuching, Sarawak; E. MALAYSIA.	1976
McCRIMMON, Donald A.	Cornell Lab Ornithology, 159 Sapsucker Woods Rd., Ithaca, NY, 14853.	1977
McDONALD, Malcolm E.	US Nat. Fish & Wildl. Serv., Health Lab, Univ Wisc., Vet. Sci., Madison, WI, 53706.	1976
McGILL UNIV.	MacDonald Coll., Library, McGill Univ., Montreal, Quebec, Canada, H3C 3G1.	1977
McHUGH, Kenneth	c/o Peace Corps, POB 158, Koror, Palau, WEST. CAROLINE ISLAND, 96940.	1975
McMILLAN, Hugh	Salisbury, CONN 06068.	1975
MELVILLE, David	Agr. & Fish. Dept., 393 Canton Rd., Kowloon, HONG KONG.	1977
MESLOW, E. C.	Ore. Coop. Wildl. Res. Unit, Ore. State Univ., Corvallis, OR, 97331.	1975
MacINTOSH, Richard	POB 1561, Kodiak, AK, 99615.	1977
MEWALDT, Richard	Avian Biol. Lab., San Jose State Univ., San Jose, CA, 95192.	1975
MICKELSON, Peter	Dept. Wildl. & Fish., Univ. Alaska, Fairbanks, AK, 99701.	1977
MILLER, Gregg	2168 Emerson St., Berkeley, CA, 94705.	1977
MOBERG, Eric	2521 Carson St., Redwood City, CA, 94061.	1977
MOE, Allen	Ambler, AK.	1976
MONTGOMERY, Donald	Rt. 5, Box 5658, Juneau, AK, 99803.	1976
MOREHOUSE, Keith A.	Joint State/Fed. Fish & Wildl. Advisory Team, 628 F St., Anchorage, AK, 99501.	1975
MOREJOHN, Victor	POB 223, Moss Landing, CA, 75039.	1976

MORTENSEN, Erik	Klokkaragota 24, 3800 Torshavn, Faroe Island via DENMARK.	1977
MYRES, M. T.	Dept Biol., Univ. Calgary, Calgary, ALTA, Canada, T2N 1N4.	1977
NELSON, Harvey	2431 Riviera Dr., Vienna, VA, 22180.	1975
NELSON, Jay	POB 1916, Sitka, AK, 99835.	1977
NELSON, R. Wayne	Dept. Biol., Univ. Calgary, Calgary, ALTA, Canada, T2N 1N4.	1976
NETTLESHIP, D. N.	Canadian Wildl. Serv., Mar. Ecol. Lab., Bedford Inst. Ocean., Dartmouth, Nova Scotia, Canada, B2Y 4A2.	1976
NORTON, David W.	NOAA-OCSEP Arctic Proj. Off., Geophys. Inst., Univ. Alaska, Fairbanks, AK, 99701.	1975
NYSEWANDER, David R.	USF&WS, 800 A St., Anchorage, AK, 99501.	1977
OAKLEY, Karen	S.R. Box 20195, 2-mile Goldstream Rd., Fairbanks, AK, 99701.	1976
OHLENDORF, Harry	Patuxent Wildl. Res. Ctr., Laurel, MD, 20811.	1978
OLSEN, Bergun	Kagsakollegiet 161, 2730 Herlev, DENMARK.	1977
OSBORNE, Timothy	1510 W. Carriage Dr., Santa Ana, CA, 92704.	1977
PAGE, Gary	c/o PRBO, 4990 State Rt. 1, Stinson Beach, CA, 94970.	1977
PARCELLS, Steve	4137 24th St., Apt. 4, San Francisco, CA.	1977
PATLA, Susan M.	7415 Olivetas St., La Jolla, CA, 92037.	1977
PATTEN, Samuel M. Jr.	Dept. Pathobio., John Hopkins Univ., 615 No. Wolfe St., Baltimore, MD, 21205.	1975
PAULIK, Edgar	762 Heather St., Richmond, BC, Canada, V64 2P9.	1976
PAYNE, Elaine	726 E. Laguna Ave., Santa Maria, CA, 93454.	1976
PEARCY, William G.	Sch. Oceanography, Ore State Univ., Corvallis, OR, 77331.	1976
PERCY FITZPATRICK	Inst. African Ornith., Univ. of Cape Town, Rondebosch, CPS AFRICA.	1977
PETERSEN, Aevor	Edward Grey Inst. Ornith., Dept. Zool., South Parks Rd., Oxford, ENGLAND OX1 3PS.	1977
PETERSON, Margaret R.	POB 250, Suisun, CA, 94585.	1976
PEYTON, Leonard	Inst. Arctic Biol., Univ. Alaska, Fairbanks, AK, 99701.	
PHILLIPS, Mark	2092 Palomino Ln., Arcata, CA, 95521.	1977
PIEROTTI, Raymond	370 26th Ave., Santa Cruz, CA, 95062.	1976

PITELKA, Frank A.	Mus. Vert. Zool., Univ. Calif., Berkeley, CA, 94720.	1976
PITMAN, R. L.	8720 Harness St., Spring Valley, CA, 92077.	1976
PORTNOY, John W.	515 Gardere Ln., Baton Rouge, LA, 70808.	1976
POUGH, Edward W.	POB 286, Lewes, Delaware, 19958.	1975
POUGH, Richard H.	33 Highbrook Ave., Pelham, NY, 10803.	1977
POWERS, Kevin	7 Jones St., Worcester, MASS, 01604.	1976
PYLE, Robert L.	741 N. Kalaheo Ave., Kailua, HI, 96734.	1975
QUAMMEN, Mellicent	Dept. Biol. Sci., Univ. Calif., Santa Barbara, CA.	1977
QUAST, Jay	Rt. 5, Box 5694, Juneau, Alaska, 99801.	1977
RAMSEY, Fred L.	2504 NW Mulkey, Corvallis, OR, 97330.	1976
REARDEN, Jim	Outdoors Ed., Alaska Mag., POB 313, Homer, AK, 99603.	1976
RICE, Robin C.	Dept Entom., Univ. Hawaii, Honolulu, HI, 96822.	1975
RICKLEFS, Robert	Dept. Biol., Univ. Penn., Philadelphia, PA, 19174.	1977
RIECK, Carroll	State of Wash., Dept. Game, 600 No. Capitol Wy., Olympia, WA, 98504.	1976
RIEGER, John P.	4123½ Wilson Ave., San Diego, CA, 92104.	1977
RISEBROUGH, Robert W.	Bodega Mar. Lab., POB 247, Bodega Bay, CA, 94923.	1977
ROBBINS, Chandler S.	US Fish & Wildl. Ser., Migratory Bird & Habitat Res. Lab., Laurel MD, 20811.	1975
ROBERTSON, Ian	6267 Thorne Rd., Burnaby, BC, Canada, V3N 2V2.	1976
ROBERTSON, William	Everglades Nat. Park., Homestead, FL, 33030.	1976
ROCKWOOD, Stephen	M/V Tustemena, POB 66, Seward, AK, 99664.	1976
ROE, William G.	2318 E. Elm St., Tucson, ARIZ, 85719.	1977
ROUDYBUSH, Tom	2950 Portage Bay #223, Davis, CA, 95616.	1978
RUOS, James L.	7145 Deer Valley, Highland, MD, 20777.	1977
RYDER, Oliver A.	Dept. Reproductive Med., C-015, Univ. Calif. San Diego, La Jolla, CA, 92037.	1976
RYDER, Ronald A.	Dept. Fish. & Wildl. Biol., Colo. State Univ., Fort Collins, CO, 80523.	1976

SANGER, Gerald A.	US Fish & Wildl. Serv., Off. Bird Serv., 800 A St., Anchorage, AK, 99501.	1976
SANTA BARBARA MUS. NAT. HIST.	2559 Puesta Del Sol Rd., Santa Barbara, CA, 93105.	1976
SAUNDERS, David	Sunnyhill, Rosemarket, Milford Haven, Pembrokeshire, Wales, GREAT BRITAIN.	1976
SCHAMEL, Douglas	U of A Wildl. Mgt., Univ. Alaska, Fairbanks, AK, 99701.	1976
SCHLATTER, Roberto	Instituto de Zoologia, Universidad Austral de Chile, Casilla 567, Valdivia, CHILE.	1976
SCHOUTEN, Madelon	14916 Thrift Ave., White Rock, BC, Canada, V4B 2J9.	1977
SCHREIBER, Ralph W.	Ornith., Nat. Hist. Mus., 900 Exposition Blvd., Los Angeles, CA, 90007.	1976
SCHWARTZ, Doug	13402 Eton Pl., Santa Ana, CA, 92705.	1977
SCOTT, Joan	AFCEDE/EV, Tyndall AFB, FL, 32401.	1976
SCOTT, Michael	POB 44, Hawaii Nat. Park, HI, 96718.	1977
SEALY, Spencer G.	Univ Manitoba, Winnipeg, Manitoba, Canada.	1976
SEARING, Gary	LGL Lt'd., 10110 124th St., Edmonton, ALTA, Canada.	1976
SEDGEWICK, G. E.	5 Benita Way, Martinez, CA, 94553.	1976
SEKORA, Palmer C.	337 Uluniu St., Kailua, HI, 96734.	1976
SENNER, Stan	Wildl. Res. Unit, Univ. Alaska, Fairbanks, AK, 99701.	1977
SERIALS DEPT.	McGill Univ. Libraries, 3459 McTavish St., Montreal, Quebec, Canada, H3A 1Y1.	1977
SERIALS SECTION	The Libraries, Colo. State Univ., Fort Collins, CO, 80521.	1977
SCHALLENBERGER, Robert J.	Ahuimanu Productions, POB 1166, Kailua, Oahu, HI, 96734.	1975
SMITH, David C.	c/o Bird Rescue Ctr., Aquatic Park, Berkeley, CA, 94710.	1977
SMITH, Susan M.	Depto. de Biologia, Universidad de Costa Rica, Ciudad Universitaria, COSTA RICA.	1976
SOWL, L. W.	5107 Southampton Dr., Annandale, VA, 22003.	1977
SOWLS, Arthur L.	c/o USF&WS-OBS, 800 A St., Suite 110, Anchorage AK, 99501.	1977
SPEICH, Steven	1250 West Philadelphia Ave., Ontario, CA, 91761.	1977
SPRINGER Paul F.	Migratory Bird Res. Sta., USF&WS, c/o Humboldt State Univ., Arcata, CA, 95521.	1976

SPROUL, John Jr.	8413 Buckingham Dr., El Cerrito, CA, 94530.	1976
SPRUNT, Alexander IV	115 Indian Mound Trail, Tavernier, FL, 33070.	1976
STALLCUP, Richard	7481 Woodrow Dr., Oakland, CA, 94611.	1977
STENZEL, Lynne	4990 State Rt. 1, Stinson Beach, CA, 94970.	1977
STEWART, Robert	PRBO, 4990 Shoreline Hwy., Stinson Beach, CA, 94970.	1977
ST. LOUIS, Martin	4848 Angelus, Arcata, CA, 95521.	1977
STRANG, Carl A.	Dept. Biol. Dickinson College, Carlisle, PA, 17013.	1977
STRONG, Helen	Box 8, Alder Rd., Bolinas, CA, 94924.	1977
SWEET, Nathan C. Jr.	POB 1388, Cambria, CA, 93428.	1976
TAYLOR, Lawrence J.	4679 William St., Omaha, NB, 68106.	1976
THOMPSON, Max C.	Southwestern College, Winfield, KS, 67156.	1976
THOMAS, Dana	825 NW 23rd, Riveria Apts. #51, Corvallis, OR, 97331.	1977
THORESEN, Asa C.	Box 147 Andrews, Berrien Springs, MI, 49104.	1976
THRELFALL, William	Dept. Biol., Memorial Univ., St. John's NFLD, Canada, A1C 5S7.	1976
TODD, Frank S.	Sea World, 1700 So. Sho es Rd., San Diego, CA, 92109.	1976
TRAPP, John L.	Aleutian Islands NWR, POB 5251, Adak, AK, 99695.	1977
TULL, Eric	10110 124th St., Edmonton, ALTA, Canada, T5N 1P6.	1977
TWEIT, William H.	Rt. 3, Box 944, Olympia, WA, 98506.	1976
UC-DOCUMENTS DEPT.	Serials Dept., Gen. Libr., Univ. Calif., Berkeley, CA, 94720.	1977
UC-DOCUMENTS DEPT.	Serials Dept., Gen. Libr., Univ. Calif., Davis, CA, 95616.	1977
UDVARDY, M. D. F.	Dept. Biol. Sci., Calif. State Univ., Sacramento, CA, 95819.	1977
VAN CLEVE, G. Bernard	304 So. Winebiddle St., Pittsburgh, PA, 15224.	1977
VAROUJEAN, Daniel	Dept. Wildl. & Fish. Bio., Univ. Calif., Davis, CA, 95616.	1977
VASSALLO, Marilyn	215 Walnut St., Pacific Grove, CA, 93950.	1977
VERMEER, Kees	8968 Mainwaring Rd., Sidney, Vancouver Island, British Columbia, Canada, V8L 1J7.	1977
VILLA-RAMIREZ, Bernardo	Privada de San Lucas No. 9, Coyoacan, Mexico 21, D. F., Mex.	1976
VOLLERTSEN, John T.	Dept. Biol., Univ. New Mex., Albuquerque, NM, 87131.	1977

WAHL, Terrence R.	3041 Eldridge, Bellingham, WA, 98225.	1977
WALTERS, Michael P.	Sub-Dept. Ornith., British Mus. Nat. Hist., Tring Mus., Tring, Hertfordshire, ENGLAND.	1975
WALTON, Brian J.	CRBI, POB 2565, Santa Clara, CA, 95053.	1976
WARD, John G.	10110 - 124th St., Edmonton, ALTA, Canada.	1977
WARHAM, John	Zool. Dept., Univ Canterbury, Utristchurch, NEW ZEALAND.	1976
WARTER, Stewart	Dept. Biol., LBS, Long Beach State Univ., Long Beach, CA, 90840.	1976
WATSON, Jay F.	9325 SW Parkview Loop, Beaverton, OR, 97005.	1977
WATSON, Louisa	4323 Cathedral Ave. NW, Washington, D.C., 20016.	1978
WEBB, Morgan C.	Dept. Biol., Morningside College, Sioux City, IA, 51106.	1975
WEHLE, Duff	202 Bunnell, Univ. Alaska, Fairbanks, AK, 99701.	1977
WESTON, Henry G. Jr.	Dept. Biol., San Jose State Univ., San Jose, CA, 95192.	1977
WHITE, Clayton	Dept. Zool., Brigham Young Univ., Provo, Utah, 84601.	1978
WIENS, John A.	Dept. Zool., Oregon State Univ., Corvallis, OR, 97331.	1977
WILBUR, Sanford R.	405 Park Rd., Ojai, CA, 93023.	1975
WILSON, Graham	Biol. Dept., Memorial Univ. St. Johns, Newfoundland, Canada.	1977
WOHL, Kent	POB 1159, Anchorage, AK, 99510.	1976
WOLK, Robert G.	Nassau Co. Mus., Seaford, NY, 11783.	1975
WOODLEY, Robert E.	1935 Hetrick Ave., Richland, WA, 99352.	1975
WOODWARD BIOMEDICAL LIBR.	Serials Div., Univ. British Columbia, 2075 Wesbrook Pl., Vancouver, BC, Canada, V6T 1W5.	1977
WOOLINGTON, Dennis W.	Wildl. Res. Fld. Station, Humboldt State Univ., Arcata, CA, 95521.	1975
YESNER, David R.	Univ. Alaska, 2533 Providence Ave., Anchorage, AK, 99504.	1976
YOCUM, Charles	Dept. Wildl., Humboldt State Univ., Arcata, CA, 95521.	1977
ZEILLEMAKER, C. Fred	USFWS, Hawaiian Is. NWR, POB 87, Kilauea, HI, 96754.	1977

IV. Items of Interest.

INTERNATIONAL CONFERENCE, THE CHANGING SEA-BIRD POPULATIONS OF THE NORTH ATLANTIC--An international conference, sponsored by the BOU, BTO, RSBP, British Seabird Group, Scottish Ornithologists' Club, and Wildfowl Trust was scheduled for 26-28 March 1977 at Aberdeen University, Scotland, to enable the many workers on sea-birds in Europe and on the eastern seaboard of North America to meet and find out about each other's research. Members of the sponsoring societies, and others interested in the subject, were encouraged to attend.†

Morning sessions were devoted to in depth topics and afternoons to invited and offered papers on current research. Morning topics were as follows:

- Saturday: POPULATION ECOLOGY
Auks and gulls were selected as the two groups to be covered.
- Sunday: HUMAN INFLUENCES
Fisheries, oil development, and chemical pollution.
- Monday: SURVEYS
Birds at sea and the use of aerial techniques.

Correspondence about the program should be sent to Chris Mead, British Trust for Ornithology, Beech Grove, Tring, Herts. HP23 5NR, who is secretary of the organizing committee (Professor George Dunnet, Dr. Christopher Perrins, and Clare Lloyd).

COLONIAL WATERBIRD GROUP--A Colonial Waterbird Group (CWG) was formed at the North American Wading Bird Conference on 16 October 1976. The group combines the North American Wading Bird Group and the Seabird Group from eastern North America. Preliminary objectives of the CWG are: 1) to encourage and coordinate standardized surveys of colonial waterbirds, 2) to assist efforts by conservationists related to protection and management of wetland and coastal ecosystems, and 3) to act as a clearinghouse of information for on-going research and research opportunities. The group has established a newsletter as a channel of communication among the CWG members and plans a meeting late in 1977.

Chairperson of the pro tempore Steering Committee for CWG is John C. Ogden, editor of the Newsletter is Mitchell A. Byrd, and Secretary-Treasurer is Joanna Burger. All those interested in joining are urged to contact Joanna Burger, Department of Biology, Livingston College, Rutgers University, New Brunswick, New Jersey 08903. Dues for 1977 are \$5.00.

COLONY CATALOGUE, ALASKA--OBS-CE is engaged in a project of cataloging seabird colonies along the coastline of Alaska, a distance of over 34,000 miles, most remote and seldom visited. The cataloging effort was begun about seven years ago by FWS employees Jim Bartonek, LeRoy Sowl, George Divoky, Palmer Sekora, Ed Bailey, Vern Byrd, Larry Haddock, Jim King, and Dan Gibson; but it received a revitalizing boost with OCS funds from BLM through a NOAA-contracted study.

The catalog is an open file of information on each of thousands of colonies within the state. Colony records, maps, and photographs are kept at our office and are available for use to anyone. Certain basic information about each colony is being computerized to assist in analyses of oil spill risks, relationships between pelagic distribution and breeding sites, identification of critical habitats, and assessing changes in population status from whatever cause, and dispensing information.

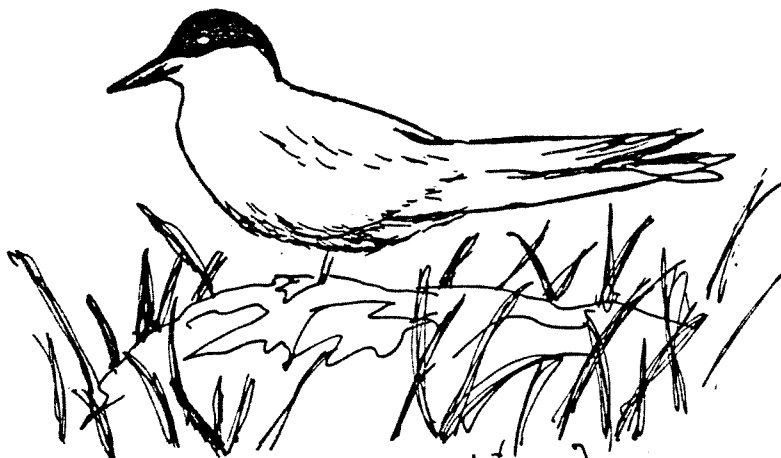
A preliminary catalog of the colonies should be published by the end of 1977 and made available for distribution. We recognize that the data in this catalog will vary in quality and precision of estimates, but nonetheless it will provide the base from which information can be added, upgraded, or corrected. Anyone wishing more information or having comments or data to contribute is encouraged to write or stop by our office at any time. Forms and instructions used in this catalog are available upon request. Remember that a preliminary catalog will be published by the end of this year, and your data are needed. All data will be properly credited.

Arthur L. Sowls
U.S. Fish and Wildlife Service
Office of Biological Services -
Coastal Ecosystems
800 A Street - Suite 110
Anchorage, Alaska 99501
November 1976

V. Bulletin Board.

SPECIMENS WANTED--The Natural History Museum of Los Angeles County, Section of Ornithology, will act as repository for any and all dead birds. We are particularly interested in birds which can be sexed, either through examination of the gonads or plumage characteristics, and desire to build up the skeleton and alcoholic collections through aquisition of birds found dead and in a reasonably fresh condition. We are particularly interested in marine birds but will accept any and all wild birds, and certain captives. We suggest freezing the specimens and encourage you to label the specimen with date and place and wrapping it in clear plastic bag which is tightly closed. Call us when you need to ship the specimens to Los Angeles.

Ralph W. Schreiber
Los Angeles County Museum
900 Exposition Blvd.
Los Angeles, Calif. 90007
AC 213, 746-0410
October 1976



SEABIRD PHOTOS WANTED--For my forthcoming field guide of the western birds I still need a few color slides of less often photographed species. The publishers, Chanticleer Press of New York pay \$75 for single use of one 35 mm (2by2") color slide. Following are needed:

All North Pacific Shearwaters	Aleutian Tern
Laysan Albatross	Cassin's Auklet
Leach's Storm-petrel	Kittlitz Murrelet
Black Storm-petrel	Marbled M. (summer plumage)
Pacific Eider (drake)	Xantus' Murrelet
Black Turnstone (1 or more, flying)	Craveri's Murrelet
Ross' Gull	Paraquet Auklet

Please contact by letter, giving your phone number.

Miklos D. F. Udvardy
Dept. Biol. Sciences
Calif. State University
Sacramento, CA 95819
December 1976

BANDING AND COLOR-MARKING GULLS IN ALASKA--One of the major projects of Sam and Renee Patten has been the color-marking and banding of gulls in the Cordova area. They are concluding their second year on a study of breeding ecology of the Gulf of Alaska Herring Gull group (Larus argentatus x Larus glaucescens). The purpose of this research has been to investigate the reproductive success of this gull group prior to the development of oil resources, obtain some idea of the diseases resident in this bird population, study migration routes, ascertain the evolutionary status, and examine the potential of these gulls to serve as an indicator species for environmental decline.

Thirty adult gulls have been dyed yellow and wear conspicuous leg bands. On one leg the gulls have a large aluminum band (with yellow tape in 1976), and on the other leg is a large orange plastic band with the codes C00 to C99 in black letters. Seventy-five juvenile gulls from the Egg Island study area also wear bands with this combination. The juvenile gulls are otherwise unmarked. The Pattens have banded some 4500 other gulls during the course of this NOAA project.

Anyone seeing yellow adult gulls or recovering gull bands please notify them c/o Forest Service, P.O. Box 280, Cordova, AK 99574.

Sam Patten
Dept. Pathobiology
John Hopkins Univ.
615 N. Wolfe Street
Baltimore, MD 21205
December 1976