

CURRICULUM VITAE

GEORGE LESTER HUNT, JR.

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DATE OF BIRTH: 10 August 1942, Boston, Massachusetts

CITIZENSHIP: United States

MARITAL STATUS: Married

EDUCATION:

1965 Harvard College. AB, Biology
1965-1966 University of Pennsylvania.
1971 Harvard University. Ph.D., Biology

EMPLOYMENT EXPERIENCE:

1970-1976 University of California, Irvine: Assistant Professor
1976-1982 University of California, Irvine: Associate Professor
1979-1983 University of California, Irvine: Chair, Department of Ecology and
Evolutionary Biology
1982- 2005 University of California, Irvine: Professor
2005- University of Washington, Research Professor

PROFESSIONAL SERVICE - Since 1980

1. Reviewer for numerous journals and publishers including: Academic Press, *American Naturalist*, *Animal Behavior*, *Antarctic Science*, *Auk*, *Biological Oceanography*, *Canadian Journal of Zoology*, Chapman and Hall, *Condor*, *Continental Shelf Research*, Cornell University Press, *Ecology*, *Evolution*, *Fisheries Research Bulletin*, *J. Marine Sys.*, *J. Theoretical Biology*, *Limnology and Oceanography*, *Marine Biology*, *Marine Ecology Progress Series*, *National Museum of Natural History Antarctic Research Series*, *Oecologia*, *Ornis Scand.*, Oxford University Press, *Polar Biology*, *Science*, *Southern African Journal Marine Science*, Stanford University Press, *Studies in Avian Biology*, U. Utah Press, W.B. Saunders, Co., Publishers.
2. Referee: National Science Foundation in the Biological Oceanography, Population Biology and Physiological Ecology, Psychobiology, International and Polar Programs; Alaska Council on Science and Technology.; National Institute of Health; National Geographic Society; Natural Environment Research Council (U.K.); NATO Fellowship Program; U.S.-Israel Binational Science Foundation.

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3. Reviewer for National Park Service Natural Resources Management Plan and environmental assessment, Channel Islands National Monument.
4. Technical Advisory Committee, Upper Newport Bay Ecological Reserve, California Department of Fish and Game, 1975-1986.
5. Scientific Project Review Board for Pacific Missile Test Center, U.S. Navy, 1978-1990.
6. Chair, Pacific Seabird Group, Committee on Seabirds and Fisheries Management, 1985.
7. Chair, Editorial Review Board, California Publications in Zoology, 1979-1980.
8. Chair, Marine Birds Workshop, St. George Synthesis Meeting, 1981. NOAA/BLM, Anchorage, Alaska.
9. Reviewer, Santa Barbara Marine Sanctuary Program. Man in the Biosphere Program/Santa Barbara Museum of Natural History, 1980.
10. Reviewer, National Marine Fisheries, Walleye Pollock Ecosystem Workshop, 1983.
11. Reviewer for Center for Field Research, 1984.
12. External Thesis Examiner, University of Cape Town, South Africa, 1985, 1986, 1991.
13. National Research Council: Panel to plan U.S. participation in the Greenland Sea Project, 1987.
14. National Research Council: Committee on Mono Basin, 1985-1987.
15. International Ornithological Congress; standing committee on the coordination of seabird research 1986-present.
16. Scientific Committee on Antarctic Research working group on birds, 1987-1995.
17. National Research Council: Ecology Sub-committee of Committee to review Outer Continental Shelf Environmental Studies Program, 1986-1992.
18. Department of Justice: Peer-reviewer and advisor, Exxon Valdez Oil Spill Studies, 1988-1993.
19. Department of the Interior, Mineral Management Service, Pacific OCS Region, Fourth Information Transfer Meeting, Participant, 1989.
20. Department of the Interior, Mineral Management Service, Pacific OCS report reviews, 1989.
21. Department of the Interior, Mineral Management Service, Quality Control Review Board, Survey of Marine birds and mammals of the Oregon and Washington Outer Continental Shelf, 1989-1991.
22. National Science Foundation, Steering Committee for a Long Term Ecological Research project for the Antarctic Peninsula, 1990-2002.
23. Invited Participant for SCAR workshop on "Ecology of the Sea-Ice Zone" in Trondheim, Norway, May 1990.
24. National Research Council: Committee to review Alaskan Outer Continental Shelf Environmental Information., 1991-1994.
25. International Council for the Exploration of the Sea (ICES): Study group on seabird-fish interactions, Member 1992 to 1994; Co-Chair, 1992, Chair 1993-1994.
26. Point Reyes Bird Observatory, Board of Directors, (Scientific Committee) 1993-1999.
27. British Government, Joint Nature Conservation Committee: Outside Science Review, JNCC Offshore Animals Programme, 1993-1994.
28. US Forest Service, Marbled Murrelet Conservation Assessment 1993-1995.
29. National Research Council Workshop, Committee on the Bering Sea Ecosystem, Invited participant, 1993.
30. Commission of the European Communities, Working Group on the Data Base for Evaluation of Ecosystem effects of Fisheries. Report, 1994.

31. International Council for the Exploration of the Sea (ICES): Working Group on Seabird Ecology 1994 to present.
32. External Thesis Examiner, University of British Columbia, 1995.
33. North Pacific Marine Science Organization (PICES); Working Group 11, Prey Consumption by marine mammals and seabirds in the PICES area. Co-Chair 1995-1999
34. North Pacific Marine Science Organization (PICES); Climate Change and Carrying Capacity Program, Regional Experiment (REX) Task Team. 1995-
35. Advisor to the British Broadcasting Company Natural History Unit for the new series the Blue Planet 1996- 1998.
36. Section Editor, Marine Birds, Encyclopedia of Ocean Sciences, Academic Press. 1997-2001
37. Editorial Associate, Marine Ecology Progress Series 1997-
38. External Thesis Examiner, University of Otago, New Zealand
39. Editorial Board, Antarctic Science 1997-
40. UNOLS Science Mission Requirements Subcommittee for replacement of the R/V Alpha Helix 1997
41. NOAA/FOCI: Southeast Bering Sea Carrying Capacity Program; Senior Investigators Council. 1997-2002
42. U.S. Geological Survey, North American Colonial Waterbird Conservation Plan (NACWCP), Subcommittee on Research and Information Needs 1998-2001
43. North Pacific Marine Science Organization (PICES); Study Group on Incorporating Marine Mammal and Bird Expertise into PICES 1999
44. National Research Council, Committee on Alaska Groundfish Fishery and Steller Sea lions; 2001: invited presenter.
45. National Research Council, Committee on Oil in the Sea. 1999-2002
46. National Research Council, Committee to Review the Gulf Ecosystem Monitoring Program 2000-2002
47. Scientific and Statistical Committee, North Pacific Fisheries Management Council 2001-
48. Chair, Synthesis Working Group, Southeast Bering Sea Carrying Capacity Study, National Oceanic and Atmospheric Administration, 2001-2002
49. Member, Science steering Committee, Study of Ecosystem Arctic Change (SEARCH) 2002-
50. Lead Scientist, Bering Ecosystem Study Program (BEST) 2002-2005
51. Chair, Science Steering Committee, Bering Ecosystem Study (BEST) 2005-
52. Lead Scientist, Ecosystem Studies Sub-Arctic Seas Program (ESSAS) 2002-2005
53. Co-Chair, Science Steering Committee, Ecosystem studies of Sub-Arctic Seas (ESSAS) 2005-
54. Guest Editor, Special volume of Progress in Oceanography: Top-down, bottom-up and other control mechanisms in marine ecosystems. 2004-2005.
55. Guest Editor, Special volume of Progress in Oceanography: Climate variability and sub-arctic marine ecosystems. 2005-
56. Member, Bering Sea Interagency Working Group

HONORS:

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| 1977-1980 | Cooper Ornithological Society, Council Member |
| 1981 | American Association for the Advancement of Science, Fellow |
| 1991 | American Ornithologists Union, Fellow |

2004 Pacific Seabird Group, Lifetime Achievement Award

RESEARCH SUPPORT - Since 1980

- 1979 Distribution, abundance and role of seabirds in the Bering Sea. N.S.F.(3 years).
- 1980 Anchovy management and stock assessment: seabird reproduction as an indicator. Sea Grant. (1 year).
- 1980 Pelagic distribution of seabirds on the Northern Aleutian Shelf. NOAA. (1 year).
- 1980 Reproductive ecology and pelagic distribution of Pribilof Island seabirds. NOAA. (1 year).
- 1981 Pelagic Bird Populations near the Navarin Basin and St. Matthew Island, and the development of priorities for Marine Bird protection (risk assessment). NOAA. (1 year).
- 1981 Distribution, abundance and role of seabirds in the Southeastern Bering Sea ecosystem. N.S.F. (1 year).
- 1981 Marine Bird Distribution in the Ross Sea. N.S.F. (2 years)
- 1981 Population monitoring of marine birds in the Channel Islands National Park. National Park Service. (2 years)
- 1981 Anchovy management and stock assessment: seabird reproduction as an indicator. NOAA/Sea Grant. (1 year)
- 1982 Trophic relations of marine birds in the southeastern Bering Sea. N.S.F. (2 years)
- 1982 Marine bird distribution in relation to krill in the east wind drift, Antarctica. N.S.F. (2 years)
- 1982 Pelagic Bird Populations near the Navarin Basin and St. Matthew Island. NOAA. (1 year)
- 1983 Small-scale physical events, prey abundance and the patchiness of seabird distribution near Bering Sea colonies. N.S.F. (3 years)
- 1984 Pelagic bird distribution in relation to prey availability and prey use in the Scotia Sea. N.S.F. (3 years)
- 1986 Effect of colony size on seabird reproductive performance. N.S.F. (3 years)
- 1987 Research Experience for Undergraduates Supplement. N.S.F.
- 1987 Effect of colony size on seabird reproductive performance and energetics. University Research Expeditions Program.
- 1988 Effect of colony size on seabird reproductive performance and energetics. University Research Expeditions Program.
- 1989 Research Experience for Undergraduates Supplement. N.S.F.
- 1992 Foraging of planktivorous seabirds and hydrographic processes in the Aleutians. N.S.F. (3 years).
- 1994 A Comparison of Avian and Zooplankton Ecology in Two Western Arctic Polynyas. N.S.F. (3 years).
- 1996 Monitoring and development of biophysical indices of the southeastern Bering Sea. NOAA Coastal Ocean Program (3 years).
- 1996 Retrospective analysis of the association between avian predators and juvenile walleye pollock. University of Washington/ NOAA Coastal Oceans Program. (2 years).

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- 1997 A collaborative study of prolonged production and trophic transfer to predators: Processes at the inner front of the southeastern Bering Sea. N.S.F. (3 years).
- 1997 The ecological role of marine birds in the North Water Polynya: Polynya mechanisms and Carbon cycling by birds. N.S.F. (3 years)
- 1999 A collaborative study of the dynamics and ecosystem implications of post-bloom production at the inner front of the southeastern Bering Sea. N.S.F. (2 years)
- 1999 Supplement to the North Water Polynya Grant N.S.F. (2 years)
- 1999 Monitoring and use of biophysical indices of the southeastern Bering Sea Phase II NOAA Coastal Ocean Program (1 year).
- 2001 Climate-driven bottom-up processes and killer whale abundance as factors in Steller sea lion population trends in the Aleutian Islands. NOAA (2 years).
- Synthesis of the population and trophic ecology of pinnipeds and seabirds in the eastern Bering Sea, with an emphasis on the Pribilof Island colonies. NOAA Coastal Ocean Program (1 year).
- Workshop to Assess Research Priorities in the Bering Sea. N.S.F. (1 year).
- Food web structure across a large-scale ocean productivity gradient: Top predator assemblages in the southern Indian Ocean. N.S.F. (1 year)
- 2003 Collaborative Proposal: Cross-shelf Transport and Post-Bloom New Production near the Pribilof Islands N.S.F. (2 years).
- 2005 Planning Activities for the Bering Sea Ecosystem Study (BEST). N.S.F. (3years).

SCIENTIFIC SOCIETIES:

AAAS (Fellow 1981), American Society of Zoologists, AIBS, Animal Behavior Society, Arctic Institute of North America, Ecological Society of America, Northeastern Bird Banding Association, Western Birdbanding Association, British Ecological Society, British Ornithological Union, American Ornithological Union (Fellow, 1991), Wilson Ornithological Society, Cooper Ornithological Society (council member, 1977-1980), Nuttall Ornithological Club, American Society Limnology and Oceanography.

PARTICIPATION IN SYMPOSIA and Workshops- Since 1980

- 1982 a. Convener, Symposium 25. Oceanographic Determinants of Pelagic Bird Distribution. XVII International Ornithological Congress, Moscow. Paper: The significance of oceanographic domains and fronts for seabird distribution in the Bering Sea.
- b. Trophic demands of seabirds in Alaskan waters. D. Schneider, G. Hunt and J. Weins. Symposium 45. Seabirds and Nutrient Cycles. XVII International Ornithological Congress, Moscow.
- 1983 Fourth Symposium on Antarctic Biology, Wilderness, South Africa.
- 1984 Depression of Reproductive effort of Western Gulls and Xantus' Murrelets on Santa Barbara Island, California in 1983. Symposium on "Impact of the 1982-83 "El Niño" on Seabird Ecology." AAAS Western Division San Francisco, with J. Sayce.

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- 1986 a. Co-convener, Symposium 17, Reproductive Biology of Seabirds at high latitude; An interhemispheric comparison. 19th International Ornithological Congress, Ottawa, Canada. Paper: Seabirds of high latitude northern and southern environments, with D.N. Nettleship.
- b. Cross-shelf gradients in the abundance of pelagic birds, D.S. Schneider, D.C. Duffy and G.L. Hunt. Symposium 14, 19th International Ornithological Congress, Ottawa, Canada.
- 1987 The importance of hydrographic structure for foraging Least Auklets (Aethia pusilla). Symposium on Alcids at Sea, Pacific Seabird Group with N. Harrison.
- 1988 a. Fifth symposium on Antarctic Biology, Hobart, Tasmania. Title: The concordance of marine birds and mammals with their principal prey, Antarctic krill: Implications for monitoring programs.
- b. 100th Meeting Deutch O.G. Symposium on Seabird Ecology, invited speaker. Title: The distribution of seabirds at sea: Physical and biological aspects of their marine environment, Bonn, Germany.
- c. University of Tromsø/Tromsø Museum. Workshop on Seabirds at Sea, invited speaker. Title: Pelagic distribution of marine birds in an heterogeneous marine environment.
- d. University of Tromsø/Tromsø Museum. Workshop on Seabirds at Sea. Title: A front affecting the distribution of seabirds in the northern Bering Sea. N.M. Harrison Senior author.
- e. American Society of Zoologists Symposium on Antarctic Marine Biology, invited speaker. Title: Marine ecology of seabirds in polar oceans, San Francisco, CA.
- 1990 a. Liège Symposium on Ocean Hydrodynamics, invited speaker. Title: Importance of marginal ice zone habitats to marine birds, Liege, Belgium.
- b. Symposium on the marine ecology of the northern Barents Sea, ProMARE final meeting, keynote speaker. Title: Occurrence of polar seabirds at sea in relation to oceanographic factors, Trondheim, Norway.
- c. Pacific Seabird Group, Symposium on the status and conservation of seabirds in the northern North Pacific, Invited speaker. Title: Aspects of the pelagic biology of planktivorous auklets. With N. Harrison and J. Piatt, Victoria, Canada.
- d. Pacific Seabird Group, Symposium on the status and conservation of seabirds in the northern North Pacific. Title: Status and ecology of kittiwakes in the North Pacific. S. Hatch senior author, with G.V. Byrd, D.B. Irons and G.L. Hunt, Victoria, Canada.
- e. Int'l Ornithological Congress. Workshop on Technological innovations for examining activity budgets of seabirds: Introduction, Christchurch, New Zealand.
- f. Int'l Ornithological Congress. Symposium on seabirds as monitors of changing marine environments. Title: How do foraging seabirds sample their environment? With J.F. Piatt and K.E. Erikstad, Christchurch, New Zealand.
- 1991 a. Alaska Sea Grant Program: Is it food? A review of environmental problems in the Bering Sea, Fairbanks, AK..

- b. BIOMASS Colloquium, Bremerhavn, Germany. Title: Marine Ornithology in the Southern Drake Passage and Bransfield Strait during the BIOMASS programme, with J. P. Croxall and P. Trathan.
- 1992 International Symposium on Climate Change and Northern Fish Populations: Interdecadal changes in the reproductive success and diets of marine birds with respect to changes in sea surface temperature in the southeastern Bering Sea. With M. B. Decker (senior author) and G. V. Byrd, Jr. (lecture and poster), Victoria, British Columbia.
- 1994 a. International Workshop on the Early Life History Stages of Walleye Pollock. Title: Changes in the distribution and size of juvenile walleye pollock as indicated by seabird diets at the Pribilof Islands and by bottom trawl surveys in the eastern Bering Sea. With A.S. Kitaysky, M.B. Decker, and D.E. Dragoo, Seattle, WA.
- b. Royal Society of Edinburgh, Symposium on Aquatic Predators and their Prey. Title: Fluctuations in the Bering Sea Ecosystem as reflected in the Reproductive Ecology and Diets of Kittiwakes on the Pribilof Islands, 1975 to 1990. with M.B. Decker and A.S. Kitaysky, Aberdeen, UK.
- 1995 a. OAI/ARCSS Biological Initiative in the Arctic: Shelf-Basin interactions workshop. Townsend MD. Invited participant.
- b. North Pacific Science Organization (PICES). Symposium on Climate Change and the Carrying Capacity of the Bering Sea. Invited Discussion Leader. Qindao, China.
- 1995 a. Alaska Sea Grant. International Symposium on Forage fish. Title: Use of Forage Fish by Marine Birds at the Pribilof Islands in 1987 and 1988: Variation in Prey Use as a Function of Hydrographic Conditions. (Senior author, with Mary Beth Decker, Kenneth O. Coyle, and Jeannette Zamon). Anchorage Alaska.
- b. ICES. International Symposium on Seabirds in the Marine Environment. Title: Foraging Ecology of Planktivorous Seabirds in the Bering Sea.
- 1997 Gordon Research Conference on Sea Ice Ecology. Poster title: Is the Distribution of Seabirds along Ice Edges an Indication of Underlying Processes?
- 1998 a. NOAA/FOCI International Workshop on Recent Conditions in the Bering Sea
- b. Convener Symposium 34 on Foraging Ecology of Seabirds at Sea, 22nd International Ornithological Congress, Durban, South Africa, with J. Croxall and R. Veit, Co-conveners. Presented paper: Physical Processes, Prey Abundance and the Foraging Ecology of Seabirds first author, with F. Mehlum, R. W. Russell, D. Irons, M. B. Decker & P. H. Becker, co-authors
- 1999 a. Oceanographic Society Symposium on "Extreme and Unexpected Phenomena in the Ocean", Reno, Nevada. Invited Speaker: Title: Ecosystem Responses of the Southeastern Bering Sea to Abnormal Weather Patterns in 1997 and 1998, with C. L. Baduini, R. D. Brodeur, K. O. Coyle, J. M. Napp, J. D. Schumacher, P. J. Stabeno, D. A. Stockwell, T. E. Whittedge, and S. I. Zeeman
- b. Pacific Seabird Group Symposium on Climate Variability and Seabird Response, Blaine, Washington. Title: Anomalous weather events in the southeastern Bering Sea: The condition of short-tailed shearwaters in 1997 and 1998. Baduini, C.L., K.D. Hyrenbach, and G.L. Hunt, Jr.

- 2000 a. North Pacific Marine Science Organization (PICES) International Symposium Beyond El Niño 2000, La Jolla, CA: Invited Paper: The Eastern Bering Sea: Three Decades of Change, with N. Bond, R. D. Brodeur, G. V. Byrd, K. O. Coyle, J. Napp, E. Sinclair, P. Stabeno, and G. Walters, co-authors.
- b. North Pacific Marine Science Organization (PICES) Co-Convener: W6: PICES BIO/MBMAP Workshop on estimating the abundance and impact of marine birds and mammals, Hakodate, Japan, with H. Kato, Convener. Presented Paper: Results of the PICES WG11 Estimates of Prey Consumption by Marine Birds and Challenges in Developing Estimates,. With P. Gould and K. Morgan, co-authors.
- c. North Pacific Marine Science Organization (PICES) Convener: Theme Session Bio. S-2: "Prey Consumption by Higher Trophic Level Predators in PICES Regions: Implications for Ecosystem Studies, Hakodate, Japan, H. Kato, Co-convener. Presented paper: Estimates of prey consumption by marine birds in the North Pacific Ocean. With: P. Gould and K Morgan, co-authors.
- 2001 a. North Pacific Marine Science Organization (PICES). Invited Lecture: Climate Change and the Control of Energy Flow in the Eastern Bering Sea Symposium on "A decade of variability in the physical and biological components of the Bering Sea Ecosystem. PICES Annual Meeting, Victoria, British Columbia. (G.L. Hunt, Jr. and P.J. Stabeno)
- b. Gordon Research Conference on Polar Marine Ecology: Climate, Biological-physical coupling and energy transfer through the Bering Sea food web.
- c. Gordon Research Conference on Polar Marine Ecology: After Dinner Talk: Feathered Oceanographers: The view from above.
- 2002 a. North Pacific Marine Research Board, Oceans and Watersheds Symposium: Invited Lecture: Ecosystem Effects of Fishing. Anchorage, AK.
- b. National Marine Fisheries Service, Steller Sea Lion Research Symposium: Invited Lecture: Steller Sea Lion Habitat in the Aleutian Islands: Bottom-up and Top-down Effects of Production and Predators (G.L. Hunt, Jr., S. Moore, K.O. Coyle, P. Stabeno, and S. Zeeman).
- c. International Workshop to Assess Research Priorities in the Bering Sea: Organized, obtained funding, and presented a paper: Climate change and energy flow in the eastern Bering Sea (G. Hunt and P. Stabeno).
- d. Co-convener, SEARCH: Biological and Human Dimensions Implementation Workshop, Seattle WA.
- 2003 a. University of California, Santa Cruz, Workshop: Whales and Ocean Ecosystems. Invited lecture: Bottom-up Forcing and the Control of Upper Trophic Level Marine Populations
- b. North Pacific Marine Science Organization (PICES): International Workshop, Seoul Korea: Linkages between open ocean and coastal systems: Invited Lecture: Prey Consumption and Energy Transfer by Seabirds in the Gulf of Alaska, With: J. Jahncke, G.S. Drew, and J.F. Piatt.
- c. NOAA Synthesis Workshop on the Climate-Ocean Regime Shift Hypothesis of Steller Sea Lion decline. Newport Beach, CA.

- 2004 a. American Association for the Advancement of Science, Unaami: The Changing Arctic Signal-Documenting, Explaining and responding to Arctic Environmental Change. Invited lecture: Arctic Change and the Bering Sea Ecosystem.
- b. Climate Change Science Program (CCSP) Interagency Working Group Ecosystems Workshop, Silver Spring MD
- c. American Society of Limnology and Oceanography/The Oceanographic Society, Convener: Symposium on Oceanography and Ecology of the Aleutian Archipelago.
- d. NOAA: Northeast Pacific Climate Regimes and Ecosystem Productivity Workshop, Seattle WA.
- e. The Norwegian Research & Technology Forum in the U.S. / Canada, Royal Norwegian Embassy, Washington D.C. and Carnegie Institution: The Second Trans-Atlantic Co-operative Research Conference: *"Meeting the Climate-Energy Challenge"*
- f. North Pacific Marine Science organization (PICES): Mechanisms that regulate North Pacific ecosystems: Bottom-up, top-down, or something else? Co-convener.
- 2005
- a. American Association for the Advancement of Science, Biological Perturbations in the Melting World. Invited Lecture: Are the high latitude birds threatened by recent climate change?
- b. NOAA/NPRB/BEST/AOOS. Planning Workshop for long-term research collaboration in the Bering Sea.
- c. Co-Convener, GLOBEC Symposium on Climate Variability and Sub-Arctic Marine Ecosystems, Victoria, B.C.
- 2006
- a. ESSAS Workshop on Comparisons of Climate Impact on four Sub-arctic seas. St. Petersburg, Russia. Co-convener.

CONTRIBUTED PAPERS - Since 1980

- 1980 a. Breeding distribution and reproductive biology of marine birds of the eastern Bering Sea. With Z. Eppley, Pacific Seabird Group, Annual Meeting.
- b. Distribution and abundance of marine birds in the southeastern Bering Sea. Combined Wilson and Cooper Ornithological Societies, Annual Meeting.
- c. Female-female pairing and the sex-ratio of Western Gulls on Santa Barbara Island, California. American Ornithological Union, Annual Meeting.
- d. Marine birds in relation to the oceanography of the eastern Bering Sea. Amer. Ecol. Soc. Annual Meeting.
- 1981 A comparison of seabird diets and foraging distribution around the Pribilof Islands. Pacific Seabird Group Annual Meeting, with Dave Schneider, senior author.
- 1982 Seabird numbers at three fronts in the southeastern Bering Sea. D. Schneider, senior author. AGU/ASLO Annual Meeting.
- 1983 Sex-ratios and differential mortality in Western Gull chicks. American Ornithological Union, Annual Meeting, with James Sayce, senior author.
- 1984 Effect of colony size on seabird reproduction. Pacific Seabird Group Annual Meeting, with Z. Eppley and D. Schneider.

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- 1985 Field use of microcomputers for the collection of seabird data. Pacific Seabird Group Annual Meeting. G. Updegraff, senior author.
- 1986 a. A closer look at density-related depression of reproduction in seabirds. Pacific Seabird Group Annual Meeting. Z. Eppley, senior author.
- b. Sources of sex-ratio bias in the breeding population of Western Gulls on Santa Barbara Island. Pacific Seabird Group Annual Meeting. J. Sayce, senior author.
- c. Foraging patterns of Least Auklets with respect to physical structures near King Island, Northern Bering Sea. Ocean Sciences Meeting (ASLO), with N. Harrison.
- d. Correlations between bird and krill densities in Antarctica. Amer. Ornith. Union Ann. Meeting, with D. Heinemann and R. Veit.
- 1987 a. Foraging of Least Auklets near King Island, Alaska. Pacific Seabird Group Annual Meeting, with N. Harrison.
- b. In the wake of the whale: The behavior of seabirds at small ephemeral patches. Amer. Ornithol. Union, Ann. Meeting. B. Obst, senior author.
- c. Correlations between the abundance of Macaroni Penguins and krill. Pacific Seabird Group Ann. Meeting, with I. Everson and D. Heinemann, senior author.
- 1988 a. The relationship between seabird community structure and oceanographic regions in Bransfield Strait, Antarctica. Ocean Science Meeting AGU/ASLO, with D. Heinemann and R.B. Heywood.
- b. Poor correlations between Antarctic krill and their penguin predators: Sampling biases of "suboptimal" predators. Comb. Ann. Meeting, Colonial Waterbird Group and Pacific Seabird Group, with D. Heinemann (senior author) and I. Everson.
- 1990 a. Colony size and reproductive energetics of cliff-nesting seabirds: Ann. meeting. Pacific Seabird Group. E. Flint, senior author.
- b. Colony size and reproductive energetics of cliff-nesting seabirds. Combined AOU/COS Ann. meetings. E. Flint, senior author.
- c. Energetic costs of commuting in Least Auklets (*Aethia pusilla*). Combined AOU/COS Ann. meeting. B. Obst, senior author with Z. Eppley and G. Hunt.
- d. Foraging ecology of small auklets in the northern Bering Sea. Combined AOU/COS Ann. meeting. With N. Harrison.
- 1991 a. The interaction of tidal currents, euphausiid swarms and foraging by murrelets over a shoal to the east of St. George Island, Bering Sea. Amer. Soc. Limnol. Oceanogr. (With M.B. Decker and K.O. Coyle, senior author).
- b. Prey Stock Structure, foraging behavior of seabirds, and the use of seabird reproductive performance to measure prey populations. Pacific Seabird Group Meeting. (With J.F. Piatt).
- 1993 a. Seabirds and Marine Mammals as CO₂ vents in polynyas. International Workshop on Arctic Polynyas. With M. B. Decker and E. Woehler (poster presentation).
- b. Seabird Reproduction and Diets at the Pribilof Islands with respect to Sea Surface Temperatures and the Abundance of Juvenile Pollock in the

- eastern Bering Sea. Pacific Seabird Group. With M. B. Decker (senior author) and G. V. Byrd, Jr.
- 1994 Reproductive performance of seabirds on the Pribilof Islands, Alaska, as a function of diet composition in the period 1975 to 1990. Combined Annual Meetings of the American Ornithologists Union, Cooper Ornithological Society and the Wilson Ornithological Society. With M.B. Decker and A.S. Kitaysky.
- 1995 Foraging ecology of planktivorous auklets in an Aleutian Islands' pass. Joint Conference of the Colonial Waterbird Society and the Pacific Seabird Group, Victoria, British Columbia. With R. W. Russell, K. O. Coyle, and T. Weingartner.
- 1996 Olfactory sensitivities of foraging procellariid seabirds in the Aleutian Islands, Chemoreception Meetings. G. Nevitt (senior author) and G. Hunt.
- 1997 a. The foraging ecology of three species of planktivorous auklets in a shallow pass in the Aleutian Islands. ASLO Aquatic Sciences Meetings, Santa Fe, New Mexico. (senior author, with R. Russell, K. Coyle, and T. Weingartner)
- b. Ecosystem Anomalies in the Eastern Bering Sea: Seabird Dieoff and Coccolithophorid Bloom Follow Calm Spring and Strong Stratification. AGU/ASLO Ocean Sciences Meeting, San Diego, CA. (senior author with K O Coyle, J D Schumacher, P J Stabeno, D. Stockwell, T Whitledge, S Zeeman)
- c. Ecosystem Anomalies in the Eastern Bering Sea: Starvation of Short-tailed Shearwaters from an Apparent Lack of Available Euphausiids. Poster Presentation AGU/ASLO Ocean Sciences Meeting, San Diego, CA (Baduini, C.L., G.L. Hunt, Jr., K.O. Coyle, A. Pinchuk, and K.D. Hyrenbach)
- d. Die-off and starvation of short-tailed shearwaters (*Puffinus tenuirostris*) in relation to prey availability in the Eastern Bering Sea. Oral Presentation to the Pacific Seabird Group 25th Annual Meeting, Monterey, California, 21-25 January 1998. (Baduini, C.L., G.L. Hunt, Jr. and K.D. Hyrenbach)
- 1999 a. Effects of Interannual Variation in Weather Patterns on the Foraging Ecology and Survival of Short-tailed Shearwaters in the Southeastern Bering Sea. ASLO, Aquatic Sciences Meeting, Santa Fe, NM. (Senior author with C. L. Baduini, and K. O. Coyle).
- b. Anomalous weather events in the southeastern Bering Sea and the condition of short-tailed shearwaters. Poster presentation at The Oceanographic Society Symposium "Extreme and Unexpected Phenomena in the Ocean", Reno, Nevada. (Baduini, C.L., and G.L. Hunt, Jr.).
- c. Ecosystem Responses of the Southeastern Bering Sea to Abnormal Weather Patterns in 1997 and 1998. International Council for the Exploration of the Sea (ICES), Stockholm, Sweden. (Senior author with C. L. Baduini, R. D. Brodeur, K. O. Coyle, J. M. Napp, J. D. Schumacher, P. J. Stabeno, D. A. Stockwell, T. E. Whitledge, and S.I. Zeeman).
- 2000 a. Interannual variability in the southeastern Bering Sea: The role of wind-forcing in setting the stage. North Pacific Marine Science Organization (PICES) International Symposium Beyond El Niño 2000, La Jolla, CA: (P.J. Stabeno, G.L. Hunt, Jr., N.B. Kachel and T. Whitledge).
- b. The Eastern Bering Sea: Three Decades of Change. . North Pacific Marine

- Science Organization (PICES) International Symposium Beyond El Niño 2000, La Jolla, CA: (G. L. Hunt, Jr., N. Bond, R. D. Brodeur, G. V. Byrd, K. O. Coyle, J. Napp, E. Sinclair, P. Stabeno, and G. Walters)
- c. The influence of weather on seabird foraging conditions. ASLO/AGU Ocean Science meeting San Antonio, Texas. (C.L. Baduini and G.L. Hunt, Jr.); in Special Session on Weather and the fate and amount of production in the ocean, Co-Convener and Co-Chaired with Jeff Napp.
- 2002
- a. Feathered Oceanographers: Foraging where physics sets the table. ICES Annual Science Meeting, Copenhagen, Denmark (George L. Hunt, Jr., Lucy Vlietstra, Ken Coyle), In Theme Session on Environmental influences on trophic interactions. Co-Conveners: L. Valdes (Spain) and J.C. Therriault (Canada) G. Hunt (USA) and S Greenstreet (UK)
 - b. Energy Flux to Top Predators in the Eastern Bering Sea: the Roles of Climate Change and Biophysical Coupling. GLOBEC Open Science meeting, Qingdao, China. (G.L. Hunt, Jr., P. Stabeno, and K. O. Coyle)
 - c. Feathered Oceanographers: The foraging ecology of marine birds. PICES Annual Science Meeting, Qingdao, China. G.L. Hunt, Jr., L. Vlietstra, J. Jahncke, and K.O. Coyle
- 2003
- a. Energy Flux to Top Predators in the Eastern Bering Sea: The Effects of Timing of Ice Retreat on Biophysical Coupling through Zooplankton. 3rd International Zooplankton Production Symposium in Gijón (Spain) With: K.O. Coyle, A.I. Pinchuk, and P. Stabeno.
- 2004
- a. Bering Ecosystem Study Program. Pacific Seabird Group Annual Meeting, La Paz, Mexico, with P. Stabeno, J. Napp, and R. Sambrotto. (poster)
 - b. Ecosystem Studies of Sub-Arctic Seas. Pacific Seabird Group Annual meeting, La Paz, Mexico, with H. Loeng and K. Drinkwater. (poster)
 - c. Marine environment of the central and eastern Aleutian Islands. ASLO/TOS Annual Meeting Honolulu, Hawaii, with C. Ladd (first author), C. Mordy, S. Salo, and P. Stabeno.
 - d. Spatial patterns of seabird distribution, abundance and diet in the eastern and central Aleutian Islands. ASLO/TOS Annual Meeting, Honolulu, Hawaii, with J. Jahncke (first author), and K. O. Coyle.
 - e. Bering Ecosystem Study Program. ASLO/TOS Annual Meeting, Honolulu, Hawaii, with P. Stabeno, J. Napp, and R. Sambrotto. (poster)
 - f. The Bering Sea. Is it just a Warmer Barents Sea? ICES International Symposium on the Influence of Climate Change on Northern Fish Stocks, Bergen, Norway. With B. Megrey.
 - g. Ecosystem Studies of Sub-Arctic Seas. ICES International Symposium on the Influence of Climate Change on Northern Fish Stocks, Bergen, Norway., with H. Loeng and K. Drinkwater. (poster)
 - h. PICES Annual meeting, Honolulu, Hawaii. Are the control mechanisms of marine birds and mammals scale-dependent?

INVITED LECTURES - Since 1980

- 1980
 - a) University of California, Santa Barbara
 - b) University of California, Santa Cruz
 - c) University of California, Santa Barbara
- 1981
 - a) Scripps Institution of Oceanography

GEORGE LESTER HUNT, JR.

- 1983 a) University of Durham, England
b) Department of Zoology, University of Cape Town, South Africa
c) Percy Fitzpatrick Institute of African Ornithology
- 1984 a) Scripps Institution of Oceanography
- 1985 a) Department of Oceanography, University of Cape Town, South Africa
b) California State University, Northridge
- 1987 a) British Antarctic Survey
b) Norwegian Polar Research Institute
- 1988 a) University of Gotenberg, Sweden
b) University of Aberdeen
c) University of Glasgow
- 1990 a) University of Alaska, Fairbanks
- 1991 a) Los Angeles County Museum of Natural History
b) Monterey Bay Aquarium Research Institute
c) University of California Los Angeles
- 1993 a) University of Washington, Friday Harbor Marine Laboratories
- 1994 a) University of California, Santa Cruz
b) Memorial University , St. John's Newfoundland
- 1995 a) University of Southern California
b) Bamfield Marine Station
c) University of Victoria
d) Scripps Institution of Oceanography
e) University of California, Santa Barbara
f) University of Nevada, Reno
- 1996 a) University of Washington, Friday Harbor Marine Laboratories
b) Friday Harbor Marine Laboratories, Marine Associates
- 1999 a) Alaska SeaLife Center, Seward
- 2000 a) University of Hokkaido, Sapporo, Japan
b) Scripps Institution of Oceanography
c) Hatfield Marine Sciences Center, Newport, Oregon
d) University of California, Irvine, Dept. Earth Systems Science
- 2001 a) Office of Polar Programs, National Science Foundation
b) Scripps Institution of Oceanography
- 2002 a) Interagency Arctic Research Policy Committee, NSF, NOAA, and other agencies.
b) University of California, Irvine, Dept. Earth System Science
c) Centre National de la Recherche Scientifique, Centre D'Etudes Biologiques, de Chize, France
d) University of Victoria, Brithish Columbia, Canada
- 2003 a) School of Aquatic and Fisheries Science (Parrish Laboratory), U. Washington, Seattle
b) University of British Columbia, Vancouver, Canada
c) NOAA Pacific Marine Environmental Laboratory, FOCI Group, Seattle, WA.
- 2004 a) Keynote Address, Annual Meeting, Pacific Seabird Group, La Paz, Mexico
b) School of Aquatic and Fisheries Sciences, U. Washington, Seattle,

- 2005 WA
- a) Department of Biology, Pomona College
 - b) Department of Ecology and Evolutionary Biology, University of California, Irvine.
 - c) Marine Mammal Commission, Annual Meeting, Anchorage, AK..

RESEARCH INTERESTS:

1. Climate variability and the structure and function of marine ecosystems.
2. Biological oceanography and the pelagic ecology of seabirds.
3. Reproductive strategies and ecology of colonial birds.

PUBLICATIONS - Since 1980

1. Administrative and Technical Reports

- Hunt, G.L. and D. Schneider. 1981. Seabird distribution and food consumption. PROBES Progress Report 1980. PROBES, Institute of Marine Sciences, University of Alaska, Fairbanks, 27 pp.
- Hunt, G.L. 1981. Annotated Bibliography of Seabirds in the Channel Islands National Park. In: Woodhouse, Ed. Literature review of the resources of Santa Cruz and Santa Rosa Islands and the marine waters of the Channel Islands National Park, California. pp. 569-690. Santa Barbara Museum of Natural History.
- Hunt, G.L., Z. Eppley, B. Burgeson and R. Squibb. 1981. Reproductive ecology, foods and foraging areas of seabirds nesting on the Pribilof Islands, 1975-1979. Environmental Assessment of the Alaskan Continental Shelf: Final reports of Principal Investigators 12: 1-257.
- Strauch, J.G. and G.L. Hunt. 1981. Marine Birds. In: M.J. Hameedi, Ed. The St. George Basin environment and possible consequences of planned offshore oil and gas development. pp. 83-110. Dept. of Commerce, Dept. of the Interior.
- Hunt, G.L. and T. Ingram. 1982. Summary of the historical data base for selected species in the Channel Islands National Park. Report to National Park Service, Ventura, Calif. 75 pp.
- Hunt, G.L., J. Kaiwi and D. Schneider. 1982. Pelagic distribution of marine birds and analysis of encounter probability for the southeastern Bering Sea. Environmental Assessment of the Alaskan Continental Shelf: Final reports of the Principal Investigators 16: 1-160.
- Ingram, T., G. Gress, G.L. Hunt, Jr. and D.W. Anderson. 1983. Handbook for monitoring selected seabird species in the Channel Islands National Park. Report to National Park Service, Ventura, Calif. 94 pp.
- Eppley, Z.A. and G.L. Hunt. 1985. Pelagic distribution of marine birds on the central Bering Sea Shelf and analysis of risk for the Navarin Basin.

- Environmental Assessment of the Alaskan Continental Shelf: Final reports of Principal Investigators 30: 3657-525.
- Kaiwi, J. and G.L. Hunt. 1985. Assessment of oil spill risk to birds. Environmental Assessment of the Alaskan Continental Shelf: Final reports of Principal Investigators 30: 527-597.
- Hunt, G.L. 1985. Offshore oil development and seabirds: The present status of knowledge and long-term research needs. Chapt. 11 (53 pp.), In: D. Boesch and N.N. Rabalais al. (eds.) The long-term effects of offshore oil and gas development: an assessment and a research strategy. A Report to NOAA for the Fed. Interagency Comm. Ocean Pollution, Research, Development and Monitoring.
- Working Party on Bird Ecology, 1985. Report on the FIBEX Seabird Data Interpretation Workshop. BIOMASS Report Series No. 44.
- Mono Basin Ecosystem Study Committee, 1987. The Mono Basin Ecosystem: Effects of changing lake level. National Academy Press. Washington, DC 272 pp.
- Hunt, G.L. 1989. Marine birds and development of oil and gas on the outer continental shelf. pp. 33-38 in MBC Applied Environmental Sciences. Pacific OCS Region, Fourth Information Transfer Meeting. MM 689-0069.
- Committee to Review the Outer Continental Shelf Environmental Studies Program. 1989. The adequacy of environmental information for outer continental shelf oil and gas decisions: Florida and California. National Academy Press, Washington, DC. 86 pp.
- Committee to Review the Outer Continental Shelf Environmental Studies Program. 1991. The adequacy of environmental information for outer continental shelf oil and gas decisions: Georges Bank. National Academy Press, Washington, DC. 83 pp.
- Ecology Panel, Committee to review the Outer Continental Shelf Environmental Studies Program. 1992. National Academy Press. Washington, D.C. 152 pp.
- ICES Study Group on Seabird/Fish Interactions. 1993. Report CM 1993/L:10
- ICES Study Group on Seabird/Fish Interactions. 1994. Report CM 1994/L:34
- Commission of the European Communities, Working Group on the Data Base for Evaluation of Biological Impact of Fisheries. Report, 1994.
- Ralph, C.J., G.L. Hunt, Jr., M.G. Raphael and J.F. Piatt. (Technical Editors) 1995. Ecology and Conservation of the Marbled Murrelet. General

Technical Report, PSW-GTR-152, Albany, CA: Pacific Southwest Research Station, Forest Service, US Dept. Agriculture, 420 p.

- Ralph, C.J., G.L. Hunt, Jr., M.G. Raphael and J.F. Piatt. 1995. Ecology and conservation of the marbled murrelet in North America: An overview. Pp. 3-22, In: Ralph, C.J., G.L. Hunt, Jr., M.G. Raphael and J.F. Piatt. (Technical Editors) 1995. Ecology and Conservation of the Marbled Murrelet. General Technical Report, PSW-GTR-152, Albany, CA: Pacific Southwest Research Station, Forest Service, US Dept. Agriculture, 420 p.
- Hunt, G.L., Jr. 1995. Oceanic processes and marine productivity in waters offshore of marbled murrelet breeding habitat. Pp. 219-222, In: Ralph, C.J., G.L. Hunt, Jr., M.G. Raphael and J.F. Piatt. (Technical Editors) 1995. Ecology and Conservation of the Marbled Murrelet. General Technical Report, PSW-GTR-152, Albany, CA: Pacific Southwest Research Station, Forest Service, US Dept. Agriculture, 420 p.
- Hunt, G.L., Jr., 1995. Monospecific and mixed species foraging associations of marbled murrelets. Pp. 255-256, In: Ralph, C.J., G.L. Hunt, Jr., M.G. Raphael and J.F. Piatt. (Technical Editors) 1995. Ecology and Conservation of the Marbled Murrelet. General Technical Report, PSW-GTR-152, Albany, CA: Pacific Southwest Research Station, Forest Service, US Dept. Agriculture, 420 p.
- Hunt, G.L., Jr., C. L. Baduini, R. D. Brodeur, K. O. Coyle, J. M. Napp, J. D. Schumacher, P. J. Stabeno, D. A. Stockwell, T. E. Whitley, and S.I. Zeeman 1999. Ecosystem Responses of the Southeastern Bering Sea to Abnormal Weather Patterns in 1997 and 1998. International Council for the Exploration of the Sea. ICES CM 1999/O:06, 8pp.
- Hunt, G. L., Jr. 2001. General overview, Birds. Pages , in: J.H. Steele, S.A. Thorpe and K.K. Turekian (eds.) Encyclopedia of Ocean Sciences, vol. 5. Academic Press, London.
- Hunt, G.L., Jr. 2001. Seabird Population Dynamics. Pages , in: J.H. Steele, S.A. Thorpe and K.K. Turekian (eds.) Encyclopedia of Ocean Sciences, vol. 5. Academic Press, London.
- Ballance LT, D.G. Ainley and G.L. Hunt, Jr. 2001. Seabird Foraging Ecology. Pages 2636-2644, in: J.H. Steele, S.A. Thorpe and K.K. Turekian (eds.) Encyclopedia of Ocean Sciences, vol. 5. Academic Press, London.
- Committee to Review the Gulf of Alaska Ecosystem Monitoring Program. 2002,. A century of Ecosystem Science: Planning long-term research in the Gulf of Alaska. National Academy Press, Washington, D.C.
- Committee to Review Oil in the Sea. 2002. Oil in the Sea: Inputs, Fates and Effects. National Academy Press, Washington, D.C.

- Macklin, S. A. and G. L. Hunt, Jr. (Editors). 2004. The southeast Bering Sea ecosystem: Implications for marine resource management. (Final report: Southeast Bering Sea Carrying Capacity). NOAA Coastal Ocean Program Decision Analysis Series No. 24, Silver Spring MD 20910, 192 pp.
- Hunt, G.L., Jr., et al. 2003. Synthesis of research: A contemporary understanding of the southeast Bering Sea ecosystem. Pp 11-72, in: Macklin, S. A. and G. L. Hunt, Jr. (Eds.), The southeast Bering Sea ecosystem: Implications for marine resource management. (Final report: Southeast Bering Sea Carrying Capacity). NOAA Coastal Ocean Program Decision Analysis Series No. 24, Silver Spring MD 20910, 192 pp.
- Bering Ecosystem Study (BEST) Science Plan. 2004. Fairbanks, AK: Arctic Research Consortium of the U.S. ix, 82 pages
- BEST Science Steering Committee. 2005. Bering Ecosystem Study (BEST) Implementation Plan. 2005. Fairbanks, AK: Arctic Research Consortium of the U.S. iv, 39 pages.
- Hunt, G.L., Jr. and K. Drinkwater (Eds.) 2005. Ecosystem studies of Sub-Arctic seas (ESSAS) Science Plan. GLOBEC Report No. 19, viii, 60 pages.
- Hunt, G.L., Jr. and K. Drinkwater (Eds.) 2005. Background on the climatology, physical oceanography and ecosystems of the sub-arctic seas: Appendix to the ESSAS Science Plan. GLOBEC Report No. 20, viii, 96 pages.

2. Publications

- 23 Hunt, G.L. 1980. Mate selection and mating systems in seabirds: Pp. 118-151. In, H. Winn, B. Olla, and J. Burger, eds., Behavior of marine animals: Current perspectives in research: Marine Birds. Plenum Press.
- 24 Hunt, G.L., R. Pitman and H. Jones. 1980. The distribution and abundance of seabirds breeding in the California Channel Islands. Pp. 443-459. In, D. Power, Ed. Symposium on the California Islands. Santa Barbara Museum of Natural History.
- 25 Wingfield, J.C., A. Martin, M. Hunt, G.L. Hunt, and D. Farner. 1980. The origin of homosexual pairing in female Western Gulls (Larus occidentalis wymani) on Santa Barbara Island. Pp. 461-466. In, D. Power, Ed. Symposium on the California Islands. Santa Barbara Museum of Natural History.
- 26 Ewald, P.W., G.L. Hunt and M. Warner. 1980. Territory size in Western Gulls: Importance of intrusion pressure, defense investments and visibility. Ecology 61: 80-87.

- 27 Hunt, G.L., and J.L. Butler. 1980. Reproductive ecology of Western Gulls and Xantus' Murrelets with respect to food resources in the Southern California Bight. *CalCOFI Reports* 21: 62-67.
- 28 Hunt, G.L., J.C. Wingfield, A. Newman and D.S. Farner. 1980. Sex ratios of Western Gulls on Santa Barbara Island. *Auk* 97: 473-479.
- 29 Wingfield, J.C., A. Newman, G.L. Hunt and D.S. Farner. 1980. Androgen in high concentrations in the blood of female Western Gulls, Larus occidentalis. *Die Naturwissenschaften* 67: 514.
- 30 Hunt, G.L., B. Burgeson and G. Sanger. 1981. Feeding ecology of seabirds of the eastern Bering Sea. Pp. 629-647. In, D.W. Hood and J.A. Calder, eds. *The Bering Sea Shelf: Oceanography and Resources*. Office of Marine Pollution Assessment, NOAA. (Distributed by University of Washington Press, Seattle.)
- 31 Hunt, G.L., Z. Eppley, and W.H. Drury. 1981. Breeding distribution and reproductive biology of eastern Bering Sea marine birds. Pp. 649-687. In, D.W. Hood and J.A. Calder, eds. *The Bering Sea Shelf: Oceanography and Resources*. Office of Marine Pollution Assessment, NOAA. (Distributed by University of Washington Press, Seattle.)
- 32 Hunt, G.L., P. Gould, D.J. Forsell, and H. Peterson. 1981. Pelagic distribution of marine birds in the eastern Bering Sea. Pp. 689-718. In, D.W. Hood and J.A. Calder, eds. *The Bering Sea Shelf: Oceanography and Resources*. Office of Marine Pollution Assessment, NOAA. (Distributed by University of Washington Press, Seattle.)
- 33 Briggs, K.T., D.B. Lewis, W.B. Tyler and G.L. Hunt. 1981. The Brown Pelican in southern California waters: Habitat usage, population characteristics and environmental fluctuations. *Condor* 83: 1-15.
- 34 Hunt, G.L. 1981. Management of seabird resources in the Channel Islands National Monument, California. *Proc. 2nd Conf. Sci. Res. National Parks*. 12: 141-149.
- 35 Siegel-Causey, D. and G.L. Hunt. 1981. Colonial defense behavior in Double-crested and Pelagic Cormorants. *Auk* 98: 522-531.
- 36 Hand, J., G.L. Hunt and M. Warner. 1981. Thermal stress and predation: influences on the structure of a gull colony and possibly on breeding distributions. *Condor* 83: 193-203.
- 37 Wingfield, J.C., A.L. Newman, G.L. Hunt and D.S. Farner. 1981. Endocrine aspects of female-female pairing in the Western Gull (Larus occidentalis wymani). *Anim. Behav.* 30: 9-22.

- 38 Ford, R.G., J.A. Wiens, D. Heinemann and G.L. Hunt. 1982. Modeling the sensitivity of colonially breeding marine birds to oil perturbations: murre and kittiwake populations on the Pribilof Islands, Bering Sea. *J. Applied Ecology*. 19: 1-31.
- 39 Schneider, D. and G.L. Hunt. 1982. Carbon flux to seabirds in waters with different mixing regimes in the southeastern Bering Sea. *Mar. Biol.* 67: 337-344.
- 40 Murray, K.G., K. Winnett-Murray, Z. Eppley, G.L. Hunt and D. Schwartz. 1983. The breeding biology of Xantus' Murrelet (*Endomychura hypoleuca*). *Condor* 85: 12-21.
- 41 Kinder, T., G.L. Hunt, D. Schneider and J. Schumacher. 1983. Oceanic fronts around the Pribilof Islands, Alaska: Correlations with seabirds. *Estuarine, Coastal and Shelf Science* 16: 309-319.
- 42 Squibb, R.C. and G.L. Hunt. 1983. A comparison of nesting ledges used by seabirds on St. George Island. *Ecology* 64: 727-734.
- 43 Braun, B.M. and G.L. Hunt. 1983. Brood reduction in Black-legged Kittiwakes. *Auk* 100: 469-476.
- 44 Hunt, G.L. 1983. The distribution and abundance of marine birds in the Ross and Bellinghausen Seas. *Antarctic J. of the U.S.* 17(5): 179.
- 45 Hunt, G.L., A.L. Newman, M.H. Warner, J.C. Wingfield and J. Kaiwi. 1984. Comparative behavior of male-female and female-female pairs among Western Gulls prior to egg laying. *Condor* 86: 157-162.
- 46 Schneider, D. and G.L. Hunt. 1984. A comparison of seabird diets and foraging distribution around the Pribilof Islands, Alaska. Pp. 86-95. In, D. Nettleship, G. Sanger, and P. Springer (eds.), *Marine Birds: Their feeding ecology and commercial fisheries relationships*. Canadian Wildlife Service, Spec. Publ.
- 47 Conover, M.R. and G.L. Hunt. 1984. Experimental evidence that female-female pairs in gulls result from a shortage of breeding males. *Condor* 86: 472-476.
- 48 Hunt, G.L. and R.R. Veit. 1984. Marine bird distribution in Antarctic waters. *Antarctic J. of the U.S.* 18(5): 167-169.
- 49 Conover, M.R. and G.L. Hunt. 1984. Female-female pairing and sex ratios in gulls: An historical perspective. *Wilson Bull.* 96: 619-625.
- 50 Hunt, G.L. 1985. A preliminary comparison of marine bird biomass and food consumption between the southeastern Bering Sea and parts of the

Southern Ocean. Pp. 487-492. In, W.R. Siegfried, P.R. Condy and R.M. Laws (eds.) Proc. Fourth International Symposium on Antarctic Res. Wilderness, South Africa. Springer-Verlag.

- 51 Wittenberger, J.F. and G.L. Hunt. 1985. The adaptive significance of coloniality in birds. Pp. 1-78, In, D.S. Farner, J.R. King and K. Parkes (eds.) Avian Biology VIII, Academic Press.
- 52 Hunt, G.L., I. Everson, R.R. Veit and D.W. Heinemann. 1985. Distribution of marine birds and their prey in Bransfield Strait and southern Drake Passage. *Antarct. J. U.S.* 1985 Review: 166-168.
- 53 Schneider, D.C., G.L. Hunt and N.M. Harrison. 1986. Mass and energy transfer to seabirds in the southeastern Bering Sea. *Continental Shelf Research* 5: 241-257.
- 54 Siegel-Causey, D. and G.L. Hunt. 1986. Breeding site selection in Double-crested Cormorants. *Auk* 103: 230-234.
- 55 Hunt, G.L., Z. Eppley and D. Schneider. 1986. Reproductive performance of seabirds: the importance of population and colony size. *Auk* 103: 306-317.
- 56 Hunt, G.L., I. Everson, D. Heinemann and R.R. Viet. 1986. Distribution of krill, marine birds and Antarctic fur seals in the waters off the western end of South Georgia Island. *Antarc. J. U.S.* 1986 Review: 201-203.
- 57 Hunt, G.L. and D. Schneider. 1987. Scale dependent processes in the physical and biological environment of marine birds. Pp. 7-41. In, J. Croxall (ed.) *Seabirds: feeding biology and role in marine ecosystems*. Cambridge U. Press.
- 58 Schneider, D., G.L. Hunt and K.D. Powers. 1987. Energy flux to pelagic birds: A comparison of Bristol Bay and Georges Bank. Pp. 259-277. In, J. Croxall (ed.) *Seabirds: feeding biology and role in marine ecosystems*. Cambridge U. Press.
- 59 Sayce, J.R. and G.L. Hunt. 1987. Sex ratios of pre-fledging Western Gulls. *Auk* 104: 33-37.
- 60 Schneider, D., N. Harrison and G.L. Hunt. 1987. Variation in attendance at fronts by marine birds in the Bering Sea. *Estuarine, Coastal and Shelf Science* 25: 135-141.
- 61 Hunt, G.L. Jr. 1987. Offshore oil development and seabirds: The present status of knowledge and long-term research needs. Pp. 539-586 in D.F. Boesch and N.N. Rabalais eds. *Long-term environmental effects of offshore oil and gas development*. Elsevier Applied Science, New York.

- 62 Conover, M.R. and G.L. Hunt, Jr. 1988. Sex ratios of North American Gulls based on museum collections. *Colonial Waterbirds* 11:38-45.
- 63 Hunt, G.L., N.M. Harrison, W.M. Hamner and B.S. Obst. 1988. Observations of a mixed-species flock of birds foraging on euphausiids near St. Matthew Island, Bering Sea. *Auk* 105: 345-349.
- 64 Hunt, G.L. and D.N. Nettleship. 1988. Seabirds of high-latitude northern and southern environments. In: *Proc. 19th Int'l Ornithological Congress, Ottawa 1*: 1143-1155.
- 65 Hunt, G.L. and D.N. Nettleship. 1988. Reproductive biology of seabirds at high latitudes in two hemispheres: concluding remarks. In: *Proc. 19th Int'l Ornithological Congress, Ottawa 1*: 1218-1219.
- 66 Schneider, D.C., D.C. Duffy and G.L. Hunt. 1988. Cross-shelf gradients in the abundance of pelagic birds. In: *Proc. 19th Int'l Ornithological Congress, Ottawa 1*: 976-981.
- 67 Conover, M.R. and G.L. Hunt. 1989. Interpreting the sex ratios of gulls using museum specimens. *Colonial Waterbirds* 12: 132-133.
- 68 Heinemann, D., G.L. Hunt and I. Everson. 1989. The distribution of marine avian predators and their prey, *Euphausia superba* in Bransfield Strait and Southern Drake Passage, Antarctica. *Mar. Ecol. Progress Series* 58: 3-16.
- 69 Hunt, G.L. 1990. The distribution of seabirds at sea: physical and biological aspects of their marine environment. *Proc. Int'l. Centennial Meeting Deutsche Ornithologen Gesellschaft*. Pp. 167-171.
- 70 Hunt, G.L. 1990. The pelagic distribution of marine birds in a heterogeneous environment. *Polar Research* 8: 43-54.
- 71 Hunt, G.L., D. Heinemann, R.R. Veit, R.B. Heywood and I. Everson. 1990. The distribution, abundance and community structure of marine birds in southern Drake Passage and Bransfield Strait, Antarctica. *Continental Shelf Research* 10: 243-257.
- 72 Hunt, G.L. and N.M. Harrison. 1990. Foraging habitat and prey taken by Least Auklets at King Island, Alaska. *Mar. Ecol. Prog. Ser.* 65: 141-150.
- 73 Schneider, D.C., N.M. Harrison and G.L. Hunt. 1990. Seabird diet at a front near the Pribilof Islands, Alaska. *Studies in Avian Biol.* 14: 61-66.

- 74 Hunt, G.L., N.M. Harrison and T. Cooney. 1990. Foraging of Least Auklets: The influence of hydrographic structure and prey abundance. *Studies in Avian Biol.* 14: 7-22.
- 75 Obst, B.S., and G.L. Hunt. 1990. Foraging behavior of marine birds at gray whale mud-plumes in the Bering Sea. *Auk.* 107: 678-688.
- 76 Ainley, D.G. and G.L. Hunt. 1991. The status and conservation of seabirds in California. Pp. 103-114. In: J.P. Croxall (ed.), *Supplement to Status and Conservation of the World's Seabirds.* I.C.B.P. Girton, England.
- 77 Hunt, G.L. 1991. Marine ecology of seabirds in polar oceans. *Amer. Zool.* 31: 131-142.
- 78 Hunt, G.L. 1991. Marine birds and ice-influenced environments of polar oceans. *J. Marine Systems.* 2: 233-240.
- 79 Harrison, N.M., M.J. Whitehouse, D. Heinemann, P.D. Prince, G.L. Hunt and R.R. Veit. 1991. Observations of multispecies seabird flocks around South Georgia. *Auk* 108: 801-810.
- 80 Veit, R.R. and G.L. Hunt. 1991. Broadscale density and aggregation of pelagic birds from a circumnavigational survey of the Antarctic Ocean. *Auk* 108: 790-800.
- 81 Hunt, G.L., J. Piatt and K.E. Erikstad. 1991. How do foraging seabirds sample their environment? *Acta XX Congresses Internationalie Ornithologici:* 2272-2279.
- 82 Hunt, G.L., J. Priddle, M.J. Whitehouse, R.R. Veit, and R.B. Heywood. 1992. Changes in seabird species abundance near South Georgia during a period of rapid change in sea surface temperature. *Antarctic Sci.* 4:15-22.
- 83 Hunt, G.L. 1992. Occurrence of polar seabirds at sea in relation to prey concentrations and oceanographic factors. *Polar Research.* 10:553-559.
- 84 Coyle, K.O., G.L. Hunt, M.B. Decker and T.J. Weingartner. 1992. Murre foraging, epibenthic sound scattering and tidal advection over a shoal near St. George Island, Bering Sea. *Mar. Ecol. Prog. Ser.* 83:1-14.
- 85 Russell, R.W. and G.L. Hunt. 1992. Foraging in a fractal environment: spatial patterns in a marine predator-prey system. *J. Landscape Ecol.* 7:195-209.
- 86 Hunt, G.L., D. Heinemann, I. Everson. 1992. Distributions and predator-prey interactions of macaroni penguins, Antarctic fur seals and Antarctic krill near Bird Island, South Georgia. *Mar. Ecol. Prog. Series* 86:15-30.

- 87 Veit, R.R. and G.L. Hunt. 1992. The spatial dispersion of seabirds near the South Orkney Islands and the Weddell-Scotia confluence. *Polar Biology*. 11:637-641.
- 88 Elphick, C.S. and G.L. Hunt. 1993. Variations in the distributions of marine birds with water mass in the northern Bering Sea. *Condor*. 95:33-44.
- 89 Hunt, G.L., N.M. Harrison and J.F. Piatt. 1993. Foraging ecology as related to the distribution of planktivorous auklets in the Bering Sea. Pp. 18-26 In, Vermeer, K, K.T. Briggs, K.H. Morgan and D.C. Siegel-Causey (Eds.) *The Status, Ecology and Conservation Of Marine Birds of the North Pacific Ocean*. Can. Wildl. Ser. Spec. Publ., Ottawa.
- 90 Hatch, S.A., V. Byrd, Jr., D.B. Irons, and G.L. Hunt, Jr. 1993. Status and ecology of kittiwakes (*Rissa tridactyla* and *R. brevirostris*) in the North Pacific. Pp. 140-153 In, Vermeer, K, K.T. Briggs, K.H. Morgan and D.C. Siegel-Causey (Eds.) *The Status, Ecology and Conservation Of Marine Birds of the North Pacific Ocean*. Can. Wildl. Ser. Spec. Publ., Ottawa.
- 91 Hunt, G.L., J.P. Croxall and P. Trathan. 1993. Marine ornithology in the southern Drake Passage and Bransfield Strait during the BIOMASS programme. Pp. 231-245 In, S.Z. El-Sayed (Ed.) *Southern Ocean Ecology*. Cambridge U. Press.
- 92 Baretta, L. and G.L. Hunt. 1994. Changes in the numbers of cetaceans near the Pribilof Islands, Bering Sea, between 1975-78 and 1987-89. *Arctic* 47:321-326.
- 93 Obst, B.S., R.W. Russell, G.L. Hunt, Z.A. Eppley and N.M. Harrison. 1995. Foraging radii and energetics of least auklets (*Aethia pusilla*) breeding on three Bering Sea islands. *Physiol. Zool.* 68: 647-672.
- 94 Decker, M.B., G.L. Hunt, Jr., and G.V. Byrd, Jr. 1995. The relationships among sea surface temperature, the abundance of juvenile walleye pollock (*Theragra chalcogramma*), and the reproductive performance and diets of seabirds at the Pribilof islands, southeastern Bering Sea. Pp. 425-437 In R.J. Beamish (Ed.) *Climate change and northern fish populations*. Can. J. Fish and Aquatic Sci. 121: 425-437.
- 95 Hunt, G.L., Jr., M.B. Decker, and A.S. Kitaysky. 1996. Fluctuations in the Bering Sea Ecosystem as reflected in the reproductive ecology and diets of kittiwakes on the Pribilof Islands, 1975 to 1990. Pp. 142-153, in, S. Greenstreet and M. Tasker, Eds., *Aquatic Predators and Their Prey*. Blackwell, London.
- 96 Hunt, G.L., Jr., V. Bakken, and F. Mehlum. 1996. Marine birds in the marginal ice zone of the Barents Sea in late winter and spring. *Arctic*. 49: 53-61.

- 97 Mehlum, F., G.L. Hunt, Jr., Z. Klusek, M.B. Decker, and N. Nordland. 1996. The importance of prey aggregations to the distribution of Brünnich's guillemots in Størfjorden, Svalbard. *Polar Biol.* 16: 537-547.
- 98 Decker, M.B., and G.L. Hunt, Jr. 1996. Foraging by murre (*Uria* spp.) at the tidal front surrounding the Pribilof Islands, Alaska. *Mar. Ecol. Prog. Ser.* 139: 1-10.
99. Hunt, G.L., Jr., A.S. Kitaysky, M.B. Decker, D.E. Dragoo, and A.M. Springer. 1996. Changes in the distribution and size of juvenile walleye pollock as indicated by seabird diets at the Pribilof Islands and by bottom trawl surveys in the eastern Bering Sea. *NOAA Tech Report Ser.* 126: 133-147.
100. Hunt, G.L., Jr., K.O. Coyle, S. Hoffman, M.B. Decker, E.N. Flint. 1996. Foraging ecology of short-tailed shearwaters near the Pribilof Islands, Bering Sea. *Mar. Ecol. Prog. Ser.* 141: 1-11.
101. Hunt, G.L., Jr. and R.W. Furness, Eds. 1996. Seabird/Fish Interactions, with particular reference to Seabirds in the North Sea. *ICES Cooperative Research Report* 216. 88pp.
- 102 Hunt, G.L., Jr., R.T. Barrett, C. Joiris, and W. Montevecchi. 1996. Seabird/fish interactions: an introduction. Pp. 2-5 in Hunt, G.L., Jr. and R.W. Furness, Eds. 1996. Seabird/Fish Interactions, with particular reference to Seabirds in the North Sea. *ICES Cooperative Research Report* 216.
- 103 Hunt, G.L., Jr. 1997. Physics, zooplankton, and the distribution of least auklets in the Bering Sea - a review. *ICES J. Mar. Sci.* 34: 600-607.
- 104 Goss, C., D.G. Bone, J.M. Peck, I. Everson, G.L. Hunt, Jr., and A.W.A. Murray. 1997. Small-scale interactions between prions *Pachyptila* spp. and their zooplankton prey at an inshore site near Bird Island, South Georgia. *Mar. Ecol. Prog. Ser.* 154: 41-51.
- 105 Mehlum, F., Hunt, G.L. Jr., Decker, M.B., and Nordlund, N. 1998. Hydrographic features, cetaceans and the foraging of thick-billed murre and other marine birds in the northwestern Barents Sea. *Arctic* 51: 243-252.
- 106 Coyle, K.O., Weingartner, T.J., and Hunt, G.L., Jr. 1998. The distribution of acoustically determined biomass and major zooplankton taxa in the upper mixed layer relative to water masses in the western Aleutian Islands. *Mar. Ecol. Prog. Ser.* 165:95-108.
- 107 Hunt, G.L., Jr., Russell, R.W., Coyle, K.O., and Weingartner, T. 1998. Comparative foraging ecology of planktivorous auklets in relation to ocean physics and prey availability. *Mar. Ecol. Prog. Ser.* 167: 241-259.

- 108 Vance, T.C., Schumacher, J.D., Stabeno, P.J., Baier, C.T., Wyllie-Echeverria, T., Tynan, C.T., Brodeur, R.D., Napp, J.M., Coyle, K.O., Decker, M.B., Hunt, G.L., Jr., Stockwell, D., Whitlege, T.E., Jump, M., Zeeman, S. 1998. Aquamarine waters recorded for the first time in eastern Bering Sea. EOS, Trans. Amer. Geophys. Union 79: 121, 126.
109. Mehlum, F., Hunt, G.L., Jr., Klusek, Z, and Decker, M.B. (1999) Scale-dependent correlations between the abundance of Brünnich's Guillemots and their prey. J. Anim. Ecol. 68: 60-72.
110. Hunt, G.L., Jr., Byrd, G.V., Jr. (1999). Marine bird populations and the carrying capacity of the eastern Bering Sea. Pp.631-650 In, Loughlin, T. R., and K. Ohtani (eds.), Alaska Sea Grant Press, The Bering Sea: Physical, Chemical and Biological Dynamics. University of Alaska Sea Grant, Fairbanks.
111. Stabeno, P.J., Schumacher, J.D., Salo, S.A., Hunt, G.L., Jr., Flint, M. (1999). Physical environment around the Pribilof Islands. Pp. 193-215 In, Loughlin, T. R., and K. Ohtani (eds.), Alaska Sea Grant Press (Eds.), The Bering Sea: Physical, Chemical and Biological Dynamics. University of Alaska Sea Grant, Fairbanks.
112. Hunt, G.L., Jr., Mehlum, F., Russell, R.W., Irons, D., Decker, M.B., Becker, P.H. (1999). Physical processes, prey abundance, and the foraging ecology of seabirds. In: Adams, N.J. and Slotow, R. Eds. Proc. 22nd Int. Ornithol. Congr., Durban. Johannesburg: BirdLife South Africa, pp 2040-2056.
- 113 Hunt, G.L., Jr., Baduini, C.L., Brodeur, R.D., Coyle, K.O., Kachel, N.B., Napp, J.M., Salo, S.A., Schumacher, J.D., Stabeno, P.J., Stockwell, D.A., Whitlege, T.E., Zeeman, S.I. 1999. The Bering Sea in 1998: A second Consecutive Year of Extreme Weather-forced Anomalies. EOS, Trans. Amer. Geophys. Union. 80: 561, 565-566.
114. Russell, R.W., Harrison, N.M., and Hunt, G.L., Jr. 1999. Foraging at a front: hydrography, zooplankton and avian planktivory in the northern Bering Sea. Mar. Ecol. Prog. Ser. 182: 77-93.
115. Swartzman, G., Brodeur, R.D., Napp, J.M., Walsh, D., Hewitt, R., Demer, D., Hunt, G., Logerwell, E. 1999. Relating predator and prey spatial distributions in the Bering Sea using acoustic backscatter data. Canadian Journal of Fisheries and Aquatic Science 56 (supplement 1): 188-198.
116. Swartzman, G., Brodeur, R.D., Napp, J.M., Hunt, G., Demer, D., Hewitt, R. 1999. Spatial proximity of age-0 walleye pollock (*Theragra chalcogramma*) to zooplankton near the Pribilof Islands, Bering Sea, Alaska. ICES Journal of Marine Science 56: 545-560.

- 117 Coyle, K.O. and Hunt, G.L., Jr. 2000. Seasonal differences in the distribution, density and scale of zooplankton patches in the upper mixed layer near the western Aleutian Islands. *J. Plank. Biol. Ecol.*, 47: 31-42.
- 118 Swartzman, G, and Hunt, G.L., Jr. 2000. Spatial association between murre (*Uria* spp.), puffins (*Fratercula* spp.) and fish shoals near the Pribilof Islands, Alaska. *Mar. Ecol. Prog. Ser.*
- 119 Kitaysky, A.S., Hunt, G.L., Jr., Flint, E.N., Rubega, M.A., and Decker, M.B. 2000. Resource allocation in breeding seabirds: Responses to fluctuations in their food supply. *Mar. Ecol. Prog. Ser.* 206: 283-296.
120. Hunt, G.L. Jr., Kato, H., and McKinnell, S.M. [Eds.] 2000. Predation by marine birds and mammals in the subarctic North Pacific Ocean. PICES Scientific Report No. 14, 165 p.
121. Napp, J.M. and Hunt, G.L., Jr. 2001. Anomalous conditions in the southeastern Bering Sea, 1997: Linkages among climate, weather, ocean and biology. *Fish. Oceanogr.* 10: 61-68.
122. Stockwell, D.A., Whitley, T.E., Zeeman, S.I., Coyle, K.O., Napp, J.M., Brodeur, R.D., Pinchuk, A.I., and Hunt, G.L., Jr. 2001. Anomalous conditions in the southeastern Bering Sea in 1997: Nutrients, phytoplankton and zooplankton. *Fish. Oceanogr.* 10: 99-116.
123. Baduini, C.L., Hyrenbach, K.D., Coyle, K.O., Pinchuk, A., Mendenhall, V., and Hunt, G.L., Jr. 2001. Mass mortality of short-tailed shearwaters in the eastern Bering Sea during summer 1997. *Fish. Oceanogr.* 10: 117-130.
124. Lovvorn, J. R., Baduini, C.L., and Hunt, G.L., Jr. 2001. Modeling underwater visual and filter feeding by planktivorous shearwaters in unusual sea conditions. *Ecology* 82: 2342-2356.
125. Baduini, C.L., Lovvorn, J.R., & Hunt, G.L. Jr., 2001. Determining the nutritional condition of short-tailed shearwaters (*Puffinus tenuirostris*): implications for migratory flight ranges and starvation events. *Mar. Ecol. Prog. Ser.* 222: 265-277.
- 126 Hyrenbach, K.D., Baduini, C.L., and Hunt, G.L., Jr. 2001. Line transect estimates of Short-tailed Shearwater *Puffinus tenuirostris* mortality in the southeastern Bering Sea, 1997-1999. *Marine Ornithology* 29: 11-18.
127. Macklin, S.A., Hunt, G.L., Jr., Overland, J.E. 2002. Preface: Collaborative research on the pelagic ecosystem of the southeastern Bering Sea shelf. *Deep Sea Research Part II.* 49: 5813-5819.
128. Hunt, G.L., Jr., Stabeno, P., Walters, G., Sinclair, E., Brodeur, R.D., Napp, J.M.,

- Bond, N.A. 2002. Climate change and control of the southeastern Bering Sea pelagic ecosystem. *Deep Sea Research Part II*. 49: 5821-5853.
129. Kachel, N.B., Hunt, G.L., Jr., Salo, S.A., Schumacher, J.D., Stabeno, P.J., Whitley, T.E. 2002. Characteristics and variability of the inner front of the southeastern Bering Sea. *Deep Sea Research Part II*. 49: 5889-5909.
130. Hunt, G.L., Jr., Baduini, C., Jahncke, J. 2002. Diets of short-tailed shearwaters in the southeastern Bering Sea. *Deep Sea Research Part II*. 49: 6147-6156.
131. Stabeno, P.J., and Hunt, G.L., Jr. 2002. Overview of progress realized in the Inner Front and Southeast Bering Sea Carrying Capacity Programs. *Deep Sea Research Part II*. 49: 61-57-6168.
132. Hunt, G.L., Jr. and Stabeno, P.J. 2002. Climate change and control of energy flow in the southeastern Bering Sea. *Progress in Oceanography*. 55: 5-22.
133. Brodeur, R.D., Sugisaki, H., Hunt, G. L., Jr. 2002. Increases in jellyfish biomass in the Bering Sea: implications for the ecosystem. *Marine Ecology Progress Series* 233: 89-103.
134. Karnovsky, N.J., and Hunt, G.L., Jr. 2002. Estimation of carbon flux to dovekeys (*Alle alle*) in the North Water. *Deep-Sea Research Part II*. 49: 5117-5130.
135. Jahncke, J., Checkley, D., Hunt, G.L., Jr. 2004. Trends in carbon flux to seabirds in the Peruvian upwelling system: effects of wind and fisheries on population regulation. *Fisheries Oceanography* 13: 208-223.
136. Stabeno, P.J., G.L. Hunt, Jr., J. M. Napp, and J. D. Schumacher. In Press. Interdisciplinary ocean science of the Bering Sea continental shelf. *The Sea*, Vol 13 & 14:
137. Hunt, G.L., Jr., G.S. Drew, J. Jahncke and J.F. Piatt. 2005. Prey consumption and energy transfer by marine birds in the Gulf of Alaska. *Deep-Sea Research II* 52: 781-797.
138. Swartzman, G.L., A.G. Winter, K.O. Coyle, R.D. Brodeur, T. Buckley, L. Ciannelli, G.L. Hunt, Jr., J. Ianelli, and S.A. Macklin (2005). Relationship of age-0 pollock abundance and distribution around the Pribilof Islands with other shelf regions of the eastern Bering Sea. *Fisheries Research* 74: 273-287.
139. Stabeno, P.J. G.L. Hunt, Jr., and A. Macklin. 2005. Introduction to processes controlling variability in productivity and ecosystem structure of the Aleutian Archipelago. *Fisheries Oceanography* 14 (Suppl. 1): 1-2.
140. Ladd, C., G.L. Hunt, Jr., C. Mordy, S. Salo, and P. Stabeno. 2005. Marine

Environment of the Eastern and Central Aleutian Islands. *Fisheries Oceanography* 14 (Suppl. 1): 22- 38.

141. Mordy, C.A., P.J. Stabeno, C. Ladd, S. Zeeman, D.P. Wisegarver, and G. L. Hunt, Jr. 2005. Nutrients and primary production along the eastern Aleutian Island Archipelago. *Fisheries Oceanography* 14 (Suppl. 1): 55-76).
142. Ladd, C., J. Jahncke, G.L. Hunt, Jr., K.O. Coyle and P.J. Stabeno. 2005. Hydrographic features and seabird foraging in the Aleutian Passes. *Fisheries Oceanography*. 14 (Suppl. 1): 178-195.
143. Jahncke, J., K.O. Coyle and G.L. Hunt, Jr. 2005. Seabird distribution, abundance and diets in the central and eastern Aleutian Islands. *Fisheries Oceanography*. 14 (Suppl. 1): 160-177.
144. Vlietstra, L.S., K.O. Coyle, N.B. Kachel, and G.L. Hunt, Jr. 2005. Tidal front affects the size of prey used by a top marine predator. *Fisheries Oceanography* 14 (Suppl. 1): 196-211.
145. Hunt, G.L., and P.J. Stabeno. 2005. Oceanography and Ecology of the Aleutian Archipelago: Spatial and Temporal Variation. *Fisheries Oceanography* 14 (Suppl. 1): 292-306.
146. Hunt, G.L., Jr. and B.A. Megrey. 2005. Comparison of the Biophysical and Trophic Characteristics of the Bering and Barents Seas. *ICES Journal of Marine Science* 62: 1245-1255.
147. Jahncke, J., K.D. Hyrenbach, C.L. Baduini, KO. Coyle and G.L. Hunt, Jr. 2005. Distribution of foraging shearwaters with respect to the inner front of the southeastern Bering Sea. *Marine Ecology Progress Series*. 305: 219-233 2005.
148. Hunt, G.L., Jr., McKinnell, S. 2006. Interplay between top-down, bottom-up, and wasp-waist control in marine ecosystems. *Progress in Oceanography* 68: 115-124.
149. Baduini, C.L., G.L. Hunt, Jr., A.I. Pinchuk, and K.O. Coyle. 2006. Patterns in diet reveal foraging site fidelity of short-tailed shearwaters in the southeastern Bering Sea. *Marine Ecology Progress Series* 320: 279-292.
150. Hunt, G.L., Jr. 2006. Evidence for Bottom-up Control of Upper Trophic Level Marine Populations: Is it Scale-dependent? In: D. DeMaster and D. Doak (Eds.) *Whales, whaling and ocean ecosystems*. University of California Press. (In Press).

151. Hyrenbach, K.D., R.R. Veit, H. Weimerskirch, and G.L. Hunt, Jr. 2006. Seabird associations with mesoscale eddies: the subtropical Indian Ocean. *Marine Ecology Progress Series* 324: 271-279.
152. Trites, A.W., A.J. Miller, H.D.G. Maschner, M.A. Alexander, S.J. Bograd, J.A. Calder, A. Capotondi, K.O. Coyle, E. Di Lorenzo, B.P. Finney, E J. Gregr, C.E. Grosch, S.R. Hare, G.L. Hunt, Jr., J. Jahncke, N.B. Kachel, H-J. Kim, C. Ladd, N.J. Mantua, C. Marzban, W.Maslowski, R. Mendelssohn, D.J. Neilson, S.R. Okkonen, J.E. Overland, K.L. Reedy-Maschner, T.C. Royer, F.B. Schwing, J.X.L. Wang, and A.J. Winship. 2006. Bottom-Up Forcing and the Decline of Steller Sea Lions in Alaska: Assessing the Ocean Climate Hypothesis. *Fisheries Oceanography* (In Press).
153. Karnovsky, N.J., Hobson, K.A., Iverson, S., Hunt, G.L., Jr. and Spear, L.B. 2006. Seasonal changes in food habits of seabirds in the North Water Polynya: a multiple-indicator approach using stomach content, stable isotope and fatty acid analyses. *Mar. Ecol. Prog. Ser.* In Press.
154. Takahashi, A., Matsumoto^a, K., Hunt, G.L., Jr., Shultz, M.T., Kitaysky, A.S., Sato, K., Iida, K., and Watanuki, Y., 2007. Thick-billed murre use different diving behaviors in mixed and stratified waters. *Deep-Sea Research II*, In Press.