

CURRICULUM VITAE

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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
2004- University of Washington, Research Professor

HONORS:

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
2008 PRBO Conservation Science, Lifetime Achievement Award in Ecology

RESEARCH SUPPORT - Since 2000

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).
2001 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).
2001 Workshop to Assess Research Priorities in the Bering Sea. N.S.F. (1

- year).
- 2001 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. (3 years).
- 2007 BEST: Impacts of Sea-ice on the Hydrographic Structure, Nutrients, and Mesozooplankton over the Eastern Bering Sea Shelf. N.S.F. (1 year)
- 2008 US Liaison Activity for the international ESSAS Program. N.S.F. (3 years)
- 2009 Bering Sea Retrospective: Seabirds at-sea as indicators of spatial variability and temporal change. N.S.F. (2 years)
- 2011 Collaborative Research: Impact of sea-ice on bottom-up and top-down controls of crustacean zooplankton and the mediation of carbon and energy flow in the eastern Bering Sea. (Co-Principal Investigator)
- 2014 How does seabird distribution and abundance change with changing ecological conditions in the eastern Bering Sea NPRB (3 years)
- 2015 Collaborative Research: Resilience and adaptive capacity of arctic marine systems under a changing climate (RACArctic). Belmont Forum. (Co-Principal Investigator)

SCIENTIFIC SOCIETIES: Since 2010

AAAS (Fellow 1981), American Geophysical Union, American Society of Field Ornithologists, American Society of Limnology and Oceanography, American Ornithological Union (Fellow, 1991), Wilson Ornithological Society, Cooper Ornithological Society (council member, 1977-1980), Nuttall Ornithological Club, Oceanographic Society

PROFESSIONAL SERVICE - Since 2010

1. Editorial Boards: *Fisheries Science*, Review Editor, *Marine Ecology Progress Series*; Guest Editor, *Deep-Sea Research II*, *Ecological Applications*, Guest Editor, *ICES J. Marine Science*
2. Review for Journals, Publishers, and Government organizations: *Aquatic Biology*, *Arctic Biodiversity Assessment*, *Canadian J. Marine Science*, *Canadian J. Zoology*, *Continental Shelf Research*, *Current Biology*, *Deep-Sea Research I*, *Deep-Sea Research II*, *Ecology*, *Ecosystems*, *Estuarine, Shelf and Coastal Science*, *Fish and Fisheries*, *Fisheries Oceanography*, *Fisheries Science*, *Global Change Biology*, *ICES J. Marine Science*, *IPCC- AR5*, *IPCC Special Report on Oceans and Cryosphere under Climate Change*, *J.G.R. Oceans*, *J. Marine Systems.*, *J. Sea Research*, *Marine Biology*, *Marine Ecology*, *Marine Ecology Progress Series*, *Marine Mammal Science*, *Nature-Climate Change*, *Norwegian Polar Institute*, *Oecologia*, *The Open Ecology Journal*, *PlosONE*, *Polar Biology*, *PNAS*, *Proceedings of the Royal Society of Lond., Series B*, *Science*, *Science Advances*, *Progress in Oceanography*, *Puget Sound Partnership*, *USFWS*, *University of Chicago Press*.

3. Referee of Proposals: *National*: National Science Foundation, Antarctic Integrated System Science, ARCSEES, Biological Oceanography, International Research Fellows, LTREB program, North Pacific Research Board
International: Australian Marine Mammal Center; Natural Environment Research Council (U.K.); National Science Center of Poland, Netherlands, NOW Council for Earth and Life Sciences; Pollock Conservation Cooperative Research Center; Research Council of Norway, Center for Excellence Program; Research Council of Norway, Strategic Initiative Program.
4. Referee for Personnel Actions: NOAA, Alaska Fishery Science Center; Oregon State University, USGS; U. Alaska, Fairbanks, U. Hawaii, Norwegian Polar Institute, University of Victoria, University of Waterloo, Canada, Woods Hole Oceanographic Institution
5. Member, North Pacific Fishery Management Council, Scientific and Statistical committee, 2001 - present
- .5. Co-Chair, Science Steering Committee, Ecosystem Studies of Sub-Arctic Seas (ESSAS) 2005-2011
6. Member, North Pacific Research Board, Ecosystem Modeling Committee. 2007-2011.
7. Member, Response of Trophic Relationships to Climate Change in Sub-Arctic Seas. (TROPHARCH) Project, Center for Ecological and Evolutionary Synthesis, University of Oslo, Norway. 2009-2012
8. Member, Marine Ecosystems of Norway and the U.S. (MENU). 2008-2011
- .9. Member, Climate Change and the Cryosphere: Snow, Water, Ice, and Permafrost in the Arctic Program (SWIPA), writing group on biological effects for parts of Component 1: Arctic Sea Ice in a Changing Climate. 2009-2010.
10. Lead Author and Organizer, Chapter 5, Bering Sea, in PICES North Pacific Ecosystem Status Report, 2009-2010.
11. Member, Science Steering Committee, Ecosystem Studies of Sub-Arctic Seas (ESSAS) 2011-
12. Invited Participant, Northwest Straits Commission and SeaDoc Society "Forage Fish Needs Workshop" 2011
13. Invited participant in the BEST/BSIERP SAG/SAB meeting in Anchorage, AK, 2011.
14. Invited Participant NOAA AFSC Stock Assessment Workshop, 2011
15. Member, Scientific Advisory Committee, Alaska Sealife Center. 2012 – present
16. Member IWC Expert Panel to review the JARPN II whaling program (Yokohama).
17. Member, external Advisory Committee to NPRB for developing a new Science Plan. 2016-present
18. Member, IWC Expert Panel for review of the Proposed Japanese Research Plan for a New Scientific Whale Research Program in the western North Pacific (NEWREP-NP). 2017

PARTICIPATION IN SYMPOSIA and WORKSHOPS- Since 2010

- 2010 a. TROPHARCT (Response of trophic relationships to climate change in Sub-Arctic Seas) Workshop, 9-10 November, Oslo, Norway; presented an invited paper on Impacts of Climate Variability on the Bering Sea.
- b. IMBER IMBIZO, Crete Comparative Ecosystem and Biogeochemical Studies
- c. First World Seabird Conference, Victoria, B.C., Canada

- 2011 d. PICES North Pacific Marine Ecosystem Status Report Workshop
- 2011 a. Co-Convenor, ESSAS 2nd Open Science Meeting with Olafur Astthorsson, and Michio J. Kishi
- b. Chair, Local committee, ESSAS 2nd Open Science Meeting.
- c. Co-Chair Science Steering Committee, ESSAS 2nd Open Science Meeting
- 2012 a. Co-convened a Workshop at the PICES Annual Meeting in Hiroshima "The feasibility of updating prey consumption by marine birds, marine mammals, and large predatory fish in the PICES regions"
- b. Invited Participant TROPHARCT (Response of trophic relationships to climate change in Sub-Arctic Seas) Project Workshop, Center for Ecological and Evolutionary Synthesis, University of Oslo, Norway
- c. Invited Participant PICES / ESSAS Workshop on "Sub-Arctic - Arctic Interactions" PICES Annual Meeting, Hiroshima, Japan
- d. Invited Participant and Keynote Speaker, Comparative Ecodynamics in the Aleutian and Kuril Islands: A GHEA synthesis workshop.
- e. Invited participant, United States Coast Guard Academy, Workshop on Arctic Marine Ecosystems
- 2013 a. Invited Participant Office of Science and Technology, Executive Office of the President, Workshop to develop a conceptual model of the Arctic marine ecosystem.
- b. Invited Participant, ESSAS Annual Meeting, Hakodate, Japan, Polar Comparisons: Summary of a Workshop on the effects of climate change on advective fluxes in high latitude regions
- 2015 a. Co-chair and organizer, ESSAS Annual Science Meeting and Symposium on the Role of Ice in the Sea.
- b. Third Meeting of Scientific Experts on Fish Stocks in the Central Arctic Ocean, NOAA, NWFSC, Seattle.
- 2016 a. Invited Participant, RACArctic workshop, Hakodate, Japan
- 2017 a. Participant, RACArctic workshop, Juneau, Alaska
- b. Invited speaker, Continental Margins Workshop, Prague
- 2018 a. Participant, PICES Science Board Symposium
- b. Participant, RACArctic workshop, Tromso, Norway

INVITED LECTURES - Since 2010

- 2010 a. Puget Sound Anglers Association, Friday Harbor, WA.
- b. Duke University Marine Laboratory,
- c. Alaska Fisheries Science Center, FOCI group
- d. PICES North Pacific Marine Ecosystem Status Report Workshop
- e. IMBER / IMBIZO, Crete
- f. Friends of Friday Harbor Laboratory, Whitely Lecture
- g. Institute of Ocean Sciences, DFO, Canada
- h. PICES / ICES Symposium: Climate change: Effects on Fish and Fisheries, Workshop on Hotspots, Annual Meeting, Sendai, Japan.
- i. First World Seabird Conference, Victoria, B.C.
- 2012 a. University of Connecticut, Storrs.

- b. Scripps Institution of Oceanography
 - c. U.S. Coast Guard Academy
 - d. Comparative Ecodynamics in the Aleutian and Kuril Islands: A GHEA synthesis workshop, Seattle.
 - e. ICES Annual Meeting, Bergen, Norway
 - f. ASLO/AGU Ocean sciences Meeting
- 2013
- a. Nuttall Ornithological Club, Cambridge, MA.
 - b. University of South Florida, Distinguished Lecturer Series
 - c. Hokkaido University (2 talks)
 - d. University of Tokyo
 - e. Japan Agency for Marine-Earth Science and Technology (JAMSTEC)
 - f. Ecosystem Studies of Sub-Arctic Seas (ESSAS) Annual Meeting, Hakodate, Japan (2 talks)
- 2014
- a. Goodman Memorial Symposium, Montana State University, Bozemen, ID.
 - b. IMBER Open Science Meeting, Bergen, Norway
 - c. Bering Sea Project, Open Science Meeting, Honolulu, HI
- 2015
- a. Arctic Frontiers, Tromso, Norway
 - b. Arctic Forum, U. Washington Law School, Seattle, WA
- 2016
- a. RACArctic Workshop, Hakodate, Japan
 - b. Woods Hole Oceanographic Institution, Woods Hole MA
- 2017
- a. U.S. Coast Guard Academy
 - b. Yale University
 - c. University of New England
- 2018
- a. RACArctic Workshop, Tromso, Norway
 - b. Hokkaido University, Graduate School of Fisheries (3 talks)
 - c. Japan Agency for Marine-Earth Science and Technology
 - d. Hokkaido University, Institute of Arctic Studies
 - e. Tokyo University, Atmospheric and Oceanographic Institute
 - f. North Pacific Fishery Management Council, Ecosystem Symposium
- 2019
- a. Scripps Institution of Oceanography

CONTRIBUTED PAPERS - Since 2010

- 2010
- a. Alaska Marine Science Symposium, oral presentation with S. Zador and J. Ianelli, on Fur Seal declines at the Pribilof Islands
 - b. ASLO/AGU, Ocean Science meeting, Portland, 2 oral presentations.
 - c. ESSAS Annual Meeting, Reykjavik, Iceland
 - d. PICES Annual Meeting, Sendai, Japan.
- 2011
- a. PICES Annual Meeting, Khababarovsk, Russia

- 2012 a. Second International Symposium on “Effects of Climate Change on the World’s Oceans”, Yeosu, Korea (2 talks)
- b. ICES Annual Meeting, Bergen, Norway
- c. PICES Annual Meeting, Hiroshima, Japan (2 talks)
- 2013 a. Ecosystem Studies of Sub-Arctic Seas (ESSAS), Annual Meeting
- b. Alaska Marine Science Symposium
- c. Pacific Seabird Group, Annual Meeting
- d. Wakefield Symposium
- 2014 a. Ocean Sciences Meeting
- b. Ecosystem Studies of Sub-Arctic Seas (ESSAS), Annual Meeting
- 2016 a. PICES Annual Meeting, San Diego, CA. (three talks)
- 2017 a. ESSAS Open Science Meeting, Tromso, Norway
- b. Arctic Science Summit Week, Prague, Czech Republic

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 2000

1. Administrative and Technical Reports (Since 2000)

- 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 since 2000

- 117 Coyle, K.O., 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. *Journal of Plankton Biology and Ecology* 47: 31-42.
- 118 Swartzman, G.L., Hunt, G.L., Jr. 2000. Spatial association between murre (*Uria* spp.), puffins (*Fratercula* spp.) and fish shoals near the Pribilof Islands, Alaska. *Marine Ecology Progress Series* 206: 297-309.
- 119 Kitaysky, A.S., Hunt, G.L., Jr., Flint, E.N., Rubega, M.A., Decker, M.B. 2000. Resource allocation in breeding seabirds: Responses to fluctuations in their food supply. *Marine Ecology Progress Series* 206: 283-296.
- 120 Hunt, G.L. Jr., Kato, H., 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., Hunt, G.L., Jr. 2001. Anomalous conditions in the southeastern Bering Sea, 1997: Linkages among climate, weather, ocean and biology. *Fisheries Oceanography* 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., Hunt, G.L., Jr. 2001. Anomalous conditions in the southeastern Bering Sea in 1997: Nutrients, phytoplankton and zooplankton. *Fisheries Oceanography* 10: 99-116.
- 123 Baduini, C.L., Hyrenbach, K.D., Coyle, K.O., Pinchuk, A., Mendenhall, V., Hunt, G.L., Jr. 2001. Mass mortality of short-tailed shearwaters in the eastern Bering Sea during summer 1997. *Fisheries Oceanography* 10: 117-130.
- 124 Lovvorn, J. R., Baduini, C.L., 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. *Marine Ecology Progress Series*. 222: 265-277.

- 126 Hyrenbach, K.D., Baduini, C.L., Hunt, G.L., Jr. 2001. Line transect estimates of Short-tailed Shearwater *Puffinus tenuirostris* mortality in the south-eastern 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., 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., 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., 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 Coleman JM, Baker J, Cooper C, et al. 2002. Oil in the sea: Inputs, fates, and effects, 2002. National Research Council. National Academy Press, Washington, DC . *Spill Science and Technology Bulletin* 7 (5-6): 197-199.
- 136 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.
- 137 Hunt, G.L., Jr., Drew, G.S., Jahncke, J., Piatt, J.F. 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., Winter, A.G., Coyle, K.O., Brodeur, R.D., Buckley, T., Ciannelli, L., Hunt, G.L., Jr., Ianelli, J., Macklin, S.A. 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. Hunt, G.L., Jr., Macklin, A. 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., Hunt, G.L., Jr., Mordy, C., Salo, S., Stabeno, P.J. 2005. Marine Environment of the Eastern and Central Aleutian Islands. *Fisheries Oceanography* 14 (Suppl. 1): 22- 38.
- 141 Mordy, C.A., Stabeno, P.J., Ladd, C., Zeeman, S., Wisegarver, D.P., Hunt, G.L., Jr. 2005. Nutrients and primary production along the eastern Aleutian Island Archipelago. *Fisheries Oceanography* 14 (Suppl. 1): 55-76).
- 142 Ladd, C., Jahncke, J., Hunt, G.L., Jr., Coyle, K.O., Stabeno, P.J. 2005. Hydrographic features and seabird foraging in the Aleutian Passes. *Fisheries Oceanography* 14 (Suppl. 1): 178-195.
- 143 Jahncke, J., Coyle, K.O., G.L. Hunt, G.L., 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., Coyle, K.O., Kachel, N.B., G.L. Hunt, G.L., 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., Stabeno, P.J. 2005. Oceanography and Ecology of the Aleutian Archipelago: Spatial and Temporal Variation. *Fisheries Oceanography* 14 (Suppl. 1): 292-306.
- 146 Hunt, G.L., Jr., Megrey, B.A. 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., Hyrenbach, K.D., Baduini, C.L., Coyle, K.O., Hunt, G.L., Jr. 2005. Distribution of foraging shearwaters with respect to the inner front of the southeastern Bering Sea. *Marine Ecology Progress Series*. 305: 219-233.
- 148 Karnovsky, N.J., Spear, L.B., Carter, H.R., Ainley, D.G., K.D. Amey, K.D., Ballance, L.T., Briggs, K.T., Ford, R.G., Hunt, G.L., Jr., Keiper, C., J.W. Mason, J.W., Morgan, K.H., Pitman, R.L., Tynan, C.T. 2005. At-sea distribution, abundance and habitat affinities of Xantus's Murrelets. *Marine Ornithology* 33: 89-104.
- 149 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.

- 150 Baduini, C.L., Hunt, G.L., Jr., Pinchuk, A.I., Coyle, K.O. 2006. Patterns in diet reveal foraging site fidelity of short-tailed shearwaters in the southeastern Bering Sea. *Marine Ecology Progress Series* 320: 279-292.
- 151 Hunt, G.L., Jr. 2006. Evidence for Bottom-up Control of Upper Trophic Level Marine Populations: Is it Scale-dependent? Pp. 50-64, In: J.A. Estes, D. DeMaster, D. Doak, T.M. Williams and R.L. Brownell, Jr., (Eds.) *Whales, whaling and ocean ecosystems*. University of California Press.
- 152 Stabeno, P.J., Hunt, G.L., Jr., Napp, J.M., Schumacher, J.D. 2006. Interdisciplinary ocean science of the Bering Sea continental shelf. *The Sea*, Vol 13 & 14: 1177-1212
- 153 Hyrenbach, K.D., Veit, R.R., Weimerskirch, H., Hunt, G.L., Jr. 2006. Seabird associations with mesoscale eddies: the subtropical Indian Ocean. *Marine Ecology Progress Series* 324: 271-279.
- 154 Trites, A.W., Miller, A.,J., Maschner, H.D.G., Alexander, M.A., Bograd, S.J., Calder, J.A., Capotondi, A., Coyle, K.O., Di Lorenzo, E., Finney, B.P., Gregr, E.J., Grosch, C.E., Hare, S.R., Hunt, G.L., Jr., Jahncke, J.J., Kachel, N.B., Kim, H-J., Ladd, C., Mantua, N.J., Marzban, C., Maslowski, W., Mendelssohn, R., Neilson, D.J., Okkonen, S.R., Overland, J.E., Reedy-Maschner, K.L., Royer, T.C., Schwing, F.B., Wang, J.X.L., Winship, A.J. 2006. Bottom-Up Forcing and the decline of Steller Sea Lions in Alaska: Assessing the Ocean Climate Hypothesis. *Fisheries Oceanography* 16: 46-67.
- 155 Hyrenbach, K.D., Veit, R.R., Weimerskirch, H., Metzl, N., Hunt, G.L., Jr. 2007. Community structure across a large-scale ocean productivity gradient: Marine bird assemblages of the Southern Indian. *Deep Sea Research I* 54: 1129-1145.
- 156 Jahncke, J., Vlietstra, L.S., Decker, M.B., Hunt, G.L., Jr. 2008. At-sea distributions of marine birds around the Pribilof Islands: a multi-year comparison of temporal and spatial trends. *Deep-Sea Research II* 55: 1809-1826.
- 157 Takahashi, A., Matsumoto, K., Hunt, G.L., Jr., Shultz, M.T., Kitaysky, A.S., Sato, K., Iida, K., Watanuki, Y. 2008. Thick-billed murre use different diving behaviors in mixed and stratified waters. *Deep-Sea Research II* 55: 1837-1845.
- 158 Sinclair, E.H., Vlietstra, L.S., Johnson, D.S., Zeppelin, T.K., Byrd, G.V., Springer, A.M., Ream, R.R., Hunt, G.L., Jr. 2008. Patterns in prey use among fur seals and seabirds in the Pribilof Islands. *Deep-Sea Research II* 55: 1897-1918.
- 159 Karnovsky, N.J., Hobson, K.A., Iverson, S., Hunt, G.L., Jr., Spear, L.B. 2008. 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. *Marine Ecology Progress Series* 357: 291-299.

- 160 Renner, M., Hunt, G.L., Jr., Piatt, J.F., Byrd, G.V. 2008. Seasonal distribution patterns of seabirds along the Aleutian Islands. *Marine Ecology Progress Series* 357: 301-311.
- 161 Hunt, G.L., Jr., Stabeno, P.J., Strom, S., Napp, J.M. 2008. Patterns of spatial and temporal variation in the marine ecosystem of the southeastern Bering Sea, with special reference to the Pribilof Domain. *Deep-Sea Research II* 55: 1919-1944.
- 162 Brodeur, R.D., Decker, M.B., Ciannelli, L., Purcell, J.E., Bond, N.A., Stabeno, P.J., Acuna, E., Hunt, G.L., Jr. 2008. Rise and fall of jellyfish in the eastern Bering Sea in relation to climate regime shifts. *Progress in Oceanography* 77: 103-111.
- 163 Karnovsky, N.J., Hobson, K.A., Brown, Z.W., Hunt, G.L., Jr. 2009. Distribution and diet of Ivory Gulls (*Pagophyla eburnea*) in the North Water Polynya. *Arctic* 65: 65-74.
- 164 Drinkwater, K.F., Mueter, F., Friedland, K., Taylor, M., Hunt, G.L., Jr., Hare, J., Melle, W. 2009. Recent climate forcing and physical oceanographic changes in Northern Hemisphere regions: A review and comparison of four marine ecosystems. *Progress in Oceanography* 81: 10-28.
- 165 Mueter, F.J., Broms, C., Drinkwater, K.F., Friedland, K.D., Hare, J.A., Hunt, G.L., Jr., Melle, W., Taylor, M. 2009. Ecosystem responses to recent oceanographic variability in high-latitude Northern Hemisphere ecosystems. *Progress in Oceanography* 81: 93-110.
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