CRABS IN COLD WATER REGIONS:
BIOLOGY, MANAGEMENT, AND ECONOMICS


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Sea Grant is a unique partnership with public and private sectors combining research, education, and technology transfer for public service. This national network of universities meets changing environmental and economic needs of people in our coastal, ocean, and Great Lakes regions.
About the Symposium

Crab is one of the world's most valuable marine consumables, especially to Alaska. So it is not surprising that the topic of crab has been addressed more often than any other by the Lowell Wakefield Symposium series, each time at the request of resource managers and researchers. Crab2001, Crabs in Cold Water Regions: Biology, Management, and Economics, held January 17-20, 2001 in Anchorage, Alaska, was the sixth crab symposium in the series (1982, 1984, 1985, 1989, 1995, and 2001). The year for the Crab2001 symposium had been "selected" six years earlier by participants at the 1995 Wakefield symposium on high latitude crabs.

The symposium was organized and coordinated by Brenda Baxter, University of Alaska Sea Grant Program, with the assistance of the organizing committee. Committee members are: Earl Dawe, Department of Fisheries and Oceans, Canada; Glen Jamieson, Department of Fisheries and Oceans, Canada; Gordon Kruse, University of Alaska Fairbanks, School of Fisheries and Ocean Sciences (formerly of Alaska Department of Fish and Game); Bob Otto, U.S. National Marine Fisheries Service, Alaska Fisheries Science Center; A.J. Paul, University of Alaska Fairbanks, Institute of Marine Science; and Dave Witherell, North Pacific Fishery Management Council.

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The Lowell Wakefield Symposium Series

The University of Alaska Sea Grant College Program has been sponsoring and coordinating the Lowell Wakefield Fisheries Symposium series since 1982. These meetings are a forum for information exchange in biology, management, economics, and processing of various fish species and complexes as well as an opportunity for scientists from high latitude countries to meet informally and discuss their work.

Lowell Wakefield was the founder of the Alaska king crab industry. He recognized two major ingredients necessary for the king crab fishery to survive—ensuring that a quality product be made available to the consumer, and that a viable fishery can be maintained only through sound management practices based on the best scientific data available. Lowell Wakefield and Wakefield Seafoods played important roles in the development and implementation of quality control legislation, in the preparation of fishing regulations for Alaska waters, and in drafting international
agreements for the high seas. Toward the end of his life, Lowell Wakefield joined the faculty of the University of Alaska as an adjunct professor of fisheries where he influenced the early directions of the university’s Sea Grant Program. This symposium series is named in honor of Lowell Wakefield and his many contributions to Alaska’s fisheries. Three Wakefield symposia are planned for 2003-2005.

Proceedings Acknowledgments

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The first two papers, by T.C. Shirley and B.G. Stevens, and the last, by S.D. Zaklan, were not presented at the symposium; the editors chose to include them in the book. Thanks go to the authors of all 53 contributions.


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