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Bibliography Steller Sea Lion (*Eumetopias jubatus*)

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Steller sea lion (Eumetopias jubatus)

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PREFACE

On 5 April 1990, the National Marine Fisheries Service (NMFS) published an emergency rule listing the Steller sea lion (Eumetopias jubatus) as a threatened species under provisions of the Endangered Species Act (ESA). This action resulted from a petition which requested that Steller sea lions be designated as an endangered species. A protective listing was deemed appropriate because of the rapid decline in sea lion abundance throughout most of Alaska.

Section 4(f) of the ESA requires that recovery plans be developed for endangered and threatened species unless the appropriate Secretary finds that such a plan will not promote conservation of the species. Each plan must incorporate: (1) a description of site-specific management actions that may be necessary to achieve goals for conservation and survival of the species; (2) objective measurable criteria that can be used to determine whether a species can be removed from the list; and (3) estimates of time and cost for carrying out actions needed to achieve the plan's goal.

The NMFS determined that a recovery plan would promote the conservation of the Steller sea lion. The final plan was published in December 1992 by the Steller Sea Lion Recovery Team at the request of the Assistant Administrator for Fisheries, NMFS. The Recovery Plan¹ identifies the specific management actions that must be taken to ensure that the Steller sea lion recovers to the point that it can be removed from the ESA listing. Like the situation with many other species where the problems and necessary remedial actions can be clearly identified, the factors that have caused the decline in the Steller sea lion population are poorly known. The plan recommends continuation of ongoing research and development of new programs designed to improve our understanding of sea lion management needs.

One of the first steps to answering questions regarding the status of the Steller sea lion was to compile a comprehensive bibliography of available literature. This bibliography represents a first attempt to collect all available literature on Steller sea lions. Citations include unpublished reports from State and Federal agencies, "popular literature", trade and industry journals, and newspapers. Russian and Japanese citations are also included with accompanying translation and availability information.

Most citations were obtained by cross-referencing literature cited sections of scientific publications. Other sources

¹National Marine Fisheries Service. 1992. Recovery plan for the Steller sea lion (Eumetopias jubatus). Prepared by the Steller sea lion Recovery Team. Report to the National Marine Fisheries Service, 1335 East-West Highway, Silver Spring MD 20910.

included computer searches utilizing bibliographic databases, specifically Aquatic Sciences and Fisheries Abstracts. Personal reprint files were especially helpful, as were personal communications and recommendations from the staff of the National Marine Mammal Laboratory, Seattle.

This bibliography specifically addresses those references that mention Steller sea lions and scientific or common names of Steller sea lions (i.e, Eumetopias jubatus or northern sea lion). References relating exclusively to other otariids are not included.

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