## UNITED STATES DEPARTMENT OF THE INTERIOR STEWART L. UDALL, SECRETARY

Stanley A. Cain, Assistant Secretary for Fish and Wildlife Fish and Wildlife Service, Clarence F. Pautzke, Commissioner Bureau of Sport Fisheries and Wildlife, John S. Gottschalk, Director

## **BIBLIOGRAPHY OF THE**

## ARCTIC GRAYLING, THYMALLUS ARCTICUS,

## OF NORTH AMERICA

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Bibliographies of individual species become more convenient and more necessary as the amount of fishery literature increases. For a declining species such as the Arctic grayling, the bulk of the literature is in older works. Bibliographic references to these articles are widely scattered and many are difficult to locate; few are listed in modern fishery bibliographic sources.

The bibliography includes only a few major European and Asian references. Many of the early American articles are what would now be considered semipopular. In the past, the works of many competent and outstanding ichthyologists were published in such periodicals and books; these have therefore been included.

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