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A BIBLIOGRAPHY OF THE ARCTIC CHARR,
Salvelinus alpinus (L.) COMPLEX:
1981 THROUGH 1984

by

K.E. Marshall and M. Layton

Western Region

Department of Fisheries and Oceans

Winnipeg, Manitoba R3T 2N6

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ABSTRACT

MARSHALL, K.E., and M. LAYTON 1985 A bibliography of the Arctic charr, Salvelinus alpinus (L.) complex: 1981 through 1984. Can. Tech. Rep. Fish. Aquat. Sci. 1345: iv + 16 p.

Lists references published between 1981 and 1984. In addition to Arctic charr, Salvelinus alpinus (Linnaeus), of North America and Europe, the bibliography covers the other closely related taxa inhabiting the waters of Russia and Japan, including the Dolly Varden, S. malma (Walbaum) and white-spotted char, S. leucomaenis (Pallas). The bibliography proper is in alphabetical order by author. Taxonomic, geographic and subject indices are provided.

Key words: bibliographies; Dolly Varden; Salmo alpinus.

RESUME

MARSHALL, K.E., and M. LAYTON. 1985 A bibliography of the Arctic charr, Salvelinus alpinus (L.) complex: 1981 through 1984. Can. Tech. Rep. Fish. Aquat. Sci. 1345: iv + 16 p.

Comprend ouvrages publiés depuis 1981 jusqu'à 1984. L'auteur répertorie non seulement les ouvrages relatifs à l'omble chevalier, Salvelinus alpinus (Linnaeus), mais aussi ceux portant sur les espèces apparentées qui vivent dans les eaux de la Russie et du Japon, y compris la Dolly Varden, S. malma (Walbaum) et l'omble, Salvelinus leucomaenis (Pallas). La bibliographie elle-même est en ordre alphabétique selon les auteurs. Elle contient également des index taxinomiques et géographiques et un index des sujets.

Mots-clés: bibliographies; Dolly Varden; Salmo alpinus.

INTRODUCTION

In 1981 a revised bibliography on the Arctic charr was published as Technical Report 1004; it included those references from Technical Report 621 (1977).

This bibliography is an update of Technical Report 1004. Most of the references in this report were published during the period 1981 through 1984. There are some references dated prior to 1981 which were not included in Technical Report 1004.

Since Technical Report 1004 was published, new references have been obtained from a profile search for Salvelinus on the CAN/SDI Service. Computer searches on a variety of data bases have also been made and some additional references have been obtained.

Where possible the original reference has been checked for accuracy but, as all were not available, there may be some errors in citation.

FORMAT

The format adopted is similar to that used in Technical Report 1004. The references in this bibliography have not been numbered as in the previous reports, therefore the citations in the taxonomic, geographic and subject indexes are to author and year rather than to number.

The bibliography is divided into four sections:

1. Author Index

References are listed in alphabetical order by author. Works by the same author are arranged by year of publication, the oldest being listed first. Papers written in cooperation with others are listed after those by the senior author alone in alphabetical order by second author. There are no cross references from junior authors.

This index is the bibliography proper. As far as possible the title of the paper in the language in which it is written is given following the year of publication. If this title is enclosed in brackets [], this title is not given in the original work. A title enclosed in parentheses is taken from the publication (or its translation) but is in a language, usually English, other than that in which the original paper is written. Russian titles have been transliterated. Japanese titles have been translated, using the title in English from the original journal when this is available. Accents and other diacritical marks have been omitted.

Abbreviations for journals have been made according to the Serial Sources for the BIOSIS Data Base Volume 1983. Those journals not listed in this work have been abbreviated following the same format except in those cases where it has not been possible to identify for certain the full title of the journal in question. In this case, the abbreviation has been given in the form found.

2. Taxonomic Index

This lists, in alphabetical order, the various subgeneric taxa which have been used by authors for fish from the complex. No distinction has been made as to the status ascribed to that taxon by an author.

3. Geographic Index

This index identifies the geographic areas, when this is of significance, covered by the reference. The two main divisions are into the Palaearctic and Neoarctic Regions. Each region is broken down into countries. The larger countries may be subdivided into States, Provinces or other subdivisions. References are only listed under the most specific heading.

4. Subject Index

The subject headings chosen are not taken from any standard thesaurus. The headings in this report are similar to those used in Technical Report 1004.

As many of the references have not been seen in the original, the indexing has been based on the information given by the citing source. It is, therefore, probably that in some cases, information is present in some papers on subjects not indicated in these indexes.

NOTES ON USING THE INDICES

For the benefit of those not familiar with the type of index provided, these notes may be of some help.

To locate references on the reproduction of charr in England, for example, compare the list of references under the heading "England" in the geographic index with those under "reproduction" in the subject index. Those references which occur in both lists are potentially relevant references. To find the full bibliographic details look up the reference in the author index.

CONCLUSION

This bibliography, as with all others, cannot be complete. Further updates will be issued as further references are collected. It would be much appreciated if authors would forward details of any references that have not been included as well as any corrected references to the following address:

K. E. Marshall
Head, Scientific Information Services and
Library
Freshwater Institute Library
501 University Crescent
Winnipeg, Manitoba, Canada R3T 2N6

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