NOTICE

Recent Advances in Understanding Recruitment in Marine Fishes of the Northwest Atlantic with Particular Emphasis on Georges Bank Herring and Flemish Cap Cod and Redfish Stocks

Special Session of the Scientific Council on Recruitment Studies Dartmouth, Nova Scotia, Canada, 3-5 September 1986

Specific Topics

- 1. Brief synopsis of research to date and current knowledge of recruitment process for selected stocks (one invited paper for each region)
- 2. Evaluation of sampling methods with major focus on first year life stages
 - Sampling designs, gear and its efficiency relative to behavior
 - Methods of collection and processing samples, measurement conventions
 - c) Ageing methods and their accuracy
- 3. Estimation of key biological aspects of the recruitment process (focus on interannual variations)
 - a) Fecundity and spawning
 - b) Distribution and dispersal (eggs, larvae, juveniles)
 - c) Abundance at age/size (accuracy of growth and mortality rates)
 - d) Recruitment and spawning stock estimates and their accuracy
- Examination of recruitment variability vs potential controlling factors
 - Patterns of physical environment vs spawning and recruitment events
 - b) Possible biological factors (time series recruitment vs food, predators, spawning stock, disease, parasites)
- Critique of hypotheses on factors controlling recruitment variability and implications for future research.

Deadlines

Authors are requested to send titles and brief descriptions of their potential contribution to the Convener by 1 March 1986. Papers will be selected on the basis of their relevance to the topics indicated above. Authors of selected contributions will be informed by 15 April 1986.

Completed manuscripts (typescript or good quality photocopy) must arrive at the NAFO Secretariat for mimeographing by 20 August 1986, addressed to Assistant Executive Secretary, Northwest Atlantic Fisheries Organization, Bedford Institute of Oceanography, P. O. Box 638, Dartmouth, Nova Scotia, Canada, B2Y 3Y9.

Publication

Publication in the Journal of Northwest Atlantic Fishery Science or NAFO Scientific Council Studies will depend on the nature and quality of individual contributions.

Convener

Further information may be obtained from the NAFO Secretariat or from the Convener:

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NOTICE

Biology of Demersal Resources of the North Atlantic Continental Slopes, with Emphasis on Greenland Halibut and Grenadiers

Special Session in September 1987

This theme was chosen by the Scientific Council of NAFO for a 3-day session in advance of the 1987 Annual Meeting. Details of organizational arrangements, including time and place, outline of topics to be covered, and deadlines for the submission of abstracts and completed manuscripts will be finalized at the September 1986 Meeting of the Scientific Council.

Information for Authors in Preparing Manuscripts for NAFO Scientific Publications

General Guidelines

The manuscript should be typed in English on white paper, preferably 21.5×28 cm(8.5×11 in.), on one side only. All typing should be double-spaced with at least 2.5 cm margins around the page. Avoid breaking words at the end of lines. Number all pages, including the title page, consecutively with arabic numbers in the center of the top margin. The sequence of the material should be: title page, abstract, text, references, tables, captions for figures, and figures.

Content of Manuscript

Title page

This page should contain the title, followed by the name(s) and address(es) of the author(s) including professional affiliation, and any related footnotes. Limit the title to what is documented in the manuscript, and keep it as concise as possible.

Abstract

An informative abstract must be provided, which does not exceed one double-spaced page or about 250 words, the ultimate length being dependent on the size of the manuscript. The abstract should concisely indicate the content and emphasis of the paper. It should begin with the main conclusion from the study and be supported by statements of relevant findings. It is important that the abstract accurately reflect the paper's contents, because it is often separated from the main body of the paper by abstracting and indexing services.

Text

In general, the text should be organized into Introduction, Materials and Methods, Results, Discussion, Acknowledgements and References. Authors should be guided by the organization of papers that have been published in the NAFO Journal or Studies and by such authorities as the Council of Biological Editors Style Manual (CBE, 9650 Rockville Pike, Bethesda, MD 20814, USA). The Introduction should be limited to the purpose and rationale of the study, with literature review and other information limited to what is needed to define the problem. The Materials and Methods should provide the framework for obtaining answers to the problems which concern the purpose of the study. The Results should answer the questions evolving from the purpose of the study in a comprehensive manner, avoiding any confusion between facts and inferences and the restatment of table and figure captions in the text. The Discussion should give the main contributions from the study, with appropriate interpretaton and comparison with those of other authors. Speculation should be limited to what can be supported with reasonable evidence. In the case of short papers, it is often useful to combine Results and Discussion to avoid repetition. Acknowledgements should be limited to the names of individuals who provided significant scientific and technical support, including reviews, during the preparation of the manuscript, and the names of agencies which provided financial support.

Mathematical equations and formulae must be accurately stated, with clear definitions of the various letters and symbols. If logarithmic expressions are used, the type of function (base 10 or natural logarithms) must be clearly indicated in the text or by appropriate symbols ("log₁₀" or "log" for ordinary logarithms, and "log_e" or "ln" for natural logarithms).

References

Good judgment should be used in the selection of references, which must be restricted largely to significant published literature. References to unpublished data and documents, manuscripts in preparation, and manuscripts submitted to other journals (if not yet accepted for a particular issue) must not be cited in the list of references but may be noted in the text as unpublished data or personal communications (with full mailing address of the authors). Citation of meeting documents which have limited circulation should be avoided whenever possible, except when such documents contain significant new findings for which no other published sources of the information exist.

Literature references cited in the text must be by author's surname and year of publication, e.g. (Collins, 1960). The surnames of two authors may be used in a citation, but, if more than two authors are involved the citation should be (Collins et al., 1960). The citation of mimeographed manuscript reports and meeting documents should contain the abbreviation "MS", e.g. (Collins et al., MS 1960). All papers referred to in the text must be cited in the References alphabetically by the author's surname and initials, followed by the initials and surnames of other authors, year of publication, full title of the paper, name of the periodical, volume and/or number, and range of pages. Abbreviations of periodicals should, if possible, follow the "World List of Aquatic Sciences and Fisheries Serials Titles", published periodically by FAO (Food and Agriculture Organization of the United Nations). References to monographs should, in addition to the author(s), year

and title, contain the name and place of the publisher and the number of pages in the volume. Reference to a paper in a book containing a collection of papers should also contain the page range of the paper, name(s) of editor(s), and actual title of the book. The accuracy of all references and their correspondence with text citations is the responsibility of the author.

Tables

All tables must be discussed or mentioned in the text. Tables should be carefully constructed so that the data presented in them are clearly understood and that they fit within either a column or page of the periodical. Each table should start on a separate page and be headed by a description which, together with the column headings, makes the table intelligible with reference to the text. Tables must be numbered consecutively in arabic numericals, which correspond with the order of presentation in the text. The required position of tables in the text should be indicated in the left margin of the relevant page. Place the tables after the list of references.

Figures

Each photograph or drawing, described in the text, must be on a separate sheet in the form of a good quality reproduction and be numbered consecutively with arabic numerals. Lettering should not be overpowering, but should be large enough to withstand reduction of the figure to page width (17 cm) or halfpage (single column) width (8 cm). To avoid the use of excessive space, many kinds of illustrations are adequately intelligible if reduced to single-column width, provided that some thought is given to the design and lettering. Black-ink line drawings and/or photographs are acceptable. Over-sized line drawings should be submitted as page-size photographs or good quality photocopies on which the dimensions of the illustrations do not exceed 17 cm wide and 20 cm high, preferably smaller. The original drawings, if larger than 17 × 20 cm, should be retained by the author and forwarded only if requested by the editor or the NAFO Secretariat. The figure number should be clearly indicated on the back or in the bottom margin of each illustration. Figure captions should be typed on a separate sheet which follows the tables in paging sequence. The approximate location of each figure in the text should be indicated in the left margin of the relevant page. A complete set of original or clear illustrations must accompany the original of the manuscript and photocopied sets must be appended to the other copies for review purposes. If the paper contains photographs of animals, organs, tissues, etc., which will not photocopy clearly, a set of such photographs must accompany each copy of the manuscript.

Computer-generated figures should be avoided if possible, because they usually reproduce poorly. Dot-matrix printers do not produce acceptable illustrations. Figures drafted with black india ink are always preferable. Color plates are very expensive to produce and should be avoided if possible. If a color plate is essential to the understanding of the text, the author will be requested to cover the cost of its reproduction.

Manuscript Submission

Journal of Northwest Atlantic Fishery Science

The Journal publishes original research papers and notes on Northwest Atlantic fisheries science with emphasis on the environmental, biological, ecological and fishery aspects of living marine resources and ecosystems. Manuscripts are considered for publication with the understanding that their content is unpublished and is not being submitted elsewhere for publication. Each manuscript is normally reviewed by two referees for appraisal as to its suitability as a primary publication before final evaluation by the editor. Manuscripts (original and three copies) should be addressed to:

Assistant Executive Secretary Northwest Atlantic Fisheries Organization P. O. Box 638 Dartmouth, Nova Scotia Canada B2Y 3Y9

NAFO Scientific Council Studies

The Studies publishes papers which are of topical interest and importance to the current and future activities of the Scientific Council, but which are not considered to be of sufficiently high quality to meet the standards for primary publication in the Journal. Such papers have usually been presented as research documents at Scientific Council meetings and nominated for publication by the Standing Committee on Publications. These manuscripts are not normally refereed but undergo critical scrutiny by the Studies editor and often by an expert familiar with the subject matter. Manuscripts (one copy only) should be addressed to:

Assistant Executive Secretary Northwest Atlantic Fisheries Organization Bedford Institute of Oceanography P. O. Box 638 Dartmouth, Nova Scotia Canada B2Y 3Y9

NAFO Scientific Council Studies

Previous Issues

- No. 1. Miscellaneous Selected Papers (101 pages, published March 1981)
- No. 2. Manual on Groundfish Surveys in the Northwest Atlantic. W. G. Doubleday, Editor (55 pages, published December 1981)
- No. 3. Miscellaneous Selected Papers (82 pages, published April 1982)
- No. 4. Special Session on Remote Sensing, September 1981 (98 pages, published September 1982)
- No. 5. Symposium on Environmental Conditions in the Northwest Atlantic During 1970-79, September 1981 (113 pages, published December 1982)
- No. 6. Miscellaneous Selected Papers (103 pages, published December 1983)
- No. 7. Miscellaneous Selected Papers (97 pages, published August 1984)
- No. 8. Miscellaneous Selected Papers (95 pages, published April 1985)
- No. 9. Special Session on Squids, September 1984 (179 pages, published November 1985).

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