

**SCIENTIFIC COUNCIL MEETING - JUNE 2007****Notes on Publications and Editorial Matters, June 2006-June 2007**

by NAFO Secretariat

1. Status of Scientific Publications**a) Journal of Northwest Atlantic Fishery Science****Editorial Board:** The current editorial board is

| | |
|--------------------------------|--|
| General Editor: | Anthony Thompson (NAFO Secretariat); |
| Associate Editors: | |
| Biological Oceanography | K. F. Drinkwater (Institute of Marine Research, Bergen, Norway) |
| Biomathematics | vacant |
| Economics | T. Bjørndal, CEMARE, University of Portsmouth, England |
| Invertebrate Fisheries Biology | Bo Bergstrøm (Greenland Institute of Natural Resources, Nuuk, Greenland) |
| Social Science | D. Wilson The Institute for Fisheries Management, Hirtshals, Denmark |
| Vertebrate Fisheries Biology | M. J. Morgan (DFO Newfoundland and Labrador, St. John's, NL, Canada) |
| | H. - J. Rätz (Institut für Seefischerei, Hamburg, Germany) |
| | D. W. Kulka (DFO Newfoundland and Labrador, St. John's, NL, Canada) |

The Biomathematics position was offered to certain nominated people but none accepted.

Format and Copyright issues: The accepted changes arising from the format (SCS 06/15) and copyright issues (SCS 06/14) were implemented soon after the June 2006 SC meeting.

Instructions to Authors: These are currently being improved and clarified. It is the intention of the General Editor to include a summary of the editorial issues relating to a submitted MS along with the "submission package" currently sent to the Associate Editor. This is intended to inform the Associate Editor, Reviewers and author(s) of required technical edits, with the advantage that authors can undertake technical edits at the same time as they make scientific revisions. Previous practise was that reviewers would also comment on technical edits (though only occasionally and often inconsistently) at the time they undertake their scientific review and that technical edits would be visited later after MS acceptance by the Associate Editor. The new procedure should make the process easier for all concerned.

Volume 36 (Miscellaneous): Two further articles were uploaded to the web and the hardcopy compilation of 10 articles printed in December 2006. One paper was rejected by the Associate Editor following negative reviews, and one paper was not accepted by the General Editor as the paper had been previously published in almost identical form in a technical report publication series.

Volume 37 (Flemish Cap Symposium): Six further papers were published on the NAFO website since June 2006 and the hardcopy compilation was printed in April 2007. One paper was rejected earlier and one paper was withdrawn in April 2007. This volume took over 2½ years to complete due to various delays.

Volume 38 (Miscellaneous): A total of 15 papers have been submitted for consideration for this volume. Three were submitted in 2004 and 2005 and all have recently been withdrawn by the authors. Four of the remaining 12 were rejected by the General Editor as being unsuitable for the journal. One was based on just a couple of observations and fell well short of the content required for a paper, and the remaining three were NAFO SCR documents that had been submitted without modification. The General Editor contacted the journal's Associate Editors to discuss these papers and then asked the authors to condense their findings into a single more ecologically-based paper for re-submission. Four papers are under review or revision and three have been accepted, of which one is available on the web and two are at the proof stage and should be uploaded soon. The planned print date for this

volume is December 2007.

Volume 39: (Environmental and Ecosystem Histories in the NW Atlantic – What Influences Living Marine Resources?). A total of 15 papers have been submitted, though unfortunately four of these have been rejected by symposium editors following negative reviews and two have been withdrawn by the authors. Six are under review or revision, two have been uploaded to the web, and one is at the proof stage. The planned print date for this volume is April 2008.

Citation analysis: An analysis of the citation frequency of JNAFS articles was undertaken using the SCOPUS (<http://www.scopus.com>) citation database. Citations are expressed as number of citations per article per year in either unadjusted (total citations per article divided by number of years article has been published) or adjusted (expected number of citations per article over the past 12 years divided by 12). The adjusted values account for the fact that the annual distribution of citations is not uniform i.e. they peak some 2–5 years after the article is published.

Since 1996, there have been ten miscellaneous volumes and nine symposium volumes. The adjusted average number of citations range from 0.3–3.7 per article per year, with the overall average for miscellaneous volumes being 1.1 per article per year and 1.6 per article per year for symposium volumes (Table 5). The overall average number of citations over the past five years (unadjusted) is 1.0 per article per year for JNAFS. This is around one-third of the number seen for *Marine Ecology Progress Series*, *ICES Journal of Marine Science* and *Canadian Journal of Fisheries and Aquatic Science* (Table 6).

Digital Object Identifiers: All current and future journal articles will have a digital object identifier (DOI) that allows for their easy tracking and retrieval within the electronic medium. Owing to the usefulness of this system, papers in earlier JNAFS volumes will also be given DOIs. To date, published articles in vols 31-39 have been completed. DOIs are included in the reference lists (see references in any current JNAFS volumes) and allow for easy linking.

ASFA Scientific Abstracts and Cambridge Scientific Instruments: Previously, NAFO publications were entered into the ASFA abstracts by an individual associated with the Huntsman Marine Science Centre, St. Andrews, NB. It was decided that the NAFO Secretariat should assume responsibility for entering its own publications data. The Secretariat has entered information for JNAFS volumes 33-36. Further data entry by the Secretariat is planned for July.

Inclusion in the Thomson Scientific Web of Science: An application was made on 15 May 2007 for JNAFS to be evaluated in the Thomson Web of Knowledge products. Success will provide JNAFS with an impact factor that is important to many publishing researchers. The selection process is extensive and thorough and will probably take over a year to complete. Back issues are not evaluated, and so it is very important to keep constantly uploading articles to the web and to adhere to the print publication deadlines proposed for volumes 38 and 39 above.

General Direction: It seems clear that the main focus of the journal is on the northwest Atlantic and includes ALL aspects affecting the fishery including oceanography, biology, fisheries, social and economic topics. Care is needed to maintain this focus and not to include too many papers from other areas just to boost numbers. Submitted papers are usually data intensive and narrowly focused. Papers of this nature are valuable and can be hard to publish in other primary journals. Papers covering a wider scope involving general ecological or biological theory or principles, or wider aspects of fisheries management, are less commonly received. We need to be conscious of this division, and perhaps encourage, for example by a special issue, the latter.

Website issues: This year all past issues of the Journal were uploaded to the JNAFS website and so the complete set of JNAFS articles are available electronically.

The NAFO websites are now being housed at the NAFO Secretariat. Due to issues last year with our web server provider, the web stats are not complete for the past year. A new web-tracking software package has been purchased and the web-statistics are now being managed by the NAFO Secretariat.

b) NAFO Scientific Council Studies

The studies series is now intended mainly for workshop proceedings. It is no longer a platform for the publication of scientific articles that do not reach the standard required for a primary peer-reviewed publication. There have been

no publications submitted to the Studies over the past year. It is intended to start an identification series (Number 40) to track any identification guides produced by NAFO. The first of these will be the wolfish, hake and rockling guide that will be presented to SC this June.

Studies No. 30–39 are presently available on the public NAFO website and past issues will be uploaded as time permits.

c) NAFO Statistical Bulletin

Catches statistics by country, species and Division are available on the NAFO website for 1960–2006. This is the most up-to-date information available at the Secretariat and is updated as new information becomes available. Since the statistics are now an electronic publication the paper version of the Statistical Bulletin ceased publication since the circulation of Vol. 49 containing 1999 data in January 2002.

d) NAFO Scientific Council Reports

A total of 90 printed copies and CDs of the *NAFO Scientific Council Reports 2006* (Redbook) volume (311 pages) were produced in March 2007. The Redbook contained reports of the June, September, and November 2006 Scientific Council Meetings, along with a list of NAFO publications relevant to the meetings and contact details for participants. This book will be distributed to participants of Scientific Council Meeting of June 2007.

The Website publication of Reports of all Scientific Council Meetings held in 2006 was issued in January 2007. It differs from the print versions mentioned in above paragraph in that it contains navigation tools to access various sections of the reports of meetings that took place in 2006.

e) Index and Lists of Titles

The provisional index and lists of titles of 83 research documents (SCR Docs) and 28 summary documents (SCS Docs) which were presented at the Scientific Council Meetings during 2006 were compiled and presented in SCS Doc. 07/5 (excel format and only on the LAN) for this June 2007 Meeting.

e) Monograph by M.P. Fahay

The two volume 1696 page set entitled "*Early Stages of Fishes in the Western North Atlantic Ocean (Davis Strait, Southern Greenland and Flemish Cap to Cape Hatteras)*" by Michael P. Fahay was published in December 2006. Reviews have been, or are in the process of being, written for JNAFS, *Bull. Mar. Sci.* and *Copeia*. Seventy-five of the 200 copies printed have been sold to date.

TABLE 1. Volume 36 Miscellaneous (Hardcopy compilation printed Dec 2006).

| MS # | Author(s) and title | Editor | Submitted | Review sent | Review back | Published on Web |
|------|---|--------------|-----------|-------------|-------------|------------------|
| J544 | Shelton & Morgan. Is Bycatch Mortality Preventing the Recovery of | Serchuk | Sep03 | Oct03 | Jul04 | Jan05 |
| J548 | Grant. An exploratory fishing survey and biological resource | Serchuk | Apr04 | Apr04 | Apr06 | May06 |
| J552 | Swain et al. Changes in the abundance and size of skates in the | Rätz | Nov04 | Nov04 | Apr05 | Jun05 |
| J564 | Methot et al. Spatiotemporal distribution of spawning and stock | Serchuk | Dec04 | Jan05 | Jun05 | Oct05 |
| J568 | Stein. North Atlantic Subpoplar Gyre Warming – Impacts on | Drinkwawter | Mar05 | Mar05 | Sep05 | Oct05 |
| J572 | OverholtzJ. Estimates of consumption of Atlantic herring (<i>Clupea</i> | Morgan | Aug05 | Sep05 | Nov05 | Jan06 |
| J573 | Valentin et al. Extensive sampling and concomitant use of meristic | Morgan | Sep05 | Sep05 | Dec05 | Jun06 |
| J574 | Sigourney et al. Length at age, sexual maturity and distribution of | Morgan | Sep05 | Oct05 | Mar06 | Apr06 |
| J575 | Overholtz et al. Using design and model based approaches for | Rätz | Feb06 | Feb06 | Apr06 | Sep06 |
| J576 | Nelson et al. Population Consumption of Fish and Invertebrate Prey | Morgan | Feb06 | Feb06 | May06 | Jun06 |
| J578 | Grant. Mortality of snow crab (<i>Chionoecetes opilio</i>) discarded in | Not reviewed | Jul06 | | Rejected | |
| J583 | Kane & Anderson. Effect of Towing Speed on Bongo Net Retention | Bergstrøm | Oct06 | Oct06 | Rejected | |

TABLE 2. Volume 37 "Flemish Cap" Symposium (Hardcopy compilation printed Apr 2007)

| MS # | Author(s) and title | Editor | Submitted | Review sent | Review back | Published on Web |
|------|--|---------|-----------|-------------|-------------|------------------|
| J550 | Troncoso et al. Persistence and Variation in the Distribution of | Vazquez | Oct04 | Dec04 | Oct06 | Oct06 |
| J553 | Borovkov et al. The impact of water circulation on the year class | Vazquez | Nov04 | Dec04 | Nov06 | Jan06 |
| J554 | Leyenda & Rumbao. The summer seabird community of the Flemish | Morgan | Nov04 | Dec04 | Jul05 | Nov05 |
| J555 | Román et al. Food and Feeding of Most Abundant Fish Species in | Vazquez | Nov04 | Dec04 | Withdrawn | |
| J556 | González et al. Condition and Feeding of American Plaice (| Morgan | Nov04 | Dec04 | Mar06 | Apr06 |
| J557 | Román et al. Condition and Feeding of Greenland Halibut | Vazquez | Nov04 | Dec04 | Mar07 | May07 |
| J558 | Bakay et al. Review of Soviet/Russian Surveys on the Flemish Cap | Vazquez | Nov04 | Dec04 | Rejected | |
| J559 | Morgan & Bowering. Is there mixing of American plaice | Vazquez | Nov04 | Dec04 | Jan. 06 | Feb06 |
| J560 | Morgan & Lilly. The impact of condition on reproduction in Flemish | Vazquez | Nov04 | Dec04 | Jan. 06 | Feb06 |
| J561 | Maillet et al. Overview of biological and chemical conditions on the | Morgan | Nov04 | Dec04 | Jul05 | Dec05 |
| J562 | Stein. Oceanography of the Flemish Cap and Adjacent Waters | Vazquez | Nov04 | Dec04 | Jan07 | Feb07 |
| J563 | Murua & Cárdenas. Depth distribution of deep water species in | Morgan | Dec04 | Jan05 | Mar05 | Sep05 |
| J565 | Shaw. Palaeogeography of Atlantic Canadian Continental Shelves | Vazquez | Jan05 | Jan05 | Jul05 | Nov06 |
| J566 | Hendrickson & Vazquez. Density dependent Changes in the Spatial | Morgan | Jan05 | Jan05 | Oct05 | Dec05 |
| J567 | Murua & Gonzalez. A review of the fishery and the investigations of | Morgan | Feb05 | Feb05 | Aug05 | Oct05 |
| J571 | Skúladóttir et al The Biology of Northern Shrimp (<i>Pandalus</i> | Morgan | Jul05 | Jul05 | Jan07 | Mar07 |

TABLE 3. Volume 38 Miscellaneous (Hardcopy compilation print planned for Dec 2007)

| MS # | Author(s) and title | Editor | Submitted | Review sent | Review back | Published on Web |
|------|---|--------------|-----------|-------------|-------------|------------------|
| J547 | Tuene et al. Maturation and occurrence of atresia in oocytes of | Rätz | Mar04 | Apr04 | Withdrawn | |
| J569 | Sperling et al. Canadian swordfish (<i>Xiphias gladius</i>) markrecapture | Rätz | Apr05 | Apr05 | Withdrawn | |
| J570 | Wieland & Hvingel. Size changes of Northern shrimp (<i>Pandalus</i> | Weinberg | Jun05 | Jul05 | Withdrawn | |
| J577 | Kanwit. Stock intermixing and movement of Atlantic herring (<i>Clupea</i> | Kulka | Jun06 | Jun06 | Apr (Jun)07 | Tech Edits |
| J584 | Morgan et al. Age composition of the spawning stock does not | Rätz | Oct06 | Nov06 | Feb07 | Mar07 |
| J590 | Mateo. Application of the Wisconsin Bioenergetics Model to | Morgan | Dec06 | Dec06 | May07 | Proof stage |
| J591 | He et al. Design and test of a topless shrimp trawl to reduce pelagic | Drinkwater | Dec06 | Dec06 | May07 | Proof stage |
| J594 | Kanwit. Tagging results from the 2000 – 2004 federal experimental | Rätz | Dec06 | Dec06 | revision | |
| J598 | Squires. Bionts in the gills of the hermit crab <i>Pagurus arcuatus</i> , 1964, | Not reviewed | Feb07 | | Rejected | |
| J599 | Oddone et al. Lengthweight relationships, condition and population | Kulka | Mar07 | Mar07 | revision | |
| J601 | González et al. Feeding Habits of Wolffishes (<i>Anarhichas</i> | Not reviewed | Apr07 | Apr07 | Rejected | |
| J602 | González et al. Feeding Habits and Diet Overlap of Skates | Not reviewed | Apr07 | Apr07 | Rejected | |
| J603 | González et al. Feeding Habits of Fish Species Distributed on the | Not reviewed | Apr07 | Apr07 | Rejected | |
| J604 | Hedeholm et al. Feeding of Cod (<i>Gadus morhua</i> L.) in two fjords in | Morgan | May07 | May07 | review | |
| J605 | Tyrrell et al. The dynamic role of pollock (<i>Pollachius virens</i>) as a | Rätz | May07 | May07 | review | |

TABLE 4. Volume 39 "Environmental and Ecosystem Histories in the NW Atlantic – What Influences Living Marine Resources?" Symposium (Hardcopy compilation printed Apr 2007)

| MS # | Author(s) and title | Editor | Submitted | Review | Review | Publishe |
|------|---|----------|-----------|---------|-----------|-----------|
| J579 | Wieland et al. Response in Stock Size and Recruitment of | Siegstad | Oct06 | Oct06 | May07 | May07 |
| J580 | Stein. Warming Periods off Greenland during 1800-2005 – Their | Link | Oct06 | Oct06 | Feb06 | Mar07 |
| J581 | Corkett. Why biomass and ecosystem based advice is the wrong | Link | Oct06 | Oct06 | Rejected | |
| J582 | Link et al. Comparisons of the Georges Bank Ecological | Brodie | Oct06 | Oct06 | review | |
| J585 | Li & Harrison. Phytoplankton change in a warming Labrador | Stein | Nov06 | Nov06 | Withdra | |
| J586 | Lane. Fishing in the NAFO Regulatory Area: Integrated | Brodie | Oct06 | Nov06 | review | |
| J587 | Sigaev. Interannual variations of hydrological fronts in | Stein | Oct06 | Nov06 | revision | |
| J588 | Fock. Driving forces for Greenland offshore groundfish | Siegstad | Oct06 | Nov06 | revision3 | |
| J589 | Blinkoff et al. The Effects of Fishing Exclusion on the | Stein | Oct06 | Nov06 | Rejected | |
| J592 | Harrison & Li. Phytoplankton growth and regulation in the | Link | Oct06 | Dec06 | review | |
| J593 | P. Koeller et al. Influence of the spring phytoplankton bloom on | Siegstad | Dec06 | Dec06 | Rejected | |
| J595 | Davore et al. The Importance of Capelin (<i>Mallotus villosus</i>) in | Brodie | Jan06 | Jan06 | Apr07 | Tech Edit |
| J596 | V.A.Borovkov, A.L.Karsakov, and N.G.Ushakov. Nature's | Brodie | 12Jan07 | 12Jan07 | review | |
| J597 | Branton et al. Methods for Standardizing, Validating and | Brodie | 25Jan07 | 27Jan07 | Rejected | |
| J600 | Head&Pipin. Variations in overwintering depth distributions of | Brodie | 30Mar07 | 02Apr07 | review | |

TABLE 5. Citation rates for *JNAFS* obtained from the Scopus database. The adjusted value can be regarded as a weighted mean and allows for the fact that citations are greatest some 2-5 years after publication.

| Volume | Publication Year | Citations per article per year | | Type of Journal or Symposium title |
|----------------|------------------|--------------------------------|-----------------------|---|
| | | Unadjusted ¹ | Adjusted ² | |
| 18 | 1996 | 0.9 | 0.9 | Miscellaneous |
| 20 | 1996 | 1.4 | 1.4 | Miscellaneous |
| 21 | 1997 | 1.2 | 1.2 | Miscellaneous |
| 24 | 1998 | 0.5 | 0.5 | Miscellaneous |
| 26 | 2000 | 0.9 | 1.2 | Miscellaneous |
| 28 | 2000 | 1.0 | 1.2 | Miscellaneous |
| 29 | 2001 | 0.5 | 0.8 | Miscellaneous |
| 30 | 2002 | 0.9 | 1.6 | Miscellaneous |
| 32 | 2003 | 0.8 | 1.3 | Miscellaneous |
| 36 | 2006 | 0.1 | 0.7 | Miscellaneous |
| Average | | 0.8 | 1.1 | |
| 19 | 1996 | 0.4 | 0.4 | Gear Selectivity/Technical Interactions in Mixed Species Fisheries |
| 22 | 1997 | 1.1 | 1.1 | The Role of Marine Mammals in the Ecosystem |
| 23 | 1998 | 0.3 | 0.3 | What Future for Capture Fisheries |
| 25 | 1999 | 0.9 | 1.0 | Variations in Maturation, Growth, Condition and Spawning Stock Biomass Production in Groundfish |
| 27 | 2000 | 1.0 | 1.3 | Pandalid Shrimp Fisheries – Science and Management at the Millennium |
| 31 | 2003 | 0.6 | 1.3 | Deep-sea Fisheries |
| 33 | 2003 | 2.3 | 3.7 | Reproductive Potential of Fish Populations of the North Atlantic |
| 34 | 2004 | 1.1 | 3.5 | Hydrographic Variability in NAFO Waters for the Decade 1991-2000 in Relation to Past Decades |
| 35 | 2005 | 0.7 | 2.1 | Elasmobranch Fisheries: Managing for Sustainable Use and Biodiversity Conservation |
| Average | | 0.9 | 1.6 | |

¹ Calculated over the actual life span of the journal from the publication data to 2007; ² Adjusted to give the expected average number of citations per article per year over a 12 year life span by using raising factors that account for changes in citation rates over time.

TABLE 6. Comparison of average number of citations per article per year for five different journals from articles published in 2000.

| Journal | Average number of citations per article per year |
|--|--|
| Marine Ecology Progress Series | 3.1 |
| ICES Journal of Marine Science | 3.1 |
| Canadian Journal of Fisheries and Aquatic Sciences | 2.6 |
| Journal of Sea Research | 2.4 |
| Journal of Northwest Atlantic Fishery Science | 1.0 |