

MARICULTURE COMMITTEE (F)

Chair: A. Calabrese (USA)
Rapporteur: T. Sephton (Canada)

The Mariculture Committee met on Monday, 25 September from 1400 hrs – 1800 hrs and on Friday, 29 September from 1330 hrs – 1800 hrs. Thomas W. Sephton (Canada) was proposed as Rapporteur and accepted by the Committee.

The Chair reviewed the agenda for the two scheduled meetings of the Committee and the two Theme Sessions sponsored by the Committee: Sustainable Aquaculture Development (O) and New Trends in Fish Feeding in Aquaculture (P). Also, members were encouraged to attend the Open Forum being held on Tuesday, 26 September, where the ICES Strategic Plan will be presented and discussed in detail.

Committee Work Plan

A summary of the Committee's Work Plan was presented by the Chair and discussed briefly in light of the ICES Science Committee Work Plan and the overall ICES Strategic Plan. The basis of the Work Plan was taken from the Working Group submissions of their Terms of Reference and Scientific Justifications.

Working Group reports

It was noted that Working Group reports are due to be submitted to the ICES Secretariat shortly after the conclusion of the Working Group meeting. Consequently, it is important to finalise the meeting dates and venues of Working Group meetings with the submission of the annual Terms of Reference. The Mariculture Committee Chair was requested to ascertain the procedure for the approval of the release and publication of the Working Group reports on the ICES Website.

The Committee reviewed and noted the following discussion of the Working Group reports:

1. Working Group on the Application of Genetics in Fisheries and Mariculture. M. Møller Hansen, Chair, presented the report (Doc. F:03) of the Working Group. The Working Group was commended for supplying clear answers to the questions posed by the ACME with regard to salmon genetics in the Baltic. The Committee noted a lack of quantitative geneticists participating in Working Group as well as very few members working in aquaculture.
2. Working Group on Environmental Interactions of Mariculture. J. Doyle presented the report (Doc. F:02) on behalf of the Chair, I. Davies, who was unable to attend. The Working Group met in

Aberdeen, UK from 27 April – 2 May 2000. The Committee noted a lack of continuity in attendance at the Working Group's meetings, with three new members and no Baltic scientists. This precluded in-depth discussions of some agenda items.

3. Working Group on Marine Fish Culture. J. Castell, Chair, presented the draft report (Doc. F:04) of the Working Group. The Working Group met in St. Andrews, NB, Canada on 5–7 June 2000 (report in) and will work by correspondence in the coming year with a plan to meet again in 2002. The Working Group usually meets in late spring/early summer and noted that its reports are sometimes difficult to produce in time for the Statutory Meeting..

The Working Group and the Committee were requested to provide the reference to the ICES Standard Diets referred to in the report. Standards are not normally endorsed or proposed by ICES and it is important to maintain the historical references. The Committee was requested to ascertain the availability and use of the ICES Website as a link to the Working Group's Bibliographies and Nutrition databases.

4. Working Group on Pathology and Diseases of Marine Organisms. T. Lang presented the report (Doc. F:01) on behalf of Chair, S. Møllergaard. The ICES Secretariat was thanked for publishing the report complete with its colour photomicrographs. The Committee noted that the M74 Disease Theme Session that was held during the 1999 Annual Science Conference had been very well attended.

The Committee ratified the re-appointment of S. Møllergaard as Chair of WGPDMO for another three-year term.

5. Working Group on Introductions and Transfers of Marine Organisms. This Working Group reports to the ACME, however, its report (Doc. ACME:07) is referred to the Mariculture Committee. A. Calabrese presented the short report submitted by J. Carlton, Chair, and noted that this Working Group is sponsoring Theme Session U: Marine Biological Invasions—Retrospectives for the 20th Century and Prospectives for the 21st Century on Saturday, 30 September.

Approval of Working Group Terms of Reference

The Committee reviewed the Terms of Reference submitted for each Working Group based on directions

from the Consultative Committee that recommended that they avoid the unrestricted use of “review” items and reduce the number of items addressed on an annual basis by each Working Group.

General Comment:

It was noted that the Consultative Committee identified that all Working Groups should report by the designated deadline for the attention of the Mariculture Committee and, where appropriate, to the ACME.

Proposals for Theme Sessions for 2001 Annual Science Conference

There is a limited amount of time available for Theme Sessions at the ASC 2001 and subject areas should be consolidated. Also, there should be minimal overlap with other organisations and conferences to encourage participation and attendance. The Committee reviewed the justifications for the three proposed Theme Sessions:

1. Factors Affecting the Viability of Recirculation Systems for Commercial Production in Saltwater Aquaculture. Proposed Co-conveners: U. Waller (Germany) and A. Dosdat (France).
2. Diversification of Aquaculture. Proposed Co-conveners: N. Bromage (UK) and M. Shpigel (Israel).
3. Sustainable Development and Conservation of Natural Resources of the Coastal Zone. Proposed Co-conveners: J. Støttrup (Denmark) and P. Degnbol (Denmark).

Upon discussion and review, the Committee recommended the following for the 2001 ASC in order of their priority:

- Sustainable Development and Conservation of Natural Resources of the Coastal Zone. Proposed Co-conveners: J. Støttrup (Denmark) and P. Degnbol (Denmark).
- Land-Based Systems for Commercial Production in Saltwater Aquaculture with Emphasis on Recirculation and Integrated Systems. Proposed Co-

Documents

- F:01 Working Group on Pathology and Diseases of Marine Organisms (WGPDMO) Ref. ACFM + ACME + E
- F:02 Working Group on Environmental Interactions of Mariculture (WGEIM) Ref. ACME + E
- F:03 Working Group on the Application of Genetics in Fisheries and Mariculture (WGAGFM) Ref. ACME
- F:04 Working Group on Marine Fish Culture (WGMAFC)

REFERENCE PAPERS: C:02, ACME:07, ACME:08

conveners: U. Waller (Germany) and A. Dosdat (France).

Theme Sessions for 2002 ASC

Two Theme Sessions were proposed for the ASC 2002:

1. Improvements in Quality of Cultured Juvenile Fishes.
2. Use of Immunomodulators and Probiotics in Marine Fish Feeding.

Consideration of Workshops, Mini-Symposia and Symposia

Working Groups were requested to solicit ideas for the long-term planning of ICES. The Chair was requested to obtain a working definition for Workshops, Mini-Symposia and Symposia for the use of the Working Groups and the Committee.

Consultative Committee and ACME referrals

There were no referrals to consider at this time.

Mariculture Committee interactions and other business

It was noted that any change to the Committee membership had to be made via the national Delegates and that this information was solicited annually by the General Secretary following the ASC.

It was discussed and noted that it was the responsibility of every Committee member to transmit information on the timing and venue of all Committee-sponsored activities. Thus information on Theme Sessions, Workshops, Mini-Symposia and Symposia, should be conveyed to all interested parties in the member's country in an effort to improve the overall participation and attendance at the ASC.

The Chair adjourned the meeting and was thanked on behalf of the Committee for his hard work and dedication to the functioning of the Committee.