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ICNAF Comm.Doc.70/17ANNUAL MEETING - JUNE 1970Resolutions from the 57th Statutory Meeting of ICES, 1969Publications

It was decided, that:-

- C.Res.1969/1:1 the scientific papers given at the Symposium on "Physical Variability in the North Atlantic" be published in a special volume of the "Rapports et Procès-Verbaux", and that Mr. A. J. Lee and Prof. H. Charnock be Editors of the volume.
- C.Res.1969/1:2 the proceedings of the Special Meeting on "Biochemical and Serological Identification of Fish Stocks" be published in a special volume of the "Rapports et Procès-Verbaux", and that Miss W. de Ligny, assisted by Dr. A. Jamieson, Mr. Ph. Serène and Mr. N. P. Wilkins, be scientific Editor.
- C.Res.1969/1:3 the Report of the North-East Arctic Fisheries Working Group Meeting at Copenhagen, January 13th - 17th 1969, be published as a Cooperative Research Report.
- C.Res.1969/1:4 the Report of the Working Group on the 1960-1961 Young Herring Surveys be published in the ICES Cooperative Research Report series.
- C.Res.1969/1:5 a report covering four years (1965-1968) of International Surveys for Young Fish in the Barents Sea, edited by Mr. J. J. Zijlstra, be published in the ICES Cooperative Research Report series.
- C.Res.1969/1:6 the Report of the Working Group on Atlanto-Scandian Herring be published in the ICES Cooperative Research Report series.
- C.Res.1969/1:7 the Report on the Study Course on Chemical Oceanography, held at Drøbak in August-September 1969, be published in the Cooperative Research Report series.
- C.Res.1969/1:8 the Report of the Working Group on Pollution of the Baltic, be published in the ICES Cooperative Research Report series.
- C.Res.1969/1:9 the Council should in the future issue an annual list of hydrographic observations made by ICES member countries in addition to the ICES Oceanographic Data Lists; and that this issue replaces the Administrative Reports from the Hydrography Committee.
- C.Res.1969/1:10 the data, sections and time series of the anchor stations from the Baltic Year should be published by the Council, in the ICES Oceanographic Data Lists.
- C.Res.1969/1:11 a) ICES should prepare an inventory of oceanographic observations made at all the North Atlantic Ocean Weather Stations;
b) the Serial Station Data and Sea-Surface Observations made at Ocean Weather Stations A, I, J, K and M be published annually in the ICES Oceanographic Data Lists over an initial period of 5 years; and

- c) the Service Hydrographique prepare an annual analysis of these data for inclusion in each of these volumes of the Oceanographic Data Lists.

- C.Res.1969/1:12 "Bulletin Statistique" should not be published without including the data from all member countries.
- C.Res.1969/1:13 the document C.M.1969/D:6 on "Definition and Description of the North-East Atlantic Statistical Area" be published in "Bulletin Statistique", Vol.53, together with a new and revised chart.
- C.Res.1969/1:14 the Chairmen of the four Area Fish Committees, the Anadromous and Catadromous Fish Committee, the Hydrography and the Plankton Committees, be asked, bearing in mind the main objectives of the "Annales Biologiques", to:-
- a) make an appraisal of the usefulness and appropriateness of the contents of the last several volumes, in so far as their Committees' fields of interest are concerned; and
 - b) present in time before the next year's Annual Meeting, in collaboration with the Editor and the Chairman of the Editorial Committee, a paper, which can form a basis for discussions about editorial policy and possible changes in the contents of the volumes.

Symposia, Committees, Working Groups, Meetings

It was decided, that:-

- C.Res.1969/2:1 in view of the increasing range and volume of work of the Liaison Committee
- a) the Chairman of the Anadromous and Catadromous Fish Committee become a member of the Liaison Committee;
 - b) Mr. A. Hylan be invited to become a co-opted member of the Liaison Committee.
- C.Res.1969/2:2 in connection with the mid-term meeting of the Liaison Committee to prepare a report to NEAFC, funds be made available for:-
- a) the Liaison Committee to meet in Copenhagen for the three days, 25th to 27th February 1970,
 - b) the co-opted members to meet on the two preceding days, 23rd and 24th February 1970.
- C.Res.1969/2:3
- a) the title of ICES "Special Meeting on Methods for Measurement of Fishing Effort for Different Fisheries and Application of such Methods for Fishery Statistics" be changed to read: "Special Meeting on Measurement of Fishing Effort";
 - b) the object of the meeting be extended to include assessments of effects of changes in fishing vessels, technical equipment and better information for the fishermen;
 - c) the Prospectus should also refer to the work carried out by the ICES Working Group on "Studies of Characteristics of Fishing Vessels in Terms of their Effect on Fishing Effort Measurements", as well as the work carried out by OECD on Fishing Fleet Statistics;
 - d) other international organisations, which might be interested, should be informed about the meeting and invited to send participants.

- C.Res.1969/2:4 the North-East Arctic Fisheries Working Group meet for three days, January 14th to 16th, 1970, in Copenhagen, to review recent trends in the fishery and to prepare estimates of potential catches of cod and haddock in coming years.
- C.Res.1969/2:5 the Coalfish Working Group meet on January 12th - 13th, 1970, in Copenhagen, to consider the possible effects on fisheries and fish stocks of changing the boundary between NEAFC Regions 1 and 2.
- C.Res.1969/2:6 in connection with further assessment of North Sea Demersal Stocks, the former Working Group on Assessment of Demersal Stocks in the North Sea be replaced by:-
- a) a North Sea Roundfish Working Group, to be convened by Mr. R. Jones, which should meet in Copenhagen from 14th to 17th April, 1970, to study, in the first instance, the interrelationship between the cod in different parts of the North Sea, with a view to reconsidering, on a regional basis, the assessments made by the Working Group on Assessment of Demersal Stocks in the North Sea, on the North Sea cod stocks as a whole; and
 - b) a North Sea Flatfish Working Group, to be convened by Mr. J. F. de Veen, which should meet in Copenhagen from 15th to 20th June, 1970, to study further the assessments made for sole and plaice, taking account of recent changes in fishing effort and the influence of discarding at sea.
- C.Res.1969/2:7 the Working Group on Assessment of Demersal Fish Stocks in the Baltic meet for one day during the ICES Meeting in 1970 to consider the results of the 1969 joint programme of cod tagging and problems related to recent developments of the Baltic demersal fish stocks.
- C.Res.1969/2:8
- a) a further meeting of the North Sea Herring Assessment Working Group be held for ten days in December 1969, in Copenhagen, and
 - b) in view of the request from the Liaison Committee to consider possible effects on the stocks in adjacent areas, of any regulatory measures on herring fisheries in the North Sea, the Working Group should be increased by members from Ireland and possibly from Iceland.
- II C.Res.1969/2:9 the Working Group to study the Characteristics of Fishing Vessels in terms of their Effect on Fishing Effort Measurements should meet again for two or three days in the summer of 1970; and that its final report be made available to the Special Meeting on "Measurement of Fishing Effort".
- C.Res.1969/2:10 taking into consideration the document C.M.1969/E:10 "The benefits and dangers in the introduction of fish and shellfish in the ICES area from other parts of the world" by A. C. Simpson, a Working Group be set up, at national expense, consisting of representatives from each member country, with Dr. H. A. Cole as Convenor, to consider the principles which might govern the introduction and acclimatisation of non-indigenous marine organisms, especially shellfish and anadromous and catadromous fish species, and to report to the 1970 Statutory Meeting.

Co-operation with other International Organisations

It was decided that:-

- C.Res.1969/3:1
- a) the Council accepts the request from the Intergovernmental Oceanographic Commission in connection with the planned Cooperative Investigation of the Northern Part of the Eastern Central Atlantic (CINECA) (cf. Resolution VI-12 from the Sixth Session of IOC) "to take the necessary steps to implement the project with the assistance of the Commission and FAO/CECAF"; and that

b) the Bureau should take such steps in accordance with the recommendations from the meeting between members of the ICES' Bureau and Observers from collaborating organisations held 3rd October 1969 in Dublin. These recommendations were as follows:-

- 1) to set up a Coordinating Group for the planning and execution of CINECA, consisting of authorised members from each of the ICES' member countries, who wish to take part in the joint survey;
- 2) to invite through the appropriate collaborating organisations, such other countries who may wish to take part in CINECA, to appoint representatives to the Group;
- 3) to keep WMO and IHB informed of the progress in the planning and execution of CINECA, and invite their collaboration;
- 4) to invite FAO/CECAF, IOC and UNESCO to provide for the necessary assistance in the implementation of CINECA; and
- 5) to make suitable arrangements for convening the Group, and for keeping the collaborating organisations informed of its activities.

¶ C.Res.1969/3:2 the Council should approach ICNAF and IBP to see, if they would be interested in sponsoring, together with ICES, a Symposium on the Biology of Seals with special reference to the North Atlantic and Adjacent Seas, at some mutually convenient date.

- C.Res.1969/3:3
- a) Norway replace the United Kingdom as a member of the Coordinating Working Party for Atlantic Fishery Statistics for its next two sessions;
 - b) funds be made available for the Chairman of the Statistics Committee and the Council's Statistician to attend the next meeting of CWP.

C.Res.1969/3:4 the Council should welcome the intention of FAO to hold a Technical Conference on Fish-Finding, Purse-Seining and Aimed Trawling in 1970, offering support.

¶ C.Res.1969/3:5 to recommend that the meeting of the ICES/ICNAF Joint Working Party on North Atlantic Salmon takes place in London, from 2nd to 5th February 1970 (both dates inclusive). The proposals of the Working Party regarding future researches on the effects of the "high seas" fishery on Atlantic salmon stocks were endorsed.

¶ C.Res.1969/3:6 to recommend that, the ICES/ICNAF Selectivity Analysis Working Group, having largely fulfilled its present tasks, be asked to undertake the following studies:-

1. to extend the work of the 1969 ICES/ICNAF Selectivity Analysis Working Group to include data relating to NEAFC Region 2 and ICNAF Areas 4 and 5;
2. to investigate further all factors (including physical properties of net twines, biological factors, etc.) which cause, or may cause, differences in mesh selection;
3. to examine the adequacy of the proposed system of mesh differentials used by NEAFC and ICNAF in relation to the principle of equivalent selectivity;

with such amended membership as may be suitable for these tasks.

¶ C.Res.1969/3:7 the International Standards Organisation be asked that its TC 38/SC9 Textile Products for Fishing Nets, should:

- a) include on its Agenda the subject of mesh measurement, and
- b) investigate the possibilities of formulating practical field test methods for the identification of netting yarns.

Resolutions concerning the Work of the Secretariat, or requiring Secretariat Initiative

It was decided, that:-

- C.Res.1969/4:1 the Council's Hydrographer should represent the Council at future Joint IOC/WMO Sessions on IGOSS whenever the business to be discussed is relevant to the Council's interests.
- C.Res.1969/4:2
- a) in relation to C.Res.1968/4:2, it is recommended that within 6 months of the time of data collection the Service Hydrographique produce charts of bottom temperature based on the observations made during the ICES Young Herring Surveys, starting with the data for 1970;
 - b) member countries of ICES examine the possibility of increasing the number of bottom temperature observations, including bathythermograph observations, made on the continental shelf in Areas IV, VIa, and VII and report their findings to the Secretariat of ICES in time for consideration at the 1970 meeting of the Council;
 - c) the Working Group on Marine Data Systems gives early consideration to methods leading to the speedier preparation of bottom temperature charts.
- C.Res.1969/4:3 the Council, recognizing the importance to its activities of the work carried out within the U.N. Joint Group of Experts on the Scientific Aspects of Marine Pollution (GESAMP), should send an Observer to the future meetings of this Organisation.
- C.Res.1969/4:4 in view of the importance of further and more precise data on the catches and length composition of haddock and whiting taken in the industrial fisheries in the North Sea, such data should be collected, as soon as possible, by the countries concerned, with a view to making an assessment of the influence of these catches on the haddock and whiting fisheries.
- C.Res.1969/4:5 in view of the increasing effort exerted on Baltic herring in recent years, member countries concerned with fisheries in that area should collect and prepare data which will facilitate the work of a Baltic Herring Assessment Group to be established at a future meeting.
- C.Res.1969/4:6 every effort should be made by herring catching countries to provide:-
- a) adequate data on composition of catches, in accordance with the requirements given in Annex I to the Pelagic Fish (Northern) Committee's Report and to submit these data for publication in the "Statistical News Letters";
 - b) statistics of catch and fishing effort for these fisheries.
- C.Res.1969/4:7 since the Pelagic Fish (Northern) Committee has concluded that the time is not ripe to establish a project under the auspices of the Council, as was outlined in the Report of the Working Group on the Establishment of an International Herring Research Scheme, that herring workers be recommended to take the fullest possible advantage of the

collaboration offered by the Institute of Marine Research, Bergen, Norway, in carrying out part of the research projects proposed by the Working Group on the Establishment of an International Herring Research Scheme, and that scientists working in the project be invited to report and discuss their findings at future meetings of the Pelagic Fish (Northern) Committee.

- C.Res.1969/4:8 member countries should provide detailed catch and effort statistics and stock records of their mackerel fisheries for publication in the "Statistical News Letters" series.
- C.Res.1969/4:9
- a) tous les pays rassemblent des données sur la composition en taille, et si possible en âge des captures commerciales de merlu.
 - b) tous les pays continuent à rassembler des statistiques de captures et d'effort sous une forme aussi détaillée que possible;
 - c) le Groupe de Travail de Merlu se réunisse à nouveau, aussitôt que les données mentionnées en a) et b) seront rassemblées, pour continuer ses évaluations.
- C.Res.1969/4:10 a brief general account of the Special Meeting on "Biochemical and Serological Identification of Fish Stocks" be prepared by Dr. A. E. Mourant and Dr. A. Jamieson and distributed to participants, and that arrangements be made by the Secretariat, in consultation with the Convenor, to submit this account for publication.
- C.Res.1969/4:11 with a view to the importance of stocks separations in fisheries assessments, to recommend that member countries continue their activities in the development of biochemical and serological techniques to distinguish between units of different gene-pools.
- C.Res.1969/4:12
- a) each ICES member country be requested to prepare an inventory of the types and numbers of hydrographic observations and samples collected during each year with operational areas identified by Marsden squares or whenever feasible by track charts;
 - b) all member countries be requested to prepare an inventory of presently available national holdings of processed hydrographic station and bathythermographic data, to be expressed as charts showing the number of observations by one degree square and month, and that this inventory be updated annually;
 - c) the World Data Centres (Oceanography) be invited to prepare an annual inventory of processed oceanographic data, accessioned from declared national programmes, in the ICES area of interest;
 - d) the inventories mentioned under a), b), and c) be made available to the Council.
- C.Res.1969/4:13 the Hydrography Committee should devote part of its sessions at the 58th Statutory Meeting of the Council to a consideration of the Integrated Global Ocean Station System (IGOSS) which is at present being planned jointly by IOC and WMO, and that other Committees should be asked to send representatives to speak on the application of IGOSS to fisheries problems.
- C.Res.1969/4:14 taking into account the increasing evidence of pollution in the Baltic, the countries bordering the Baltic should intensify their hydrographic investigations. The observations should include measurements of oxygen, hydrogen sulphide, nutrients and, if possible, of heavy metals, hydrocarbons and pesticides.

Other Resolutions (Committee Recommendations adopted)

It was decided to recommend that:-

Gear and Behaviour Committee

C.Res.1969/5:1 the recommendations itemised as numbers 2, 3, and 4 in the Report of the Joint ICES/ICNAF Working Group on Selectivity Analysis should be followed when mesh selectivity experiments are conducted.

Hydrography Committee

C.Res.1969/5:2 the effect of hydrogen sulphide on the determination of nutrient salts be studied and reported upon to ICES.

C.Res.1969/5:3

- a) a study group be formed to consider C.Res.1968/5:6 and to advise the Hydrography Committee on the action to be taken on an international basis in order to promote further studies in coastal hydrography, diffusion etc. in relation to marine pollution problems;
- b) this Group should consist of Mr. A. J. Lee (Convenor), Mr. J. W. Talbot, Dr. R. W. Trites, Dr. J. H. Steele, Mr. L. Otto and Dr. K. Grasshoff and representatives of the Fisheries Improvement Committee;
- c) the Group should work by correspondance and meet during the 58th Statutory Meeting of the Council.

C.Res.1969/5:4

- a) a study group on Permanent Moored Oceanographic Stations in the North Sea be formed in order to investigate the possibility of establishing and maintaining a permanent network of recording current meters etc. in the North Sea;
- b) this Group should consist of Mr. J. W. Ramster (Convenor), Mr. H. D. Dooley, Mr. A. Svansson, Dr. H. Neumann, Dr. van Veen and Mr. R. Ljøen and should work by correspondance and report on its findings to the 58th Statutory Meeting of the Council.

Demersal Fish (Northern) Committee

C.Res.1969/5:5 members should increase sampling of egg and larval stages of Baltic fish, particularly cod, plaice and flounder, in order to monitor changes in the relative importance of different spawning areas, and to make optimum use of research cruises in the current joint programmes of work in the Baltic.

From a Joint Meeting of the Pelagic Fish (Northern) and (Southern) Committees

C.Res.1969/5:6 members should increase their efforts in carrying out tagging experiments on mackerel, inside and also outside the North Sea, using internal and external tags, with a view to estimating stock size and mixing of the populations.

C.Res.1969/5:7 members should intensify their activities in collecting biological data on mackerel in the North Sea and adjacent areas.

Shellfish and Benthos Committee

C.Res.1969/5:8 in view of the continued seriousness of the gill disease among Portuguese oysters and the evidence of gill damage in flat oysters and mussels, members are requested to continue their investigations into this problem. It is requested that special attention be paid to

- a) establishing whether the flat oysters or mussels show the active phase of the disease,
- b) infection experiments with all three species, and
- c) the identification of the causative organism.

Plankton Committee

C.Res.1969/5:9 in view of the increasing number of records of mortality in marine animals, due to mass occurrence of certain species of phytoplankton, member countries be requested to arrange for regular observations of phytoplankton in their areas. Special attention should be given to those taxonomic groups known to include toxin-producing species.

Marine Mammals Committee

C.Res.1969/5:10 serological research on marine mammals be continued in order to provide further information on the separation of stocks of whales and seals.