

Northwest Atlantic



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Provisional List of Contributions for Special Session on Trophic Relationships in  
Marine Species Relevant to Fisheries Management in the Northwest Atlantic

Leningrad, USSR, 14-16 September 1983

Co-conveners: Dr. V. A. Rikhter and Dr. G. R. Lilly

A. Keynote papers

1. Review of certain aspects of trophic relationships in fresh water and their relevance to studies in the marine environment, by S. R. Kerr, Marine Ecology Laboratory, Bedford Institute of Oceanography, Dartmouth, N. S., Canada.
2. Progress within ICES in studies of interrelationships among exploited fish species, by N. Daan, Institute for Fishery Investigations, Haringkade 1, 1970 AB IJmuiden, Netherlands.

B. Contributed papers

3. Principal regularities of fish production in fisheries ecosystems, by A. S. Noskov, AtlantNIRO, Kaliningrad, USSR.
4. Food relations between silver hake and red hake and other fish species on Georges Bank and in adjacent waters, by V. I. Vinogradov, AtlantNIRO, Kaliningrad, USSR.
5. Fish food distribution by trophic chain in the Georges Bank ecosystem and possibilities of regulation of multispecies fishery, by V. I. Vinogradov, Kaliningrad, USSR.
6. Structure of the Georges Bank ecosystem, by M. P. Sissenwine, E. B. Cohen and M. D. Grosslein, Northeast Fisheries Center, Woods Hole, Mass., USA.
7. A simulation study: the role of predation on pre-recruits in regulating year-class strength of fish on Georges Bank, by E. B. Cohen and M. D. Grosslein, Northeast Fisheries Center, Woods Hole, Mass., USA.
8. Factors influencing silver hake interactions and their impact on fisheries management advice, by D. E. Waldron, Marine Fish Division, Bedford Institute of Oceanography, Dartmouth, N. S., Canada.
9. Current and historical trends in cod predation on herring in the southern Gulf of St. Lawrence, by K. G. Waiwood, Biological Station, St. Andrews, N. B., Canada.
10. Regional variability in food of cod on the northern Grand Bank (Div. 3L) in late spring, by G. R. Lilly and J. C. Rice, Northwest Atlantic Fisheries Centre, St. John's, Newfoundland, Canada.
11. The importance of capelin (*Mallotus villosus*) as a forage species: a review, by J. Carscadden, Northwest Atlantic Fisheries Centre, St. John's, Newfoundland, Canada.
12. Feeding habits of Greenland halibut in the Northwest Atlantic Ocean, by S. G. Podrazhanskaya, VNIRO, Moscow, and A. K. Choumakov, PINRO, Murmansk, USSR.
13. Predation by cod and Greenland halibut on shrimp (*Pandalus borealis*) off Labrador, by W. R. Bowering, D. G. Parsons, and G. R. Lilly, Northwest Atlantic Fisheries Centre, St. John's, Newfoundland, Canada.
14. Trophic relationships in some fishes and invertebrates on the Flemish Cap, by K. G. Konstantinov, T. N. Turuk and N. V. Plekhanova, PINRO, Murmansk, USSR.

15. Feeding habits of ocean pout in the Northwest Atlantic Ocean, by K. G. Buzulutskaya, VNIRO, Moscow, USSR.
16. The food of witch flounder (*Glyptocephalus cynoglossus*) in Newfoundland waters, by W. R. Bowering and G. R. Lilly, Northwest Atlantic Fisheries Centre, St. John's, Newfoundland, Canada.
17. Principal trophic connections of beaked redfishes in the Northwest Atlantic, by Yu. V. Konchina, VNIRO, Moscow, USSR.
18. Feeding of rock grenadier, *Coryphaenoides rupestris* Gunn., and its position in the trophic system of the North Atlantic, by A. V. Gushchin, AtlantNIRO, Kaliningrad, and S. G. Podrazhanskaya, VNIRO, Moscow, USSR.
19. Food sources for deep-sea fishes of the Newfoundland continental slope, by K. A. Houston, Memorial University of Newfoundland, St. John's, Newfoundland, Canada.
20. Food relations of the Northwest Atlantic long-finned squid, *Loligo pealei* (Lesueur), and its position in the ecosystem, by A. N. Vovk, Pedagogical Institute, Poltava, USSR.
21. Qualitative characteristic of food spectrum of short-finned squid (*Illex illecebrosus* Lesueur, 1821), by Yu. M. Froerman, AtlantNIRO, Kaliningrad, USSR.
22. Predation by short-finned squid (*Illex illecebrosus*) on young Atlantic cod (*Gadus morhua*) at Newfoundland, by E. G. Dawe, Northwest Atlantic Fisheries Centre, St. John's, Newfoundland, Canada.
23. Ecological relations of squid, *Ommastrephes bartrami* Lesueur, 1821 (Family Ommastrephidae), in the North Atlantic, by Ch. M. Nigmatullin, AtlantNIRO, Kaliningrad, USSR.
24. The feeding habits of demersal fish species in Icelandic waters, by O. K. Pálsson, Marine Research Institute, Reykjavik, Iceland.
25. Trophic relations between some fish species of the North Sea, by V. N. Feldman, V. I. Malyshev, and I. P. Golubyatnikova, AtlantNIRO, Kaliningrad, USSR.
26. Predation on fish larvae as a regulatory force illustrated in enclosure experiments with large groups of larvae, by Victor Øiestad, Institute of Marine Research, Bergen-Nordnes, Norway.
27. Legion analysis game and simulation program, by Per Sparre, Danish Institute for Fisheries and Marine Research, Charlottenlund, Denmark.
28. Multispecies modelling (specific title not yet available), by J. G. Pope, Fisheries Laboratory, Lowestoft, England, UK.
29. On the estimation of predation induced mortality by multispecies virtual population analysis (MVPA), by Ø. Ulltang.

(Contribution No. 28 has been withdrawn)