

International Council for the  
Exploration of the Sea

C.M. 1989/J:11



*PUBLICATIONS OF INTEREST TO THE  
BALTIC FISH COMMITTEE*

1988

FEDERAL REPUBLIC OF GERMANY

- Brey, T., Rumohr, H., and Ankar, S.: Energy content of macrobenthic invertebrates: general conversion factors from weight to energy. *J. Exp. Mar. Biol. Ecol.* 177, 271-278, 1988
- Brey, T., Soriano, M. and Pauly, D.: Electronic Length Frequency Analysis. A Revised and Expanded User's Guide to ELEFAN 0,1 and 2. *Ber. Inst. Meereskd. Kiel*, No. 177, 31p, 1988.
- CLEMMESSEN, C.: A RNA and DNA fluorescence technique to evaluate the nutritional condition of individual marine fish larvae. *Meeresforsch.* 32, 134-143, 1988.
- DAHM, E.: Arbeiten des Instituts für Fangtechnik zur Steigerung der Produktivität in der Langleinenfischerei. *Protok. FischTech.* XV (69): 176-191, 1988
- DETHLEFSEN, V.: Status report on aquatic pollution problems in Europe. *Aquatic Toxicology* (11): 259-286, 1988.
- LANG, T.: *Hysterothylacium aduncum* (Nematoda) in Baltic cod (*Gadus morhua* L.). *Coun. Meet. ICES, Baltic Fish Comm.*, J 20: 1-7, 1988.
- LANG, T.: Infestation of Baltic herring (*Clupea harengus* L.) with *Anisakis spec.* (Nematoda). *Coun. Meet. ICES, Baltic Fish Comm.*, J 21: 1-10, 1988.
- LANG, T.: Über den Befall von Dorschen der westlichen Ostsee mit dem Kiemenparasiten *Lernaeocera branchialis* in den Jahren 1983-1987. *Infn Fischw.* 35 (3): 116-118, 1988.
- MOHR, H.: Weitere Ergebnisse mit Heringsstellnetzen in der westlichen Ostsee. *Infn Fischw.* 35 (3): 126-127, 1988
- MOHR, H.: Zur gegenwärtigen Situation der Stellnetzfisherei an der deutschen Ostseeküste. *Infn Fischw.* 35 (4): 176-177, 1988
- MÖLLER, H.: The problem of quantifying long-term changes in fish tumor prevalences. *J. Cons. int. Explor. Mer* 45, 33-38, 1988.
- MÖLLER, H.: Biologie der Nematoden. Entwicklungszyklen der Fischnematoden. *Rundsch. Fleisch. Lebensmittelhyg.* 40, 195-198, 1988.
- MÖLLER, H. and K. TIFFERT: Preliminary evaluation of recreational angling in Kiel Bight, western Baltic Sea. *J. Cons. int. Explor. Mer* 44, 143-147, 1988.
- MÜLLER, A.: Seasonal change of zooplankton in the Kiel Bay: IV. Ichthyoplankton, - *Kieler Meeresforsch.*, Sonderheft, 1988.
- MÜLLER, A.: Vertical distribution of ichthyoplankton in the Bornholm Basin, - *Kieler Meeresforsch.*, Sonderheft, 1988.
- NEUDECKER, T.: Hungert der Ostsee-Hering? *Infn Fischw.* 35 (3): 112-115, 1988.
- NEUDECKER, T.: Institut für Küsten- und Binnenfischerei testete erstmals die Echointegration für Bestandsabschätzungen in der Ostsee. *Infn Fischw.* 35 (1): 16-18, 1988.
- NEUDECKER, T.: Die Situation des Heringsbestandes in der Ostsee unter Berücksichtigung der bundesdeutschen Fänge in der westlichen Ostsee im Jah 1987. *Infn Fischw.* 35 (2): 66-70, 1988.

RAUCK, G.: Welchen Einfluß haben Grundschieppnetze auf den Meeresboden und Bodentiere? *Inf. Fischw.* 35 (3): 104-106, 1988.

Temming, A.: Biologie und Populationsdynamik der Kliesche (*Limanda limanda* (L)) in der Ostsee. Diss. Univ. Kiel, 197 pp, 1988

TLEWS, K.: Stark rückläufige Tendenz des Dorschbestandes in der zentralen Ostsee. *Inf. Fischw.* 35 (2): 63-65, 1988 u. *Fischerblatt* 36 (3): 70-73, 1988.

UEBERSCHÄR, B.: Determination of the nutritional condition of individual marine fish larvae by analyzing their proteolytic enzyme activities with a highly sensitive fluorescence technique. *Meeresforsch.* 32, 144-154, 1988.

WEBER, W.: A review on stock assessments of exploited fish stocks in the Baltic. Part A: Cod stocks. ICES, Bal/No. 47 A, 44 pp, 1988.

WEBER, W.; NEUDECKER, T.: Anisakis larvae in herring of the western Baltic. Coun. Meet. ICES, Baltic Fish Comm., J 2: 1-8, 1988.

FINLAND

- Aro, E.: A review of fish migration patterns in the Baltic Sea. ICES Symposium 1988. ICES 1988 BAL/No. 13. 54 pp.
- Flinkman, J., Vuorinen, I. and Aro, E.: Be visible, die fast: The predation strategy of Baltic herring. ICES C.M. 1988/J:23. Poster. 12 p.
- Oulasvirta, P.: Spawning of autumn-spawning Baltic herring (*Clupea harengus* L.) in the Bothnian Sea. Finn. Fish. Res. 7: 31-37.
- Parmanne, R.: The Finnish herring trapnet fishery in 1974-85. ICES Symposium 1988. ICES 1988 BAL/No. 12. 12 p.
- Parmanne, R.: Herring growth in the northern Baltic Sea in 1974-87. ICES C.M. 1988/J:19. 19 p.
- Parmanne, R.: Silakan kalastuksen sivusaaliit vuonna 1984 (Abstract: By-catches in the herring fishery off the coast of Finland in 1984). Suomen Kalatalous 53: 1-13.
- Parmanne, R.: Silakan kasvu, morfologinen muuntelu ja vaellukset Itämeren pohjoisosassa. Lisensiaatintutkimus. Helsingin yliopisto, Eläintieteen laitos, morfologian ja ekologian osasto. 193 pp.
- Parmanne, R. & Sjöblom, V.: The abundance of spring spawning Baltic herring larvae in the seas around Finland in 1982 and 1983. Zooplankton abundance and the herring year class strength. Finn. Fish. Res. 7: 1-11.
- Parmanne, R. & Sjöblom, V.: Distribution of Baltic herring off the coast of Finland in 1981 and 1982 according to VPA and cpue data. Finn. Fish. Res. 7: 12-17.
- Parmanne, R. & Sjöblom, V.: Trends in the abundance, recruitment and mortality of Baltic herring and sprat off the coast of Finland according to exploratory fishing with a pelagic trawl in 1956-84. Finn. Fish. Res. 7: 18-23.
- Rantala, A., Parmanne, R., Lehtonen, H., Ikonen, E., Aro, E. & Partanen, H. Ammattikalastuksen saalis Suomessa vuonna 1984 (Abstract: The commercial fish catch in Finland in 1984). Suomen Kalatalous 54: 1-14.

U.S.S.R.

- Aps,R. Sprat stock dynamics in the Northern Baltic in 1957-1987.ICES,Symposium on Baltic Sea Fishery Resources Rostock,1988,Paper No.41,28 p.
- Aps,R.,Benenson,I.,Makhaniok,A.,Kaleis,M.Fishery and sprat stock dynamics in the Northern Baltic in 1950-1987. ICES,Baltic Fish Committee,C.M.1988/I:13,14 p.
- Aps,R.,Benenson,I.,Makhaniok,A.,Kaleis,M.Effect of temperature and salinity on sprat stock recruitment in the Northern Baltic.ICES,Early Life History Symposium, Bergen,1988,Paper No.8,17 p.
- Aps,R.,Paat,A.,Uder,Y.-O. Growth and shape of Baltic sprat otoliths.ICES,Baltic Fish Committee,C.M.1988/14, 20 p.
- Aps,R.A.,Pludon E.M. The growth rate as the stabilizing factor for the Baltic sprat population. Fischerei-Forschung,Rostock,25,4p. 44-47 (in Russian).
- Aps,R.A., Shirokov S.V., Ustinova,I.A.Variability of the Baltic sprat growth.Fischerei-Forschung,Rostock, 26,2,1988,p.77-81 (in Russian).
- Aps,R.A.,Paat.A.A.,Uder Y.-O. Age determination in the 0-group Baltic sprat according to daily increments in the otoliths.Fischerei-Forschung,Rostock,26,2,1988, p. 82-86 (in Russian).

1. Grauman G. Vozmozhnosti prognozirovaniya urosheinosti baltiyskoj treski na rannikh stadiyakh ontogeneza.-Tezisy doklada na IV Vsesoyuznuyu konferentsiyu po rannemu ontogenezu ryb. Moskva, 1988, p. 174-175.
2. Grauman G., Line R., Sidrevits I. Osobennosti vosproizvodstva baltiyskogo shprota v 1971-1985.-Fischerei-Forschung, Rostock, 1988, 11, p. 49-52.
3. Lozlovsky A. Ekologiya raspredeleniya chastot genotipov MDG baltiyskogo shprota. - Tezisy doklada na III Vsesoyuznuyu konferentsiyu po morskoy biologii, Kiev, 1988, Chast 1, p.39.
4. Line R., Treuberge H. Nekotorye zakonomernosti pitaniya lichinok seldi (*Clupea harengus membras L.*) i ee vosproizvodstvo v Rizhskom zalive.-Fischerei-Forschung, Rostock, 1988, 11, p. 36-41.
5. Starodub H., Shvetsov F. Osobennosti pitaniya i povedeniya segoletkov shprota v Baltiyskom more. Fischerei-Forschung, Rostock, 1988, 11, p. 53-55.
6. Uzars D., Shvetsov F., Hoziosky S., Fliksh N. Ispolzovanie troficheskikh otnoshenij treski i shprota Baltiyskogo morya dlya otsenki zapasov shprota. - Tezisy doklada na Vsesoyuznuyu konferentsiyu "Pitanie morskikh ryb i ispolzovanie kormovoj bazy kak elementa promyslovogo prognozirovaniya"., Murmansk, 1988, pl 98-99.
7. Shevtsov S., Hoziosky S., Konako S. Uovershenstvovannyj metod approximatesii selektivnykh svoystv rabolovnykh orudij logisticheskoy funktsiej. - Sbornikh trudov VNIRO "Orudiya i sposoby rybolovstva. Voprosy teorii i praktiki"., 1988, p. 152-156.
8. Shvetsov F., Ustinova L. Rezultaty issledovaniya chislenosti, raspredeleniya i razmernogo sostava shprota Vostochnoj Baltiki. - Tezisy doklada na IV Vsesoyuznuyu konferentsiyu po rannemu ontogenezu ryb. Chast II, Murmansk, p. 126-128.
9. Hoziosky S., Shvetsov F., Uzars D. Rezultaty otsenki komponent smertnosti shprota vostochnoj chasti Baltiyskogo morya. - Fischerei-Forschung, Rostock, 1988, 11, p. 42-43.