

List of Scientific Publications 1986–2014

- 1) Aro, E., Uitto, A., Vuorinen, I. ja **Flinkman, J.** 1986: The food selection of Baltic herring in late summer in the northern Baltic Sea. ICES C.M. 1986/J:26, Baltic Fish Committee. 19 s.
- 2) **Flinkman, J.**, Vuorinen, I. ja Aro, E. 1988: Be visible, die fast: The predation strategy of Baltic herring. ICES C.M. 1988/J:23, Baltic Fish Committee, Session R Poster, 8 s.
- 3) Aro, E., Vuorinen, I. ja **Flinkman J.** 1989: The prey preference of Baltic herring in the northern Baltic Sea. ICES C.M. 1989/J:14, Baltic Fish Committee. 28 s.
- 4) Aro, E., Pushkin, S., Kotilainen, P., Mamylov, V., **Flinkman J.** ja Diogtev, A. 1990: Estimation of changes in abundance of Baltic herring and sprat stocks by combined hydroacoustic-trawl survey in the Gulf of Finland in autumn, winter and spring. ICES C.M. 1990/J:28, Baltic Fish Committee. 23 s.
- 5) **Flinkman, J.**, Aro, E., Vuorinen, I. ja Kotilainen, P. 1991: The annual changes in food selection of Baltic herring. ICES C.M. 1991/J:14, Baltic Fish Committee. 11 s.
- 6) Aro, E., **Flinkman, J.**, Kotilainen, P., Raid, T. ja Lankov, A. 1991. Miksi osa silakoista on laihoja? Kalastaja 5:16-17.
- 7) **Flinkman J.**, Vuorinen, I. ja Aro, E. 1992: Planktivorous Baltic herring prey selectively on reproducing copepods and cladocerans. Can. J. Aquat. Sci. 49(1):73-77.
- 8) Aro, E., **Flinkman, J.** ja Kotilainen, P. 1992: Why some Baltic herring specimens are starved in the northern Baltic - are amount of food, reduction of cod predation or fisheries the reasons for low condition factors? ICES Working Group on Multispecies Assessment of Baltic Fish, Riga, Latvia 30.1.-6.2. 1992 (Working paper). 13 s.
- 9) Aro, E., Kotilainen, P. ja **Flinkman J.** 1992: Changes in the growth rate of Baltic herring: Why some specimens are starved in the northern Baltic. ICES C.M. 1992/J:4, Baltic Fish Committee. 22 s.
- 10) **Flinkman, J.**, Vuorinen, I., Hakala, I., Salemaa, H. ja Välipakka, P. 1993: Herring predation avoidance in northern Baltic copepods and mysids. ICES C.M. 1993/J:20, Baltic Fish Committee. 9 s.
- 11) **Flinkman, J.**, Hakala, I., Salemaa, H., and Välipakka, P. 1994: Migrations of the Baltic mysids and their relation to predation by fish. in symposium: Orientation and Migration in the Sea. A joint meeting of Marine biological Association of the UK and the Society for Experimental Biology, 18-21 April 1994.
- 12) **Flinkman, J.**, Vuorinen, I. ja Christiansen, M. 1994: Calanoid copepod eggs survive the passage through fish digestive tract. ICES J. Mar. Sci. 51:127-129.
- 13) Anon. 1994: Growth Changes of Herring in the Baltic. TemaNord 1994:532
- 14) **Flinkman, J.** (ed.) 1996: A summary of presentations and discussions during seminar held 10-11 May in Kotka, Finland. - Meri - Report series of the Finnish Institute of Marine Research. No. 26, 48 pp.
- 15) **Flinkman, J.**, Aro, E., Vuorinen, I., Viitasalo, M. 1998: Changes in northern Baltic zooplankton and herring nutrition from 1980s to 1990s: top-down and bottom-up processes at work. Marine Ecology Progress Series 165: 127-136
- 16) Viitasalo, M., Kiørboe, T., **Flinkman, J.**, Pedersen, L. W. and Visser, A. W. 1998: Predation vulnerability of planktonic copepods: consequences of predator foraging strategies and prey sensory abilities. Marine Ecology Progress Series 175: 129-142.
- 17) **Flinkman, J.** 1999: Interactions between plankton and planktivores of the northern Baltic Sea: selective predation and predation avoidance. Walter and André de Nottbeck Foundation Scientific Reports No. 18, ISBN 951-97529-7-8.
- 18) Viherluoto, M, Kuosa, H, **Flinkman, J.**, Viitasalo, M. (1999) Food utilisation of pelagic mysids, *Mysis mixta* and *M. relicta* during their growing season in the northern Baltic Sea. Marine Biology 136:553-559.

- 19) Viitasalo, M., **Flinkman, J.**, Viherluoto, M. 2001: Zooplanktivory in the Baltic Sea: a comparison of prey selectivity by *Clupea harengus* and *Mysis mixta*, with reference to prey escape reactions. Mar. Ecol. Prog. Ser. 216:191-200
- 20) Sipiä, V., Kankaanpää, H., **Flinkman, J.**, Lahti, K., Meriluoto, J. 2001: Time-dependent accumulation of Cyanobacterial hepatotoxins in flounders (*Platichthys flesus*) and mussels (*Mytilus edulis*) from the northern Baltic Sea. Environmental Toxicology and Water Research, 16:330-336
- 21) Sipiä V.O, Kankaanpää H.T, Pfulgmacher S, **Flinkman J**, Furey A, James K.J (2002): Bioaccumulation and detoxication of nodularin in tissues of flounder (*Platichthys flesus*), mussels (*Mytilus edulis*, *Dreissena polymorpha*) and clams (*Macoma bathica*) from the northern Baltic Sea. Ecotoxicology and Environmental Safety 53, 305-311.
- 22) Hakala, T., Viitasalo, M., Rita, H., Aro, E., **Flinkman, J.**, Vuorinen, I. (2003): Temporal and spatial variation in the growth rates of Baltic herring (*Clupea harengus membras* L.) larvae during summer. Marine Biology 142: 25-33.
- 23) Batten S.D, Clarke, R, **Flinkman J**, Hays G, John E, John A.W.G, Jonas T, Lindley J.A, Stevens D.P, & Walne A. 2003. CPR sampling: the technical background, materials and methods, consistency and comparability. Progress in Oceanography, 58, 193-215.
- 24) Anon. 2008: ICES Zooplankton status report 2006/2007. ICES Cooperative Research Report no. 292, special issue.
- 25) Möllmann C, Müller-Karulis B, Diekmann R, **Flinkman J**, Kornilovs G, Lysiak-Pastuszak E, Modin J, Plikshs M, Walther Y, and Wasmund N: (2006): An Integrated Ecosystem Assessment of the Central Baltic Sea and the Gulf of Riga. ICES CM 2006/P:03.
- 26) HELCOM 2009: Biodiversity in the Baltic Sea – An integrated thematic assessment on biodiversity and nature conservation in the Baltic Sea. Balt. Sea. Environ. Proc. No. 116B
- 27) Cardinale M., Möllmann C., Bartolino V., Casini M., Kornilovs G., Raid T., Margonski P., Grzyb A., Raitaniemi J., Gröhsler T. and **Flinkman J.** 2009. Effect of environmental variability and spawner characteristics on the recruitment of Baltic herring (*Clupea harengus membras*) populations. Marine Ecology Progress Series, Vol. 388: 221-234.
- 28) Raateoja M., Kuosa H., **Flinkman J**, Perttilä M 2010: Late summer metalimnetic oxygen minimum zone in the northern Baltic Sea. Journal of Marine Systems 80 (1) :1-7
- 29) Anon. 2010: Integrated ecosystem assessment of seven Baltic Sea areas covering the last three decades. ICES Cooperative Reserch Report no. 302.
- 30) Leino M, Ruuskanen A. T, **Flinkman J**, Kaasinen J, Klemelä U. E, Hietala R and Nappu N. 2011. The Natural Environment of the Shipwreck *Vrouw Maria* (1771) in the Northern Baltic Sea: an assessment of her state of preservation. International Journal of Nautical Archaeology, Vol 40, Issue 1: 133-150.
- 31) Casini M, Kornilovs G, Cardinale M, Möllman C, Grygiel W, Jonsson P, Raid T, **Flinkman J** and Feldman V 2011: Spatial and temporal density dependence regulates the condition of central Baltic Sea clupeids: compelling evidence using an extensive international acoustic survey. Population Ecology DOI 10.1007/s10144-011-0269-2.
- 32) Lehto J, Rätty T, Hou X, Paatero J, Aldahan A, Possnert G, **Flinkman J**, Kankaanpää H 2012: Speciation of ¹²⁹I in sea, lake and rain waters. Science of the Total Environment 419 (2012) 60–67.

- 33) Möllmann C, Lindegren M, Blenckner T, Bergström L, Casini M, Diekmann R, **Flinkman J**, Müller-Karulis B, Neuenfeldt S, Schmidt J Ö, Tomczak M, Voss R, and Gårdmark A, 2013: Implementing ecosystem-based fisheries management: from single-species to integrated ecosystem assessment and advice for Baltic Sea fish stocks. *ICES Journal of Marine Science*, doi:101093/icesjms/fst123.
- 34) Otto S A, Diekmann R, **Flinkman J**, Kornilovs G and Möllmann C, 2014: Habitat heterogeneity determines climate impact on zooplankton community structure and dynamics. *PLoS ONE*, 01/2014; 9(3):e90875. DOI:10.1371/journal.pone.0090875 Source: PubMed
- 35) Peltonen H, Ruokojärvi P, Korhonen M, Kiviranta H, **Flinkman J**, Verta M, 2014: PCDD/Fs, PCBs and PBDEs in zooplankton in the Baltic Sea - Spatial and temporal shifts in the congener-specific concentrations. *Chemosphere* 2014; 114: 172-180