

Outi Heikinheimo,
Recent publications

Heikinheimo, O. 2011: Interactions between cod, herring and sprat in the changing environment of the Baltic Sea: a dynamic model analysis. *Ecological Modelling* 222, p. 1731-1742.
DOI 10.1016/j.ecolmodel.2011.03.005.

Pekcan-Hekim, Z., Urho, L., Auvinen, H., Heikinheimo, O., Lappalainen, J., Raitaniemi, J. & Söderkultalahti, P. 2011. Climate warming and pikeperch year-class catches in the Baltic Sea. *AMBIO* 40, (5), p. 447-456. DOI 10.1007/s13280-011-0143-7.

Heikinheimo, O. 2008. Average salinity as an index for environmental forcing on cod recruitment in the Baltic Sea. *Boreal Env. Res.* 13: 457–464.

Heikinheimo, O., Setälä, J., Saarni, K. & Raitaniemi, J. 2006: Impacts of mesh-size regulation of gillnets on the pikeperch fisheries in the Archipelago Sea, Finland. *Fisheries Research* 77 (2), p. 192–199.

Lappalainen, A., Westerborn, M., Heikinheimo, O. 2005. Roach (*Rutilus rutilus*) as an important predator on blue mussel (*Mytilus edulis*) populations in a brackish water environment, the northern Baltic Sea. *Marine Biology* 147, p. 323–330.

Heikinheimo, O., Amundsen, P.-A., Auvinen, H., Bodaly, D., Eshenroder, R., Huusko, A., Mills, K., Müller, R., Todd, T. & Winfield, I. (Eds.) 2004: *Biology and Management of Coregonid Fishes. Proceedings of the Eighth International Symposium on the Biology and Management of Coregonid Fishes, Rovaniemi, Finland, 26-29 August 2002.* *Annales Zoologici Fennici* 41. 390 s.

Heikinheimo, O., Mikkola, J. 2004. Effect of selective gill-net fishing on the length distribution of European whitefish (*Coregonus lavaretus*) in the Gulf of Finland. *Annales Zoologici Fennici* 41(1):357–366.

Heikinheimo, O., Valkeajärvi, P., Helminen, H. 2002. Interactions between brown trout, vendace, and the fishery in Lake Päijänne. *Arch. Hydrobiol. Spec. Issues Advanc. Limnol.* 57, p. 601–613.

Heikinheimo, O. 2001. Effect of predation on the low-density dynamics of vendace: significance of the functional response. *Can. J. Fish. Aquat. Sci.* 58, p. 1909–1923.

Heikinheimo, O. 2000. Management of coregonid fisheries: multiform and multispecies problems. PhD thesis. University of Helsinki, Department of Limnology and Environmental Protection, and Finnish Game and Fisheries Research Institute.
44 p.

Heikinheimo, O., Miinalainen, M. & Peltonen, H. 2000. Diet, growth and competitive abilities of sympatric whitefish forms in a dense introduced population: results of a stocking experiment. *J. Fish Biol.* 57, p. 808–827.

Raitaniemi, J. & Heikinheimo, O. 1998. Variability in age estimates of whitefish (*Coregonus lavaretus* (L.)) from two Baltic populations - differences between methods and between readers. *Nordic J. Freshw. Res.* 74, p. 101–109.

Lehtonen, H., Peltonen, H., Heikinheimo, O., Saarijärvi, E., Saulamo, K., Vinni, M. & Nurmio, T. 1998. Application of coded microtags to study growth rates of stocked sympatric whitefish (*Coregonus lavaretus* (L.)) forms. Fisheries Research 39, p. 9–15.

Heikinheimo, O. & Raitaniemi, J. 1998. Decision analysis as a tool in planning fisheries management - exemplified by the whitefish and brown trout fishery in Lake Lappajärvi, Finland. Arch. Hydrobiol. Spec. Issues Advanc. Limnol. 50, p. 401–417.

Heikinheimo, O. & Korhonen, A.P. 1996. Food consumption of northern pike (*Esox lucius* L.), estimated with a bioenergetics model. Ecol. Freshwat. Fish 5, p. 37–47.