



Raine Kortet is a professor of Aquatic ecology at the Department of Biology, University of Eastern Finland (located in Joensuu). Prof. Kortet holds Docentures at Universities of Jyväskylä, Helsinki and Oulu. He is currently heading the three-campus research group Aquatic Ecology and Behavioural Ecology (see: <https://www.uef.fi/aquatic-ecology/home>). His research interests include a wide array of topics on aquatic ecology, evolutionary ecology, behavioural ecology, ecological parasitology and ecological immunology. Kortet received his Diploma (M.Sc.) and Doctorate (Ph.D.) in Biology, in 2000 and 2003, respectively, both from the University of Jyväskylä, Finland. During his two subsequent postdoctoral periods at University of Jyväskylä (2003) and University of California, Davis (2003-2005), and during his university researcher positions at University of Helsinki (2005-2007) and University of Oulu (2008-2009), he achieved an extensive research network before moving to Joensuu in 2009. As models, he has used many fishes, crayfishes and their parasites, and also terrestrial animals. Currently, he is a member of national Aquatic Biology Standardization -follow up group (ISO/TC 147 and CEN/TC 230), coordinated by the Finnish Environment Institute. He is also actively involved in the Biological Interactions graduate school. Prof. Kortet has published over 70 papers in international refereed journals and books during the last 10 years (h-index 18).

Recent publications:

KEKÄLÄINEN, J., FIGENSCHOU, L., JANHUNEN, M., KORTET, R., PEUHKURI, N. & RUDOLFSEN, G. 2012:

Hatchery selection may depress the number of motile sperm but intensify selection for their swimming velocity in the Arctic charr. *Aquaculture International*, in press.

FIGENSCHOU, L., FOLSTAD, I., RUDOLFSEN, G., HANSSSEN, S.A., KORTET, R., SKAU, P.A., KILLIE, J.E., OSKAM,

I. & STRAND, H. 2012: The relative effect of parasites and social status on sperm traits in Arctic charr. *Behavioral Ecology*, in press.

LAI, Y.-T., KEKÄLÄINEN, J., TASKINEN, J. & KORTET, R. 2012: Non-invasive diagnosis for *Philometra ovata*

(Nematoda) infection in the common minnow *Phoxinus phoxinus*. *Parasitology Research*, in press.

NORDEIDE, T.J., KEKÄLÄINEN, J. & KORTET, R. 2012: Female ornaments – costly or advantageous for

offspring quality? *Journal of Animal Ecology*, in press.

VAINIKKA, A., KOSKIMÄKI, J., NIEMELÄ, P.T. & KORTET, R. 2012: Composition of the Eurasian perch (*Perca*

fluviatilis) catches in ice fishing: Does capture order predict body size? *Fisheries Research*, 115: 24-30.

HUUSKONEN, H., KEKÄLÄINEN, J., PANDA, B., SHIKANO, T. & KORTET, R. 2011: Embryonic survival and

larval predator-avoidance ability in mutually ornamented whitefish. *Biological Journal of the Linnean Society*, 103: 593-601.

VAINIKKA, A., RANTALA, M.J., NIEMELÄ, P., HIRVONEN, H. & KORTET, R. 2011: Boldness as a consistent

personality trait in the noble crayfish, *Astacus astacus*. *Acta Ethologica*, 14: 17-25.

JUSSILA, J., MAKKONEN, J., VAINIKKA, A., KORTET, R. & KOKKO, H. 2011: Latent crayfish plague

(*Aphanomyces astaci*) infection in a robust wild noble crayfish (*Astacus astacus*) population. *Aquaculture*, 321: 17-20.