

JULKAISULUETTELO / COLLECTED PUBLICATIONS

2016

Väitöskirjat / PhD-thesis

Gagnon, Karine. 2016. Top-down and bottom-up impacts of the Great Cormorant (*Phalacrocorax carbo sinensis*) on coastal benthic communities in the Baltic Sea. *Annales Universitatis Turkuensis Ser All – Tom 318*. 107 p.

Haavisto, Fiia. 2016. Macroalgal defenses against herbivory: causes and consequences of intraspecific variation. *Annales Universitatis Turkuensis Ser All – Tom 319*. 104 p.

Luhtala, Hanna. 2016. Geographical studies of underwater light dynamics in the coastal archipelago of SW Finland, Baltic Sea. *Annales Universitatis Turkuensis Ser All – Tom 314*. 121 p.

Muut Tieteellinen Julkaisutoiminta / Other Scientific Publications:

Forsström, T., Fowler, A. Lindqvist, M. & Vesakoski, O. 2016. The introduced dark false mussel, *Mytilopsis leucophaeata* (Conrad, 1831) has spread in the northern Baltic Sea. *BioInvasions Records* 5(2): 81-84. doi:/10.3391/bir.2016.5.2.04

Gagnon, K., Sjöroos, J., Yli-Rosti, J., Stark, M., Rothäusler, E. & Jormalainen, V. 2016. Nutrient enrichment overwhelms top-down control in algal communities around cormorant colonies. *Journal of Experimental Marine Biology and Ecology* 476:31-40. doi:10.1016/j.jembe.2015.12.007

Hokynar, K., Sormunen, J.J., Vesterinen, E.J., Partio, E.K., Lilley, T., Timonen, V., Panelius, J. Ranki, A. & Puolakkainen, M. 2016. Chlamydia-Like Organisms (CLOs) in Finnish Ixodes ricinus Ticks and Human Skin. *Microorganisms* 4:28. doi:10.3390/microorganisms4030028.

Jormalainen, V., Gagnon, K., Sjöroos, J. & Rothäusler, E. 2016. The invasive mud crab enforces a major shift in a rocky littoral invertebrate community of the Baltic Sea. *Biological Invasions* 18:1409-1419.

Kalske, A., Leimu, R., Scheepens, J.F. & Mutikainen, P. 2016. Spatiotemporal variation in local adaptation of a specialist insect herbivore to its long-lived host plant. *Evolution* 70: 2110-2122. doi: 10.1111/evo.13013.

Klais, R., Lehtimäki, M., Rubene, G., Semenova, A., Margonski, P., Ikauniece, A., Simm, M., Põllumäe, A., Griniene, E., Mäkinen, K. & Ojaveer, H. 2016. Spatial and temporal variability of zooplankton in a temperate semi-enclosed sea: implications for monitoring design and long-term studies. *Journal of Plankton Research*. doi:10.1093/plankt/fbw022.

Luhtala, H., Kulha, N., Tolvanen, H. & Kalliola, R. 2016. The effect of underwater light availability dynamics on benthic macrophyte community formation on a Baltic Sea archipelago coast. *Hydrobiologia* 776: (1) 277-291.

Luhtala, H. & Tolvanen, H. 2016. Spatio-temporal representativeness of euphotic depth in situ sampling in transitional coastal waters. *Journal of Sea Research* 112: 32-40.

Mäkinen, K., Vuorinen, I. & Hänninen, J. 2016. Climate induced hydrography changes favor small-bodied zooplankton in a coastal ecosystem. *Hydrobiologia* 792:83-96. doi: 10.1007/s10750-016-3046-6.

Rothäusler, E., Sjöroos, J., Heye, K. & Jormalainen, V. 2016. Genetic variation in photosynthetic performance and tolerance to osmotic stress (desiccation, freezing, salinity) in the rocky littoral foundation species *Fucus vesiculosus* (Phaeophyceae, Fucales). *Journal of Phycology* 52: 877–887. doi: 10.1111/jpy.12455.

Sormunen, J.J., Klemola, T., Vesterinen, E.J., Vuorinen, I., Hytönen, J., Hänninen, J., Ruohomäki, K., Sääksjärvi, I., Tonteri, E. & Penttinen, R. 2016. Assessing the abundance, seasonal questing activity, and *Borrelia* and tick-borne encephalitis virus (TBEV) prevalence of *Ixodes ricinus* ticks in a Lyme borreliosis endemic area in Southwest Finland. *Ticks and Tick-Borne Diseases* 7: 208-215. doi: 10.1016/j.ttbdis.2015.10.011.

Sormunen, J.J., Penttinen, R., Klemola, T., Hänninen, J., Vuorinen, I., Laaksonen, M., Sääksjärvi, I.E., Ruohomäki, K. & Vesterinen, E.J. 2016. Tick-borne bacterial pathogens in southwestern Finland. *Parasites & Vectors* 9: 168. doi:10.1186/s13071-016-1449-x.

Sormunen, J.J., Penttinen, R., Klemola, T., Vesterinen, E.J. & Hänninen, J. 2016. *Anaplasma phagocytophilum* in questing *Ixodes ricinus* ticks in southwestern Finland. *Experimental and Applied Acarology* 70: 491-500. doi:10.1007/s10493-016-0093-7.

Suominen, T. & Tolvanen, H. 2016. Temporal analysis of remotely sensed turbidity in a coastal archipelago. *International Journal of Applied Earth Observation and Geoinformation* 49: 188-199.

Vahteri, P. & Vuorinen, I. 2016. Continued decline of the bladderwrack, *Fucus vesiculosus*, in the Archipelago Sea, northern Baltic proper. *Boreal Environ. Res.* 21: 373–386.

Yletyinen, J., Bodin, Ö., Weigel, B., Nordström, M.C., Bonsdorff, E., Blenckner, T. 2016. Regime shifts in marine communities: a complex systems perspective on food web dynamics. *Proc. R. Soc. B.* 283: 20152569. doi: 10.1098/rspb.2015.2569.

Pro Gradu- ja Lisenssiaattitutkielmat / Master- and Ph. Lic. –Thesis

Harjula, Laura. 2016. *Ixodes ricinus* ja *I. persulcatus* -puutiaisten esiintyminen Suomessa vuonna 2015. Turku 2016.

Manninen, Iita. 2016. Effects of climate change on the survival of the marine isopod *Idotea balthica* (Pallas, 1772) in the Baltic Sea. Turku 2016.

Muut Julkaisut - Other Publications

Mäki, O.-P. & Tarkiainen, K. 2016. Symbioosi 2. Ekologia ja ympäristö (BI2). Lukion eBiologia. e-Oppi. Peda.net.

Sewón, K. 2016. Venevaja. Moreeni, Helsinki. 128 s. ISBN 978-952-254-228-1.

Sormunen, J.J., Penttinen, R., Klemola, T., Vesterinen, E.J. & Jari Hänninen, J. 2016. Online Resource 1: Phylogenetic analysis of *Anaplasma phagocytophilum* 16S sequences - for the Article - Sormunen, J.J., Penttinen, R., Klemola, T., Vesterinen, E.J. & Hänninen, J. 2016. *Anaplasma phagocytophilum* in questing *Ixodes ricinus* ticks in southwestern Finland. *Experimental and Applied Acarology*. doi:10.1007/s10493-016-0093-7.

Vuorinen, I. 2016. Itämeren erityispiirteistä ja haavoittuvuudesta. *Aquarius*. 2016: 4-7. ISSN 0785-2347.