

## Publikationer/Publications 2011

### Vetenskapliga/Scientific

- Artois T., **Fontaneto D.**, Hummon W.D., McInnes S.J., Todaro M.A., Sørensen M.V. & Zullini A. 2011. Ubiquity of microscopic animals? Evidence from the morphological approach in species identification. In: Fontaneto D. (ed.), *Biogeography of microorganisms. Is everything small everywhere?* The Systematics Association Special Volume 79: 244-283.
- Birky C.W. Jr., Ricci C., Melone G. & **Fontaneto D.** 2011. Integrating DNA and morphological taxonomy to describe diversity in poorly studied microscopic animals: new species of the genus *Abrochtha* Bryce, 1910 (Rotifera: Bdelloidea: Philodinavidae). *Zoological Journal of the Linnean Society* 161: 723-734.
- Boissin E., **Stöhr S.** & Chenuil A. 2011. Did vicariance and adaptation drive cryptic speciation and evolution of brooding in *Ophioderma longicauda* (Echinodermata: Ophiuroidea), a common Atlanto-Mediterranean ophiuroid? *Molecular Ecology* 20: 4737-4755.
- Boström S.** & **Holovachov O.** 2011. Description of *Nothacrobeles sohlenii* sp. n. (Rhabditida: Cephalobidae) from Tunisia. *Journal of Nematode Morphology & Systematics* 14: 13-19.
- Boström S.** & **Holovachov O.** 2011. Two new species of *Eucephalobus* Steiner, 1936 and one new species of *Pseudacrobeles* Steiner, 1938 (Rhabditida: Cephalobidae) with mucronate tail. *Journal of Nematode Morphology & Systematics* 14: 91-104.
- Boström S.**, Holovachov O. & Nadler S.A. 2011. Description of *Scottinema lindsayae* Timm, 1971 (Rhabditida: Cephalobidae) from Taylor Valley, Antarctica and its phylogenetic relationship. *Polar Biology* 34: 1-12.
- De Wit P., Erséus, C. & **Gustavsson, L.** 2011. Ultrastructure of the body wall of three species of *Grania* (Annelida: Clitellata: Enchytraeidae). *Acta Zoologica* (Stockholm) 92: 1-11.
- Fontaneto D.** (ed.) 2011. *Biogeography of microscopic organisms. Is everything small everywhere?* The Systematics Association Special Volume 79, 365 p.
- Fontaneto D.** & Brodie J. 2011. Why biogeography of microorganisms? In: Fontaneto D. (ed.), *Biogeography of microorganisms. Is everything small everywhere?* The Systematics Association Special Volume 79: 3-10.
- Fontaneto D.**, Iakovenko N., Eyres I., Kaya M., Wyman M. & Barraclough T.G. 2011. Cryptic diversity in the genus *Adineta* Hudson & Gosse, 1886 (Rotifera: Bdelloidea: Adinetidae): a DNA taxonomy approach. *Hydrobiologia* 662: 27-33.
- Fontaneto D.** & **Jondelius, U.** 2011. Broad taxonomic sampling of mitochondrial cytochrome c oxidase subunit I does not resolve the relationships between Rotifera and Acanthocephala. *Zoologischer Anzeiger* 250: 80-85.
- Fontaneto D.**, Tommaseo-Ponzetta M., Galli C., Risé P., Glew R.H. & Paoletti M.G. 2011. Differences in fatty acid composition between aquatic and terrestrial insects used as food in human nutrition. *Ecology of Food and Nutrition* 50: 351-367.
- Fontaneto D.**, Westberg M. & Hortal J. 2011. Evidence of weak habitat specialisation in microscopic animals. *PLoS ONE* 6(8), e23969: 1-7.
- Gollner S., **Fontaneto D.** & Martínez Arbizu P. 2011. Molecular taxonomy confirms traditional classification of deep-sea hydrothermal vent copepods (Dirivultidae)

and suggests broad physiological tolerance of species and frequent dispersal along ridges. *Marine Biology* 158: 221-231.

- Holovachov O., Boström S.** & De Ley P. 2011. Description of *Cervidellus caucetensis* sp. n. (Rhabditida: Cephalobidae) from Argentina. *Journal of Nematode Morphology & Systematics* 14: 21-26.
- Holovachov O., **Boström S.**, Reid N., **Warén A.** & Schander C. 2011. *Endeolophos skeneae* sp. nov. (Chromadoridae) – a free-living marine nematode epibiotically associated with deep-sea gastropod *Skenea profunda* (Skeneidae). *Journal of the Marine Biological Association of the United Kingdom* 91: 387-394.
- Holovachov O., **Boström S.**, Robinson C., Tandingan De Ley I. & Nadler S.A. 2011. Redescription of *Placodira lobata* Thorne, 1937 (Rhabditida: Cephalobidae) with a discussion of the systematic position of the genus. *Nematology* 13: 103-114.
- Jondelius U.**, Wallberg A., Hooge M. & Raikova O.I.. 2011. How the worm got its pharynx: Phylogeny, classification and Bayesian assessment of character evolution in Acoela. *Systematic Biology* 60: 845-871.
- Kunze T.** 2011. *Dilwynella voightae* new species, a new skeneimorph gastropod (Turbinidae) from the western Atlantic and a new record of *Dilwynella modesta* (Dall, 1889). *Nautilus* 125: 36-40.
- Kånneby T.** 2011. New species and records of freshwater Chaetonotida (Gastrotricha) from Sweden. *Zootaxa* 3115: 29-55.
- Kånneby T.** 2011. Gastrotricha of Sweden – biodiversity and phylogeny. Doctoral Thesis, Department of Zoology, University of Stockholm.
- Matabos M., Plouviez S., Hourdez S., Desbruyères D., Legendre P., **Warén A.**, Jollivet D. & Thiébaudet E. 2011. Faunal changes and geographic crypticism indicate the occurrence of a biogeographic transition zone along the southern East Pacific Rise. *Journal of Biogeography* 38: 575-594.
- Nilsson K. S.**, Wallberg A. & **Jondelius U.** 2011. New species of Acoela from the Mediterranean, the Red Sea, and the South Pacific. *Zootaxa* 2867: 1-31.
- Obst M., Nakano H., **Bourlat S.J.**, Thorndyke M.C., Telford M.J., Nyengaard J.R. & Funch P. 2011. Spermatozoon ultrastructure of *Xenoturbella bocki* (Westblad 1949). *Acta Zoologica* (Stockholm) 92: 109-115.
- Sautya S., Ingole B., Ray D., **Stöhr S.**, Samudrala K., Raju K.A.K. & Mudholkar A. 2011. Megafaunal community structure of Andaman seamounts including the Back-arc Basin - a quantitative exploration from the Indian Ocean. *PLoS One* 6 (1), e16162: 1-15.
- Severns M. & **Warén A.** 2011. Family Eulimidae Philippi, 1853. In: Severns M. (ed.) *Shells of the Hawaiian Islands. The Sea Shells*. ConchBooks, Hackenheim, Germany, pp. 200-215
- Sohlenius B., Boström S.** & Viketoft M. 2011. Effects of plant species and plant diversity on soil nematodes – a field experiment on grassland run for seven years. *Nematology* 13: 115-131.
- Stöhr S.** 2011. New records and new species of Ophiuroidea (Echinodermata) from Lifou, Loyalty Islands, New Caledonia. *Zootaxa* 3089: 1-50.
- Stöhr S.**, Jagt J.W.M. & Klompmaker A.A. 2011. *Ophiura paucilepis*, a new species of brittlestar (Echinodermata, Ophiuroidea) from the Pliocene of the southern North Sea Basin. *Swiss Journal of Palaeontology* 130: 113-121.
- Swanstrom J., Chen K., Castillo K., Barraclough T.G. & **Fontaneto D.** 2011. Testing for evidence of inefficient selection in bdelloid rotifers: do sample size and heterogeneity matter? *Hydrobiologia* 662: 19-25.

- Thuy B. & **Stöhr S.** 2011. Lateral arm plate morphology in brittle stars (Echinodermata: Ophiuroidea): new perspectives for ophiuroid micropalaeontology and classification. *Zootaxa* 3013: 1-47.
- Todaro M. A., **Kånneby T.**, Dal Zotto M. & **Jondelius U.** 2011. Phylogeny of Thaumastodermatidae (Gastrotricha: Macrodasyida) inferred from nuclear and mitochondrial sequence data. *PLoS ONE* 6(3), e17892: 1-13.
- Viketoft M. & **Sohlenius B.** 2011. Soil nematode populations in a grassland plant diversity experiment run for seven years. *Applied Soil Ecology* 48: 174-184.
- Viketoft M., **Sohlenius B.**, **Boström S.**, Palmborg C., Bengtsson J., Berg M. & Huss-Danell K. 2011. Temporal dynamics of soil nematode communities in a grassland plant diversity experiment. *Soil Biology & Biochemistry* 43: 1063-1070.
- Warén A.** 2011. Molluscs on biogenic substrates. In: Bouchet P., Le Guyader H. & Pascal O. (Eds), *The Natural History of Santo*. MNHN, Paris; IRD, Marseille; PNI, Paris, pp. 438-448.
- Warén A.**, Nakano T. & Sellanes J. 2011. A new species of *Iothia* (Gastropoda, Lepetidae) from Chilean methane seeps, with comments on the accompanying gastropod fauna. *Nautilus* 125: 1-14.

### **Rapporter/Reports**

- Nilsson, K.S.** 2010. New species of Acoela from the Mediterranean, the Red Sea and the South Pacific. Examensarbete, Zoologiska institutionen, Stockholms universitet, 50 pp.