

Publikationer 2020 – redovisade inom Svenska artprojektets forskningsanslag

Ahmed M., Boström S. & Holovachov O. (2020) Revision of the genus *Cobbionema* Filipjev, 1922 (Nematoda, Chromadorida, Selachinematidae). *European Journal of Taxonomy* 702: 1-34. DOI: 10.5852/ejt.2020.702

Ahmed M. & Holovachov O. (2020) Description of a new marine predatory nematode *Latronema dyngi* sp. nov. (Nematoda, Chromadorida, Selachinematidae) from the west coast of Sweden and an updated phylogeny of Chromadoria. *Marine Biodiversity* 50: 113. DOI: 10.1007/s12526-020-01129-w

Atherton S. & Jondelius U. (2020) Biodiversity between sand grains: Meiofauna composition across southern and western Sweden assessed by metabarcoding. *Biodiversity Data Journal* 8: e51813. DOI: 10.3897/BDJ.8.e51813

Broman E., Bonaglia S., Holovachov O., Marzocchi U., Hall P.O.J. & Nascimento F.J.A. (2020) Uncovering diversity and metabolic spectrum of animals in dead zone sediments. *Communications Biology* 3: 106. DOI: 10.1038/s42003-020-0822-7

Cannon P., Otolara M.A.G., Kosuthova A., Wedin M., Aptroot A., Coppins B. & Simkin J. (2020) Peltigerales: Collemataceae, including the genera *Blennothallia*, *Callome*, *Collema*, *Enchylum*, *Epiphloea*, *Lathagrium*, *Leptogium*, *Pseudoleptogium*, *Rostania* and *Scytinium*. *Revisions of British and Irish Lichens* 2: 1–38. DOI: 10.34885/174

Crous PW et al. (2020) Fungal Planet description sheets: 1112–1181. *Persoonia* 45: 251–457. [Fungal description sheet 1148 & 1152]

Diederich P., Millanes A.M., Coppins B.J. & Wedin M. (2020) *Tremella imshaugiae* and *T. tubulosae* (Tremellomycetes, Basidiomycota), two new lichenicolous fungi on *Imshaugia aleurites* and *Hypogymnia tubulosa*. *Bulletin de la Société des naturalistes luxembourgeois* 122 : 239–246

Erséus C., Williams B.W., Horn K.M., Halanych K.M., Santos S.R., James S.W., Creuzé des Châtelliers M. & Anderson F.E. (2020) Phylogenomic analyses reveal a Paleozoic radiation and support a freshwater origin for clitellate annelids. *Zoologica Scripta* 49: 614–640. DOI: 10.1111/zsc.12426

Ham D., Jaschhof M. & Bae Y.J. (2020) Mycophagous Gall Midges (Diptera, Cecidomyiidae) in Korea: Newly Recorded Species with Discussion on Four Years of Taxonomic Inventory. *Animal Systematics, Evolution and Diversity* 36(1): 60–77. DOI: 10.5635/ASED.2020.36.1.055

Hansson C. & Schmidt S. (2020) A revision of European species of the genus *Tetrastichus* Haliday (Hymenoptera: Eulophidae) using integrative taxonomy. *Biodiversity Data Journal* 8: e59177. DOI: 10.3897/BDJ.8.e59177

Jaschhof M. & Jaschhof C. (2020) High time for omtanke: New mycophagous gall midges (Diptera: Cecidomyiidae) from a floodplain forest in central Sweden threatened by continuous clear-felling. *Entomologisk Tidskrift* 141(4): 191–206.

Jaschhof M. & Jaschhof C. (2020) *Wheeleriola perplexa* gen. et sp. nov., the first member of *Catotrichinae* (Diptera: Cecidomyiidae) found in New Zealand. *Zootaxa* 4852(5): 565–570. DOI: 10.11646/zootaxa.4852.5.4

Jaschhof M. & Jaschhof C. 2020. Reevaluation of species richness in *Winnertzia* (Diptera, Cecidomyiidae, Winnertziinae), with descriptions of 37 new species from Sweden, Peru and Australia. *Zootaxa* 4829(1): 1–72. DOI: 10.11646/zootaxa.4829.1.1

Jaschhof M. & Jaschhof C. (2020) An update of *Micromyinae* (Diptera: Cecidomyiidae) taxonomy, with descriptions of a new genus and 13 new species from Northern Europe. *Zootaxa* 4750(3): 349–369. DOI: 10.11646/zootaxa.4750.3.3

Jaschhof M. & Jaschhof C. (2020) The *Porricondylini* (Diptera: Cecidomyiidae: *Porricondylinae*) of Sweden revisited: descriptions of nineteen new species of ten genera, including a new genus. *Zootaxa* 4728(2): 151–182. DOI: 10.11646/zootaxa.4728.2.1

Jeppson M., Molia A., Gustafsson D. & Larsson E. (2020) Fem för Sverige nya hjorttryfflar (Elaphomyces). *Svensk Mykologisk Tidskrift* 41(2): 2–11.

Jeppson M., Molia A., Gustafsson D. & Larsson E. (2020). Nya och sällsynta svenska hjorttryfflar. *Svensk Mykologisk Tidskrift* 41(3): 2–12.

Jones E.B.G., Devadatha B., Abdel-Wahab M.A., Dayarathne M.C., Zhang S-N, Hyde K.D., Liu J-K, Bahkali A., Sarma V.V., Tibell S., Tibell L., Wang M-M., Liu F. & Cai L. (2020) Phylogeny of new marine Dothideomycetes and Sordariomycetes from mangroves and deep-sea sediments. *Botanica Marina* 62: 155-181. DOI: 10.1515/bot-2019-0014

Kosuthova A., Bergsten J., Westberg M., Wedin M. (2020) Species delimitation in the cyanolichen genus *Rostania*. *BMC Evolutionary Biology* 20: 115. DOI: 10.1186/s12862-020-01681-w

Molia A., Larsson E., Jeppson M., Læssøe T. & Larsson K-H. (2020) Elaphomyces section Elaphomyces (Eurotiales, Ascomycota)- taxonomy and phylogeny of North European taxa, with the introduction of three new species. *Fungal Systematics and Evolution* 5: 283–300. DOI: 10.3114/fuse.2020.05.14

Jones E.B.G., Devatha B., Abdel-Wahab M.A., Dayarathne M.C., Zhang S.-N., Hyde K.D., Liu J.-K., Bahkali A., Sarma V.V., Tibell S., Tibell L., Wang M.-M., Liu F. & Cai L. (2020) Phylogeny of new marine Dothideomycetes and Sordariomycetes from mangroves and deep-sea sediments. *Botanica Marina* 63(2): 155–181. DOI: 10.1515/bot-2019-0014

Karlsson D., Hartop E, Forshage M., Jaschhof M. & Ronquist F. (2020) The Swedish Malaise Trap Project: A 15 Year Retrospective on a Countrywide Insect Inventory. *Biodiversity Data Journal* 8: e47255.

Leidenberger S., Boström S. & Wayland M.T. (2020) Host records and geographical distribution of *Corynosoma magdaleni*, *C. semerme* and *C. strumosum* (Acanthocephala: Polymorphidae). *Biodiversity Data Journal* 8: e50500. DOI: 10.3897/BDJ.8.e50500

Martinsson S., Klinth M. & Erséus C. (2020) Testing species hypotheses for *Fridericia magna*, an enchytraeid worm (Annelida, Clitellata) with great mitochondrial variation. *BMC Evolutionary Biology* 20(116). DOI: 10.1186/s12862-020-01678-5

Olariaga I., Huhtinen S., Læssøe T., Petersen J.H., Hansen K. (2020) Phylogenetic origins and family classification of typhuloid fungi, with emphasis on *Ceratellopsis*, *Macrotyphula* and *Typhula* (Basidiomycota). *Studies in Mycology* 96: 155–184. DOI:10.1016/j.simyco.2020.05.003

Pölme S., Abarenkov K., Nilsson H. *et al.* with 138 authors including Hansen K. (2020) FungalTraits: a user-friendly traits database of fungi and fungus-like stramenophiles. *Fungal Diversity* 105: 1–16. DOI: 10.1007/s13225-020-00466-2

Ronquist F., Forshage M., Häggqvist S., Karlsson D., Hovmöller R., Bergsten J., Holston K., Britton T., Abenius J., Andersson B., Buhl P.N., Coulianos C.-C., Fjellberg A., Gertsson C-A., Hellqvist S., Jaschhof M., Kjærandsen J., Klopstein S., Kobro S., Liston A., Meier R., Pollet M., Prous M., Riedel M., Roháček J., Schuppenhauer M., Stigenberg J., Struwe I., Taeger A., Ulefors S-O., Varga O., Withers P. & Gärdenfors U. (2020) Completing Linnaeus's inventory of the Swedish insect fauna: Only 5,000 species left? *PLoS ONE* 15(3): e0228561. DOI: 10.1371/journal.pone.0228561

Sikora T., Jaschhof M. & Kurina O. (2020) Additions to the Estonian fauna of mycophagous Cecidomyiidae (Diptera), with a description of *Unicornella estonensis* gen. et sp. nov. *Zootaxa* 4851(2): 349–363. DOI: 10.11646/zootaxa.4851.2.8

Spribille T., Fryday A.M., Pérez-Ortega S., Svensson M., Tønsberg T., Ekman S., Holien H., Resl P., Schneider K., Stabentheiner E., Thüs H., Vondrák J. & Sharman L. (2020) Lichens and associated fungi from Glacier Bay National Park, Alaska. *The Lichenologist* 52: 61–181. DOI: 10.1017/S0024282920000079

Svensson M., Vicente R. & Westberg M. (2020) Additions to the lichen flora of Fennoscandia IV. *Graphis Scripta* 32: 52–62.

Tibell S., Tibell L., Pang K.-L., Calabon M. & Jones E.B.G. (2020) Marine fungi of the Baltic Sea. *Mycology* 11(3): 195–213. DOI: 10.1080/21501203.2020.1729886

Tibell S., Tibell L., Pang K.-L. & Jones E.B.G. (2020) A conspectus of the filamentous marine fungi of Sweden. *Botanica Marina* 63(2): 141–153. DOI: 10.1515/bot-2018-0114

Vauras J. & Larsson E. (2020) First records of *Inocybe melleiconica* and *I. pararubens* for Northern Europe with a new variety from the alpine zone of the Scandinavian mountains. *Karstenia* 58: 29–40. DOI: 10.29204/ka.2020.487

Zamora J.C. & Ekman S. (2020) Phylogeny and character evolution in the Dacrymycetes, and systematics of Unilacrymaceae and Dacryonaemataceae fam. nov. *Persoonia* 44: 161–205.