

## Svante Martinsson

### Personal

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### Summary

I am a PhD with a robust understanding of molecular phylogenetics with particular focus on species delimitation and DNA barcoding. I have published 44 peer reviewed papers, whereof 21 first author publications (including three single-authored), mainly focussing on species delimitation. I have published on a range of different taxa, from annelid worms to birds, and fungi, and I have described eight new taxa. I have an extensive teaching record with over 1700 hours experience in 15 different undergraduate courses. I take pride in finishing projects on time.

### Post-doctoral research experience

<b>2020.01-12 Researcher</b>	Department of Biological and Environmental Sciences, University of Gothenburg <i>Systematics of Clitellata</i>
<b>2018.01-06 Researcher</b>	Department of Biological and Environmental Sciences, University of Gothenburg. <i>Systematics of Clitellata</i>
<b>2017.03-05 Researcher</b>	Department of Biological and Environmental Sciences, University of Gothenburg. <i>Systematics of Clitellata</i>
<b>2017.02-03 Researcher</b>	Department of Marine Sciences, University of Gothenburg. <i>Development of a protocol for using ddPCR on eDNA to detect invasive and/or rare species</i>

### Academic qualifications:

#### **2012–2017 Doctor of Philosophy (PhD) in Zoological Systematics and Biodiversity.**

Department of Biological and Environmental Sciences, University of Gothenburg.

**Thesis:** Exploring the species boundaries in terrestrial clitellates (Annelida: Clitellata),

Supervisor: Prof. Christer Erséus defended 2016-11-18

#### **2008–2010 Master in Biology with focus on Zoological Systematics and Biodiversity. 120 hp**

University of Gothenburg.

**Thesis:** On the phylogeny of the fungus gnat genus *Boletina* (Diptera: Mycetophilidae) 45 hp.

Supervisors: Dr. Jostein Kjærandsen, Prof. Per Sundberg

#### **2005–2008 Bachelor of Science in Biology (180 hp), University of Kalmar.**

**Thesis:** Nordic Fungus Gnats of the Genus *Urytalpa* Edwards (Diptera: Keroplatidae) 15 hp.

Supervisor: Dr. Jostein Kjærandsen

## Employment history

<b>2022.05- Biologist</b>	Clinical pathology, Sahlgrenska University Hospital
<b>2021.09-2022.02 Marine biologist</b>	MMT/Ocean Infinity
<b>2021.04 Adjunct lecturer</b>	Department of Marine Sciences, University of Gothenburg.
<b>2020.01-12 Researcher</b>	Department of Biological and Environmental Sciences, University of Gothenburg.
<b>2019.08-12 Teaching assistant</b>	Department of Biological and Environmental Sciences, University of Gothenburg.
<b>2019.06-12 Research assistant</b>	MaskMedMera
<b>2019.03-06 Adjunct lecturer</b>	Department of Biological and Environmental Sciences, University of Gothenburg.
<b>2019.03-04 Marine Biologist</b>	MMT
<b>2019.01-05 External examiner</b>	University of South-East Norway
<b>2018.09-11 Marine biologist</b>	MMT
<b>2018.07-08 Adjunct lecturer</b>	Department of Biological and Environmental Sciences, University of Gothenburg.
<b>2018.01-06 Researcher</b>	Department of Biological and Environmental Sciences, University of Gothenburg.
<b>2017.07-2018.01 Marine biologist</b>	MMT
<b>2017.03-05 Researcher</b>	Department of Biological and Environmental Sciences, University of Gothenburg.
<b>2017.02-03 Researcher</b>	Department of Marine Sciences, University of Gothenburg.
<b>2012.01–2017.02 PhD student</b>	Department of Biological and Environmental Sciences, University of Gothenburg.
<b>2011 Laboratory assistant</b>	Department of Zoology, University of Gothenburg.
<b>2004-2009 Assistant</b>	Swedish Malaise Trap Project, Swedish Museum of Natural History.

## Publications

### Submitted manuscripts

Martin, P., Fend, S., **Martinsson, S.**, Klinth, M., Torii, T., Erséus, C. (under revision) Molecular phylogeny leads the way towards a revision of Haplotaenidae (Annelida: Clitellata).

### Peer-reviewed scientific papers

Papers marked with “†” were included in my PhD thesis.

44. Klinth, M., Rota, E., **Martinsson, S.**, Erséus, C. (in press) *Paralumbricillus* gen. nov. and other new marine enchytraeids from the North Atlantic. *Fauna norvegica*, accepted for publication.
43. Chakma, S., **Martinsson, S.**, Naveed, M.I. (2024) DNA barcoding and genetic distances in three genera of Naididae (Annelida: Clitellata). *Biologia*, 75, 1359-1366. doi: 10.1007/s11756-024-01622-8.
42. Seesamut, T., Oba, Y., Jirapatrasilp, P., **Martinsson, S.**, Lindström, M., Erséus, C., Panha, S. (2024) Global species delimitation of the cosmopolitan marine littoral earthworm *Pontodrilus litoralis* (Grube, 1855). *Scientific Reports*, 14, 1753. doi: 10.1038/s41598-024-52252-8.
41. Mack, J.M., Klinth, M., **Martinsson, S.**, Lu, R., Stormer, H., Hanington, P., Proctor, H.C., Erséus, C., Bely, A.E. (2023) Cryptic carnivores: intercontinental sampling reveals extensive novel diversity in a genus of freshwater annelids. *Molecular Phylogenetics and Evolution*, 182, 107748. doi: 10.1016/j.ympev.2023.107748.

40. Karlsson, R., Tivefälth, M., Duranović, I., **Martinsson, S.**, Kjølhamar, A., Murvoll, K.M. (2022) Artificial hard substrate colonisation in the offshore Hywind Scotland Pilot Park. *Wind Energy Science*, 7, 801–814. doi: 10.5194/wes-7-801-2022
39. **Martinsson, S.**, Malmberg, K., Bakken, T., Korshunova, T., Martynov, A., Lundin, K. (2021) Species delimitation and phylogeny of *Doto* (Nudibranchia: Dotidae) from the Northeast Atlantic, with a discussion on food specialization. *Journal of Zoological Systematics and Evolutionary Research*, 59: 1754–1774. doi:10.1111/jzs.12561
38. Klinth, M., Rota, E., **Martinsson, S.**, Prantoni, A., Erséus, C. (2022) New insights into the systematics of *Lumbricillus* and *Marionina* (Clitellata: Enchytraeidae) inferred from Southern Hemisphere samples, including three new species. *Zoological Journal of the Linnean Society*, 194: 1103–1133. doi: doi.org/10.1093/zoolinnean/zlab073
37. **Martinsson, S.**, Klinth, M., Erséus, C. (2021) Distribution and genetic diversity of two earthworms, *Helodrilus oculatus* and *Satchellius mammalis* (Clitellata: Lumbricidae) in Scandinavia. *Fauna Norvegica*, 41: 1–14. doi: 10.5324/fn.v41i0.3874
36. Erséus, C., Martin, P., **Martinsson, S.**, Timm, T. (2021). Case 3826 – *Propappus* Michaelsen, 1905 and PROAPPIDAE Coates, 1986 (Annelida, Clitellata): proposed conservation by suppression of *Propappus* Seeley, 1888 (Vertebrata, Reptilia). *The Bulletin of Zoological Nomenclature*, 78: 17–25. doi: 10.21805/bzn.v78.a006
35. **Martinsson, S.**, Erséus, C: (2021) Cryptic Clitellata: Molecular Species Delimitation of Clitellate Worms (Annelida): An Overview. *Diversity*, 13: 36. doi: 10.3390/d13020036
34. **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
33. Srinivasan, S.\* , **Martinsson, S.\*** , Naveed, M.I. (2020) On the identity and phylogenetic position of *Dero indica* (Clitellata: Naididae). *Biologia*, 75: 1685–1689. doi:10.2478/s11756-020-00422-0  
\*joint first authors
32. Chakma, S., **Martinsson, S.**, Srinivasan, S., Ghani A.A., Adam, R., Naveed, M.I. (2020) Preliminary report on freshwater oligochaetes from some districts of Tamil Nadu (India), along with the DNA barcode sequence of a commercially important oligochaete in Chennai. *Zoosymposia*, 17: 45–52. doi: 10.11646/zoosymposia.17.1.7
31. **Martinsson, S.** (2019) A morphology-based identification key to the *Cognettia* species of the world (Clitellata: Enchytraeidae). *Soil Organisms*, 91: 37–43. doi:10.25674/so91103
30. Erséus, C., Klinth, M.J., Rota, E., De Wit, P., Gustafsson, D.R., **Martinsson, S.** (2019) The popular model annelid *Enchytraeus albidus* is only one species in a complex of seashore White Worms (Clitellata, Enchytraeidae). *Organisms Diversity & Evolution*, 19: 105–133. doi: 10.1007/s13127-019-00402-6
29. **Martinsson, S.**, Klinth, M., Erséus, C. (2018) A new Scandinavian *Chamaedrilus* species (Clitellata: Enchytraeidae), with additional notes on others. *Zootaxa*, 4521: 417–429. doi:10.11646/zootaxa.4521.3.7
28. Martin, P., **Martinsson, S.**, Wuillot, J., Erséus, C. (2018) Integrative species delimitation and phylogeny of the branchiate worm *Branchiodrilus* (Clitellata, Naididae). *Zoologica Scripta*, 47: 727–742. doi: 10.1111/zsc.12316
27. Rota, E., **Martinsson, S.**, Erséus, C., Petushkov, V. N., Rodionova N. S., Omodeo, P. (2018) Green light to an integrative view of *Microcolex phosphoreus* (Dugès, 1837) (Annelida: Clitellata: Acanthodrilidae). *Zootaxa*, 4496: 175–189. doi: 10.11646/zootaxa.4496.1.13
26. Rota, E., **Martinsson, S.**, Erséus, C. (2018) Two new bioluminescent *Henlea* from Siberia and lack of molecular support for *Hepatogaster* (Annelida, Clitellata, Enchytraeidae). *Organisms Diversity and Evolution*, 18: 291–312. doi: 10.1007/s13127-018-0374-6

25. **Martinsson, S.**, Erséus, C. (2018) Cryptic diversity in supposedly species-poor genera of Enchytraeidae (Annelida: Clitellata). *Zoological Journal of the Linnean Society*, 184: 749–762. doi:10.1093/zoolinnean/zlx084
24. **Martinsson, S.**, Erséus, C. (2018) Hybridisation and species delimitation of Scandinavian *Eisenia* spp. (Clitellata: Lumbricidae). *European Journal of Soil Biology*, 88: 41–47. doi:10.1016/j.ejsobi.2018.06.003
23. Schmelz, R. M., Beylich, A., Boros, G., Dózsa-Farkas, K., Graefe, U., Hong, Y., Römbke, J., Schlaghamerský, J., **Martinsson, S.** (2017) How to deal with cryptic species in Enchytraeidae, with recommendations on taxonomical descriptions. *Opuscula Zoologica*, 48, Supplementum 2: 45–51. doi: 10.18348/opzool.2017.S2.45 (Authors 2–8 listed in alphabetical order)
22. Liu, Y., Fend, S. V., **Martinsson, S.**, Luo, X., Ohtaka, A., Erséus, C. (2017) Multi-locus phylogenetic analysis of the genus *Limnodrilus* (Annelida: Clitellata: Naididae). *Molecular Phylogenetics and Evolution*, 112: 244–257. doi:10.1016/j.ympev.2017.04.019.
21. Liu, Y., Fend, S. V., **Martinsson, S.**, Erséus, C. (2017) Extensive cryptic diversity in the cosmopolitan sludge worm *Limnodrilus hoffmeisteri* (Clitellata, Naididae). *Organisms Diversity & Evolution*. 17: 477–495. doi:10.1007/s13127-016-0317-z.
20. **Martinsson, S.**, Dózsa-Farkas, K., Rota, E., Erséus, C. (2017) Placing the forgotten: On the positions of *Euenchytraeus* and *Chamaedrilus* in an updated enchytraeid phylogeny (Clitellata: Enchytraeidae). *Invertebrate Systematics*, 31: 85–90. doi: 10.1071/IS16042.
- 19†. **Martinsson, S.**, Rhodén, C., Erséus, C. (2017) Barcoding gap, but no support for cryptic speciation in the earthworm *Aporrectodea longa* (Clitellata: Lumbricidae). *Mitochondrial DNA part A*, 28: 147–155. doi:10.3109/19401736.2015.1115487.
18. Klinth, M. J., **Martinsson, S.**, Erséus, C. (2017) Phylogeny and species delimitation of North European *Lumbricillus* (Clitellata, Enchytraeidae). *Zoologica Scripta*, 46: 96–110. doi:10.1111/zsc.12187.
- 17†. **Martinsson, S.**, Erséus, C. (2017) Cryptic speciation and limited hybridization within *Lumbricus* earthworms (Clitellata: Lumbricidae). *Molecular Phylogenetics and Evolution*, 106: 18–27. doi:10.1016/j.ympev.2016.09.011. **Selected as Editor's choice**
16. Torii, T., Erséus, C., **Martinsson, S.** & Ito, M. (2016) Morphological and genetic characterization of the first species of *Thalassodrilides* (Annelida: Clitellata: Naididae: Limnodriloidinae) from Japan. *Species Diversity*, 21: 117–125. doi:10.12782/sd.21.2.117.
15. Abarenkov, K., Adams, R.I., Laszlo, I., Agan, A., Ambrosio, E., Antonelli, A., Bahram, M., Bengtsson-Palme, J., Bok, G., Cangren, P., Coimbra, V., Coleine, C., Gustafsson, C., He, J., Hofmann, T., Kristiansson, E., Larsson, E., Larsson, T., Liu, Y., **Martinsson, S.**, Meyer, W., Panova, M., Pombubpa, N., Ritter, C., Ryberg, M., Svantesson, S., Scharn, R., Svensson, O., Töpel, M., Unterseher, M., Visagie, C., Wurzbacher, C., Taylor, A.F.S., Köljalg, U., Schriml, L., Nilsson, R.H. (2016) Annotating public fungal ITS sequences from the built environment according to the MiS-Built Environment standard – a report from a May 23–24, 2016 workshop (Gothenburg, Sweden). *MycoKeys*, 16: 1–15. doi:10.3897/mycokeys.16.10000. (Authors 4–32 are listed alphabetically)
14. **Martinsson, S.** (2016) A case of total absence of yellow in the Golden Whistler *Pachycephala pectoralis*. *Australian Field Ornithology*, 33: 28–29. doi:10.20938/afo33028029.
13. Rota, E., **Martinsson, S.**, Bartoli, M., Beylich, A., Graefe, U., Laini, A., Wetzel, M.J., Erséus, C. (2016) Mitochondrial evidence supports a Nearctic origin for the spreading limicolous earthworm *Sparganophilus tamesis* Benham, 1892 (Clitellata, Sparganophilidae). *Contributions to Zoology*, 85: 113–119. doi: 10.1163/18759866-08501005.
12. **Martinsson, S.**, Cui, Y., Martin, P. J., Pinder, A., Quinlan, K., Wetzel, M. J., Erséus, C. (2015) DNA-barcode of invasive European earthworms (Clitellata: Lumbricidae) in south-western Australia.

- Biological Invasions*, 17: 2527–2532. doi:10.1007/s10530-015-0910-7. (Authors 2–6 listed alphabetically)
11. **Martinsson, S.**, Rota, E., Erséus, C. (2015) On the identity of *Chamaedrilus glandulosus* (Michaelsen, 1888) (Clitellata, Enchytraeidae), with the description of a new species. *Zookeys*, 501: 1–14. doi:10.3897/zookeys.501.9279.
  - 10†. **Martinsson, S.**, Rota, E., Erséus, C. (2015) Revision of *Cognettia* (Clitellata, Enchytraeidae): re-establishment of *Chamaedrilus* and description of cryptic species in the *sphagnetorum* complex. *Systematics and Biodiversity*, 13, 257–277. doi:10.1080/14772000.2014.986555
  9. Wahlberg, E., Baião, G. C., Häggqvist, S., **Martinsson, S.**, Pistone, D., Pape, T. (2014) *Ancistrocerus waldenii waldenii* (Viereck 1906) (Hymenoptera: Vespidae, Eumeninae), a new addition to the fauna of Greenland. *Zootaxa*, 3838, 143–150. doi:10.11646/zootaxa.3838.1.9. (Authors 2–5 listed alphabetically)
  8. Nilsson, R.H., Hyde, K.D., Pawlowska, J., Ryberg, M., Tedersoo, L., Aas, A.B., Alias, S.A., Alves, A., Anderson, C.L., Antonelli, A., Arnold, A.E., Bahnmann, B., Bahram, M., Bengtsson-Palme, J., Berlin, A., Branco, S., Chomnunti, P., Dissanayake, A., Drenkhan, R., Friberg, H., Froslev, T.G., Halwachs, B., Hartmann, M., Henricot, B., Jayawardena, R., Jumpponen, A., Kauserud, H., Koskela, S., Kulik, T., Liimatainen, K., Lindahl, B.D., Lindner, D., Liu, J.K., Maharachchikumbura, S., Manamgoda, D., **Martinsson, S.**, Neves, M.A., Niskanen, T., Nylander, S., Pereira, O.L., Pinho, D.B., Porter, T.M., Queloz, V., Riit, T., Sanchez-Garcia, M., de Sousa, F., Stefanczyk, E., Tadych, M., Takamatsu, S., Tian, Q., Udayanga, D., Unterseher, M., Wang, Z., Wikee, S., Yan, J.Y., Larsson, E., Larsson, K.H., Koljalg, U., Abarenkov, K. (2014) Improving ITS sequence data for identification of plant pathogenic fungi. *Fungal Diversity*, 67: 11–19. doi: 10.1007/s13225-014-0291-8. (Authors 6–54 listed alphabetically)
  - 7†. **Martinsson, S.**, Erséus, C. (2014) Cryptic diversity in the well-studied terrestrial worm *Cognettia sphagnetorum* (Clitellata: Enchytraeidae). *Pedobiologia*, 57: 27–35. doi:10.1016/j.pedobi.2013.09.006.
  6. Timm, T., Arslan, N., Rüzgar, M., **Martinsson, S.**, Erséus, C. (2013). Oligochaeta (Annelida) of the profundal of Lake Hazar (Turkey), with description of *Potamothrix alatus hazaricus* n. ssp. *Zootaxa*, 3716: 144–156. doi:10.11646/zootaxa.3716.2.2.
  - 5†. **Martinsson, S.**, Achurra, A., Svensson, M., Erséus, C. (2013) Integrative taxonomy of the freshwater worm *Rhyacodrilus falciformis* s.l. (Clitellata: Naididae), with the description of a new species. *Zoologica Scripta*, 42: 612–622. doi:10.1111/zsc.12032.
  4. **Martinsson, S.**, Kjærandsen, J. (2012) *Katatopygia* gen. n., a monophyletic branch segregated from *Boletina* (Diptera, Mycetophilidae). *Zookeys*, 175: 37–67. doi:10.3897/zookeys.175.2388.
  3. **Martinsson, S.**, Kjaerandsen, J., Sundberg, P. (2011) Towards a molecular phylogeny of the fungus gnat genus *Boletina* (Diptera: Mycetophilidae). *Zoologica Scripta*, 40: 272–281. doi:10.1111/j.1463-6409.2011.00474.x.
  2. **Martinsson, S.** (2011) Nya fynd av rödlistade och sällsynta platthornsmygg (Diptera: Keroplatidae) från Svenska Malaisefälleprojektet. *Entomologisk Tidskrift*, 132: 194–196.
  1. Kjærandsen, J., **Martinsson, S.**, Hedmark, K., Evenhuis, N. L. (2009) On the genus *Urytalpa* Edwards (Diptera: Keroplatidae) in the Nordic and Nearctic regions, with fixation of a new type species and a key to world males. *Zootaxa*, 2160: 29–50.

#### Peer-reviewed reports

Erséus, C., Klinth, M., & **Martinsson, S.** (2023). *Etablering av bibliotek av DNA-streckkoder från svenska gördelmaskar (Annelida)*. Rapport 7097. 98 pp. Stockholm: Naturvårdsverket.

#### Non peer-reviewed scientific contributions

Rota, E., **Martinsson, S.**, Erséus, C. (2015). Comment on the proposed precedence of *Cognettia Nielsen & Christensen, 1959* over *Euencyhytraeus* Bretscher, 1906 and *Chamaedrilus* Friend, 1913 (Annelida, Oligochaeta, ENCHYTRAIDAE) (Case 3689; see BZN 72: 186–192). *Bulletin of Zoological Nomenclature*, 72: 303–307.

**Martinsson, S.**, Rota, E., Erséus, C. (2015). Corrigenda: Martinsson S, Rota E, Erséus C (2015) On the identity of *Chamaedrilus glandulosus* (Michaelsen, 1888) (Clitellata, Enchytraeidae), with the description of a new species. *ZooKeys* 501: 1–14. doi: 10.3897/zookeys.501.9279. *Zookeys*, 504: 153–154. doi:10.3897/zookeys.504.9972.

### Popular science

Lundin, K., Malmberg, K., **Martinsson, S.**, Picton, B. (2017) Ny sniglkott på Västkusten. *Fauna och Flora*, 112, 3: 18–19

### Conference presentations

**Martinsson, S.**, Klinth, M., Erséus, C. (2018). A new limnic *Chamaedrilus* species (Clitellata: Enchytraeidae) from Scandinavia (Poster presentation) *International Symposium on Enchytraeidae XIII*. Versailles, France. June 4–6, 2018

**Martinsson, S.** (2016). Is *Stercutus* really monotypic? (Oral presentation) *International Symposium on Enchytraeidae XII*. Tihany, Hungary. June 27–29, 2016

**Martinsson, S.** (2015). On the systematics of *Chamaedrilus* and *Euencyhytraeus* (Enchytraeidae). (Oral presentation) *13<sup>th</sup> International Symposium on Aquatic Oligochaeta*. Brno, Czech Republic. September 7–11, 2015

**Martinsson, S.**, Erséus, C. (2014). Diversity of *Cognettia* in Northern Europe. (Oral Presentation) *International Symposium on Enchytraeidae XI*. Osnabrück, Germany. July 25–27, 2014

**Martinsson, S.** (2013). Cryptic diversity, delimitation and phylogeny of Nordic species of *Cognettia* (Clitellata: Enchytraeidae). (Oral presentation) *ForBio annual meeting*. Oslo, Norway. Mars 4–6, 2013

**Martinsson S.**, Erséus C. (2012). Species delimitation and phylogeny of Nordic *Cognettia* (Clitellata: Enchytraeidae). (Oral presentation) *12<sup>th</sup> International Symposium on Aquatic Oligochaeta*. Fremantle, Western Australia, Australia. September 10–13, 2012

### Awards

Best student presentation, at 12<sup>th</sup> International Symposium on Aquatic Oligochaeta, Australia, 2012.

### Grants and scholarships

2020	The Royal Society of Arts and Sciences in Gothenburg	10 000 SEK
	Travel grant for the International Symposium on Enchytraeidae XIV, Poland	
2017	The Royal Society of Arts and Sciences in Gothenburg	11 000 SEK
	Support for DNA-sequencing	
2016	The Royal Society of Arts and Sciences in Gothenburg	10 000 SEK
	Travel grant for the International Symposium on Enchytraeidae XII, Hungary	
2015	Royal Society of Arts and Sciences in Gothenburg	19 000 SEK
	Support for DNA-sequencing	
2014	The Royal Society of Arts and Sciences in Gothenburg,	25.100 SEK
	Support for DNA-sequencing and software	
2014	The Herbert and Karin Jacobsson foundation	10.000 SEK

Travel grant for the 13 <sup>th</sup> International Symposium on Aquatic Oligochaeta, Czech Republic	
2014 The Paul and Marie Berghaus endowment fund	10.000 SEK
Travel grant for the International Symposium on Enchytraeidae XI, Germany	
2013 The Wilhelm and Martina Lundgren Research foundation	20.000 SEK
Support for taxonomic revision of the <i>Cognettia sphagnetorum</i> -complex	
2013 The Adlebert Foundation	19.000 SEK
Travel grant, support for fieldwork in Victoria, Australia]	
2013 The Paul and Marie Berghaus endowment fund	10.000 SEK
Travel grant for PhD students, support for fieldwork in Poland and the Czech Republic	
2012 The Adlebert Foundation	22.500 SEK
Travel grant for the 12 <sup>th</sup> International Symposium on Aquatic Oligochaeta, Australia	
2012 The Paul and Marie Berghaus endowment fund	10.000 SEK
Travel grant for the 12 <sup>th</sup> International Symposium on Aquatic Oligochaeta, Australia	

## **Teaching experience**

### **Undergraduate courses**

#### **Lecturer**

• Naturvetenskapligt basår	NBAB10/20	2018-2020 (230 h)
• Floristik och Faunistik	BIO145	2018 (120 h)
• Världshaven och djupa sediment	MAV112	2021 (40 h)

#### **Teaching assistant**

• Marinbiologisk orienteringskurs	BIO040	2012 (35 h)
• Orienteringskurs artkändedom, växt-djur	BIO050	2012-2016 (124 h)
• Floristik och Faunistik	BIO145	2012-2016 (190 h)
• Organismers adaptationer	BIO185	2012-2013 (100 h)
• Naturvetenskapligt basår	NBAB10/20	2012-2016 (149 h)
• Biologi för gymnasiet 1	LGBI10	2012-2016, 2020 (180 h)
• Biologi för gymnasiet 2	LGBI20	2015 (10 h)
• Stream Ecology	BOI565	2012-2019 (190 h)
• Organismvärdens systematik och evolution	BIO920	2012-2015, 2019-2020 (236 h)
• Grundläggande evolutionära och ekologiska principer	MAR105/MAV106	2012-2020 (94 h)
• Ornithological identification methodology	BIO502	2016 (40 h)
• Ekologi och evolution	BIO915	2015 (20 h)
• Läkemedelsrådgivning och kommunikation	LRK200	2015 (8 h)

#### **External examiner**

• Biologi og Miljø	4014	2019 (9 h)
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## **Professional services**

### **University service**

2013-2016 PhD student representative, Advisory Board of Research  
 Dept. of Biological and Environmental Sciences, University of Gothenburg

## Society services

2019-2020 Election committee, Swedish Association of Systematic Biologists (Svenska Systematikföreningen)

2016-2018 Board member, Swedish Association of Systematic Biologists (Svenska Systematikföreningen)

## Manuscript Reviewer

I have reviewed manuscripts for the following journals, number of manuscripts in parenthesis.

*Anais da Academia Brasileira de Ciencias* (1), *BioInvasions Records* (1), *Biologia* (1), *BMC Evolutionary Biology* (1), *BMC Zoology* (1), *Check List* (1), *Contributions to Zoology* (1), *Diversity* (4), *Ecological Indicators* (1), *Ecology Letters* (1), *European Journal of Taxonomy* (1), *Evolutionary Applications* (1), *Folia Biologica (Kraków)* (1), *Frontiers in Genetics* (1), *Journal of Biogeography* (1), *Journal of Natural History* (1), *Journal of Zoological Systematics and Evolutionary Research* (1), *Mitochondrial DNA Part A* (1), *Mitochondrial DNA Part B* (1), *Molecular Phylogenetics and Evolution* (1), *Organisms Diversity & Evolution* (1), *PeerJ* (1), *Pedobiologia* (1), *PLOS ONE* (4), *Systematic Entomology* (1), *Turkish Journal of Zoology* (1), *Zookeys* (3), *Zoologica Scripta* (3), *Zoological Journal of the Linnean Society* (1), *Zootaxa* (6)

## New taxa

- *Chamaedrilus asloae* Martinsson, Klinth & Erséus, 2018 (now in *Cognettia*) Enchytraeidae
- *Henlea rodionovae* Rota, Martinsson & Erséus, 2018 Enchytraeidae
- *Henlea petushkovi* Rota, Martinsson & Erséus, 2018 Enchytraeidae
- *Chamaedrilus varisetosus* Martinsson, Rota & Erséus, 2015 (now in *Cognettia*) Enchytraeidae
- *Chamaedrilus chalupskyi* Martinsson, Rota & Erséus, 2015 (now in *Cognettia*) Enchytraeidae
- *Chamaedrilus pseudosphagnorum* Martinsson, Rota & Erséus, 2015 (now in *Cognettia*) Enchytraeidae
- *Rhyacodrilus pigueti* Achurra & Martinsson, 2013 Naididae
- *Katatopygia* Martinsson & Kjærandsen, 2012 Mycetophilidae