

Accessions to the Zoological Museum of the Finnish Museum of Natural History, University of Helsinki, in 2014

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The number of accessions in 2013 amounted to 1842 vertebrate specimens, 27,9827 insects and 4,889 samples of other invertebrates. The systematic groups represented are listed below.

Vertebrates

The vertebrate collections increased by 1842 samples, which included 200 mammals, 1552 birds, 49 reptiles, 24 amphibians and 17 fishes. Besides the conventional museum specimens, the current count includes 820 feather samples of raptor birds (Accipitriformes) collected at nest sites, and some muscle tissue samples with no morphological voucher material retained. Some interesting additions are mentioned below.

Mammalia: *Lemmus lemmus* (Linnaeus), 123 exx. *Le:* Enontekiö, Kilpisjärvi and *Lkem:* Kittilä, Pallasjärvi, autumn 2010, leg. Heikki Henttonen. This was just on the verge of the latest mass migration that peaked in 2011.

Delphinus delphis Linnaeus, *Ab:* south of Parainen, 13.11.2006, two individuals, the mother and a male calf, perished in a fish net (skeletons and tissue samples). There are only three previous records of the common dolphin from Finnish waters: a sighting in *Ab:* Airisto outside Turku, 29.9.1879 (Sanomia Turusta 1879), an animal caught in net in *Al:* Saltvik, Hjorta, Hjortundet, 16.5.1893 (Hufvudstadsbladet 1893) and a dead male stranded at *St:* Luvia, Säppi, middle of August 1997 (Helsingin Sanomat 1997; skel-

eton in the Zoological Museum of the University of Turku).

Amphibia: Type materials of several new species of fork-tongued frogs Dicroglossidae and narrow-mouthed toads Microhylidae from Bangladesh, donated by Mohammad Sajid Ali Howlander. These included *Microhyla nilphamariensis* Howlander, Nair, Gopalan, Merilä, 2015 ($N = 7$) and *Euphlyctis kalasgramensis* Howlander, Nair, Gopalan, Merilä, 2015 ($N = 15$), along with four other yet unnamed species.

Scolecormorphus vittatus (Boulenger), Tanzania, Usambara Mountains, 1.12.1996, leg. Juhani Terhivuo, det. Martti Hildén. The first sample of a buried-eyed caecilian (Scolecomorphidae) species in the collections.

Pisces: *Acipenser oxyrinchus* Mitchell, *Al:* Eckerö, Torp, 28.7.2013, leg. Ingvald Svensson, from a flounder net. A tagged sturgeon specimen stocked 11.4.2012 in the river Šventoji, Lithuania. The new production of sturgeon released into the Baltic are of a North American stock of the Atlantic sturgeon (*A. oxyrinchus*), since also the extinct Baltic sturgeons have turned out to be of that species rather than of the European sturgeon (*A. sturio*) as previously supposed (Ludwig et al., 2008).

Alosa fallax (Lacepède), *N*: Hanko, east of Tulliniemi, August 2004, leg. Magnus Ekström, from a flounder net. There are some ten reported catches of twaite shad from the Finnish coasts since year 2000 (Yrjölä et al. 2015).

Insects

The collection of insects increased 32,939 samples, representing different taxa as follows:

Blattodea	1
Diptera	825
Coleoptera	476
Hemiptera	21
Hymenoptera	666
Lepidoptera	2
Neuroptera	3
Orthoptera	1
Plecoptera	1
Trichoptera	1
Ordines minores	3
Insecta (+ Arachnida)	30,939

Data on some larger donations is missing, and will be included in next year's report.

Species new to Finland (details will be published elsewhere): Diptera Agromyzidae: *Phytomyza rapunculi* Hendel (Kaj Winqvist), Chloropidae: *Centorisoma elegantulum* Becker (Jari Flinck), Chyromyiidae: *Gymnochiromyia mihaalyii* Soos (Jari Flinck), Dolichopodidae: *Sybistroma discipes* (Germar) (Jussi Koistinen), Drosophilidae: *Drosophila tristis* Fallén (Antti Haarto), Scathophagidae: *Norellia tipularia* (Fabricius) (Jere Kahanpää), Sphaeroceridae: *Spelobia pappi* Rohacek (Antti Haarto).

Type material: Coleoptera Staphylinidae: *Anotylus rugosoides* Schülke, paratype (Juha Salokannel), Curculionidae: *Rhimusa pelletieri* Caldara, paratype (Michael, Kostal), Hymenoptera Ichneumonidae: *Zatypota kerstinae* Fritszén, holotype and 2 paratypes (Niclas Fritszén).

Invertebrates

The collection of (non-insect) invertebrates increased by 4,889 samples, which represented different taxa as follows:

Foraminifera	1
Cnidaria	21
Priapulida	1
Annelida	793
Arachnida	2,014
Crustacea	215
Myriapoda	19
Mollusca	1,663
Echinodermata	66
Platyhelminthes: Cestoda	89
Tunicata	5
Porifera	2

The larger materials included: Arachnida: 999 samples of Araneae from various locations in Finland beaten from bushes, 2011–2012, and 430 samples from *Obb*: Kemi, Ajos, 2014, leg. R.A. Väisänen, det. T. Pajunen, 58 samples from *Ks*: Kuusamo, Liikasenvaara and Oulanka National park, June 2011, leg. J. Terhivuo, det. T. Pajunen, 314 samples from Tanzania, Tanga region, West Usambara, 1996, leg. O. Biström, M. Nieminen, J. Terhivuo & P. Vilkkamaa, det. L. C. Crespo. Crustacea: 150 samples of Amphipoda from Russia: Lake Baikal, 2006–2009, chiefly from the study of Daneliya et al. (2011). Mollusca: 1,108 samples from southern Finland, 2007 and 2012, leg. & det. A. Koivunen, 244 samples from *N*: Helsinki, Espoo and Sipoo, 2007, leg. P. Ketola, det. R. Talman. Annelida: 294 samples of Lumbricidae from various locations in Finland, 1974–1981, leg. & det. J. Terhivuo. Cestoda: 55 samples from Ethiopia, Harar/Bilbe, 2011–2013, leg. Y. Terefe, Z. Hailemariam & S. Menkir, det. V. Haukisalmi.

In addition, 11,247 samples from the museum's old collections have been entered into the database.

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References

- Daneliya, M. E., R. M. Kamal'tynov & R. Väinölä, 2011: Phylogeography and systematics of *Acanthogammarus* s. str., giant amphipod crustaceans from Lake Baikal. — *Zoologica*.
- Helsingin Sanomat 24.8.1997: Porin edustalta löytyi kuollut delfiini.
- Helsingin Sanomat 28.8.1997: Luvian delfiini osoittautui juoksuaiheiseksi.
- Howlader, M. S. A., Nair, A., Gopalan, S. V. & Merilä, J. 2015: A New Species of *Euphylyctis* (Anura: Dicroglossidae) from Barisal, Bangladesh. — *PLoS ONE* 10(2): e0116666.
- Howlader, M. S. A., Nair, A., Gopalan, S. V. & Merilä, J. 2015. A New Species of *Microhyla* (Anura: Microhylidae) from Nilphamari, Bangladesh. — *PLoS ONE* 10(3): e0119825.
- Hufvudstadsbladet 23.5.1893, page 3.: En springare (s. k. stulsvin, *Delphinus delphis*) fick bonden J. U. Karlsson i Hjorta af Saltviks socken i tisdags afton i ett stornät i Hjortsundet.
- Ludwig, A., Arndt, U., Lippold S., Benecke N., Debus L., King T. L. & Matsumura, S. 2008: Tracing the first steps of American sturgeon pioneers in Europe. — *BMC Evolutionary Biology* 2008, 8:221, doi:10.1186/1471-2148-8-221.
- Sanomia Turusta 4.10.1879, page 2.: Merisian, (*Delphinus delphis*; walasten sukuinen meri-eläin, joka toisinaan tulee 5 kyynärän pitkäksi), näkivät rantamaalaiset Turkuun tuliat maanantaina Airistolla.
- Yrjölä S., Lehtonen H. & Nyberg K. 2015: Suomen kalat. — 272 pp. Kustannusosakeyhtiö Nemo, Helsinki.