

## Accessions to the Zoological Museum of the Finnish Museum of Natural History, University of Helsinki in 2009

Martti Hildén, Hans Silfverberg & Ritva Talman

*Zoological Museum, P.O.Box 17, FI-00014 University of Helsinki*

The number of accessions amounted to 895 vertebrates, 49,855 insects, and 9,714 samples of other invertebrates. The systematic groups represented are listed below and some noteworthy records for Finland are reported. *Bembidion obtusum* Serv. and *Polydrusus formosus* (Mayer) (Insecta: Coleoptera), *Culicoides dewulfi* (Goetgh.) (Insecta: Diptera), and *Thanatus arcticus* Thorell and *Palliduphantes insignis* (O. P.-Cambr.) (Araneida) are reported as new to Finland.

### Vertebrates Division

The vertebrate collections have increased by 895 samples distributed as follows: 467 mammals, 418 birds, 9 reptiles and 1 amphibian.

Among specimens of faunistic interest the following may be mentioned:

#### Mammalia

*Pipistrellus nathusii* (Keyserling & Blasius) from *Ab*: Dragsfjärd, Öro, 17.11.2008, leg. Jaakko Kullberg. This was the fourth museum sample of this rare southern species from Finland.

*Alces alces* (Linnaeus) from *Lkk*: Kittilä, Kiistala, Lehtoniemi, about 12.8.2008, antler found under a peat layer at a depth of 3,4 m, leg. Agnico-Eagle Mines Limited. The subfossil was aged to 8,900 years BP, that is the Ancyclus period.

*Elephantidae* Gray, 2 specimens with the following data: 1. *N*: Suomusjärvi, humerus found in a potato field in 1960, leg. Marja Simonsuuri. Based on diatom and pollen analysis, the bone is an ancient one and was placed in a secondary deposit (pers. comm. Mikael Fortelius). 2. *N*: Sipoo, Suomenlahti, SW side of Krokholmen, summer 2005, ulna found during the dredging of the sea lane to Vuosaari port, leg. the crew of the dredger Cornelia. Based on diatom analysis it was aged to

Eemian interglacial, about 120,000 years BP. These two were the 10<sup>th</sup> and 11<sup>th</sup> “Mammoth”-finds from Finland.

#### Aves

*Phylloscopus collybita collybita* (Vieillot) *Al*: Lemland, Långskär, 23.5.2006, leg. Sampo Laukanen, found dead in a bird-net. The first accepted record of the subspecies from Finland.

One large donation is to be mentioned in particular: Olavi Stenman donated his collection of 230 excellently prepared and well documented skulls of the Ringed Seal *Pusa hispida* (Schreber). These skulls date from the 1970s till 1990s, a period of great difficulties and slow recovery for the Baltic seal populations.

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## Division of Entomology

The entomological collections have received 49,855 specimens representing various insect orders as follows:

Orthoptera	21	Coleoptera	2,938
Dictyoptera	2	Lepidoptera	27,669
Psocoptera	1	Diptera	16,345
Hemiptera	529	Hymenoptera	2,340
Neuroptera	10		

The largest accessions were the Lepidoptera collections, donated by Jari Flinck (about 7,500 exx.) and Olli Lehto (about 4,500 exx.), both mainly collected outside Finland, and some 5,000 specimens of Chironomidae, collected by Olli Paasivirta in Lapland.

The museum staff has continued to add to the collections in connection with their scientific work. This material includes, besides Finnish materials, about 5,000 specimens of Lepidoptera from New Zealand and about 6,000 specimens of Lepidoptera from Lesbos (Greece), collected by L. Kaila and J. Kullberg, and some 3,000 specimens

of insects (mainly Coleoptera), collected by O. Biström on Lesbos.

Among faunistically or otherwise noteworthy accessions the following species may be noted:

#### Finnish collection

Hemiptera: *Graphosoma lineatum* (L.) from *N*: Inkoo, leg. J. Paukkunen.

Coleoptera: *Bembidion obtusum* Serv. from *At*: Eckerö, leg. E. Helve (new for Finland); *Velleius dilatatus* (F.) from *N*: Helsinki and *Ka*: Virolahti, leg. A. & J. Kullberg; *Polydrusus formosus* (Mayer), 4 exx. from *N*: Espoo, leg. E. Helve (new for Finland).

Diptera: *Culicoides dewulfi* (Goetgh.) from *At*: Kastelholm, leg. T. Lahtinen (new for Finland); *Platycheirus aeratus* Coq. and *Platycheirus subordinatus* Beck. from *Le*: Enontekiö, leg. A. Haarto.

Hymenoptera: *Ectemnius cephalotes* (Ol.) from *Ab*: Turku, leg. K. Karhu & J. Sorvari; *Nomada ferruginata* (L.) from *Ab*: Kemiönsaari, leg. S.-R. Vesterlund & J. Sorvari.

#### General collection

Coleoptera: *Micropeplus yasutoshii* Watanabe, 2 paratypes from Japan.

Lepidoptera: *Elachista nigriclina* Sugisima, *E. jupiter* Sugisima, *E. hiranoi* Sugisima and *E. nipponicella* Sugisima, altogether 12 paratypes from Japan.

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## Invertebrates Division

The invertebrate collections have increased by 9,714 samples. The accessions refer to different invertebrate groups as follows:

Annelida	4	Diplopoda	16
Arachnida	9,128	Mollusca	538
Chilopoda	16	Porifera	1
Crustacea	11		

The museum has received several large materials of Arachnida: 903 samples of Araneae from *N*: Pernaja, collected in 1996, T. Pajunen leg. & det., 2,603 samples of Araneae from *N*: Espoo and Helsinki urban forests, collected in summer 2000 by D. Alaruikka, T. Pajunen det., 984 samples of Araneae from *N*: Helsinki, Tuusula and Sipoo, collected in 2000 by D. Sävel, T. Pajunen det., 2,899 samples of Araneae from *Sb*: Heinävesi and Savonranta, collected in 2001 by K. Matveinen, T. Pajunen det., 438 samples of Araneae from *N*: Helsinki field areas, collected in 2006 by J. Jokinen, T. Pajunen det., 776 samples of Araneae from *Kb*: Eno, Ilomantsi and Lieksa, collected in 2008 by S. Koponen, K. Nygren and T. Pajunen, T. Pajunen det. and 533 samples of Mollusca, Gastropoda from *Ab*: Lohja, Korppoo and Kiikala and *Ta*: Hollola, collected in 2006, A. Koivunen leg. & det.

Among faunistically or taxonomically interesting accessions the following are noteworthy:

#### Annelida

*Polydora redeki* Horst, 1920 from *Ab*: Rymättylä, collected in 1965 and 1983, I. Haahtela leg & det. (new for the collections).

#### Arachnida

*Thanatus arcticus* Thorell, 1872 collected from *Le*: Enontekiö Pallastunturi and Pieni Malla in 1943 by P. Palmgren, T. Pajunen det. and *Pallidiphantes insignis* (O. P.-Cambridge, 1913) collected from *N*: Helsinki, Vuosaari landfill area in 2000 by D. Sävel, T. Pajunen det. (both new to Finland). *Jacksonella falconeri* (Jackson, 1908) collected from *N*: Pernaja in 1996, T. Pajunen leg. & det. and *Enoplognatha thoracica* (Hahn, 1833)

collected from *N*: Helsinki in 2000 by D. Sävel, T. Pajunen det. (all new for the collections).

*Acalitus brevitarsus* (Fockeu, 1890) collected from *N*: Mäntsälä and *Ta*: Lahti in 2009 and *Phytoptus similis* (Nalepa, 1890) collected from *Ta*: Kärkölä in 2009 by V. Haikonen, J. Terhivuo det. (new for the collections).

#### Crustacea

*Palaemon elegans* Rathke, 1837 from *N*: Hanko, Tvärminne in 2009 collected by M.-A. Närhi and H. Silfverberg, R. Väinölä det. (new for the collections).

#### Mollusca

*Macrogastra ventricosa* (Draparnaud, 1801) from *Ab*: Hollola, collected in 2006, A. Koivunen leg. & det. (new for the collections).

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