

## Accessions to the Zoological Museum of the Finnish Museum of Natural History, University of Helsinki, in 2010

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The number of accessions in 2010 amounted to 652 vertebrate specimens, some 36,600 insects, and 11,231 samples of other invertebrates. The systematic groups represented are listed below and some noteworthy records for Finland are reported.

### Vertebrates

The vertebrate collections have increased by 652 samples which included: 284 mammals, 367 birds and 1 fish.

Some faunistically interesting accessions may be mentioned:

#### Mammalia

*Pipistrellus pygmaeus* (Leach) from *N*: Loviisa, Pernaja, Aspskär, 19.6.2010, leg. Jarmo Ruoho, found dead on the steps outside a building. This is the first specimen of the Pygmy or Soprano Pipistrelle found in Finland. The few earlier observations were made by an ultra sound detector (Salovaara 2007; Kyheröinen et al. 2010).

#### Aves

*Remiz pendulinus* (Linnaeus), *N*: Helsinki, Viikki, Pornaistenniemi IX 2010, leg. Eero Haapanen, an abandoned nest in a birch with two broken eggs. The nesting attempt was recorded in May (Rissanen et al. 2010). The Penduline Tit is a rare breeding species in Finland. The fourth nest sample in the museum collections. *Serinus serinus* (Linnaeus), *N*: Helsinki, Suomenlinna, 17.6.2009, leg. William Velmala, a plundered fallen nest. The nest was found with chicks the 14

June at a height of 4 meters in a maple. (A second nesting attempt of the pair resulted in fledged young.) The European Serin is a new breeding species, with only six confirmed nesting attempts in Finland (Velmala 2009). This is the first nest in the museum collections.

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## Insects

The entomological collections have received  
 36,565 specimens representing various insect or-  
 ders as follows:

Orthoptera	7	Diptera	573
Dermaptera	1	Hemiptera	2,812
Dictyoptera	3	Hymenoptera	2,826
Coleoptera	686	Neuroptera	13
Lepidoptera	29,642	Mecoptera	1
Psocoptera	1		

The largest accessions were the Lepidoptera  
 collections, donated by Aaro Kaila (5,364 exx.)  
 and Jorma Jantunen (1,879 exx.), both mainly  
 collected in Finland, 1651 exx. of Hymenoptera  
 collected by Juho Paukkunen and 2568 exx. of  
 Heteroptera collected by Anders Albrecht.

The museum staff has continued to add to  
 the collections in connection with their scientifi-  
 c work. This material includes besides Finnish  
 materials, a.o. about 500 specimens of Elachis-  
 tinae from Australia, containing paratypes of 90  
 species.

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

### Finnish collection

Diptera: *Phaonia laeta* (Fallén), leg. K. Win-  
 qvist (new for Finland); *Graphogaster nigrescens*  
 (Herting), leg. V. Rinne & K. Winqvist (new for  
 Finland); *Brachyopa zhelochovtsevi* Mutin, leg.  
 G. Ståhls & E. Rätzel (new for Finland).

Coleoptera: *Anthocomus rufus* (Herbst), leg.  
 E. Helve (new for the collection); *Hypera dauci*  
 Dejean, leg. A. Albrecht (new for Finland).

Lepidoptera: *Elachista saarelai* Kaila & Sip-  
 pola, leg. L. Sippola (holotype + 2 paratypes).

Hymenoptera: *Evagetes subglaber* (Haupt),  
 leg. A. Karhu (new for the collection); *Laelius*  
*fumimarginalis* Vikberg, leg. I. Kakko (new for  
 Finland); *Psenulus schenki* (Tourner), leg. I.  
 Kakko (new for Finland).

Hemiptera: *Plea minutissima* Leach, leg. A.  
 Albrecht (new for Finland).

### General collection

Coleoptera: *Danacea teresae* Constantin &  
 Liberti (5 paratypes); *Pelodytes sinensis* (Hope)  
 and *Haliplus dirustor* B.-Br., leg. O. Biström  
 (both new for the collection)

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## Invertebrates

The collection of invertebrates (other than insects) increased by 11,231 samples. The accessions refer to different invertebrate groups as follows:

Porifera	1	Chilopoda	92
Cnidaria	2	Symphyla	4
Platyhelminthes	2	Crustacea	39
Nematoda	1	Mollusca	4,707
Acanthocephala	1	Bryozoa	3
Priapula	2	Brachiopoda	1
Annelida	1	Echinodermata	1
Arachnida	6,323	Hemicordata	1
Diplopoda	47	Chordata	3

The museum has received several large materials of Arachnida and Mollusca, which were added to the collection. Arachnida: 2,137 samples of Araneae from *Ta*: Ruovesi and Juupajoki forest succession areas, collected in 1999, by M. Koivu-va, T. Pajunen det., 901 samples of Araneae from various locations in Finland (beaten from Juniperus bushes) collected in 2009 by R.A. Väisänen, T. Pajunen det.; 892 samples of Araneae from *N*: Espoo, Helsinki, Vantaa and Sipoo meadow areas, collected in 2007 by P. Ketola, T. Pajunen det.; 392 samples of Araneae from *Kb*: Ilomantsi, Polvijärvi bog areas, collected in 2007 by O. Loukola and O. Autio, T. Pajunen det.; 260 samples of Araneae from *Tb*: Pihtipudas, Saarijärvi, Multia and Kinnula, collected in 2007 by A. Uusitalo and L. Mikonranta, T. Pajunen det.: 952 samples of Acari, Gamasina from Finland, collected in 1983–2010 by V. Huhta et al., V. Huhta det. (including several holo- and paratypes); a slide collection of 600 samples of Acari, Oribatei from various locations in Finland and abroad collected in 1952–1967 by E. Karppinen et al., E. Karppinen det., (with several new species for the collections). Mollusca: 2,003 samples of Gastropoda from various locations in Finland collected in 2006–2008 by A. Koivunen et al., A. Koivu-

nen det.; 1,401 samples of Gastropoda from *Ta*: Hollola, and *N*: Espoo, Askola, Porvoo and Helsinki collected in 1937–1940 by, T. Suomalainen (Levanto), E. Ikonen and H. Luoma, T. Suomalainen det.; a collection of 575 samples of Gastropoda from Madeira Islands, Portugal, collected in the early 1900's by J.J. de Sousa and in 1957 by S. Panelius, (the material contained several new species for the collections).

Among faunistically or taxonomically interesting accessions the following are noteworthy:

### Arachnida, Araneae:

*Mecynargus foveatus* (Dahl 1912) collected from *Kb*: Ilomantsi, Heinäsuo in June and July 2007 by O. Loukola and O. Autio, T. Pajunen det. (new for the collections).

### Arachnida, Acari, Gamasina:

*Dendrolaelaps casualis* Huhta & Karg 2010, holotype female and 2 paratype females collected from *Lk*: Kittilä, Ylläs in August 2005 by V. Huhta, *Dendrolaelaps saphophilus* V. Huhta 1982, holotype female, allotype male and 2 deuteronymf females, collected from *N*: Vantaa, Tikkurila in 1977–78 from sewage sludge soil, V. Huhta leg. & det., *Hypoaspis (Pneumolaelaps) collina* V. Huhta & W. Karg 2010, female holotype, collected from *Ob*: Hailuoto in October 2004 by V. Huhta, *Hypoaspis michaeli* V. Huhta & W. Karg 2010, 2 female paratypes collected from *Ab*: Nauvo, Seili from ant hill in August 1984 by M. Saaristo, *Hypoaspis pratensis* V. Huhta & W. Karg 2010, 1 holotype female and 3 paratype females collected from *N*: Sipoo from rocky meadow in May 2004 and 3 female paratypes collected from *Oa*: Valassaaret from dry meadow in August 2007 by V. Huhta, *Hypoaspis saana* V. Huhta & W. Karg 2010, 3 females, holotype and paratypes, collected from *Le*: Enontekiö, Saana fell (mountain) subarctic mountain birch stand in October 2008 by V. Huhta, *Multidendrolaelaps putte* V. Huhta & W. Karg 2010, holotype and paratypes, 6 females, collected from *Ta*: Lammi, Evo in September 2007 by A. Siira-Pietikäinen and M. Boucelham, *Multidendrolaelaps subcorticalis* V. Huhta & W. Karg 2010, 2 female paratypes collected from *Ab*: Parainen, Strandby from old scolytid galleries under bark of pine in March 1983 by P.T. Lehtinen, *Punctodendrolaelaps formic-*

*arius* V. Huhta & W. Karg 2010, one female holotype and female and male paratypes, collected from *Ab*: Kisko from ant hill in May 2005 and 1 female paratype collected from *Tb*: Viitasaari from ant hill in May 2004 by V. Huhta, *Sinoseius pinnatus* V. Huhta & W. Karg 2010, 4 paratype females collected from *Ab*: Parainen, Sunnaberg from bottom of a straw shed in November 1982 by P.T. Lehtinen.

#### Mollusca, Gastropoda:

*Ruthenica filograna* (Rossmässler 1836) from *N*: Porvoo, Hasselö collected in September 2008 by E. Tuurnas, A. Koivunen det., *Vertigo genesii* (Gredler 1856) collected from *Ks*: Kuusamo, Oulanka National Park in July 2010, H. Ormio leg. & det. (both new for the collections).

The digital cataloguing of museum's old exotic Gastropoda collections has been started. During the year 2010, 1,207 species new for the collections have been added to the catalogue. These include seven species of the genus *Achatinella* (Oahu tree snails) that have been listed as extinct and another seven listed as critically endangered by the IUCN (2011), in material from the Sandwich Islands (Hawaii) collected in 1860–1870 (R. Damon det.).

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