

9th International Seminar on Apterygota

7th to 9th September 2014

Senckenberg Museum of Natural History Görlitz, Germany
(IBZ St. Marienthal)

The international Seminar on Apterygota represents a series of international meetings initiated almost 40 years ago Prof. Romano Dallai and his team at the Department of Evolutionary Biology of the University of Siena. Now held every four years, the previous eight Seminars have taken place in Siena (Italy), Bialowieza (Poland), Cordoba (Spain) and Texel (Netherlands). This year's Seminar is hosted by the Senckenberg Museum of Natural History in Görlitz, Germany.

The paraphyletic Apterygota traditionally comprises five orders (or subclasses) of basal hexapods (Protura, Collembola, Diplura, Microcoryphia and Zygentoma). They share some basic features of their morphology and life histories and show a strong affinity to the edaphic ecosystem, yet each possesses peculiar features which provide intriguing physiological, ecological and evolutionary questions.

The International Seminar on Apterygota offers the world-wide scientific community of zoologists, ecologists, embryologists and physiologists the opportunity to meet and exchange and discuss their research on the different aspects of the five basal hexapod taxa of the 'Apterygota'. This Seminar allows all major contributions to the knowledge of the taxonomy, ecology, morphology, anatomy, physiology and genomics of these sometimes neglected hexapods, which nevertheless play a crucial role in the recycling of the organic matter in various types of soils. During the Seminar modern aspects of genomics, microscopy, bioinformatics, biochemistry and analytical chemistry are presented. Scientific topics range from taxonomy to phylogeny (through biogeography), from morphology to ultrastructure (with a special emphasis on embryology), and from ecology to physiology (further integrated into ecophysiology) and ecotoxicology.

Participation is open to all by registering at <http://www.senckenberg.de/Apterygota2014>