

Isopod Newsletter

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Brian Kensley, Marilyn Schotte



GREAT SCIENTISTS

Pierre André Latreille (November 20, 1762 – February 6, 1833) was a French zoologist. His works describing arthropods assigned many of the insect and crustacean taxa still in use today.

Latreille was born into a humble family of Brive-la-Gaillarde, Corrèze, and in 1778 entered the College Lemoine in Paris. He was ordained a priest in 1786 and then went back to Brive, where he spent all of his free time studying insects. In 1788 he returned to Paris and became active in the scientific community there, his *Mémoire sur les mutilés découvertes en France* gaining him admission to the Society for Natural History. As a priest with conservative leanings, the French Revolution made his situation uncomfortable; he left Paris, and was later imprisoned at Bordeaux and sentenced to death for refusing to pledge an allegiance to the new constitution. While in prison, he received an unknown beetle specimen, which he described as a new species.

On this basis, two fellow naturalists succeeded in convincing his captors to release him as a scientist, which is the only known case when discovering a new species saved somebody's life.

In 1796 he published *Précis des caractères génériques des insectes, disposés dans un ordre naturel* at Brive. He was rearrested in 1797 but again released. In 1798 he was given the task of arranging the entomological collection at the recently organized Muséum National d'Histoire Naturelle in Paris. In 1814 he became a member of the French Academy of Sciences (succeeding G. A. Olivier), and in 1821 he was made a chevalier of the Legion of Honor. In 1821, he was also made a foreign member of the Royal Swedish Academy of Sciences. Among his scientific work was the publication of



vertebrate systematics, where he erected a separate class for the amphibians (as Batracia), thus erecting the today four familiar classes of tetrapods: Amphibians, reptiles, birds and mammals. He was professor of zoology in the veterinary school at Alfort near Paris, and in 1830, when the chair of zoology of invertebrates at the Museum was divided after the death of Jean-Baptiste Lamarck, Latreille was appointed professor of zoology of crustaceans, arachnids and insects, the chair of molluscs, worms and zoophytes being assigned to Henri Marie Ducrotay de Blainville.
(Modified from Wikipedia.org)

Editorial

Dear friends and colleagues,
we start now with a new edition of the Isopod Newsletter. First of all, we would like to thank Marilyn Schotte and Brian Kensley who first started this project; they will always remain for us as editors emeriti. As you can read, we have improved the newsletter with different sections, also with the aim to create a better network among the Isopoda researchers. So, we need your help to keep updated the newsletter. Send us your new papers and please contribute to the different sections with photos and articles.

We're waiting for you!
Best wishes.

Didier,
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A LOOK INTO A LAB

The soil ecology research group at the Szent István University, Budapest, Hungary.

Founded by Dr. Elisabeth Hornung in the late 90's, the informal "research group" has experienced a great deal of staff exchange. Still, the research has remained focused on isopods (and landsnails in a lesser extent), mainly from a population and community ecology, and nature conservational aspect. Besides others, urban isopod ecology and introduced species have received a special attention lately. We aim to reveal the important ecological background factors affecting species distribution, as well as their relationships to the ecomorphological characteristics of species. Our approach includes studies of species physiology and histology (comparative microscopic studies) as well as field sampling and data assessments of habitat/microhabitat characteristics. In the past decade our research group has notably contributed to the knowledge of



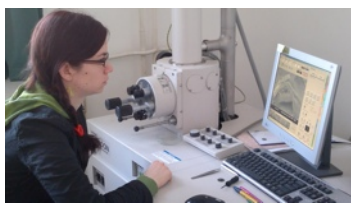
Our Group has long standing international cooperations in Europe and the USA, but we are always open to new partnerships as well!

Ferenc Vilisics Ph.D & Elisabeth Hornung Ph.D, C.Sc



Hungarian isopod fauna. After the checklist of L. Forró and S. Farkas (1998), we aim to create an updated atlas showing the known distribution of isopods in Hungary. Following the footsteps of some great examples of Great Britain we have created a datasheet that helps habitat feature assessment at fieldwork in Hungary. Thus, we took a step forward from mere species lists towards the factors driving species distributions.

Last year we shifted our attention towards ecosystem services of decomposers, and functional ecology of decomposer macro-arthropods. We focus on both intra- and interspecific aspects, and I can tell we got some fascinating results so far!



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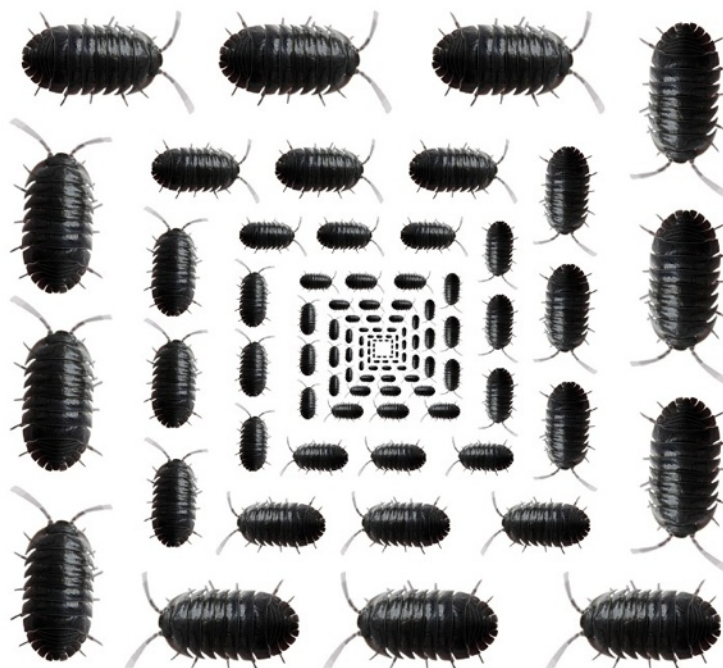
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ISOPODART

In this frame, some pictures or drawings concerning Isopods will be shown. Please, send us your contribution.

"Woodlouse Evoution"
 by © Annabel Ward.
 from Lil Beasties @
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NEW PAPERS

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Calendar

19-23 June 2011, Bled (Slovenia)

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19 - 23 June 2011
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6-9 June 2011, Honolulu (Hawaii)

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