

NEWS & NOTES



4th International Symposium on Plecoptera July, 1968

The 4th International Symposium on Plecoptera was held in Abisko Turiststation in Swedish Lapland from 28-30 July, 1968. The invitation for this meeting of Plecopterologists and Ephemeropterists came from P. Brinck and S. Ulfstrand (both from Lund), who very carefully prepared the meeting and led it to a complete success. The isolated location of the Turiststation within the Abisko Nature Reserve ensured a maximum of contact between the more than 30 participants of the Symposium, who not only met for the sessions but practically had an all-day conference.

The location was also an ideal starting point for excursions to the nearby jokks, the adjacent mountains with their birch-tree-taiga and arctic meadows and to Lake Torneträsk. Though not particularly favored by the weather, these tours, especially the all-day trip to Mt. Nuolja, gave a good impression of the richness of the alpine flora, of living conditions in the arctic in general, and allowed for a good deal of collecting in the streams. A great number of Plecoptera were taken, including Diura bicaudata (L.) (mainly on the shore of Lake Torneträsk) Isoperla obscura (Zett.), Capnia atra Morton and Nemoura arctica Esben-Petersen being the most common species.

On one of the tours, a visit was paid to the neighboring village of Abisko where the laboratories of the Biological Station of the University of Lund are located. The leader of the station gave an account of their scientific activities in the far north and showed the station's facilities.

With the use of station facilities, H.B.N. Hynes showed diapausing nymphs of Allocaonia vivipara (Claassen) (see also: P.P. Harper and H.B.N. Hynes (1970): Diapause in the Nymphs of Canadian winter Stoneflies. -Ecology 51 (5): 925-927). J. Illies also exhibited specimens, which presently are the types of a new species (1968: The First Wingless Stonefly from Australia. -Psyche 75 (4): 328-333).

Most of the Symposium, however, was spent in the meeting hall, where a series of papers were presented. The following is a list of titles and publications containing all or most of the data presented at the Symposium.

BENEDETTO, L.A. (1969): A new species of stonefly of the family Gripopterygidae (Plecoptera) from Uruguay. -Beitr. Neotrop. Fauna 6 (2): 145-151. (read by Froelich).

____ (1970): Notes about the Biology of Jewettoperla munoai Benedetto (Plecoptera Gripopterygidae). -Limnologica (Berlin) 7 (2): 383-389. (read by C.G. Froehlich).

BERTHÉLEMY, C. (1966): Recherches écologiques et biogéographiques sur les Plécoptères et les Coléoptères d'eau courante (Amraena et Elminthidae) des Pyrénées. -Annls. Limnol. 2: 227-438.

BRETSCHKO, G. Experimentelle Untersuchungen zur Larvalentwicklung von Siphonurus aestivalis in Abhängigkeit von Photoperiode und Temperatur.

CONSIGLIO, C. The groups of species in the genus Leuctra. (Plecoptera) (copies of this so far unpublished manuscript have been distributed).

ELLIOTT, J.M. Spatial distribution of Baëtis rhodani.

GEIJSKES, D.C. Ecological observations on Plecoptera in Surinam.

HUMPESECH, U. Plecoptera-Befunde aus Österreich (by G. PLESKOT & U. HUMPESECH).

HYNES, H.B.N. (1968): The Scientific Results of the Hungarian Soil Zoological Expedition to the Brazzaville Congo. 36. The Plecoptera species Neoperla spio (Newman). -Opus. Zool. (Budapest) 8 (2): 353-356.

- ILLIES, J. (1969): Revision der Plecopterenfamilie Austroperlidae. - Entomol. Ts. 90 (1-2): 19-51.
- McLELLAN, I.D. (1967): Revision der Plecopterenfamilie Austroperlidae. - Trans. R. Soc. N.Z., Zool., 9 (1): 1-15.
- _____ & M.J. WINTERBOURN (1968): A New Genus of Notonemourinae (Plecoptera: Capniidae) from New Zealand. - Ibidem, 10 (13): 127-131.
- IRON, I. Nouvelles observations sur la phénophasse de la mue chez les Plécoptères.
- RAUŠER, J. (1971): A contribution to the question of the distribution and evolution of plecopterological communities in Europe. - Acta faun. ent. Mus. nat. Pragae 14 (158): 33-63.
- RIEK, E.F. Ecology of Australian stonefly nymphs.
- RUPPRECHT, R. (1969): Zur Artspezifität der Trommelsignale der Plecopteren (Insecta). - Oikos 20 (1): 26-33.
- SHELDON, A.L. (1969): Size Relationships of Acroneuria californica (Perlidae, Plecoptera) and its Prey. - Hydrobiologia (Berlin) 34: 85-94.
- ULFSTRAND, S. (1969): Ephemeroptera and Plecoptera from River Vindelälven in Swedish Lapland. With a Discussion of the Nutritional and Competitive Factors for the Life Cycles. - Entomol. Ts. 90 (3-4): 145-165.
- ZWICK, P. (1973): Insecta: Plecoptera Phylogenetisches System und Katalog. - Das Tierreich 94: I-XXXII, 1-465.

A. NEBOISS showed his film on Eustheniidae and his slides from Tasmania, mainly of the Lake Pedder area, now drowned in a hydro-power scheme.

No mention can here be made of several informal talks and contributions as well as of the many interesting discussions, which all helped to make the Symposium in Abisko a memorable and rewarding meeting.

P. Zwick

After four meetings in Europe: Lausanne, Switzerland, 1956; Vienna, Austria, 1960; Plön, Germany, 1963; and Abisko, Sweden, 1968, the first international meeting of plecopterists in North America is about to become a reality.

Response to the invitation circular sent out during the Fall of 1973 has been very encouraging. More than sixty application blanks have been returned and many people indicate that they will be bringing colleagues or family members.

The symposium will include two daily sessions on September 3-5 and a field excursion to the Shenandoah Mountains on September 6. A plecopterists' luncheon is also planned for September 4.

Judging from the titles submitted, the symposium will be very interesting and educational. It will serve as an excellent opportunity for young workers to meet colleagues and gain ideas and knowledge for future endeavors.

The proceedings of the symposium will be published in a condensed form. Those unable to attend but interested in the proceedings should write to Dr. Richard W. Baumann, organizing chairman.

R.W. Baumann

BULLETIN BOARD

WANTED: Nemouridae from North America, especially adults and mature nymphs of the genera Amphinemura and Malenka. will also accept unidentified Nemouridae. R.W. Baumann, Entomology Department, Smithsonian Institution, Washington, D.C. 20560

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