

TAXONOMIC AND FAUNISTIC STUDIES ON CHINESE CADDIS FLIES

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Until recent years, studies on the Trichoptera of China have been limited in their scope. The late Professor Hwang Qiling (1957, 1958) recorded one new subgenus and 34 new species. Since 1977, the number of Chinese species has been brought up to over 500, from 14 provinces, by Professor Tian Lixin, Mrs. Yang Lianfang and Mr. Li Youwen. Yunnan Province provided 103 species, Xizang Autonomous Region 90 species, the Hengduan mountain range 76 species, Fujian province 62 species and Hainan Island, Guangdong Province 26 species.

We are now concentrating our research on the following three groups:

1. The subfamily Hydropsychinae (Hydropsychidae), where we have added 46 to the original 53 species;
2. The genus *Stenopsyche* (Stenopsychidae) where the original list was 28 species. We have now captured a further 26 species, including 2 new species and 3 new records for China.
3. The family Leptoceridae. The original record was 35 species in China. Over the past two years, we have brought the number to 62 species. Descriptions of three new species of *Ceraclea* are ready for publication.

THE SECOND ALL-UNION SYMPOSIUM ON TRICHOPTEROLOGY IN THE USSR

O.L.Kachalova

The Symposium took place in the city of Ordzonikidze, 22-24 July 1986, in the Zoological Department of the North Osetian State University. The Latvian branch of the All-Union Entomological Society was the instigator of this meeting.

The greater part of the organization was carried out by the Chair of Zoology of N-Osetian University with the help of the All-Union Trichopterological Commission. The twenty-two specialists taking part were welcomed by the Professor Dr. L. V. Chopikashvili and the vice-rector of NOSU, Dr. A. V. Raychev.

The chairman of the Symposium was Dr. O. L. Kachalova. In her opening address she summarized the results of research work in Trichopterology in the USSR during the last three years. The main topics were as in the 1st Symposium, ecological and faunistic investigations, including bio-indicators of water pollution, and more attention was paid to taxonomy.

Dr. I. I. Kornoukhova pointed out that between the Symposia some progress was achieved in the study of Trichoptera in USSR. A Ph.D. thesis on the structure and function of the wing apparatus of caddisflies was completed and presented by Dr. V. D. Ivanov.

New keys to Trichoptera in the European part of the USSR were prepared for publication by O. L. Kachalova. Many papers were published by other Soviet specialists.

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The following 16 reports were presented: 1. I.I.Kornoukhova (Ordzonikidze): Ecology of the caddisflies of the Caucasus. 2. V.N.Grigorenko (Simferopol): Some ecological aspects of Trichoptera of Crimea and western Caucasus. 3. I.V.Emelina (Astrakhan): New data on the ecology and biology of Trichoptera from the Volga delta. 4. N.V.Borisova (Cheboksary): Faunistical survey of caddis-flies of Chuvashia. 5. N.N.Danko (L'vov): Perspectives and achievements in studying caddisflies of the eastern Carpathians. 6. B.L.Golubev (Riga): The buildings of Trichoptera as a biotope for larvae of Chironomidae. 7. T.S.Vshivkova (Vladivostok): The longitudinal distribution of caddis flies in the Salmon river. 8. L.M.Trofimova (Stavropol): The ecology of caddisflies in the environs of Stavropol. 9. Kocharina (Vladivostok): Growth, energy exchange and production of three caddis fly species in the River Kedrovaja. 10. O.L.Kachalova (Riga): On the nomenclature of caddisfly suborders. 11. V.D.Ivanov (Leningrad): Evolution of wing mechanism of caddis flies. 12. V.V.Khrennikov (Petrozavodsk): Ecology of caddis flies in salmon rivers - tributaries of Lake Onezskoje. 13. A.E.Emelina (Gomel): Dynamics of emergence of caddis flies from rivers of Beloruskoje polesie. 14. K.A.Adzimuradov (Makhachkala): Fish nutrition from the River Uruk. 15. I.K. Cheresova (Ordzonikidze): Zoobenthos of the River Craudon. 16. V.A.Nepomnjashchich (Borok): Caddis flies as bio-indicators of water quality.

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ZOBODAT - www.zobodat.at

Zoologisch-Botanische Datenbank/Zoological-Botanical Database

Digitale Literatur/Digital Literature

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