

**Entomologische Ergebnisse der schwedischen
Kamtchatka-Expedition 1920—1922.**

16.

Diptera Nematocera

(excluding Tipulidae).

By

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The collection of Nematocera obtained by M. MALAISE is small, but of interest as it includes examples of two North American species (*Mycetophila fastosa* and *Chironomus flavicinctula*) in addition to holarctic forms such as *Theobaldia alaskaensis*, and North European forms such as *Pachyneura fasciata*. The following species are represented in the collection:

Mycetophilidae.

1. *Mycomyia* sp. 1 ♀, Achamten bay, Sept.; agrees with *M. wimmertzi* Dz., but not precisely determinable in the absence of the ♂.
2. *Leia winthemi* LEHM. 1 ♂, Petropavlovsk, July—Aug.
3. *Exechia pseudopulchella* LUNDST. 1 ♂ without exact data. Also a number of larvae apparently referable to this genus. Tree-stumps Klutchi, VI. 1921.

4. *Mycetophila fastosa* JOH. 1 ♂ without exact data. A very distinct and unmistakable species, recorded from Ithaca, N.Y., and not hitherto known from the Palaearctic region.

Pachyneuridae.

5. *Pachyneura fasciata* ZETT. 2 ♂ (broken), Klutchi, June. 5 ♀, Klutchi, June, Klutchi, June or Petropavlovsk, July.

Culicidae.

6. *Aedes (Ochlerotatus) punctor* KIRBY. 1 ♂, Petrop., July—Aug. 4 ♀, Klutchi, June, Petropavlovsk, July—Aug. The hypopygium of the ♂ differs slightly from that of European specimens, the appendage of the claspette being longer and the spine of the basal lobe hardly distinguishable from a hair. Some of the females may perhaps belong to *A. communis* DE G. Also numerous ♀♀ in spirit, possibly this species, Tchapina, 1.X. 21.

7. *Aedes (Ochlerotatus) pullatus* COQ. 1 ♂, Petropavlovsk, 1 ♀, July—Aug.

8. *Aedes (Ochlerotatus) exrucians* WALK.? 1 ♀, Tchapina Nikkolke, July, too much damaged to name with certainty.

9. *Theobaldia alaskaensis* LUDL. 1 ♀ (spirit), Tchapina. 23.VII. 21; also 5 ♀ (pinned), Klutchi, May.

Chironomidae.

10. *Procladius culiciformis* (L.) var. 1 ♂, Avatcha bay, Bogatyriovka, Aug.

11. *Diamesa pubitarsis* ZETT. 5 ♂, Tchapina, 25.VII. 21.

12. *Orthocladius paradoxus* LUNDST. 1 ♀, with hypopygium of ♂ attached, Klutchi, June. This interesting species was described in 1915 from a single ♂ from New-Siberia I., Arctic Ocean. It is remarkable for the stout legs, apparently without hind tibial comb; the large pronotum, with V-shaped emargination; and for having some indication of a median furrow on the scutum, as in the American *Chasmatonotus*. The ovipositor is remarkable; the last abdominal sternite is large and very deeply bilobed, and the cerci are drawn out into long processes which lie between the lobes of the last sternite. Antennae shortly hairy, 7-segmented. Palpi apparently only

3-segmented, the first two segments short. KIEFFER (Rept. Norw. Exp. Nov. Zeml., 1923) commented on LUNDSTRÖM's description and proposed for *O. paradoxus* the new genus *Synpsilocerus*. In the same year he described (Ann. Soc. Sci. Bruxelles, 42, p. 169) an insect from North Germany as *Propsilocerus lacustris* n. g., n. sp. These two are almost certainly congeneric, if not conspecific, and both are evidently nearly related to *Hydrobaenus* FRIES; the three genera may eventually be united.

13. *Chironomus* (s. str.) *plumosus* L. 1 ♂, 2 ♀, Klutchi, June. The specimens are darker than usual, but otherwise typical.

14. *Chironomus* (s. str.) *lugubris* ZETT.?. 3 ♂, 3 ♀, Klutchi, May, June, and another unnumbered.

15. *Chironomus* (s. str.) *dorsalis* MG.? 1 ♂, Tchapina, 25. VII. 21.

16. *Chironomus* (*Camptochironomus*) *tentans* FAB.? 1 ♀, Petropavlovsk, July.

17. *Chironomus* (*Phytochironomus*) *paganus* MG. (*latidens* GOET.). 1 ♂, without exact data.

18. *Chironomus* (*Cryptochironomus*) *supplicans* MG. (*chlorolobus* K.). 2 ♂, Avatcha bay, Bogatyriovka, Aug.

19. *Chironomus* (*Endochironomus*) *impar* WALK.? 2 ♀, Klutchi, June.

20. *Chironomus* (*Stictochironomus*) *flavicingula* WALK. 1 ♀, without exact data. This much resembles the European *C. histrio* FAB., differing from specimens I have determined in having a distinct dark ring in the middle of each of the four posterior tibiae. It was only known with certainty from North America.

Tryckt den 4 februari 1928.