

Deer Fly and Horse Flies (Diptera: Tabanidae) Collected from the Kamchatka Peninsula in 1996–1997

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Abstract One species of deer fly *Chrysops nigripes* Zetterstedt and two species of horse flies *Hybomitra aequetincta* (Becker), *Hybomitra bimaculata* (Macquart) are recorded from the Kamchatka Peninsula, based on the material collected during the Biological Expedition to the Kamchatka Peninsula and North Kuril Islands in 1996 and 1997.

Key words: Tabanidae, deer fly, horse fly, Kamchatka Peninsula.

Up to the present, two species belonging to the genus *Chrysops* and 11 species belonging to the genus *Hybomitra* have been recorded from the Kamchatka Peninsula (Olsufiev, 1977). The Natural History Museum and Institute, Chiba, carried out the Biological Expedition to the Kamchatka Peninsula and the North Kuril Islands in 1996 and 1997. It was a part of the project entitled “The Origin and Biogeography of the Northeast Asian Biota”, in co-operation with the Institute of Biology and Pedology and the Institute of Marine Biology belonging to the Far Eastern Branch of the Russian Academy of Sciences, Vladivostok. In this paper, a list of the deer fly and horse flies is presented based on the material collected from the Kamchatka Peninsula during the expedition.

Specimens were collected by sweeping with an entomological net in a grassland around camping site. They are deposited in the Natural History Museum and Institute, Chiba (CBM with a code of ZI).

List of collected species

Family Tabanidae

Chrysops nigripes Zetterstedt, 1840

Material examined. Kamchatka Peninsula: 2 females, 4 males, Bystraya River (53°10' N,

158°33' E), 10. VII. 1997, A. Saito leg., CBM-ZI 83423–83428; 3 females, 1 male, Nagornyi near Petropavlovsk-Kamchatskiy (53°07' N, 158°31' E), alt. ca. 150 m, 10. VII. 1997, R. B. Kuranishi leg., CBM-ZI 83429–83432; 5 females, Bystraya River Basin, 30 km north of Ganaly (53°58' N, 157°45' E), alt. ca. 390 m, 30. VII. 1997, R. B. Kuranishi and A. Saito leg., CBM-ZI 83433–83437.

Distribution. This species has a Holarctic distribution, from northern Scandinavia across Russia to Alaska and northern Canada; China, Korea and Japan.

Hybomitra aequetincta (Becker, 1900)

Material examined. Kamchatka Peninsula: 1 female, Ebet Mountains (south part), 42 km northwest of Ust Kamchatsk, upper part of Radg River (56°30' N, 162°00' E), alt. ca. 150 m, 11. VII. 1996, R. B. Kuranishi leg., CBM-ZI 83438.

Distribution. Holarctic. Europe (absent from northern Scandinavia); North America: confined to northern Quebec and Labrador (Teskey, 1990).

Hybomitra bimaculata (Macquart, 1826)

Material examined. Kamchatka Peninsula: 1 female, 5 km west of Mt. Vilyuchinsky (52°42' N, 158°10' E), alt. 154 m, 3. VII. 1996,

R. B. Kuranishi leg.; 1 female, Bystraya River Basin, 30 km north of Ganaly, (53°58' N, 157°45' E), alt. ca. 390 m, 30. VII. 1997, R. B. Kuranishi leg., CBM-ZI 83439; 1 female, Mt. Vachkazhets, upper part of Takhkoloch River, Basin of Plotnikova (53°05' N, 157°55' E), alt. ca. 550 m, 1. VIII. 1997, R. B. Kuranishi leg., CBM-ZI 83440.

Distribution. A species widely distributed in almost whole of the Palaearctic region from British Isles and Scandinavia as far as eastern Siberia, Kamchatka Peninsula and Sakhalin.

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1996-1997年に採集されたカムチャツカ半島のアブ科昆虫

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1996年と1997年に、カムチャツカ半島と北千島で千葉県立中央博物館とロシア科学アカデミーの生物学共同調査が行われ、スーピング法によりアブ科昆虫を採集した。カムチャツカ半島から2属3種のアブ科昆虫を記録した。今回記録された種は、全北区や旧北区亜区に広く分布する種であった。