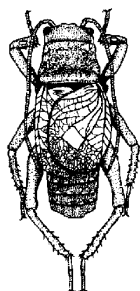


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NEW DATA ON ASIAN DROSOPHILID FLIES (DIPTERA, DROSOPHILIDAE). PART 2

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Scaptomyza (Scaptomyza) sichuanica sp. n. from Sichuan, China is described. New species closely related to *S. (S.) baechlii* Sidorenko from Russian Far East and *S. (S.) grahami* Hackman from China but differs from the former by shape of eadeagus and epandrium; and from the latter by chaetotaxy of epandrium and surstylus, and by the shape of aedeagus.

KEY WORDS: Diptera, Drosophilidae, new species.

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Описан новый вид дрозофилид *Scaptomyza (Scaptomyza) sichuanica* sp. n. из провинции Сычуань, Китай. Новый вид близок к *S. (S.) baechlii* Sidorenko с Дальнего Востока России и *S. (S.) grahami* Hackman из Китая, но отличается от первого другой формой эдеагуса и эпандрия, от последнего - хетотаксией эпандрия и сурстилей, а также формой эдеагуса.

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INTRODUCTION

Subgenus *Scaptomyza* Hardy, 1849 is the largest one in the genus and includes about 30 species (Wheeler, 1986). The absence of the ventral branches of arista is mentioned for two species of this subgenus: *S. (S.) grahami* from Sichuan Prov., China (Hackman, 1959) and *S. (S.) baechlii* from Primorskii krai, Russia (Sidorenko, 1993). During the study of material loaned by Prof. M. J. Toda (Sapporo, Japan) third species with such feature was found. This species is described below. Holotype of new species is deposited in Entomological Institute, Hokkaido University, Sapporo, Japan.

***Scaptomyza (Scaptomyza) sichuanica* Sidorenko, sp. n.**

Figs. 1-3

MATERIAL. Holotype - male, China: Sichuan, 9.VI 1961.

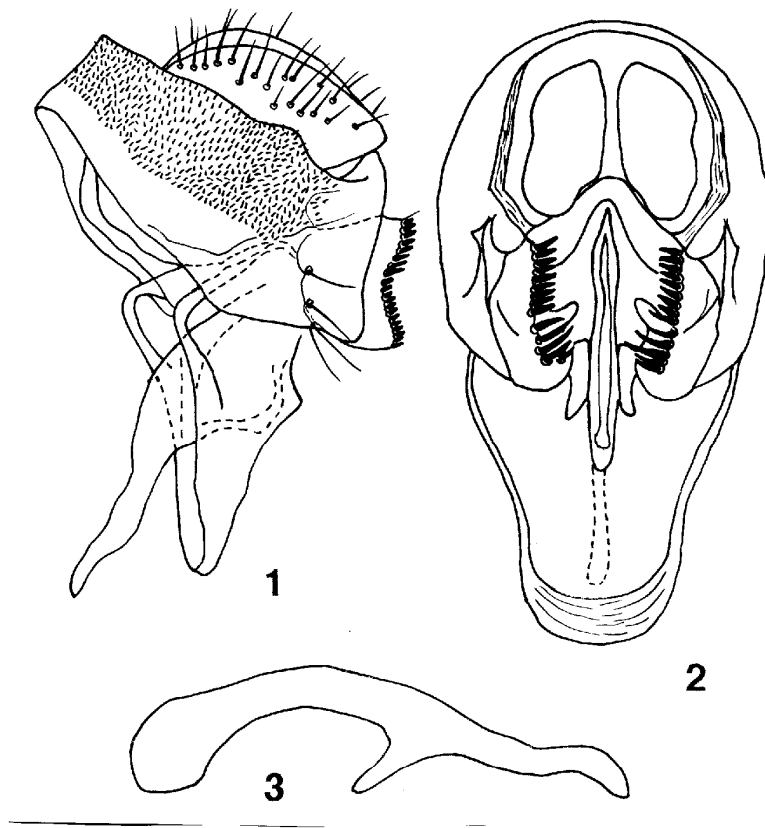
DESCRIPTION. Head: Eye dark red, with sparse thin piles. Ocellar triangle brown; ocellar setae long. Frontal vitta yellow, with a few small interfrontal setulae. Fronto-orbital plate yellowish-brown, yellow below. Face yellow. Facial carina broad, prominent in middle part, yellow. Clypeus yellow. Gena yellow, slightly darkened in middle part and at base of vibrissae. Occiput dark brown. Pedicel yellow, with 2 stout setae and a few small setulae; 1st flagellomere whitish-yellow; terminal bifurcation of arista large. Palpus yellow, with 2 stout terminal setae and 1 more short subterminal one. Thorax: Scutum yellowish-brown, with indistinct longitudinal stripes. Scutellum yellowish-brown. Postpronotal lobe yellowish-brown; 2 postpronotal setae are equal in size. Acrostichal setulae in 4 rows. Mesopleuron yellowish-brown. Basal scutellar setae convergent. Wing hyaline. Veins yellow, crossveins not clouded. C1 with 1 seta. Halter pale yellow. Legs yellow. Precapical dorsal setae on all tibiae, apical one on fore tibia. Abdomen: Tergites yellowish-brown; sternites brownish. Pleural membrane light yellow.

Male terminalia (Figs. 1-3): Epandrium brown, micropubescent, with 3-4 setae in lower part. Surstylus almost triangular, with α . 15 recurved prenisetae arranged in straight row. Cercus semicircular, with numerous setae. Aedeagus slender, acute (in ventral view); with rounded apex (in lateral view). Anterior paramere seems to be without sensillae. Hypandrial lobe protruded below.

Female unknown.

MEASUREMENTS. BL = 2.3 mm, ThL = 0.9 mm, WL = 2.7 mm, WW = 1.1 mm.

INDICES. arb = 4/0, FW/HW = 0.64, ch/o = 0.19, prorrb = 1.0, rcorb = 0.47, vb = 0.54, dcl = 0.92, orbito = 0.33, dcp = 0.66, sc1lp = 1.25, C = 3.6, 4c = 0.61, 4V = 1.42, 5x = 1.78, ac = 2.5, M = 0.48, C3F = 0.4.



Figs. 1-3. *Scaptomyza (Scaptomyza) sichuanica* sp. n. - 1) male genitalia in lateral view; 2) do, in ventral view; 3) eadeagus in lateral view.

RELATIONSHIP. New species rather differs from *S. (S.) grahami* Hackman by chaetotaxy of epandrium (ca. 18 setae from mid to lower part in *S. grahami*) and surstylus (about 19 prensisetae arranged in slightly concaved row and numerous recurved setulae below it in *S. grahami*) as well as shape of aedeagus (rather broad, slightly bilobed apically in *S. grahami*). *S. (S.) sichuanica* sp. n. closely related to *S. (S.) baechlii* Sidorenko in general appearance, but differs the shape of eadeagus (pointed dorsally in *S. baechlii*) and epandrium (protruded in *S. baechlii*).

DISTRIBUTION. China: Sichuan.

ACKNOWLEDGMENTS

My thanks are due to Prof. Masanori J. Toda (Sapporo, Japan) for loaning me specimen of this undescribed species.

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