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**TAXONOMICAL STUDIES ON THE MUSCOID FLIES
IN JAPAN**

**IX. A NEW SPECIES OF THE GENUS *PARADICHOSIA*
(DIPT., CALLIPHORIDAE) FROM JAPAN**

By

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Paradichosia japonica sp. nov.

Japanese name : Uzuki-iebaemodoki

♂. — *Head* : eyes covered with short sparse minute hairs, closely approximated, and with uniform facets ; frons reddish brown, triangular, disappearing between parafrontalia below ocellar triangle ; parafrontalia silver grey, narrow, contiguous for a short distance and narrowed above ; parafacialia silver-dusted, reddish below, setulose above ; medianae reddish brown ; jowls dark grey with long black bristles, reddish towards vibrissal angle, about one-third eye-height ; face dark grey with slight trace of a median carina between bases of antennae ; epistome orange ; facialia with setulae on lower half ; vibrissae inserted slightly above margin of epistome ; antennae reddish orange, the third segment slightly pale brown apically, about two and a half times length of second ; arista black, long-plumose ; palpi orange.

Thorax : mainly dark grey ; humeri and post-alar calli testaceous ; scutellum blackish at base, becoming rufous towards tip ; dorsum of thorax with dark interrupted longitudinal dark stripes anteriorly ; thoracic spiracles yellowish white ; prosternum and propleura with fine hairs ; post-alar declivity with black bristles ; acrostichals 2 + 3, dorso-centrals 2 + 3, intra-alars 1 + 2, supra-alars 3, post-alars 3, humerals 3, post-humerals 3, prostigmatic bristles 1-2, propleural bristles 2 ; convexity above post-thoracic spiracle with fine hairs ; sternopleurals 2 : 1, the lower anterior bristle fine ; lower surface of scutellum setulose.

Wings : hyaline, with a yellow tinge ; stem-vein bare ; third longitudinal vein with a few setae at base above and below ; basicosta orange ; subcostal sclerite without upstanding setulae ; squama orange, bare ; supra-squamal ridge with a tuft of hairs at extreme anterior end. Halteres yellow.

Legs : coxae, femora and tibiae orange, tarsi black, well bristled.

Abdomen : first visible tergite mainly semi-pellucid yellow, with a black median vitta, the hind margin sometimes black narrowly ; second semi-pellucid yellow, with a median

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black stripe and black narrow hind margin ; third semi-pellucid yellow, the hind margin and a median stripe more widely brownish black, with silver-dusting which produces an irregular pattern ; fourth mainly black, becoming slightly testaceous at tip ; small marginal bristles on second visible tergite, erect marginals on third and fourth, and discals on the latter ; first visible sternite mainly orange, a little longer than the corresponding tergite, with sparse long bristles posteriorly ; second and third orange, each with sparse hairs.

Male genitalia : fifth sternum orange to testaceous, with triangular posterior processes at sides enclosing a deep notch ; GS_1 orange, small, with a row of small marginal bristles ; GS_2 orange to testaceous, with scattered bristles ; anal cerci orange, small, and separated at the tip ; distal segment of ninth coxite orange, broad, the proximal segment rod-shaped. Anterior part of paramere rod-shaped, usually bearing an apical hair, sometimes with a subapical ; the posterior part somewhat bent, with a bristle at the middle ; phallosome characteristic.

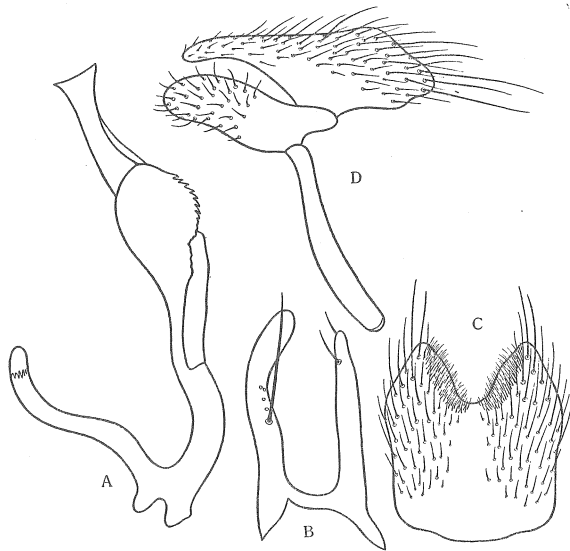


Fig. 1. *Paradichosia japonica* sp. nov.

A. Phallosome ; B. Paramere ; C. Fourth visible sternite ;
D. Anal cercus and ninth coxite (lateral view).

♀. — *Head* : eyes sparsely haired, separated at vertex by slightly less than half the width of one eye ; frons reddish brown, parallel-sided, about two times width of one of the parafrontalia ; parafrontalia grey-dusted, about equal to the width of the third antennal segment, bearing two pairs of fronto-orbital bristles.

Thorax : humeri and post-alar calli reddish black ; scutellum black, rufous towards tip.

Abdomen : darker than the male ; third visible tergite mainly black, the anterior lateral margins reddish, with silver-dusting, which produces an irregular pattern ; posterior

margin of fourth visible tergite somewhat reddish. Ovipositor black shining.

Length : 7-9 mm.

Holotype : ♂, Mt. Kuragadake (Kanazawa City), 14 IV 1957 (Hori).

Allotopotype : ♀, collected together with holotype.

Paratypes : 25 ♂♂, collected together with holotype.

Other specimens examined : Shishikukogen (Isikawa Pref.), 21 IV 1957 (Hori); Saimyojisan (Nishio City, Aichi Pref.), 5 IV 1958 (Kurahashi).

Type specimens are preserved in the author's collection.

Habitat : Honshu (Chubu).

Relationships — Somewhat resembles *Paradichosia abdominalis*, from India, but scutellum at least black at base, first visible sternite in male less prominent, terminal sternite without a tuft of rod-like hairs. It also resembles *P. pusilla* (Villeneuve), from Formosa, but differs from it in having larger body, pilose eyes and first visible sternite in male short. It will be distinguished from *P. crinitarsis* Villeneuve, from Formosa, by the hind tarsi without a fringe of hairs.