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Author(s)	Nomura, Sizumu; Nakane, Takehiko
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## A NEW SPECIES OF THE GENUS *PELECOTOMOIDES* FROM JAPAN

(Coleoptera, Rhipiphoridae)

By SIZUMU NOMURA and TAKEHIKO NAKANE

### *Pelecotomoides* (s. str.) *tokejii* sp. nov.

Black or dark reddish brown, with abdomen and legs blackish brown to reddish brown, antennae, labrum, front margin of clypeus and maxillary palpi dark reddish brown to reddish brown, and mouth parts, labial palpi and claws reddish testaceous to reddish brown. Body surface densely covered with fine punctures and greyish yellow short hairs.

Head small, bent downwards, longer than broad, moderately convex behind and flattened in front, shallowly impressed between eyes at middle and the interocular space a little narrower than twice of the eye width when seen from front. Frontal margin of clypeus straight. Labrum transverse, rounded subquadrate. Eyes kidney-shaped, temples rather broad near upper part of eyes but gradually narrowed downwards, and reaching lower margin of eyes. Maxillary palpi with 2nd joint slender, 3rd short, slightly longer than a half of the foregoing, the terminal longly elliptic, subequal in length to 2nd. Antennae serrate, 1st to 3rd joints cylindrical, 2nd short, 4th and 5th short, nearly as long as 2nd, somewhat compressed, triangular, 6th to 10th dilated, compressed, triangular, 6th about 1.5(♂) or 1.7(♀) times as long as wide, with its inner margin not arcuate, 7th to 10th progressively diminishing their length with their inner margin weakly curved (more distinctly curving in male than in female) and the apical margin of distal joints more obliquely truncate, 10th nearly as long as wide, the terminal rounded oval in shape.

Prothorax a little wider than long, widest at base, strongly narrowed forwards, with sides gently arched. Lateral margin of pronotum finely bordered, obtusely costate in basal half but nearly flat in front half. Front margin truncate and linear, with front angles rounded and indistinct. Basal margin bisinuate, with produced median lobe truncate or slightly emarginate in front of scutellum. Hind angles moderately pro-

duced, rather acute but rounded at tip. Scutellum oblong, shield-shaped, with apex rounded.

Elytra about 4 times as long as and slightly broader than prothorax, subparallel-sided, but broadest at shoulders and rounded-narrowed on apical third, with each apex rather acutely pointed. Punctuation granulate or

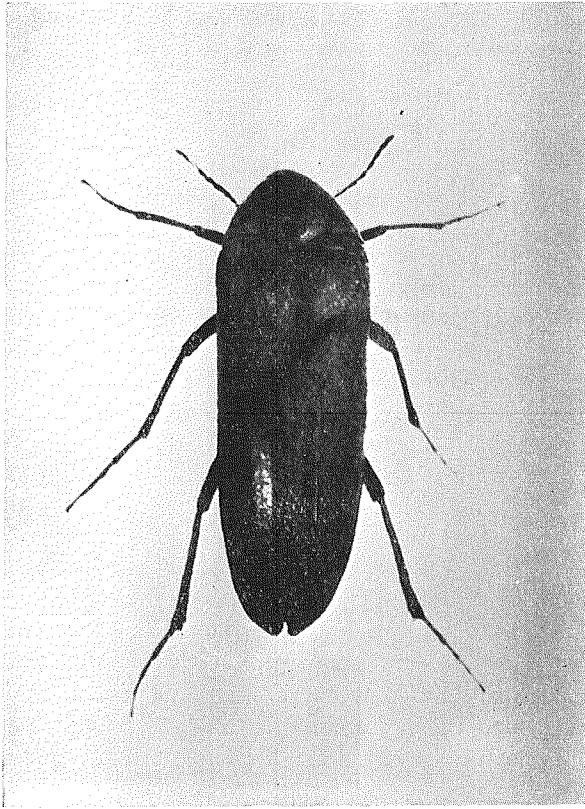


Fig. 1. *Pelecotomoides* (s. str.) *tokejii* sp. nov.

rasp-like near base, and simple but sparser near apex. Epipleura narrow but entire, gradually narrowed towards apex, with upper margin indistinct at base.

Prosternal process short and truncate at apex between coxae, and mesosternal one pointed at apex. Metasternum very large, with a fine

median longitudinal line. Abdomen: in male anal sternite and pygidium gently narrowing towards apex, where they are broadly truncate and slightly emarginate at middle, and in female strongly narrowed backwards and slightly emarginate at middle of rounded apex.

Front tibiae rather short but stout, middle and hind tibiae long and slender. Inner terminal spur of front tibiae slightly shorter than the outer and about as long as a third of 1st joint of front tarsi, and that

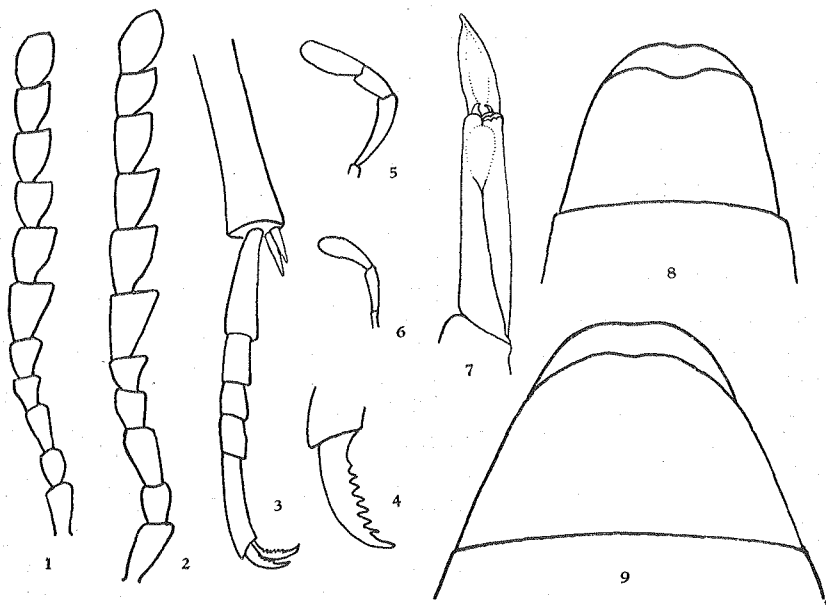


Fig. 2. *Pelecotomoides* (s. str.) *tokejii* sp. nov.

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|-----------------------|--------------------|
| 1. Antenna (♂)        | 6. Labial palp (♂) |
| 2. Antenna (♀)        | 7. Male genitalia  |
| 3. Front tarsus (♂)   | 8. Hypopygium (♂)  |
| 4. Front claw (♂)     | 9. Hypopygium (♀)  |
| 5. Maxillary palp (♂) |                    |

of middle and hind tibiae slightly longer than the outer and a third of 1st tarsal joint. Front tarsi subequal in length to front tibiae, 1st joint long, as long as 2nd and 3rd together, 3rd and 4th shorter than 2nd, 4th about 1.5 times as long as wide, as wide as 3rd, with apex truncate, the terminal longer than 1st, claws pectinate, bearing 5 to 7 small teeth. Middle tarsi longer than tibiae, 4th joint about 2.5 times as long as wide,

with its apex truncate and not emarginate. Hind tarsi slightly shorter than tibiae, with 1st joint distinctly longer than the terminal.

Body length: 8-14 mm.

Distribution: Japan (Hokkaido, Honshu, Shikoku and Kyushu).

Syntypes: 1 ♂ Jozankei, 29. July 1957, H. YAMAZAKI leg.; 1 ♀ Mt. Amagi, 20. July 1955, Y. SHIBATA leg.; 1 ♂ Fukuoka, 21. July 1953, Y. MIYAKE leg.; 1 ♂ Itojima, Fukuoka, 4. Aug. 1951, Y. MIYAKE leg.; 2 ♀ ♀ Mt. Fukuchi, Fukuoka, 9. July 1949, Y. YAMAWAKI leg.; 1 ♀ Mt. Waka-sugi, Fukuoka, 24. July 1931, 1 ♂ 1 ♀ ditto, 21. July 1932, T. SHIRÔZU leg.; 1 ♂ ditto, 29. July 1936, A. KIRA leg.; 1 ♀, Mt. Unzen, Nagasaki, 20. July 1958, Y. FUSE leg. (in coll. S. NOMURA).

1 ♀ Izugatake, Saitama, 4. July 1937, 1 ♂ ditto, 18. July 1937, Z. TOKEJI leg.; 1 ♀ Mt. Takao, Tokyo, 13. July 1951, S. HISAMATSU leg.; 1 ♂ ? M. TOKEJI leg.; 1 ♂ Mt. Fukuchi, Fukuoka, 8. Aug. 1951, N. ANDO leg. (in coll. M. TOKEJI).

1 ♂ Mt. Takao, Tokyo, July 1951, A. KATO leg.; 1 ♀ Kasuga, Nara, 14. June 1951, 1 ♂ ditto, 10. July 1951, T. IMAMOTO leg.; 1 ♀ Mt. Fukuchi, Fukuoka, 8. Aug. 1951, N. ANDO leg. (in coll. A. KATO).

2 ♂ ♂ 2 ♀ ♀ Kurama, Kyoto, 25. June 1958, T. SHIBATA leg.; 1 ♂ Mt. Amagi, 11. Aug. 1952, K. KUSAMA leg.; 1 ♂ 1 ♀ Mt. Hikosan, Fukuoka, 23-24. July 1951, A. HABU leg.; 1 ♀ ? (16) (Mt. Amagi ?) (in coll. T. NAKANE).

1 ♂ Mt. Takanawa, Shikoku, 21. July 1954, T. YANO leg. (in coll. S. HISAMATSU).

1 ♀ Mt. Amagi, Shizuoka, Aug. 1953, S. TSUYUKI leg. (in coll. Nat. Sci. Mus. Tokyo).

Probably resembles *P. impressithorax* PIC from Java, but the colouration of the body is darker, the impressions on the pronotum are much shallower and indistinct, and the median lobe of the pronotal base is truncate or slightly emarginate in front of the scutellum.