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## Bark Beetles and Ambrosia Beetles (Coleoptera, Scolytidae and Platypodidae) Intercepted at Japanese Ports, with Descriptions of New Species, IX<sup>1)</sup>

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**Abstract** Six new scolytid and one new platypodid species, and a hitherto unknown female platypodid, found in tropical timber at Japanese ports are described.

In a further collection of Scolytidae and Platypodidae, found in imported timber at Japanese ports and sent to me for determination by Mr. Shizuo OHNO of the Nagoya Plant Protection Station, I found seven apparently undescribed species and also the hitherto unknown female of *Platypus quadrispinis* BROWNE. These are described below. Other species in the collection are listed according to countries of origin.

### List of the Intercepted Species Arranged According to Countries of Origin

#### Borneo

*Acanthotomicus peregrinus* (SCHEDL)

Tg. Mani (Sarawak)→Nagoya, 3 ♂♂ 3 ♀♀, 21. X. 1982, ex *Terminalia* log, M. KATO leg.

*Ozopemon sirambeanus* HAGEDORN

Tg. Mani (Sarawak)→Nagoya, 2 ♀♀, 19. XI. 1982, ex Melapi log, Y. HATANAKA leg.

*Cyrtogenius elongatus* (EGGERS)

Kudat (Sabah)→Nagoya, 5 exs., 6. XI. 1982, ex Keruing log, S. NISHIO leg.

*Xyleborus tunggali* SCHEDL

Tg. Salirong (Sarawak)→Nagoya, 4 ♀♀, 23. X. 1982, ex Keruing log, S. OHNO leg.

*Schedlia sumatrana* (HAGEDORN)

Bintulu (Sarawak)→Nagoya, 1 ♀, 9. IX. 1982, ex Keruing log, H. NAKAZAWA leg.

*Eccoptypterus limbus* SAMPSON

Kimanis (Sabah)→Nagoya, 1 ♀, 25. I. 1983, ex Seraya log, M. SUZUKI leg.

#### Moluccas

*Xyleborus tunggali* SCHEDL

Ambon→Nagoya, 2 ♀♀, 28. X. 1982, ex *Canarium* log, S. TAKEHARA leg.

#### Celebes

*Xyleborus insulindicus* EGGERS

1) Part I: *Kontyû, Tokyo*, **48**: 370–379 (1980); Part II: *Ibid.*, **48**: 380–389, (1980); Part III: *Ibid.*, **48**: 482–489, (1980); Part IV: *Ibid.*, **48**: 490–500, (1980); Part V: *Ibid.*, **49**: 125–136, (1981); Part VI: *Ibid.*, **49**: 597–606, (1981); Part VII: *Ibid.*, **51**: 554–572, (1983); Part VIII: *Ibid.*, **52**: 150–158, (1984).

Luwuk→Nagoya, 1 ♂ 2 ♀♀, 21. VII. 1982, ex Melapi log, Y. HATANAKA leg.

#### New Guinea

*Cyrtogenius parvus* BROWNE

Tg. Usau (West Irian)→Nagoya, 4 exs., 16. II. 1983, ex *Terminalia* log, S. TAKEHARA leg.

*Xyleborus noxius* SAMPSON

Tg. Hoakep (Misool Is., West Irian)→Nagoya, 2 ♀♀, 15. X. 1982, ex Matoa log, S. OKADA leg.

*Crossotarsus terminatus* CHAPUIS

Tg. Usau (West Irian)→Nagoya, 1 ♂, 1. X. 1982, ex Matoa log, S. NISHIO leg.

#### Solomon Islands

*Phloeosinus latus* EGGERS

Lever Harbour→Nagoya, 4 exs., 3. IX. 1982, ex Penarahan log, S. OHNO leg.

*Cryphalus artocarpus* (SCHEDL)

Viru Harbour→Nagoya, 6 exs., 15. X. 1982, ex unidentified log, M. SUZUKI leg.

*Cryphalus fulvus* NIJIMA

Viru Harbour→Nagoya, 6 exs., 15. X. 1982, ex unidentified log, S. OHNO leg.

*Xyleborus ursulus* EGGERS

Viru Harbour→Nagoya, 4 ♀♀, 20. X. 1982, ex Matoa log, M. OKAMURA leg.

#### New Britain

*Phloeosinus latus* EGGERS

Gamadoudou→Nagoya, 2 exs., 22. I. 1983, ex Penarahan log, H. NAKAZAWA leg.

*Cryphalus terminaliae* BROWNE

Putput→Nagoya, 6 exs., 16. XII. 1982, ex *Terminalia* log, Y. HATANAKA leg.

*Poecilips vulgaris* (EGGERS)

Pomio→Nagoya, 4 ♀♀, 30. XI. 1982, ex *Garcinia* log, S. OHNO leg.

*Ozopemon obanus* HAGEDORN

Pomio→Nagoya, 2 ♀♀, 1. XII. 1982, ex *Ficus* log, M. KATO leg.

*Ozopemon similis* (EGGERS)

Pomio→Nagoya, 2 ♀♀, 1. XII. 1982, ex unidentified log, S. OHNO leg.

*Xyleborus intermedius* EGGERS

Pomio→Nagoya, 1 ♂ 3 ♀♀, 1. XII. 1982, ex unidentified log, S. NISHIO leg.

*Platypus quadrispinis* BROWNE

Pomio→Nagoya, 2 ♂♂ 2 ♀♀, 1. XII. 1982, ex *Ficus* log, S. TAKEHARA leg.

#### Cameroon

*Polygraphus bicolor* EGGERS

Douala→Nagoya, 2 ♂♂ 4 ♀♀, 9. XI. 1982, ex N'Gollon log, Y. HATANAKA leg.

*Platypus rimulosus* SCHEDL

Douala→Nagoya, 1 ♂, 7. V. 1982, ex Padouk log, H. ISOGAI leg.

*Doliopygus coelocephalus* (SCHAUFUSS)

Douala→Nagoya, 2 ♂♂, 5. XI. 1981, ex unidentified log, S. TAKEHARA leg.

*Doliopygus minor* SCHEDL

Douala→Nagoya, 3 ♂♂, 6. VII. 1982, ex Bubinga log, Y. HATANAKA leg.

*Doliopygus unicornis* SCHEDL

Douala→Nagoya, 1 ♂, 6. VII. 1982, ex Padouk log, H. ISOGAI leg.

*Doliopygus vilis* SCHEDL

Douala→Nagoya, 4 ♂♂, 28. XII. 1982, ex Moabi log, Y. HATANAKA leg.

### Gabon

*Premnobius cavipennis* EICHHOFF

Owendo→Nagoya, 1 ♀, 18. VI. 1982, ex Bubinga log, Y. HATANAKA leg.

*Cylindropalpus auricomans* (SCHAUFUSS)

Owendo→Nagoya, 2 ♂♂, 30. XI. 1982, ex Bubinga log, S. NISHIO leg.

*Cylindropalpus laudatus* (SCHEDL)

Owendo→Nagoya, 1 ♂, 3. XII. 1982, ex Bubinga log, M. SUZUKI leg.

*Doliopygus crinitus* (CHAPUIS)

Owendo→Nagoya, 3 ♂♂, 3. XII. 1982, ex Ovangkol log, S. OHNO leg.

*Doliopygus unicornis* SCHEDL

Owendo→Nagoya, 1 ♂, 3. XII. 1982, ex Ovangkol log, S. OHNO leg.

## Descriptions of New Species

### Scolytidae

#### *Cryphalus laevis* sp. nov.

One of the more slender species of the genus, rather closely related to *C. pilosulus* BROWNE, but more slender and the apex of the elytra more narrowly rounded.

Body 1.3 mm long, about 2.35 times as long as wide, dark brown to black.

Frons convex, shining, finely rather densely punctate; pubescence inconspicuous.

Pronotum as long as wide, the summit situated at about the middle, sides subparallel in the basal half, apex rounded and with a row of small asperities, anterior slope with well separated rather small asperities and some fine hairs, posterior part of the disc subnitid, very finely rather densely punctate. Elytra cylindrical, about 1.35 times as long as the pronotum, sides subparallel in the basal three-fourths, apex rather narrowly rounded, declivity beginning at about the apical third, obliquely convex; disc and the declivity shining, finely seriate punctate, the striae not at all impressed and not very distinct, the interstriae flat, smooth, minutely irregularly punctate and with fine suberect hairs.

Holotype: Kudat (Sabah)→Nagoya, 6. XII. 1982, ex Keruing log, Y. HATANAKA leg.; Paratypes: 3 exs., same data as the holotype.

Holotype and a paratype in the author's collection; 2 paratypes in the Nagoya Plant Protection Station.

#### *Cryphalus laticollis* sp. nov.

Closely related to *C. waplari* EICHHOFF, but the pronotum even broader.

Body 1.3 mm long, about 1.9 times as long as wide, dark brown to black.

Frons weakly convex, shining, moderately finely punctate.

Pronotum about 1.4 times as wide as long, widest at the base, the sides strongly incurved, apex rounded and armed with about 6 subequal asperities, posterior part of the disc subnitid, finely, shallowly, moderately densely punctate; some fine erect hairs on the anterior slope and sides. Scutellum small. Elytra about 1.5 times as long as the pronotum, sides subparallel in the basal two-thirds, apex rounded, declivity beginning behind the middle, convex; disc and declivity subnitid, finely seriate punctate, the striae not impressed and a serial arrangement rather indistinct, the interstriae flat, densely almost as strongly punctate; vestiture of small pale scales and a few fine erect hairs.

Holotype: Pomio (New Britain)→Nagoya, 30. XI. 1982, ex *Garcinia* log, S. OHNO leg.; Paratypes: 5 exs., same data as the holotype.

Holotype and a paratype in the author's collection; 4 paratypes in the Nagoya Plant Protection Station.

*Margadillius fulvus* sp. nov.

Related to *M. carinatus* BROWNE, but the apical margin of the pronotum not markedly reflexed, and the asperities of the anterior slope of the pronotum not transverse.

Body 1.6 to 1.7 mm long, about 2.0 times as long as wide, yellowish brown.

Frons feebly convex, subnitid, finely shallowly rather indistinctly punctate; pubescence inconspicuous.

Pronotum about 1.2 times as wide as long, the summit near the base, sides subparallel in less than the basal half, apex rounded and with a row of 6 evenly spaced low asperities, anterior slope with numerous small granular well separated asperities on a punctate ground, the short posterior part of the disc subopaque, finely shallowly rather indistinctly punctate; fine erect hairs on the anterior slope and sides. Elytra about 1.3 times as long as the pronotum, sides subparallel in more than the basal half, apex strongly rounded, declivity beginning behind the middle, evenly convex; disc and declivity not very shining, finely seriate punctate, the striae not impressed, their punctures without hairs, the interstriae wider than the striae, flat, densely shallowly very finely punctate and each with a row of fine suberect hairs.

Holotype: Fakfak (West Irian)→Nagoya, 30. XI. 1982, ex *Terminalia* log, S. OHNO leg.; Paratypes: 5 exs., same data as the holotype.

Holotype and a paratype in the author's collection; 4 paratypes in the Nagoya Plant Protection Station.

*Ozodendron laevis* sp. nov.

Closely related to *O. nitens* SCHEDL, but distinctly more finely sculptured.

Body 1.7 mm long, about 2.4 times as long as wide, brown.

Frons broadly very weakly convex, subopaque, finely punctate, with some fine hairs.

Pronotum less than 1.1 times as long as wide, sides subparallel in the basal third, thence incurved, apex distinctly narrower than the base but broadly rounded, summit in front of the middle, anterior slope finely asperate and with some fine erect hairs, posterior part of the disc shining, densely moderately finely punctate. Scutellum rounded, shining. Elytra about 1.3 times as long as the pronotum, sides subparallel in the basal three-fourths, apex rounded, declivity beginning at about the apical third, strongly convex; disc and declivity shining, moderately finely seriate punctate, the striae not at all impressed, the interstriae wider than the striae, flat, smooth, uniseriate punctate, interstitial punctures almost as large as those of the striae but a little less closely spaced; pubescence sparse, consisting of fine erect interstitial hairs, mainly at the sides. Prothoracic tibiae each with 3 teeth on the outer edge.

Holotype: Fakfak (West Irian)→Nagoya, 30. XI. 1982, ex *Terminalia* log, Y. HATANAKA leg.; Paratypes: 3 exs., same data as the holotype.

Holotype and a paratype in the author's collection; 2 paratypes in the Nagoya Plant Protection Station.

*Xyleborus indonesianus* sp. nov.

Rather closely related to *X. granosus* BROWNE, but smaller, more slender, and the basal shining part of the elytra longer.

*Female*. Body 4.3 mm long, about 2.6 times as long as wide, brown, the apical part of the elytra black.

Frons weakly convex, shining, finely moderately densely punctate, with some fine hairs.

Pronotum as wide as long, the summit at about the middle, sides subparallel in more than the basal half, apex broadly rounded and with a row of low subequal asperities, anterior slope densely rather finely asperate and with some fine erect hairs, remainder of the disc shining, rather densely very finely punctate. Scutellum subtriangular. Elytra cylindrical, about 1.6 times as long as the pronotum, sides subparallel in the basal four-fifths, apex strongly subangulately rounded, declivity beginning at about the apical third; disc on rather more than its basal half and at the sides shining, finely seriate punctate, the striae not impressed, the interstriae wider than the striae, flat, smooth, finely irregularly 2- to 3- seriate punctate, interstitial punctures smaller than those of the striae and with fine rather inconspicuous hairs; remainder of the disc abruptly matt, black, the striae punctures obsolete, the interstriae each with a row of rather strong closely spaced tubercles and rather long fine yellow hairs; face of the declivity convex, matt with erect yellowish hairs, the median part impunctate and incurved, the outer interstriae each with a row of granules.

Holotype: *Lakea* (Indonesia)→Kishiwada, 6. II. 1981, ex Meranti log, N. HIGASHIYAMA leg.; Paratype: 1 ♀, Indonesia→Kishiwada, 10. I. 1980, ex Meranti log, M. ISHIDA leg.

Holotype in the author's collection; a paratype in the Nagoya Plant Protection Station.

*Xyleborus agathis* sp. nov.

Related to *X. torquatus* EICHHOFF, but the elytral declivity more oblique and without distinct tubercles.

*Female*. Body 2.9 mm long, about 2.7 times as long as wide, dark brown to black, the appendages yellowish.

Frons weakly convex, with some rather strong punctures; pubescence inconspicuous.

Pronotum just longer than wide, the summit at about the middle, sides subparallel in the basal half, apex rather broadly rounded, anterior slope densely rather finely asperate, remainder of the disc subnitid, rather densely finely punctate, with some fine erect hairs on the anterior slope and sides. Scutellum subtriangular. Elytra cylindrical, about 1.7 times as long as the pronotum, sides subparallel in the basal two-thirds, apex rather narrowly rounded, declivity beginning behind the middle, obliquely convex; disc and declivity subnitid, moderately strongly seriate punctate, the stria punctures rather closely spaced, without hairs, the interstriae wider than the striae, flat, smooth, very finely rather closely uniseriate punctate, with some fine erect hairs.

Holotype: Indonesia→Kawasaki, 29. X. 1968, ex *Agathis* log, Y. HORIUCHI leg.; Paratypes: 2 ♀♀, same data as the holotype.

Holotype in the author's collection; 2 paratypes in the Nagoya Plant Protection Station.

Platypodidae

*Platypus solomonicus* sp. nov.

Related to *P. porcellus* SCHEDL, but smaller and with different characters of the elytral declivity and the abdomen.

*Male*. Body 4.1 mm long, about 3.0 times as long as wide, brown tinged with black, the ventral surface and appendages paler.

Frons feebly depressed, subnitid, densely moderately strongly punctate, with fine pale hairs. Vertex separated from the frons by an obtuse angle. finely punctate.

Pronotum nearly 1.1 times as long as wide, disc subnitid, sparsely very finely punctate, the median impressed line extending from near the base almost to the apex, its anterior extremity surrounded by a small cordiform patch of small pores. Elytra cylindrical, about 1.75 times as long as the pronotum, sides subparallel in the basal three-fourths, apex rounded, declivity beginning at about the apical

fourth, convex; disc subnitid, finely sulcate striate, the interstriae almost flat, smooth, minutely rather sparsely punctate, the base of interstria 3 widened, the interstriae with fine yellow hairs near the apex; at the apex of the disc interstria 3 is produced as a strong acute triangular tooth and interstria 7 as a smaller tooth, the two teeth on each side joined by a ridge; declivity matt, rather indistinctly punctate, with rows of short yellow hairs. abdomen unarmed, ventrites 3 and 4 each with a rather conspicuous transverse row of closely spaced long hairs.

*Female.* Body 4.5 mm long, about 3.0 times as long as wide, colour as in the male. Frons almost flat, subnitid, finely punctate, an impressed median line on the lower half. Pronotum as in the male but the pore patch larger. Elytra subcylindrical, about 1.9 times as long as the pronotum, sides subparallel in the basal three-fourths, apex rounded, declivity short, convex; disc finely sulcate-striate, the interstriae narrow and minutely sparsely punctate, towards the apex with fine yellowish hairs, the base of interstria 3 widened; declivity abruptly separated from the disc, finely granulate-punctate with fine yellow hairs.

Holotype: Ringi Cove (Solomon Islands)→Nagoya, 7. I. 1983, ex *Neonauclea* sp., M. SUZUKI leg.; Paratypes: 4 ♂♂ 1 ♀, same data as the holotype.

Holotype (male) and a paratype (male) in the author's collection; 4 paratypes (3 males, 1 female) in the Nagoya Plant Protection Station.

*Platypus quadrispinis* BROWNE, fem. nov.

This species was originally described only from the male specimen. The following description is of 2 females taken in association with males.

*Female.* Body 4.0 mm long, about 3.3 times as long as wide, dark brown to black, the ventral surface and appendages paler. Frons almost flat, shining, sparsely rather finely punctate, pubescence inconspicuous. Vertex separated from the frons by a rounded angle moderately finely punctate, the median line raised and smooth. Pronotum about 1.1 times as long as wide, shining, sparsely very finely punctate, the median impressed line extending from near the base to about the middle, surrounded by a large cordiform patch of fine pores. Elytra cylindrical, about 1.7 times as long as the pronotum, sides subparallel in the basal four-fifths, apex rounded, declivity beginning at about the apical fifth, convex; disc subnitid, subglabrous, striate-punctate, the striae impressed, the punctures fine, the interstriae wider than the striae, very finely, rather irregularly and not densely punctate, the base of interstria 3 widened, slightly raised and rugose; declivity subopaque, rather indistinctly granulate punctate and with moderately dense, moderately long yellow hairs.

Pomio (New Britain)→Nagoya, 2 ♂♂ 2 ♀♀, 1. XII. 1982, ex *Ficus* log, S. TAKEHARA leg.

A specimen in the author's collection; another in the Nagoya Plant Protection Station.