

Kontyû, Tokyo, 52 (1): 150–158. March 25, 1984

Bark Beetles and Ambrosia Beetles (Coleoptera, Scolytidae and Platypodidae) Intercepted at Japanese Ports, with Descriptions of New Species, VIII

F. G. BROWNE

19, Vivienne Close, Twickenham, Middlesex, England.

Abstract Ten new scolytid and one new platypodid species found in timber at Japanese ports are described.

In a further collection of Scolytidae and Platypodidae, found in timber at Japanese ports and sent to me for examination by Mr. Shizuo OHNO of the Nagoya Plant Protection Station, I found eleven apparently undescribed species. 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

Formosa

Hypothenemus sundaensis (EGGERS)

Kaohsiung→Nagoya, 6 exs., 7. XI. 1981, ex Bamboo, M. NAKANO leg.

Cryphalus dilutus EICHHOFF

Keelung→Kobe, 6 exs., 22. V. 1981, ex *Ficus retusa*, M. KANEDA leg.

Philippines

Ptilopodius dubiosus WOOD

Nasipit (Mindanao)→Shimizu, 6 exs., 1. X. 1978, ex Toog log, K. YONEYAMA leg.

Xyleborus approximatus SCHEDL

Barton (Palawan Is.)→Muroran, 2 ♀♀, 25. I. 1982, ex Apitong log, T. HAYASE leg.

Xyleborus laevis EGGERS

Baculin (Mindanao)→Nagoya, 1 ♀, 18. VIII. 1982, ex Igem log, S. OHNO leg.

Xyleborus pomelianus SCHEDL

Samar Is.→Shimizu, 1 ♂ 5 ♀♀, 26. XI. 1982, ex unidentified log, K. YONEYAMA leg.

Borneo

Hypothenemus birmanus (EICHHOFF)

Niah (Sarawak)→Nagoya, 3 exs., 21. XII. 1982, ex unidentified log, S. OHNO leg.

Hypothenemus eruditus (WESTWOOD)

Niah (Sarawak)→Nagoya, 1 ♂ 5 ♀♀, 23. XII. 1982, ex unidentified log, S. NISHIO leg.

Cryphalus artocarpus (SCHEDL)

Niah (Sarawak)→Nagoya, 5 exs., 23. XII. 1982, ex unidentified log, H. NAKAZAWA leg.

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).

Cryphalus substriatus SCHEDL

Niah (Sarawak)→Nagoya, 6 exs., 21. XII. 1982, ex unidentified log, S. NISHIO leg.

Xyleborus agnatus mesocompactus SCHEDL

Bintulu (Sarawak)→Nagoya, 3 ♀♀, 30. X. 1982, ex Keruing log, S. OKADA leg.

Xyleborus laevis EGGERS

Bintulu (Sarawak)→Nagoya, 1 ♀, 22. IX. 1982, ex unidentified log, S. TAKEHARA leg.

Xyleborus nutans SCHEDL

Bintulu (Sarawak)→Nagoya, 2 ♀♀, 24. VI. 1982, ex Selangan Batu log, S. OHNO leg.

Platypus subdepressus SCHEDL

Lawas (Sarawak)→Nagoya, 3 ♂♂ 1 ♀, 2. XI. 1982, ex *Scaphium* sp., S. TAKEHARA leg.

New Guinea

Scolytomimus maculatus BEESON

Kofiau Is. (West Irian)→Nagoya, 6 exs., 9. III. 1983, ex Manilkara log, M. KATO leg.

Scolytomimus pusillus (EGGERS)

Kofiau Is. (West Irian)→Nagoya, 6 exs., 9. III. 1983, ex Manilkara log, H. NAKAZAWA leg.

Acanthotomicus perexiguus (BLANDFORD)

Amazon (Papua New Guinea)→Nagoya, 4 ♂♂ 2 ♀♀, 1. II. 1983, ex *Ficus* log, S. NISHIO leg.

Orthotomicus angulatus (EICHHOFF)

Amazon (Papua New Guinea)→Nagoya, 5 ♂♂ 1 ♀, 1. II. 1983, ex *Ficus* log, S. NISHIO leg.

Tanzania

Chortastus orientalis SCHEDL

Salaan→Yokohama, 2 exs., 9. II. 1971, ex Dares log, M. SUZUKI leg.

Mozambique

Hapalogenius fuscipennis (CHAPUIS)

Maputom→Kobe, 2 exs., 14. X. 1981, ex Sandalo log, I. UEDA leg.

Descriptions of New Species

Scolytidae

Hypothenemus insignis sp. nov.

In sculpture rather similar to *H. cassavaensis* SCHEDL, but a distinctive species, easily recognised by the narrowly rounded, somewhat produced anterior margin of its pronotum.

Body 1.2 mm long, about 2.3 times as long as wide, black.

Frons weakly convex, subnitid, finely punctate, pubescence inconspicuous.

Pronotum as long as wide, the summit situated at about the middle, sides subparallel in a little less than the basal half, thence strongly incurved and slightly constricted, the apex narrowly rounded, appearing somewhat produced when viewed from above, the margin armed with 6 subequal evenly spaced asperities, anterior slope with numerous separate asperities, posterior part of the disc subopaque, finely shallowly not densely punctate; pubescence inconspicuous. Scutellum rounded. Elytra about 1.25 times as long as the pronotum, sides subparallel in the basal half,

apex strongly rounded, declivity beginning behind the middle, evenly convex; disc and declivity subopaque, striate punctate, the striae impressed, the interstriae a little wider than the striae, very finely irregularly punctate and with a vestiture of small pale scales.

Holotype: Niah (Sarawak)→Nagoya, 21. XII. 1982, ex unidentified log, S. NISHIO leg.; Paratypes: 2 exs., same data as the holotype.

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

Cryphalus parvus sp. nov.

Related to *C. pilosulus* BROWNE, but the pubescence of the elytra more scale-like.

Body 0.8 mm long, about 2.0 times as long as wide, brown to almost black.

Frons convex, shining, finely punctate, pubescence inconspicuous.

Pronotum about 1.05 times as wide as long, the summit situated at about the middle, sides subparallel in the basal half, apex rounded and armed with 6 evenly spaced subequal asperities, anterior slope with a broad patch of numerous well separated asperities on a punctulate ground, the posterior part of the disc densely finely punctate; pubescence inconspicuous. Scutellum rounded. Elytra about 1.3 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, their punctures without hairs, the interstriae a little wider than the striae, closely finely more or less uniseriate punctate and each with a row of pale scales.

Holotype: Viru Harbour (Solomon Islands)→Shimizu, 4. VI. 1982, ex unidentified log. K. YONEYAMA leg.; Paratypes: 4 exs., same data as the holotype.

Holotype and a paratype in the author's collection; 3 paratypes in the Nagoya Plant Protection Station.

Eidophelus gracilis sp. nov.

Related to *E. elongatus* SCHEDL, but a little less slender and the elytra distinctly seriate punctate.

Body 1.3 mm long, about 2.8 times as long as wide, brown.

Frons slightly depressed, shining, finely punctate and with fine erect hairs.

Pronotum about 1.2 times as long as wide, the summit situated in front of the middle, sides subparallel in less than the basal half, apex moderately broadly rounded, anterior slope finely densely asperate, the asperities not concentrically arranged, remainder of the disc subnitid, densely punctate; some fine erect hairs on the anterior slope and sides. Scutellum rounded. Elytra about 1.4 times as long as the pronotum, sides subparallel in the basal three-fourths, apex rounded, declivity beginning

behind the middle, convex; disc subnitid, moderately strongly seriate punctate, the striae not impressed, their punctures closely spaced, the interstriae flat, smooth, finely more sparsely uniseriate punctate; on the declivity the punctures becoming finer, the suture very feebly raised; pubescence inconspicuous, consisting of fine erect hairs, mainly on the sides.

Holotype: Lasibu (New Britain)→Nagoya, 24. I. 1983, ex *Labulla* log, M. SUZUKI leg.; Paratypes: 7 exs., same data as the holotype.

Holotype and a paratype in the author's collection; 6 paratypes in the Nagoya Plant Protection Station.

Eidophelus borneensis sp. nov.

Related to *E. gracilis* sp. nov. (see above) but the interstriae of the elytra uniseriate granulate on the declivity.

Body 1.6 mm long, about 2.9 times as long as wide, brown.

Frons broadly convex, subnitid, rather strongly but not densely punctate and with some fine hairs.

Pronotum about 1.2 times as long as wide, the summit situated just in front of the middle, sides subparallel in less than the basal half, apex rounded, anterior slope rather densely covered with small asperities, these not concentrically arranged, basal part of the disc subnitid, densely moderately finely punctate; fine erect hairs on the anterior slope and sides. Scutellum rounded. Elytra about 1.4 times as long as the pronotum, sides subparallel in the basal three-fourths, apex rather narrowly rounded, disc cylindrical, declivity beginning at about the apical third, convex; disc subnitid, moderately finely seriate punctate, the striae not or scarcely impressed, their punctures closely spaced, the interstriae wider than the striae, flat, smooth, more sparsely very finely uniseriate punctate; declivity subnitid, the interstrial punctures replaced by well separated uniseriate granules; pubescence sparse, consisting of fine erect hairs.

Holotype: Baram (Sarawak)→Nagoya, 7. XII. 1982, ex *Terminalia* log, S. NISHIO leg.; Paratypes: 7 exs., same data as the holotype.

Holotype and a paratype in the author's collection; 6 paratypes in the Nagoya Plant Protection Station.

Acanthotomicus octodentatus sp. nov.

Related to *A. perexiguus* BLANDFORD, but with different armature of the declivity of the elytra.

Male. Body 2.3 mm long, about 3.0 times as long as wide, brown.

Frons weakly depressed, subnitid, finely punctate and with some rather fine pale hairs.

Pronotum about 1.2 times as long as wide, the summit far in front of the middle,

sides subparallel in the basal half, apex rather broadly rounded and with a long row of inconspicuous asperities, anterior slope finely asperate and with some fine erect hairs, the remainder shining, very finely and not densely punctate. Scutellum rounded. Elytra about 1.3 times as long as the pronotum, sides parallel, apex strongly rounded, declivity beginning at about the apical fourth, abrupt, steep, weakly depressed, its margin armed on the upper half of each side with 4 teeth, the 2nd tooth distinctly longer than the others; disc subnitid, strongly seriate punctate, the striae not impressed, their punctures closely spaced, the interstriae wider than the striae, flat, smooth, less closely, finely uniseriate punctate and with fine erect pale hairs; face of the declivity subnitid, densely punctate, the suture slightly raised.

Female. Size and proportions as in the male. Frons broadly convex, subnitid, moderately finely punctate and with some fine hairs. Pronotum and scutellum as in the male. Elytra as in the male but the teeth of the declivity reduced to small tubercles.

Holotype: Niah (Sarawak)→Nagoya, 23. XII. 1982, ex Medang log, S. TAKEHARA leg.; Paratypes: 3 ♂♂ 2 ♀♀, same data as the holotype.

Holotype (male) and 2 paratypes (male, female) in the author's collection; 3 paratypes (2 males, 1 female) in the Nagoya Plant Protection Station.

Acanthotomicus fici sp. nov.

Related to *A. octodentatus* sp. nov. (see above) but with different armature of the declivity of the elytra.

Male. Body 2.2 mm long, about 3.1 times as long as wide, brown.

Frons weakly convex, shining, finely sparsely punctate and with some fine hairs.

Pronotum about 1.3 times as long as wide, summit far in front of the middle, sides subparallel in more than the basal half, apex rather broadly rounded, anterior slope finely rather densely asperate, the remainder shining, finely not very densely punctate; some fine erect hairs on the anterior slope and sides. Scutellum rounded. Elytra about 1.4 times as long as the pronotum, sides subparallel in the basal four-fifths, apex strongly rounded, disc cylindrical, declivity beginning at about the apical fourth, abrupt, steep, its face almost flat, its lateral margin acute on its lower half; disc shining, moderately finely seriate punctate, the striae not impressed, their punctures without hairs, the interstriae much wider than the striae, flat, smooth, subimpunctate except near the apex where they bear pale erect hairs; at the apex of the disc interstriae 1 and 5 each has a small tubercle-like tooth, interstria 3 with a larger triangular acute tooth; face of the declivity shining, finely punctate and with rows of pale erect hairs.

Female. Size, proportions and colour as in the male. Frons rather strongly convex, shining, finely not densely punctate and with some fine hairs. Pronotum and scutellum as in the male. Elytra as in the male, but the teeth at the summit of

the declivity distinctly smaller.

Holotype: Amazon (Papua New Guinea)→Nagoya, 1. II. 1983, ex *Ficus* log, S. NISHIO leg.; Paratypes: 2 ♂♂ 3 ♀♀, same data as the holotype.

Holotype (male) and a paratype (female) in the author's collection; 4 paratypes (2 males, 2 females) in the Nagoya Plant Protection Station.

Xyleborus canarii sp. nov.

Female. Related to *X. foersteri* HAGEDORN, but the declivity of the elytra with a pair of tubercles, and the apical margin of the elytra granulate.

Body 4.9 mm long, about 2.6 times as long as wide, black, the ventral surface and appendages dark brown.

Frons convex, subnitid, densely rugose-punctate, the median line smooth and slightly raised, pubescence inconspicuous.

Pronotum about as wide as long, sides subparallel in the basal half, apex rounded, the summit at about the middle, anterior slope densely asperate and with fine erect hairs, posterior half of the disc shining, rather densely minutely punctate. Scutellum rounded. Elytra about 1.6 times as long as the pronotum, sides subparallel in the basal four-fifths, apex rounded, disc cylindrical, declivity beginning at about the apical fourth, convex in profile, weakly depressed medially on the upper half; disc subnitid, densely finely punctate, a serial arrangement of the punctures indistinct but the interstrial punctures (more or less 3-seriate) with fine yellowish hairs; declivity subnitid, striae more distinct, interstria 3 with a tubercle at the upper third and interstria 4 with a smaller tubercle, the apico-lateral margin on each side with some smaller tubercle-like granules. Outer edge of the prothoracic tibiae curved and with close small teeth.

Male. Body 4.2 mm long, about 2.4 times as long as wide, black, the appendages brown. Frons weakly convex with a triangular shining depression above the epistoma, the remainder subnitid, densely punctate and with some fine hairs, the median line smooth. Pronotum about 1.2 times as long as wide, widest at the apex, sides subparallel in the basal third, thence broadly curved and expanded, the apical margin concave, disc weakly convex to near the apex, then abruptly subvertical and depressed on each side; the whole disc subnitid, densely moderately finely punctate, towards the sides with long fine erect hairs. Scutellum rounded. Elytra as long as the pronotum, sides subparallel in more than the basal half, apex rounded, declivity beginning behind the middle, convex; the whole elytra subnitid, moderately strongly seriate punctate, the striae not impressed, their punctures without hairs, the interstriae much wider than the striae, flat, rather densely 2- to 3-seriate punctate, their punctures almost as large as those of the striae, with fine erect yellowish hairs.

Holotype: Pomio (New Britain)→Nagoya, 30. XI. 1982, ex *Canarium* log, Y. HATANAKA leg.; Paratypes: 2 ♂♂ 2 ♀♀, same data as the holotype.

Holotype (female) and a paratype (male) in the author's collection; 3 paratypes (2

females, 1 male) in the Nagoya Plant Protection Station.

Xyleborus aglaiae sp. nov.

Female. Related to *X. amputatus* BLANDFORD, but larger and the punctures of the elytra differently arranged.

Body 3.3 mm long, about 2.25 times as long as wide, black or almost so, the ventral surface and appendages brown.

Frons broadly convex, rather densely moderately finely punctate, pubescence inconspicuous. Eyes emarginate.

Pronotum about as wide as long, the summit just in front of the middle, sides subparallel, apex rounded and with a row of about 8 low asperities, anterior slope densely asperate, remainder of the disc shining, very finely and very densely punctate. Scutellum subquadrate. Elytra about 1.25 times as long as the pronotum, sides subparallel, apex rounded, declivity abruptly steeply truncate, its face subcircular and finely acutely margined all around; disc shining, finely seriate punctate, the striae not impressed, the interstriae wide, flat, smooth, irregularly biseriate punctate, their punctures about as large as those of the striae and a serial arrangement therefore not very well defined; declivity shining, with scattered minute shallow punctures, the suture raised; the whole elytra subglabrous.

Male. Body 3.0 mm long, about 2.1 times as long as wide, black or almost so, the ventral surface and appendages brown. Frons almost flat, subnitid, densely moderately finely punctate and with some fine hairs. Eyes relatively small. Pronotum about 1.15 times longer than wide, only weakly convex, sides subparallel in more than the basal half, apex rather broadly rounded, anterior third rather weakly asperate and with sparse fine erect hairs, remainder of the disc shining, finely rather densely punctate. Scutellum rounded. Elytra about 0.9 times as long as the pronotum, widest at the base, sides straight and very slightly convergent, apex rounded, disc cylindrical, declivity steep, subtruncate, its face subcircular without an acute margin; punctures of the disc as in the female; declivity shining, with scattered very fine punctures, the suture not raised; the whole elytra subglabrous.

Holotype: Putput (New Britain)→Nagoya, 30. XI. 1982, ex *Aglaia* log, S. TAKEHARA leg.; Paratypes: 2 ♂♂ 2 ♀♀, same data as the holotype.

Holotype (female) and a paratype (male) in the author's collection; 3 paratypes (2 females, 1 male) in the Nagoya Plant Protection Station.

Xyleborus nakazawai sp. nov.

Female. Apparently closely related to *X. anomalus* SCHEDL, but the disc of the elytra glabrous and the striae not at all impressed.

Body 3.0 mm long, about 2.3 times as long as wide, dark brown to black, the ventral surface and appendages paler.

Frons broadly convex, subnitid, finely and not densely punctate, pubescence inconspicuous. Eyes emarginate.

Pronotum as wide as long, sides subparallel in the basal half, apex broadly rounded and with a row of about 8 moderately strong asperities, the summit at about the middle, anterior slope densely rather finely asperate, remainder of the disc shining, finely and not very densely punctate. Scutellum wider than long. Elytra about 1.25 times as long as the pronotum, widest near the apex, the sides straight, apex rounded, disc cylindrical, declivity abruptly steeply truncate, its face flat, circular, acutely margined all around; disc shining, glabrous, finely seriate punctate, the striae not at all impressed, the interstriae much wider than the striae, flat smooth, very finely irregularly biseriate punctate; declivity subopaque, each elytra with 3 rather indistinct rows of very fine punctures, the interstriae densely minutely punctate and with dense minute pale scales.

Male. Body 2.5 mm long, about 2.0 times as long as wide, dark brown to black. Frons broadly feebly convex, subopaque, very finely rather indistinctly punctate. Eyes relatively small. Pronotum nearly 1.1 times as long as wide, widest near apex, apex very broadly rounded, summit at about the middle, anterior slope very finely and not densely asperate, remainder of the disc shining, finely and not densely punctate; subglabrous. Elytra about 0.85 times as long as the pronotum, sides subparallel, apex rounded, disc cylindrical, declivity abruptly steeply truncate, its face flat, subcircular, without a distinct margin; sculpture and pubescence as in the female.

Holotype: Pomio (New Britain)→Nagoya, 30. XI. 1982, ex Watergum log, H. NAKAZAWA leg.; Paratypes: 2 ♂♂ 3 ♀♀, same data as the holotype.

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

Xyleborus viruensis sp. nov.

Female. Related to *X. dispar* (F.), but the apex of the elytra finely margined.

Body 3.0 mm long, about 2.4 times as long as wide, black, the appendages yellowish brown.

Frons broadly convex, shining, with some rather large punctures toward the sides and some fine erect hairs.

Pronotum about as long as wide, the summit at the middle, sides subparallel in the basal half, apex moderately broadly rounded and with a row of low broad asperities, anterior slope densely strongly asperate and with some fine erect hairs, the asperities smaller and denser near the summit, the remainder of the disc shining, sparsely very finely punctate. Scutellum rounded, shining. Elytra about 1.4 times as long as the pronotum, sides subparallel in the basal two-thirds, apex moderately broadly rounded and with a very fine, inconspicuous margin, disc cylindrical, declivity beginning behind the middle, obliquely convex; disc shining, rather finely seriate punctate, the striae not impressed, their punctures rather closely spaced and without

hairs, the interstriae much wider than the striae, flat, smooth, sparsely minutely irregularly uniseriate-punctate; declivity shining, the interstrial punctures replaced by very small uniseriate granules bearing fine erect yellowish hairs.

Holotype: Viru Harbour (Solomon Islands)→Nagoya, 15. X. 1982, ex unidentified log, H. NAKAZAWA leg.; Paratype: 1 ♀, same locality, 20. X. 1982, ex Basswood log, S. OHNO leg.

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

Platypodidae

Platypus abruptulus sp. nov.

Male. Related to *P. protenus* SCHEDL, but smaller, the declivity of the elytra very abruptly truncate and with different apical processes.

Body 2.1 mm long, about 3.8 times as long as wide, brown, the elytra almost black.

Frons almost flat, matt, minutely indistinctly punctate and with a small median fovea, pubescence inconspicuous. Vertex separated from the frons by an obtuse angle, matt, subimpunctate.

Pronotum about 1.2 times as long as wide, widest at the posterior angles of the lateral emarginations, disc subnitid, very finely and not densely punctate, the median impressed line extending from near the base to about the middle, its apex surrounded by a small patch of small pores. Elytra about 1.8 times as long as the pronotum, sides slightly divergent, apex angulately produced at the suture, disc cylindrical, declivity very abruptly truncate, subvertical, its face subcircular, its lateral margin on each side armed with a pointed process directed downwards at about the middle and another larger process directed downwards near the apex; disc subnitid, subglabrous, with very finely punctate impressed striae, the interstriae of rather irregular width, minutely indistinctly punctate; face of the declivity subnitid, very finely punctate and with short pale yellowish hairs, the suture raised.

Holotype: Pomio (New Britain)→Nagoya, 3. XII. 1982, ex unidentified log, Y. HATANAKA leg.; Paratypes: 3 ♂♂, same data as the holotype.

Holotype in the author's collection; 3 paratypes in the Nagoya Plant Protection Station.