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

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Abstract Thirteen new platypodid species 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 identification by Mr. Shizuo Ohno of the Nagoya Plant Protection Station, I found 13 apparently undescribed species. These are described below as new species. Other species in the collection are listed according to countries of origin.

# List of Intercepted Species Arranged According to Countries of Origin

#### New Guinea

Poecilips variabilis (Beeson)

Kajumerah→Nagoya, 3 exs., 23. VIII. 1984, ex Matoa (Pometia sp.) log, Y. HATANAKA leg.

Arixyleborus iriani BROWNE

Fakfak→Nagoya, 1 ♀, 9. X. 1984, ex Matoa (Pometia sp.) log. H. NAKAZAWA leg.

Xyleborus anisopterae Browne

Fakfak→Nagoya, 2 ♂♂ 4 ♀♀, 9. X. 1984, ex Hopea log, S. Ohno leg.

Xyleborus decumans SCHEDL

Fakfak→Nagoya, 1 ♀, 9. X. 1984, ex Nyatoh (Sapotaceae) log, S. Ohno leg. Xyleborus pseudopilifer SCHEDL

Fakfak→Nagoya, 2 ♂ 3 4 ♀♀, 9. X. 1984, ex Hopea log, S. Ohno leg. Platypus cupulatulus Schedl

Fakfak→Nagoya, 4 ♂♂ 2 ♀♀, 11. X. 1984, ex Planchonella log, M. Наsнімото leg.

Platypus lunatulus Browne

Oro Bay→Nagoya, 2 ♂♂, 31. VIII. 1984, ex Dysoxylum log, Y. HATANAKA

<sup>1)</sup> Part XIII: Kontyû, Tokyo, 54: 89-99 (1986).

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leg.

#### Solomon Islands

# Margadillius loranthus SCHEDL

Dios (Bougainville)→Nagoya, 6 exs., 20. XI. 1984, ex Ficus log, H. Naka-zawa leg.

#### New Hebrides

# Hylesinus porcatus Chapuis

Espritu Santo→Nagoya, 2 ♂♂ 4 ♀♀, 13. XI. 1984, ex Antiaris log, M. Hashimoto leg.

# Africa

# Xyleborus rufopiceus Eggers

Pointe Noire (Congo)→Nagoya, 2 ♀♀, 4. X. 1984, ex Padouk (Pterocarpus soyauxii) log. Y. HATANAKA leg.

Mesoplatypus imparispinosus Roberts

Douala (Cameroon)→Nagoya, 2 ♂♂ 1 ♀, 21. XI. 1984, ex Bubinga (Guibourtia demeusei) log, K. Yoneyama leg.

Doliopygus divaricus (SCHEDL)

Owendo (Gabon)→Nagoya, 2 & 30. X. 1984, ex Padouk (Pterocarpus soyauxii) log, H. Nakazawa leg.

# **Descriptions of New Species**

# Platypodidae

# Chaetastus striatus sp. nov.

Male. Related to C. subalpinus SCHEDL, but larger body and the striae in the elytral disc deeply impressed.

Body 6.0 mm long, about 3.1 times as long as wide, black.

Frons almost flat, subopaque, densely, finely punctate, with some fine hairs. Vertex separated from frons by an obtuse angle, subnitid, with some fine punctures and a weakly raised median line.

Pronotum about as wide as long; lateral emarginations shallow; disc subnitid, rather densely punctate, the punctures larger on anterior half; an impressed median line extending from base not quite to middle. Elytra nearly 2.0 times as long as pronotum; sides parallel; apex rounded; declivity beginning at about apical fourth, evenly convex; disc sulcate-striate, the striae with fine irregularly spaced punctures; interstriae gradually narrowed from base to summit of declivity, widened and densely granulate on base of the 3rd; declivital surface mat, striae obsolete, with

some small granules and a few tubercles on interstriae, granules and tubercles bearing short yellow hairs.

Holotype (♂): Douala (Cameroon)→Nagoya, 2. XI. 1984, ex Ekop (Paraberlinia bifoliolata) log, H. NAKAZAWA leg.; paratype: 1 ♂, same data as the holotype.

Holotype in the British Museum; a paratype (3) in the Nagoya Plant Protection Station.

#### Baiocis solomonicus sp. nov.

Male. Related to B. pernanulus (SCHEDL), but the interstriae of the elytra granulate at the apex.

Body 2.3 mm long, about 4.4 times as long as wide, brown.

Frons almost flat, subopaque, finely punctate, with some fine hairs. Vertex separated from frons by a rounded angle, subnitid, with a few moderately large punctures.

Pronotum about 1.4 times as long as wide; lateral emarginations angulate at both extremities; disc subnitid, very finely, not very densely punctate; a median impressed line extending from base to about middle. Elytra about 1.55 times as long as pronotum; apico-lateral angles abrupt but not produced; apex very broadly rounded, subtransverse; the whole disc cylindrical, shining, finely seriate-punctate; striae not impressed; interstriae flat, smooth, nearly impunctate, with small but distinct granules bearing short hairs near apex.

Holotype (♂): Lever Harbour (Solomon Islands)→Nagoya, 17. X. 1984, ex Beilschmiedia log, K. Yoneyama leg.; paratypes: 3 ♂♂, same data as the holotype.

Holotype and a paratype (3) in the British Museum; 2 paratypes (2 33) in the Nagoya Plant Protection Station.

#### Platypus agathis sp. nov.

Male. A small, slender species of the group Platypi cupulati, related to P. uncinatus Blandford, but smaller body and the elytra less constricted at the apex of the disc.

Body 2.7 mm long, about 5.4 times as long as wide, brown, with darker head and elytral apex.

Frons flat, subnitid, finely punctate; pubescence inconspicuous. Vertex rounded into frons, subnitid, finely punctate.

Pronotum about 1.6 times as long as wide; lateral emarginations deep and angulate at both extremities; disc shining, very finely and not densely punctate; a median impressed line extending from near base to about middle, with a more or less double row of small pores on each side of anterior half. Elytra cylindrical, nearly 2.0 times as long as pronotum; sides subparallel, only very weakly con-

stricted near apex; apical angles acutely produced, separated by a rather large subquadrate emargination, with a very small sutural emargination above it; declivity abrupt, subvertical; disc subnitid, finely seriate-punctate; striae not or scarcely impressed; interstriae wider than striae, flat, smooth, minutely uniseriate-punctate; declivital surface concave, shining, nearly impunctate, its margin smooth but interrupted above at suture; the whole elytra subglabrous but with some short hairs on margin of declivity.

Holotype (♂): Bangkuruan (Sabah)→Hirao, 18. V. 1984, ex Agathis log, H. Konishiike leg.; paratype: 1 ♂, same data as the holotype.

Holotype in the British Museum; a paratype (3) in the Nagoya Plant Protection Station.

# Platypus perbrevis sp. nov.

Male. Related to P. brevis Browne, but the smooth margin of the declivity of the elytra complete.

Body 3.0 mm long, about 3.2 times as long as wide, brown, with black elytral apex; general form typical of the group *Platypi cupulati* but unusually stout.

Frons almost flat, subopaque, finely and not densely punctate, with some fine hairs. Vertex separated from frons by an obtusely rounded angle, subnitid, with a few deep punctures, median line narrow and scarcely raised.

Pronotum less than 1.1 times as long as wide; lateral emarginations angulate at both extremities; disc subnitid, finely and not very densely punctate, with an impressed median line in posterior part, without patch of pores. Elytra cylindrical, about 1.7 times as long as pronotum; sides subparallel; apex with a deep double emargination extending to about middle of declivity; upper part of emargination narrow, acute; declivity abrupt, vertical, concave, produced at apical angles as a pair of short narrowly triangular teeth; disc subnitid, rather finely seriate-punctate; only 1st stria impressed; interstriae wider than striae, flat, smooth, very finely uniseriate-punctate; declivital margin broad, smooth, not interrupted above; concave face of declivity shining, impunctate; the whole elytra glabrous except for short fine hairs around margin of declivity.

Female. Body 3.2 mm long, about 3.4 times as long as wide, brown, with darkened elytral apex.

Frons almost flat, subnitid, finely and not densely punctate; pubescence inconspicuous. Vertex rounded into frons, subnitid, with a few punctures. Pronotum as in the male. Elytra cylindrical, about 1.8 times as long as pronotum; sides subparallel; apex subtransverse, declivity abrupt, vertical, much wider than high, weakly depressed; disc subnitid, subglabrous, very finely seriate-punctate; striae not impressed; interstriae wider than striae, flat, smooth, subimpunctate; declivital surface subnitid, densely finely punctate.

Holotype (♂): Tanjong Mani (Sarawak) → Nagoya, 19. V. 1984, ex Rengas

(Anacardiaceae) log, M. KATOH leg.; paratypes: 3 33 1 2, same data as the holotype.

Holotype and a paratype (3) in the British Museum; 3 paratypes (2 3319) in the Nagoya Plant Protection Station.

# Platypus abruptus sp. nov.

Male. Related to P. abruptulus Browne, but the apical processes of the elytra broad and truncate.

Body 2.1 mm long, about 4.1 times as long as wide, brown, with darker elytral apex.

Frons almost flat, finely punctate, with some fine hairs. Vertex rounded into frons, subnitid, finely punctate.

Pronotum about 1.35 times as long as wide; lateral emarginations angulate at both extremities; disc shining, finely and not densely punctate, with a cordiform patch of fine pores just behind middle. Elytra cylindrical, about 1.6 times as long as pronotum; sides subparallel; apex broadly rounded with a pair of short broad truncate processes directed downwards near suture; declivity abruptly truncate, its face subcircular; disc subnitid, subglabrous, finely striate-punctate; striae impressed, becoming deeper toward apex; interstriae wider than striae near base, flat, smooth, narrowed to points at apex; alternate interstriae slightly projecting at margin of declivity where the 9th interstria ends as a triangular pointed tooth; declivital surface subnitid, scattered with small granules bearing fine rather short hairs.

Female. Body 2.3 mm long, about 4.4 times as long as wide; colour as in the male.

Frons as in the male. Vertex rounded into frons, subnitid, with some fine punctures and a narrow raised median line. Pronotum as in the male but pore patch larger. Elytra cylindrical, about 1.9 times as long as pronotum; sides subparallel, apex subtransverse; declivity abrupt, vertical, much wider than high; disc shining, subglabrous, finely seriate-punctate; striae not impressed; interstriae wider than striae, flat smooth, with some punctures and fine hairs near apex; flat face of declivity with some small punctures and fine rather short hairs.

Holotype (♂): Adi Island (New Guinea)→Nagoya, 14. IX. 1984, ex Matoa (Pometia sp.) log, Y. Hatanaka leg.; paratypes: 1 ♂ 1 ♀, same data as the holotype, H. Isogai leg.

Holotype in the British Museum; 2 paratypes  $(1 \circlearrowleft 1 \circlearrowleft)$  in the Nagoya Plant Protection Station.

#### Platypus matoae sp. nov.

Male. Closely related to P. trilobipennis Browne, but more slender body and the elytra more finely sculptured.

Body 2.8 mm long, about 4.0 times as long as wide, dark brown to black, with yellowish brown appendages.

Frons almost flat, subnitid, finely punctate, with some short hairs. Vertex separated from frons by an obtusely rounded angle, punctures fine, not dense.

Pronotum about 1.35 times as long as wide; both extremities of lateral emarginations angulate; disc subnitid, rather densely but minutely punctate; a fine median impressed line extending from near base to about middle. Elytra cylindrical, about 1.6 times as long as pronotum; sides subparallel; apex with a broad truncate lobe on each side of suture, the lobes separated by a small emargination and directed downwards; declivity abrupt, subvertical, subtruncate; disc subnitid, finely striate-punctate; striae impressed, becoming deeper toward apex; interstriae somewhat wider than striae but becoming narrowed to points at margin of declivity, where the 9th interstria is produced as a small truncate lobe; declivital surface subopaque, irregularly finely granulate, with short yellowish hairs.

Holotype (♂): Fakfak (New Guinea) → Nagoya, 11. X. 1984, ex Matoa (Pometia sp.) log, Y. HATANAKA leg.; paratype: 1 ♂, same data as the holotype.

Holotype in the British Museum; a paratype (3) in the Nagoya Plant Protection Station.

# Platypus hashimotoi sp. nov.

Male. Related to P. gracilis Broun, but smaller, stouter body, and with different sculpture of the elytral declivity.

Body 2.9 mm long, about 3.5 times as long as wide, dark brown to black.

Frons almost flat, subopaque, very finely punctate, with some fine hairs. Vertex rounded into frons, with some fine punctures and a narrow shining median line.

Pronotum nearly 1.2 times as long as wide, widest at posterior angles of lateral emarginations; disc shining, finely rather sparsely punctate, with a fine impressed median line from near base not quite to middle, without patch of pores. Elytra cylindrical, about 1.5 times as long as pronotum; sides parallel in basal three-fourths; apex broadly rounded; declivity very steeply convex, subvertical; disc subnitid, finely striate; striae impressed, their punctures indistinct; interstriae rather sparsely uniseriate-punctate; the 3rd interstria wider than others, more shining, slightly raised; declivital surface finely granulate and with short hairs on interstriae, with some larger granules on lateral margins.

Holotype (♂): Fakfak (New Guinea) → Nagoya, 12. X. 1984, ex Nyatoh (Sapotaceae) log, M. Наsнімото leg.; paratype: 1 ♂, same data as the holotype.

Holotype in the British Museum; a paratype (3) in the Nagoya Plant Protection Station.

# Platypus dipterocarpi sp. nov.

Male. Related to P. opacicauda Browne, but smaller body and the declivity

at the elytra abruptly truncate.

Body 2.0 mm long, about 4.3 times as long as wide, brown, with black head and elytral apex.

Frons almost flat, very finely punctate; pubescence inconspicuous. Vertex rounded into frons, shining, finely punctate.

Pronotum about 1.45 times as long as wide, widest at posterior angles of lateral emarginations; disc shining, very finely punctate, without patch of pores. Elytra cylindrical, about 1.6 times as long as pronotum; sides subparallel; apex rounded, slightly produced at suture; declivity abruptly truncate, its face subcircular; disc smooth, shining, very finely and not densely punctate, with uniserial indistinct punctures; declivital surface shining, irregularly scattered with granules bearing short hairs.

Female. Body 2.0 mm long, about 4.6 times as long as wide; colour as in the male.

Head as in the male but vertex with a fine shining median line. Pronotum as in the male but with a distinct fine median line extending from base to about middle. Elytra cylindrical, about 1.8 times as long as pronotum; sides subparallel; apex subtransverse; declivity truncate, shorter than in the male, its face more or less semicircular; disc as in the male; declivital surface shining, irregularly granulate-punctate, with short erect hairs.

Holotype (♂): Tatau (Sarawak)→Nagoya, 6. X. 1984, ex Keruing (Dipterocarpus sp.) log, M. Hashimoto leg.; paratypes: 2 ♂ 3 ♀♀, same data as the holotype.

#### Platypus assamelae sp. nov.

Male. Rather closely related to P. pseudoterminatus SCHEDL, but the striae of the elytral disc not impressed.

Body 2.5 mm long, about 3.4 times as long as wide, black or almost so, with yellowish appendages.

Frons almost flat, rather densely punctate; pubescence inconspicuous. Vertex separated from frons by a rounded angle, subnitid, rather densely finely punctate.

Pronotum less than 1.1 times as long as wide; lateral emarginations shallow; disc shining, scattered with fine punctures, with a short median impressed line. Elytra cylindrical, about 1.8 times as long as pronotum; sides parallel in basal two-thirds, thence weakly incurved; apex subtransverse; declivity beginning at about apical third, obliquely convex; disc shining, glabrous except on lateral margins, finely seriate-punctate; striae not impressed; interstriae wider than striae, flat, smooth, more sparsely minutely uniseriate-punctate; declivital surface less shining than disc, with impressed striae, finely uniseriate-granulate and with short

yellow hairs on interstriae, granules larger on lateral margins.

Holotype (♂): Pointe Noire (Congo)→Nagoya, 4. X. 1984, ex Assamela (Pericopsis elata) log, H. Nakazawa leg.; paratype: 1 ♂, same data as the holotype,

Holotype in the British Museum; a paratype (3) in the Nagoya Plant Protection Station.

# Platypus parvus sp. nov.

Male. Related to P. lunatulus Browne, but the apical processes of the elytra shorter.

Body 2.2 to 2.3 mm long, about 3.0 times as long as wide, black, with yellowish brown appendages.

Frons almost flat, subnitid, rather finely punctate; pubescence inconspicuous. Vertex separated from frons by a rounded angle, finely punctate.

Pronotum about 1.35 times as long as wide, widest at posterior angles of lateral emarginations; disc subnitid, finely punctate, without patch of pores. Elytra about 1.8 times as long as pronotum, cylindrical, weakly convex at apex, apex with a short vertical apical rim; sides subparallel, very slightly incurved at extreme apex; postero-lateral angles produced, short, acutely triangular; apical margin between them wide, very broadly rounded; disc subnitid, basal half finely striate-punctate; striae not impressed but impressed apically; interstirae wider than striae, flat, smooth, indistinctly punctate, thence narrowing posteriorly, with short hairs to apex; vertical apical rim subopaque.

Female. Body 2.4 to 2.5 mm long, about 4.5 times as long as wide, black or almost so, with yellowish brown appendages.

Head as in the male. Pronotum about 1.4 times as long as wide, form and sculpture as in the male. Elytra about 2.3 times as long as pronotum, cylindrical, vertical flat at apex; sides subparallel, slightly narrowed near apex; postero-lateral angles not produced; apex very broadly rounded; most of disc subnitid, subglabrous, very finely seriate-punctate; striae not impressed but more distinct apically; interstriae wider than striae, flat, smooth, indistinctly punctate, with numerous short hairs near apex; vertical apical rim indistinctly punctate.

Holotype (3): Virn Harbour (Solomon Islands)  $\rightarrow$  Nagoya, 31, VII. 1984, ex Terminalia log, M. HASHIMOTO leg.; paratypes:  $3 \stackrel{?}{\circ} 2 \stackrel{?}{\circ} 2 \stackrel{?}{\circ}$ , same data as the holotype.

#### Platypus fulgidus sp. nov.

Male. Related to P. nitens Browne, but the pronotum with a patch of pores,

and the apex of the elytra not toothed at the suture.

Body 3.5 mm long, about 4.0 times as long as wide, black, with yellowish brown appendages.

Frons flat, mat, finely rather densely punctate, with some fine hairs. Vertex separated from frons by an obtuse angle, subnitid, with some fine punctures, median line raised.

Pronotum about 1.25 times as long as wide, widest at posterior angles of lateral emarginations; disc shining, minutely very sparsely punctate; a median impressed line extending from near base to about middle, on each side of it a narrow group of small pores. Elytra about 1.8 times as long as pronotum, cylindrical, weakly convex at apex, with a narrow vertical rim; sides subparallel, postero-lateral angles produced downwards as a pair of long slender acute processes, space between them forming more than a semicircle; disc shining, finely seriate-punctate; striae not impressed; interstriae wider than striae, flat, smooth, nearly impunctate; base of 3rd interstria widened and slightly raised; apical convexity less shining, interstriae closely finely granulate-punctate and with short hairs; narrow apical rim shining, impunctate,

Holotype (♂): Fakfak (New Guinea)→Nagoya, 6. X. 1984, ex unidentified log, Y. HATANAKA leg.; paratype: 1 ♂, Fakfak→Nagoya, 9. X. 1984, ex Pimelodendron log. S. Ohno leg.

Holotype in the British Museum; a paratype (3) in the Nagoya Plant protection Station.

#### Platypus granosus sp. nov.

Male. Related to P. setaceus Chapuis, but the pronotum with a patch of pores, the declivity of the elytra more abrupt and with different sculpture.

Body 5.0 mm long, about 3.5 times as long as wide, brown, with black elytra.

Frons flat, subopaque, densely finely punctate, covered with sparse rather short hairs. Vertex abruptly separated from frons, subnitid, finely punctate.

Pronotum about 1.2 times as long as wide, widest at posterior angles of lateral emarginations; disc shining, very finely punctate, with a fine impressed median line surrounded by a cordiform patch of fine pores in its basal half. Elytra cylindrical, about 1.5 times as long as pronotum; sides subparallel; apex rounded; declivity abrupt, steep, plano-convex, acute on lateral and apical margins; disc subnitid, sulcate-striate; strial punctures indistinct; interstriae narrowed from base to apex, with a few very fine punctures; alternate interstriae slightly produced at summit of declivity and here each with a tuft of yellow hairs; declivital surface subopaque, rather densely irregularly granulate, with pale erect hairs; a weak swelling on each elytron in about middle opposite 2nd interstria.

Female. Body 5.3 mm long, about 3.8 times as long as wide, brown, with black elytra.

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Frons almost flat, subopaque, densely finely punctate, with a narrow raised median line. Pronotum as in the male but pore patch larger. Elytra about 2.0 times as long as pronotum, mainly cylindrical, weakly convex near apex; sides subparallel; apex very broadly rounded; declivity abrupt, vertical, flat, short, much wider than long; disc shining, narrowly sulcate-striate; strial punctures fine and indistinct; interstriae wider than striae, flat, nearly impunctate, finely rather densely punctate and with yellow hairs on apical convexity of disc; the 3rd interstria widened and densely finely granulate-punctate at base; declivital surface subopaque, densely finely punctate, with short hairs.

Holotype (♂): Fakfak (New Guinea)→Nagoya, 9. X. 1984, ex Penarahan (Myristicaceae) log, S. Ohno leg.; paratypes: 2 ♂♂ 3 ♀♀, same data as the holotype.

Holotype and a paratype (Q) in the British Museum; 4 paratypes (Q Q Q Q Q) in the Nagoya Plant Protection Station.

# Crossotarsus nakazawai sp. nov.

Male. Related to C. niponicus BLANDFORD, but the apical processes of the elytra longer and less widely separated.

Body 5.4 mm long, about 3.3 times as long as wide, black, with brown appendages.

Frons flat, shining, coarsely but not densely punctate, with some fine moderately long hairs. Vertex separated from frons by an obtusely rounded angle, with sparse fine punctures.

Pronotum as wide as long, shining, sparsely very finely punctate; median impressed line short, extending from base to not quite basal fourth. Elytra about 1.9 times as long as pronotum; sides subparallel from base to about middle, thence weakly convergent; postero-lateral angles broadly bluntly produced, each with a small acute tooth at base on inner side; apex rounded; disc cylindrical on more than basal half, thence weakly convex, shining; basal part subglabrous, finely striate-punctate; striae weakly impressed; interstriae much wider than striae, flat, smooth, nearly impunctate; apical convexity of disc with deeply impressed and impunctate striae; interstriae narrow, with some moderately long hairs; lateral margins with small setiferous granules near apex; vertical apical rim between the processes narrow, nearly impunctate. Abdomen unarmed.

Female. Body 5.0 mm long, about 3.4 times as long as wide, black, with brown appendages.

Head and pronotum as in the male, but frons slightly more finely punctured, with a small median fovea. Elytra about 2.0 times as long as pronotum; sides subparallel in basal half, thence weakly incurved; apex transverse; disc cylindrical on about basal two-thirds, thence weakly convex; apex vertical; basal cylindrical part of disc shining, glabrous except on margins, very finely seriate-punctate; striae

not impressed; interstriae much wider than striae, flat, smooth, nearly impunctate; apical convexity with weakly impressed striae, interstriae with some rather short hairs; vertical apical rim irregularly finely punctate, covered with short hairs.

Holotype (♂) and a paratype (♀): Fakfak (New Guinea)→Nagoya, 11, X. 1984, ex unidentified log, H. Nakazawa leg.; paratypes: 2 ♂♂, Manokwari (New Guinea)→Nagoya, 12. X. 1984, ex Matoa (Pometia sp.) log, H. Nakazawa leg.

Holotype and a paratype (3) in the British Museum; 2 paratypes (1 3 1  $\varphi$ ) in the Nagoya Plant Protection Station.