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

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Synopsis Three new scolytid and two new platypodid species found in logs at Japanese Ports are described. All of them may have been invaded Japan from various parts of the world.

Fairly numerous specimens of Scolytidae and Platypodidae, found in logs imported into Japan from various parts of the world, and sent to me for examination by Mr. Shizuo OHNO of the Nagoya Plant Protection Station, include five new species of these families.

The result of the examination given here are represented in the same way as has been done in Part I and Part II.* They are described below.

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

Vietnam

Orthotomicus proximus (EICHHOFF)

Cam Ranh→Toyama, 2♂♂ 7♀♀, 8.VI.1973, ex *Pinus insularis*, S. OHNO leg.

Ips acuminatus (GYLLENHAL)

Cam Ranh→Toyama, 3♂♂ 3♀♀, 27.II.1973, ex *Pinus insularis*, S. OHNO leg.

Cambodia

Crossotarsus barbatus CHAPUIS

Shanock→Nagoya, 2♂♂ 1♀, 29.VI.1962, ex *Dipterocarpus* sp., M. UMEBAYASHI leg.

Thailand

Xyleborus rubricollis EICHHOFF

Bangkok→Nagoya, 3♀♀, 31.VIII.1973, ex *Tectona grandis*, M. SUZUKI leg.

Xyleborus diversicolor EGGERS

Bangkok→Nagoya, 2♀♀, 25.VIII.1977, ex *Pterocarpus* sp., N. SHIMIZU leg.

Philippine

Dactylipalpus transversus CHAPUIS

Pagadian→Shimizu, leg, 28.III.1962, ex *Shorea* sp., S. OHNO leg.

Sphaerotrypes biseriatus SCHEDL

Aparri→Tokyo, leg, V.1963, ex *Shorea* sp., K. KITAJIMA leg.

* Part I: *Kontyû, Tokyo*, 48: 370-379 (1980).

Part II: *Ibid.*, 48: 380-389 (1980).

Xyleborus diversicolor EGGERS

Lianga→Nagoya, 2 ♀♀, 4.IV.1968, ex *Shorea* sp., S. OHNO leg.

Platytarsulus elongatus SCHEDL

Pamintayan→Nagoya, 1 ♂, 6.I.1976, ex *Shorea* sp., Y. MADATE leg.

Borneo*Phloeosinus tuberculosus* BROWNE

Tg. Mani→Tagonoura, 1♂ 1♀, 9.VI.1979, ex unidentified log, Y. ISHITANI leg.

Cyrtogenius brevior (EGGERS)

Tg. Loleo→Nagoya, 7♂♂ 5♀♀, 1.XI.1979, ex *Agathis* sp., S. OHNO leg.

Tg. Loleo→Nagoya, 7♂♂ 5♀♀, 1.XI.1979, ex *Santiria* sp., S. OHNO leg.

Cyrtogenius perakensis (SCHEDL)

Lawas→Nagoya, 3♂♂ 3♀♀, 22.VIII.1979, ex *Agathis* sp., K. SHIMIZU leg.

Ozopemon browni SCHEDL

Balingian→Omaezaki, 2 ♀♀, 24.I.1980, ex unidentified log, T. TAKAHASHI leg.

Ozopemon fuscicollis HAGEDORN

Tawau→Nagoya, 3 ♀♀, 12.IV.1977, ex unidentified log, Y. MADATE leg.

Ozopemon obanus HAGEDORN

Bintulu→Omaezaki, 6 ♀♀, 13.II.1980, ex unidentified log, T. TAKAHASHI leg.

Arixyleborus mediosectus SCHEDL

Lahad Datu→Nagoya, 4 ♀♀, 17.VII.1972, ex *Shorea* sp., S. OHNO leg.

Webbia cornutus SCHEDL

Tarakan→Toyohashi, 1 ♀, 28.IX.1977, ex *Shorea* sp., N. SHIMIZU leg.

Webbia pabo SAMPSON

Silam→Nagoya, 1 ♀, 12.III.1974, ex *Shorea* sp., N. UCHIDA leg.

Xyleborus cylindromorphus EGGERS

Silam→Nagoya, 2 ♀♀, 28.V.1977, ex unidentified log, Y. MADATE leg.

Xyleborus lewisi BLANDFORD

Tawau→Nagoya, 1 ♀, 12.VI.1977, ex unidentified log, Y. MADATE leg.

Xyleborus macropterus SCHEDL

Takun→Nagoya, 2 ♀♀, 28.VI.1979, ex *Shorea* sp., N. SHIMIZU leg.

Platypus bilobipennis SCHEDL

Silam→Nagoya, 1 ♂, 29.VI.1977, ex unidentified log, Y. ISHITANI leg.

Platypus lunifer SCHEDL

Tatau→Nagoya, 3 ♂♂, 10.III.1977, ex unidentified log, Y. MADATE leg.

Platypus pallidus CHAPUIS

Tatau→Nagoya, 3♂♂ 2♀♀, 10.V.1977, ex unidentified log, Y. MADATE leg.

Platypus suffodiens SAMPSON

Tarakan→Nagoya, 2 ♂♂, 16.III.1971, ex *Shorea* sp., S. OHNO leg.

Batu Putih→Nagoya, 3 ♂♂, 16.III.1971, ex *Shorea* sp., S. OHNO leg.

Lahad Datu→Nagoya, 2♂♂ 2♀♀, 26.IX.1977, ex *Shorea* sp., N. SHIMIZU leg.

Platypus utibilis SCHEDL

Batu Putih→Nagoya, 1 ♂, 16.III.1971, ex *Shorea* sp., S. OHNO leg.

Platytarsulus elongatus SCHEDL

Lahad Datu→Nagoya, 1 ♂, 17.VII.1972, ex *Shorea* sp., S. OHNO leg.

Sumatra and Mentawai Is.*Poecilips linearis* EGGERS

Belawan→Nagoya, 6exs., 5.IV.1967, ex *Pinus merkusii*, S. OHNO leg.

Poecilips vulgaris (EGGERS)

Belawan→Nagoya, 6 exs., 5.IV.1967, ex *Pinus merkusii*, S. OHNO leg.

Webbia penicillatus (HAGEDORN)

Selat Pandjang→Kinuura, 1 ♀, 3.IX.1970, ex *Shorea* sp., Y. HIKOSAKA leg.

Crossotarsus bonvouloiri CHAPUIS

Selat Pandjang→Chiba, 1♂ 1♀, 6.V.1972, ex *Shorea* sp., M. WARABI leg.

Crossotarsus saltator SCHEDL

Pagai Is.→Nagoya, 3 ♂♂, 1.VI.1977, ex unidentified log, Y. MADATE leg.

Platypus signatus CHAPUIS

Palembang→Toyohashi, 3♂♂ 1♀, 16.XI.1974, ex *Alstonia* sp., N. SHIMIZU leg.

Genyocerus biporus (SCHEDL)

Siberut Is.→Nagoya, 3 ♂♂, 26.VIII.1977, ex *Dipterocarpus* sp., Y. MADATE leg.

Java

Poecilips papuanus (EGGERS)

Tjirebon→Nagoya, 2 exs., 2.V.1970, ex *Pinus merkusii*, S. OHNO leg.

Xyleborus lewisi BLANDFORD

Tjirebon→Nagoya, 1 ♀, 18.V.1968, ex *Pinus merkusii*, S. OHNO leg.

Celebes

Xyleborus ampicranoides HAGEDORN

Malili→Nagoya, 2 ♀♀, 2.X.1967, ex unidentified log, S. OHNO leg.

Platypus lepidus CHAPUIS

Makassar→Nagoya, 2 ♂♂, 29.VIII.1967, ex *Shorea* sp., S. OHNO leg.

Platypus quadrifissilis SCHEDL

Makassar→Nagoya, 3♂♂ 2♀♀, 29.VIII.1967, ex *Shorea* sp., S. OHNO leg.

Platypus suffodiens SAMPSON

Karossa→Nagoya, 6 ♂♂, 27.VI.1977, ex *Palaquium* sp., S. OHNO leg.

Diapus minutissimus SCHEDL

Donggala→Nagoya, 2 ♂♂, 17.IV.1976, ex *Diospyros* sp., Y. MADATE leg.

Moluccas

Xyleborus destruens BLANDFORD

Batjan Is.→Nagoya, 2 ♀♀, 1.VI.1971, ex *Shorea* sp., S. OHNO leg.

Scolytomimus pusillus (EGGERS)

Batjan Is.→Nagoya, 4♂♂ 2♀♀, 1.VI.1971, ex unidentified log, S. OHNO leg.

Crossotarsus bonvouloiri CHAPUIS

Ambong→Nagoya, 1 ♂, 23.VIII.1971, ex *Shorea* sp., K. HAYASHI leg.

Crossotarsus mniszewski CHAPUIS

Batjan Is.→Nagoya, 2 ♂♂, 1.VI.1971, ex *Shorea* sp., S. OHNO leg.

Platypus agnatus SCHEDL

Taliabu Is.→Nagoya, 3 ♂♂, 26.IX.1977, ex *Shorea* sp., N. SHIMIZU leg.

Platypus sandakanensis BROWNE

Taliabu Is.→Nagoya, 4 ♂♂, 26.IX.1977, ex *Shorea* sp., N. SHIMIZU leg.

New Guinea

Hylesinus porcatus CHAPUIS

Manoryum→Onomichi, 2 ♀♀, 27.V.1974, ex unidentified log, T. OOGI leg.

Scolytomimus maculatus BEESON

Adi Is.→Nagoya, 2♂♂ 2♀♀, 5.II.1980, ex *Palaquium* sp., N. SHIMIZU leg.

Platypus pallidus CHAPUIS

Agats→Uchiura 2 ♂♂, 23.V.1977, ex unidentified log, K. SHIMIZU leg.

Platypus suffodiens SAMPSON

Kimi→Yatsushiro, 3♂♂ 3♀♀, 13.XI.1971, ex unidentified log, H. NAKAKITA leg.

New Britain*Xyleborus destruens* BLANDFORD

Ulamona→Nagoya, 4 ♀♀, 6.I.1972, ex unidentified log, S. OHNO leg.

Crossotarsus externedentatus (FAIRMAIRE)

Buluma→Nagoya, 6 ♂♂, 28.I.1975, ex unidentified log, T. MOCHIDA leg.

Crossotarsus palatus BEESON

Buluma→Kinuura, 1♂ 1♀, 19.IV.1972, ex unidentified log, K. SHIMIZU leg.

Solomon Islands*Platypus lepidus* CHAPUIS

Deos→Nagoya, 1 ♂, 26.VII.1973, ex unidentified log, T. HASEGAWA leg.

Platypus quadrifissilis SCHEDL

Ringi Cove→Nagoya, 2 ♂♂, 22.IX.1976, ex unidentified log, Y. MADATE leg.

Mozambique*Doliopygus pseudoserratus* ROBERTS

Port Mapto→Osaka, 4♂♂ 1♀, 20.VI.1979, ex Red Chacata log, H. KONISHIHE leg.

Doliopygus spatiosus SCHEDL

Port Mapto→Osaka, 1 ♂, 20.VI.1979, ex Red Chacata log, H. KONISHIHE leg.

Cote D'Ivoire*Xyleborus alluaudi* SCHAUFUSS

Abidjan→Nagoya, 2 ♀♀, 12.I.1977, ex unidentified log, Y. MADATE leg.

Chaetastus tuberculatus (CHAPUIS)

Abidjan→Nagoya, 1 ♂, 12.I.1977, ex unidentified log, Y. MADATE leg.

Doliopygus dubius (SAMPSON)

Sanpedro→Shimizu, 2♂♂ 2♀♀, 15.X.1979, ex *Triplochiton scleroxylon*, S. MURAGAKI leg.

Ghana*Hypothenemus cassavaensis* SCHEDL

Takoradi→Osaka, 2 ♀♀, 9.V.1979, ex *Antiaris africana*, H. KONISHIHE leg.

Gabon*Poecilips advena* (BLANDFORD)

Port Gentil→Osaka, 1 ex, 22.VIII.1979, ex *Copaifera* sp., H. KONISHIHE leg.

Poecilips laevicollis SCHEDL

Port Gentil→Osaka, 6 exs., 22.VIII.1979, ex *Copaifera* sp., H. KONISHIHE leg.

Chaetastus tuberculatus (CHAPUIS)

Port Gentil→Osaka, 1♂ 1♀, 4.XII.1979, ex *Copaifera* sp., H. KONISHIHE leg.

Periommatius camerunus STROHMEYER

Dwende→Amagasaki, 2 ♂♂, 22.XII.1979, ex *Pterocarpus* sp., Y. ZYOKO leg.

Cameroon*Poecilips advena* (BLANDFORD)

Douala→Nagoya, 1 ex, 2.VI.1976, ex unidentified log, Y. MADATE leg.

Premnobius ambitiosus (SCHAUFUSS)

Douala→Nagoya, 4 ♀♀, 18.XII.1979, ex unidentified log, S. TAKEHARA leg.

Xyleborus albizzianus SCHEDL

Douala→Osaka, 6 ♀♀, 15.XI.1979, ex *Copaifera* sp., H. KONISHIHE leg.

Xyleborus ambasiusculus EGGERS

Douala→Osaka, 3 ♀♀, 29.X.1979, ex *Pterocarpus* sp., H. KONISHIHE leg.

Xyleborus consobrinus EGGERS

Douala→Osaka, 1 ♀, 14.XI.1979, ex *Pterocarpus* sp., H. KONISHIHE leg.

Xyleborus perforans (WOLLASTON)

Douala→Nagoya, 9 ♀♀, 12.IX.1979, ex unidentified log, H. NAKAKITA leg.

Cylindropalpus auricomans (SCHAUFUSS)

Douala→Osaka, 3♂♂ 1♀, 1.XI.1978, ex *Copaifera* sp., H. KONISHIHE leg.

Doliopygus dubius (SAMPSON)

Douala→Osaka, 1 ♂, 29.VIII.1979, ex *Copaifera* sp., H. KONISHIHE leg.

Doliopygus minor SCHEDL

Douala→Osaka, 4♂♂ 1♀, 13.XII.1978, ex *Mimusops djave*, H. KONISHIHE leg.

Douala→Osaka, 1♂ 1♀, 15.XI.1979, ex *Copaifera* sp., H. KONISHIHE leg.

Douala→Osaka, 1♂ 1♀, 14.XI.1979, ex *Pterocarpus* sp., H. KONISHIHE leg.

Trioastus pilosulus SCHEDL

Douala→Osaka, 1 ♂, 13.XII.1978, ex *Tieghemella* sp., H. KONISHIHE leg.

Diapus quinquespinatus CHAPUIS

Douala→Osaka, 1 ♂, 14.IV.1979, ex *Copaifera* sp., H. KONISHIHE leg.

Descriptions of New Species

Scolytidae

Ozodendron agathis sp. nov.

Related to *O. fijianus* SCHEDL, but stouter and with fewer tubercles on the declivity of the elytra.

Body 3.5 mm long, about 2.2 times as long as wide, brown.

Frons broadly convex, subnitid, finely punctate and with fine hairs.

Pronotum just wider than long, the sides incurved from behind the middle, the apex distinctly narrower than the base, rounded, the anterior three-fourths of the disc densely covered with low, transverse asperities, the posterior area densely, rather finely punctate; pubescence of fine erect hairs all over. Scutellum subtriangular. Elytra about 1.3 times as long as the pronotum, sides subparallel in the basal three-fourths, apex rounded, disc cylindrical, declivity beginning at about the apical third, steeply convex, feebly depressed on each side of the slightly raised suture; disc rather finely seriate punctate, the striae not impressed, the interstriae wider than the striae, flat, smooth, very finely rather indistinctly 1- to 2- seriate punctate and with fine, erect, moderately long hairs, interstria 2 with 2 small tubercles at the summit of the declivity; on the declivity interstriae 1, 3 and the outer interstriae each bear a row of widely spaced small tubercles in addition to the punctures.

Holotype: Tg. Loleo (Borneo)→Nagoya, 1.XI.1979, ex *Agathis* sp., S. OHNO leg.

Paratypes: 8 exs., the same data as the holotype.

Holotype and 2 paratypes in the author's collection; 6 paratypes in the Nagoya Plant Protection Station.

Xyleborus cavatus sp. nov.

Female. Closely related to *X. fallax* EICHHOFF, but the apical emargination of the elytra deeper, and the face of the declivity without distinct rows of punctures.

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

Frons broadly convex, subnitid, shallowly punctate and with some fine hairs.

Pronotum about 1.3 times as long as wide, the summit situated far in front of the middle, sides subparallel in more than the basal half, apex rounded, the anterior slope densely covered with small asperities, the posterior part of the disc smooth, subnitid, with very small shallow punctures; some fine erect hairs on the anterior slope and sides. Scutellum rounded. Elytra about 1.4 times as long as the pronotum, sides subparallel, apex emarginate at the suture, the emargination deep and narrowly U-shaped, much deeper than wide, declivity beginning behind the middle, concave; disc subnitid, finely seriate punctate, the striae not impressed, their punctures well separated, the interstriae wider than the striae, flat, smooth, finely, rather sparsely uniseriate punctate; at the margin of the declivity interstria 1 bears some small granules, interstria 3 forms a slender, pointed, slightly curved tooth, interstria 5 forms a similar but distinctly longer tooth, the lateral margin of the declivity below these teeth with a row of small piliferous granules; the concave face of the declivity subnitid, with some very small shallow punctures.

Holotype: Donggala (Celebes)→Nagoya, ♀, 17.IV.1976, ex Ebony wood, T. TAKAHASHI leg.

Paratypes: 5 ♀♀, the same data as the holotype; 3 ♀♀, Papayato (Celebes)→Nagoya, 7.XI.1979, ex *Agathis* sp., N. SHIMIZU leg.

Holotype and 2 paratypes in the author's collection; 6 paratypes in the Nagoya Plant Protection Station.

Xyleborus striatulus sp. nov.

Female. Related to *X. latecarinatus* SCHEDL, but more slender, the interstriae of the elytra carinate from about the basal third of the disc.

Body 2.6 mm long, about 2.4 times as long as wide, brown tinged with black.

Frons broadly convex, subnitid, moderately finely punctate and with some fine hairs.

Pronotum about as long as wide, the summit situated at about the middle, sides feebly curved, apex separately very broadly rounded, anterior slope covered with small asperities, the posterior part of the disc rather shallowly, moderately finely and not very densely punctate; some fine erect hairs on the anterior slope and sides. Scutellum rather small. Elytra about 1.4 times as long as the pronotum, sides

subparallel in the basal two-thirds, apex rounded, disc cylindrical, declivity beginning at about the apical third, obliquely convex; basal third of the disc finely seriate punctate, the striae not impressed, thence the striae deeply impressed, the interstriae subcarinate and uniseriate punctate, becoming uniseriate granulate on the declivity.

Holotype: Vanimo (New Guinea)→Nagoya, ♀, 3.II.1970, ex unidentified log, S. TESHIGAWARA leg.

Paratype: Tg. Mani (Borneo)→Nagoya, 1 ♀, 17.II.1970, ex unidentified log, T. MOCHIDA leg. Holotype in the author's collection; a paratype in the Nagoya Plant Protection Station.

Platypodidae

Platypus querci sp. nov.

Male. Related to *P. volaticus* SCHEDL, but the striae on the disc of the elytra distinctly impressed and the apices of the elytra separately rounded.

Body 3.4 mm long, about 4.2 times as long as wide, dark brown to black, the appendages paler.

Frons weakly convex, finely, moderately densely punctate and with a short median striga, pubescence fine. Vertex separated from the frons by a rounded angle, shallowly punctate, the median line raised.

Pronotum about 1.2 times as long as wide, the lateral emarginations deep and strongly angulate at both extremities, disc shining, rather sparsely, minutely punctate, with an impressed median line on the basal half. Elytra about 2.1 times as long as the pronotum, the sides subparallel in the basal two-thirds, thence feebly incurved, the apices separately rounded, disc cylindrical, declivity beginning at about the apical third, obliquely convex, its lateral margin slightly raised on the lower half; disc shining, finely striate punctate, the striae distinctly impressed, the interstriae wider than the striae, flat, smooth, very finely uniseriate punctate; declivity matt, the striae not impressed, the interstriae with minute, rather indistinct granules and very short hairs.

Holotype: Keelung (Formosa)→Nagoya, ♂, 23.V.1979, ex *Quercus* sp., S. OHNO leg.

Paratype: 1 ♂, the same data as the holotype.

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

Platypus sindorae sp. nov.

Male. The smallest known species of the group *Platypi lunati*, of general form rather similar to *P. tayabasi* SCHEDL, but much smaller, more slender and more finely sculptured.

Body 2.2 mm long, about 4.3 times as long as wide, brown, possibly black when fully coloured.

Frons almost flat, subnitid, moderately finely and not densely punctate, pubescence inconspicuous. Vertex separated from the frons by a rounded angle, finely punctate, the median line slightly raised.

Pronotum about 1.4 times as long as wide, the lateral emarginations angulate at both extremities, disc smooth, shining, very finely and not densely punctate, the basal half with a fine impressed median line. Elytra about 1.6 times as long as the pronotum, sides subparallel in more than the basal two-thirds, thence weakly incurved, the apical-lateral angles produced downwards and acute, separated by a space much wider than the length of each process, disc longitudinally horizontal on more than the basal two-thirds, thence obliquely convex and with a narrow, vertical apical rim; disc very finely seriate punctate, the striae not impressed, their punctures well separated, the interstriae, smooth, shining, minutely rather sparsely punctate; on the apical convexity the punctures stronger and rather confused, but those of the interstriae bearing erect hairs; the vertical apical rim smooth, shining.

Holotype: Singapore→Nagoya, ♂, 22.I.1970, ex Sepetir log (*Sindora* sp.), S. OHNO leg.

Paratype: 1 ♂, the same data as the holotype.

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