

(Noona Dan Papers No. 68.)

**Pentatomidae (Hemiptera, Heteroptera) collected
by the Noona Dan Expedition in the Philip-
pine, Bismarck and Solomon Islands.**

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The following paper consists of a list of the Pentatomidae collected by the Noona Dan Expedition in the Philippines, the Bismarck and the Solomon Islands (Petersen, 1966). 46 genera and 60 species are recorded including descriptions of four new species. All holotypes are in the Zoological Museum, Copenhagen. Paratypes, where indicated, are in the British Museum (Natural History). I wish to thank Dr. Børge Petersen of the Zoological Museum, Copenhagen for the privilege of studying this interesting collection.

Many of the species (about one third of those recorded) are widespread in distribution. Those from the Philippines show more affinity with those from the Oriental region than with the Australasian ones. Four species are recorded only from the Australasian region. Species from the Bismarck and the Solomon Islands, however, show more affinity with those from the Australasian region. Ten species are recorded as endemic to the Philippines, five species to the Bismarck Is. and one species to the Solomon Is. All three localities have many species recorded from both the Oriental and Australasian region, whilst one species *Nezara viridula* var. *smaragdula* (Fabr.) is cosmopolitan.

The arrangement of the subfamilies is that used in China and Miller (1959), with the genera arranged alphabetically in each case. The distribution records are from Kirkaldy (1909) and from the collection of the British Museum (Natural History). Single specimens that could be determined to genera only have been included to complete the record.

Subfamily ASOPINAE

Amyotea glaucolimбата (Tryon), 1892, Ann. Queensl. Mus. 2 : 15.
Bismarck Is., NEW BRITAIN: Yalom 1000 m., 10.v.1962, 1 ♂.
Distribution : New Guinea.

Cantheconidea robusta (Distant), 1879, Ann. Mag. nat. Hist. 5 : 48.
Philippines, TAWI TAWI: Tarawakan, 12.xi.1961, 1 ♀.
Distribution : Assam, New Guinea, Cochin China, Sumatra.

Cazira chiroptera (H.S.), 1840, Die Wanzenartigen Insecten 5 : 78.
Philippines, PALAWAN: Pinigisan 600 m., 3.ix.1961, 1 ♂.
Distribution : Malacca, Borneo, Sumatra, Java, Philippines, Lombok.

Platynopus laetus Walker, 1867, Cat. Het. 1 : 127.
Bismarck Is., NEW BRITAIN: Yalom 1000 m., 19.v.1962, 1 ♀.
Distribution : Jilolo, Celebes, Malaya, New Guinea, Batchian.

Platynopus melacanthus (Boisduval), 1835, Voy. Astrolabe Ent. 2 : 628.

Bismarck Is., NEW IRELAND: Lemkamin 900 m, 22.iv.1962, 1 ♀.

Distribution : Moluccas, New Guinea, Solomon Is., New Caledonia, Murua, Lifu, Fiji, Tahiti, New Hebrides, Samoa.

Subfamily TESSARATOMINAE

Agapophyta bipunctata Boisduval, 1835, Voy. Astrolabe, Ent. 2 : 626.

Bismarck Is., NEW IRELAND: Nago Island near Kavieng, 13.i.1962, 9 ♂♂, 2 nymphs. — NEW BRITAIN: Valoka, 11.vii.1962, 2 ♂♂, 2 ♀♀, 13 nymphs.

Distribution : Papua, Moluccas, Salawati, Buru, Havre Carret, Murua, Australia, Malaya, New Britain, Duke of York I.

Agapophyta vankampeni Blöte, 1945, Zool. Meded. 25 : 289.

Bismarck Is., NEW IRELAND: Nago Island near Kavieng, 13.i.1962, 2 ♀♀. — DUKE OF YORK : Manuan, 18.vii. 1962, 1 ♂.

Distribution : New Guinea.

Oncomeris vicina Horváth, 1900, Természetr. Fuz. 23 : 354—358.

Bismarck Is., LAVONGAI : Banatam, 22.—25.iii.1962, 3 ♂♂, 4 ♀♀, 2 nymphs. — MUSSAU : Talumalaus, 17.i.1962, 1 ♀; Tasital, 3.vi.1962, 2 ♀♀, 2 nymphs.

Distribution: New Britain.

Pycnanum pretiosum Stål, 1854, Öfvers. K. Vetensk Akad. Förh. 11 : 234.

Philippines, PALAWAN : Pinigisan 600 m., 3.ix.1961, 1 ♀.

Distribution : Pulo Penang, Malacca (Malaya).

Subfamily DINIDORINAE

Cyclopelta obscura (Lep. & Serv.), 1828, Encyclopédie Méthodique 10 : 592.

Philippines, PALAWAN : Brooke's Point, Uring Uring, 15.viii.1961, 1 ♀. — MINDANAO : Sapamoro, 16.xii.1961, 1 ♀.

Distribution : India, Burma, Cochin China, China, Philippines, Sanguir, Sumatra, Borneo, Java, Celebes, Flores, Malaya, Sarawak.

Subfamily PHYLLOCEPHALINAE

Megarrhamphus rostratus (Fabr.), 1803, Systema Rhyngotorum : 188.

Philippines, MINDANAO : Sapamoro, 22.xii.1961, 1 ♂.

Distribution : India, Assam, Burma, Siam, Cochin China, China, Philippines, Sumatra, Malaya, Java, Lombok.

Subfamily PENTATOMINAE

Alciphron glaucus (Fabr.), 1775, Systema Entomologiae : 714.

Philippines, PALAWAN : Pinigisan 600 m., 10.ix.1961, 1 ♀. — BALABAC : Dalawan Bay, 12.xi.1961, 2 ♂♂.

Bismarck Is., MANUS : Lorengau, 24.vi.1962, 1 ♀.

Solomon Is., GUADALCANAL : Honiara, 27.vii.—4.iii.1962, 2 ♂♂, 3 ♀♀.

Distribution : Lifu I., Fiji, New Guinea, Samoa.

Amblycara gladiatoria (Stål), 1876, K. svenska Vetensk — Akad. Handl. 14 no. 4 : 102.

Philippines, BALABAC : Dalawan Bay, 5.x.1961, 1 ♀.

Distribution : E. India, Ceylon.

Antestiopsis chambereti (Le Guillou), 1841, Rev. zool. : 262.

Bismarck Is., NEW IRELAND : Lemkamin 900 m., 7.—23.iv.1962, 2 ♂♂, 1 ♀.

Distribution : Papua, Waigui, Ceram, Malaya.

Austromalaya ornatula Distant, 1911, Ann. Mag. nat. Hist. 7 : 384.

Solomon Is., GUADALCANAL : Rain Forest, 17 km West of Honiara, 28—29.vii.1962, 1 ♂.

Distribution : Solomon Is.

Axiagastus rosmarus Dallas, 1851, Cat. Hemipt. Brit. Mus. 1 : 222.

Philippines, BALABAC : Dalawan Bay, 7.x.1961, 1 ♀.

Distribution : Siam, Philippines, Celebes, Sarawak, India, New Britain, Malaya.

Babylas bihamatus Horváth, 1919, Ann. Mus. nat. Hung. 13 : 242.

Bismarck Is., LAVONGAI : Banatam, 21 & 25.iii.1962, 2 ♂♂.

Distribution : New Guinea, New Britain.

Bathyeolia rugifossa Bergr., 1913, Ann. Soc. ent. Belg. 57 : 230.

Philippines, BALABAC : Dalawan Bay, 12.x.1961, 1 ♀.

Distribution : Philippines.

Brizica assimilis (Horváth), 1915, Ann. Mus. nat. Hung. 13 : 247.

Bismarck Is., NEW BRITAIN : Valoka, 10.vii.1962, 3 ♂♂, 5 ♀♀; Yalom 1000 m., 21.v.1962, 1 ♂. — NEW IRELAND : Lemkamin 900 m., 15—23.iv.1962, 4 ♂♂, 1 ♀. — LAVONGAI, Banatam, 23.iii.1962, 2 ♂♂.

Distribution : New Guinea.

Caystrus pallipes (Stål), 1871, Öfvers. K. Vetensk Akad. Förh. 27 : 624.

Bismarck Is., NEW IRELAND : Lemkamin 900 m., 10.iv.1962, 1 ♀.

Distribution : Philippines.

Cuspicona antica Vollenhoven, 1868, Versl. Ak. Nat. Amst. 2 : 188.

Philippines, PALAWAN : Pinigisan 600 m., 9—13.ix.1961, 1 ♂, 3 ♀♀; Brooke's Point, Uring Uring, 19.viii.1961, 1 ♀.

Distribution : India, Malaya.

Cuspicona proxima Walker, 1867, Cat. Het. 2 : 382.

Bismarck Is., NEW BRITAIN : Kwalakessi, 3.vii.1962, 2 ♂♂; Valoka, 8.vii. 1962, 1 ♂, 1 ♀; Yalom 1000 m., 18.v.1962, 1 ♀; Komgi 1000 m., 14.v.1962, 1 ♀.

Distribution : Ké I., Aru I., New Britain, Duke of York's I.

Dabessus malayana (Distant), 1900, Ann. Mag. nat. Hist. (7) 5 : 428.

Philippines, PALAWAN : Pinigisan 600 m., 10.ix.1961, 1 ♀.
Distribution : Malaya, Laos.

***Dalpada striata* sp. n.**

Length: ♂ 17—18 mm. ♀ 19—19.5 mm.

Width across humeral angles: ♂ 8—8.5 mm. ♀ 8.5—9 mm.

Head markedly produced in front of eyes, tylus extending beyond juga, rostrum extending almost to fourth segment of abdomen; antennae with segment II approximately one third length of segment III; pronotum with lateral angles very pronounced; head and pronotum punctate dorsally, sparsely so on yellowish brown areas, densely so on green areas; scutellum with base elevated, longitudinally keeled towards apex; forewings with corium finely punctate. ♂ genitalia as in Fig. 1.

Colour : Head and pronotum dull yellowish brown with lateral margins of head in front of eyes, vertex behind eyes, two spots on apex of pronotum and five stripes on posterior half of pronotum iridescent green, lateral angles of pronotum dark brown; antennae with segments I and II pale brown dorsally becoming darker ventrally, remaining segments dark brown; scutellum pale brown with elevated portions darker and marked with dark brown to black patches; forewings with corium dull brown; segments of connexivum iridescent green anteriorly, dull yellowish brown posteriorly; membrane dark brown becoming paler basally with apical veins darker brown; ventral surface dull yellow with lateral bands from head to tip of abdomen iridescent, present on head and thorax as scattered patches only; spiracles with rims black; legs greyish yellow with darker patches.

Holotype : ♂ NEW IRELAND : Lemkamin 900 m., 17.iv.1962.
— Paratypes : NEW IRELAND : Lemkamin, 1 ♂, 20.iv.1962 (in B.M.); 1 ♀, 17.iv.1962 (in B.M.); 1 ♂ 1 ♀, 23.iv.1962 (♂ in B.M.); 1 ♂, 19.iv.1962. — LAVONGAI : Banatam, 1 ♀, 22.iii.1962.

Dalpada striata differs from *D. simplicipes* Stål in being more slender with thicker and longer antennae and a narrower scutellum and from *D. viridula* Distant in having stripes on the pronotum and being smaller with more robust antennae.

***Dalpada* sp.**

Solomon Is., GUADALCANAL: 17 km W. of Honiara, Rain Forest, 1 ♀, 28—29.vii.1962.

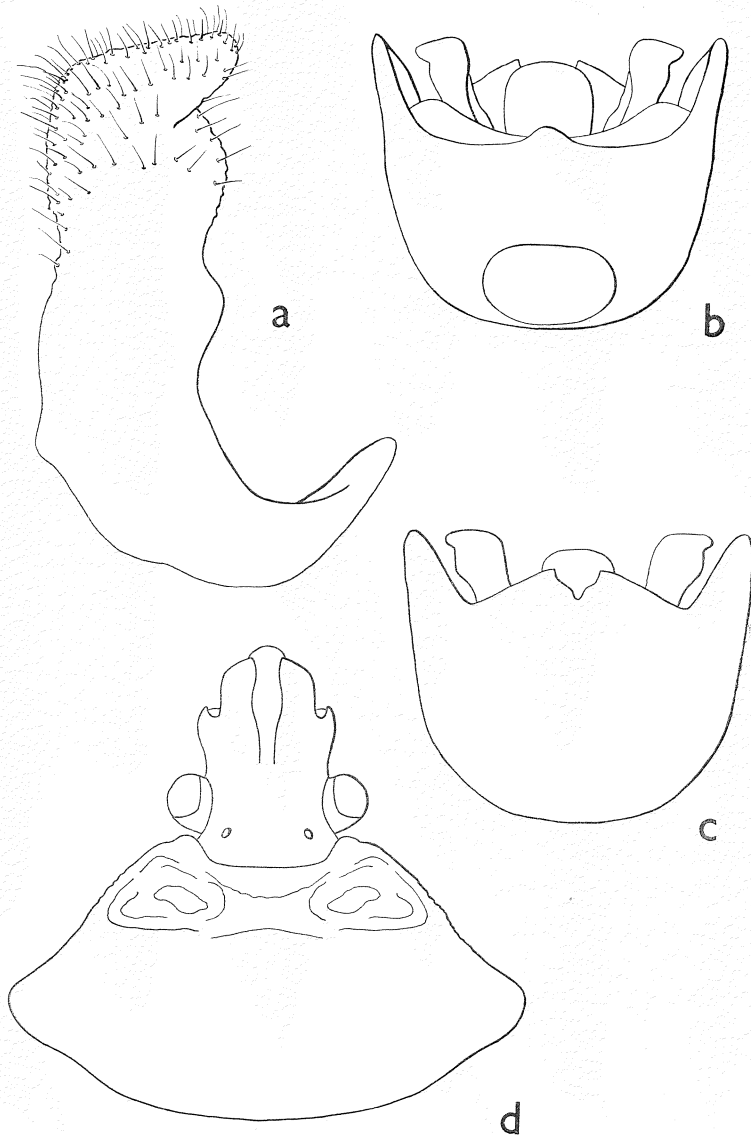


Fig. 1. *Dalpada striata* sp. n. a, Paramere; b, Dorsal view of pygophor; c, Ventral view of pygophor; d, Head and pronotum.

Eurinome sp.

Bismarek Is., NEW IRELAND : Lemkamin 900 m., 20.iv.1962, 1 ♀.

Euryaspis flavescens Distant, 1911, Ann. Mag. nat. Hist. 7 : 346.

Philippines, PALAWAN : Pinigisan, 600 m., 21.viii.1961, 1 ♂.

Distribution : China, Borneo.

Eysareoris bovillus Dallas, 1851, Cat. Hemipt. Brit. Mus. 1 : 229.

Philippines, PALAWAN : Uring Uring, 18.viii.1961, 2 ♂♂, 2 ♀♀; Pinigisan 600 m., 1—23.ix.1961, 19 ♂♂, 9 ♀♀. — MIN-DANAO : Sapamoro, 22.xii.1961, 1 ♂, 1 ♀, 1 nymph.

Distribution : Philippines, Sumatra, Java.

Eysareoris ventralis (Westwood), 1837, Cat. Hope 1 : 36.

Philippines, BALABAC : Dalawan Bay, 6.x.1961, 1 ♀. — TAWI TAWI : Tarawakan, 26.x.1961, 1 ♂.

Distribution : India, Burma, Cochin China, Philippines, Malaya, Sumatra, Java.

Glaucias clemensae Distant, 1910, Philipp. J. Sci. 5 : 58.

Philippines, PALAWAN : Pinigisan 600 m., 21.ix.1961, 1 ♀. — BALABAC : Dalawan Bay, 12.x.1961, 1 ♀.

Distribution : Philippines.

Glaucias dorsalis (Dohrn), 1860, Stettin ent. Ztg. 21 : 401.

Philippines, PALAWAN : Uring Uring, 17 & 18.viii.1961, 1 ♀, 1 ♂; Pinigisan 600 m., 6—21.xi.1961, 4 ♀♀. — BALABAC : Dalawan Bay, 4—12.x.1961, 11 ♂♂, 14 ♀♀. — TAWI TAWI, Tarawakan, 12.xi.1961, 1 ♂.

Distribution : Ceylon, Sarawak, Penang.

Glaucias impar (Walker), 1867, Cat. Het. 2 : 374.

Philippines, PALAWAN : Uring Uring, 18.viii.1961, 1 ♀; Pinigisan 600 m., 9.ix.1961, 1 ♀. — BALABAC : Dalawan Bay, 5—12.x.1961, 1 ♂, 10 ♀♀. — TAWI TAWI : Lapid Lapid, 19.xi.1961, 2 ♀♀; Tarawakan, 12.xi.1961, 1 ♀.

Bismarek Is., NEW IRELAND : Lemkamin 900 m., 5. & 7.iv.1962, 6 ♂♂, 5 ♀♀; Danu, Kalili Bay, 30.iv.1962, 1 ♂. — DYAUL : Sumuna, 7.iii.1962, 1 ♀.

Distribution : Sumatra, Borneo, Java, Philippines, Malaya, Sarawak.

Glaucias inornata (Stål), 1871, Öfvers. K. Vetensk Akad. Förh. 27 : 633.

Philippines, BALABAC : Dalawan Bay, 5 & 7.x.1961, 2 ♂♂.
Distribution : Philippines.

Halyomorpha philippina sp. n.

Length: ♂ 15—15.3 mm. ♀ 17—18.25 mm.

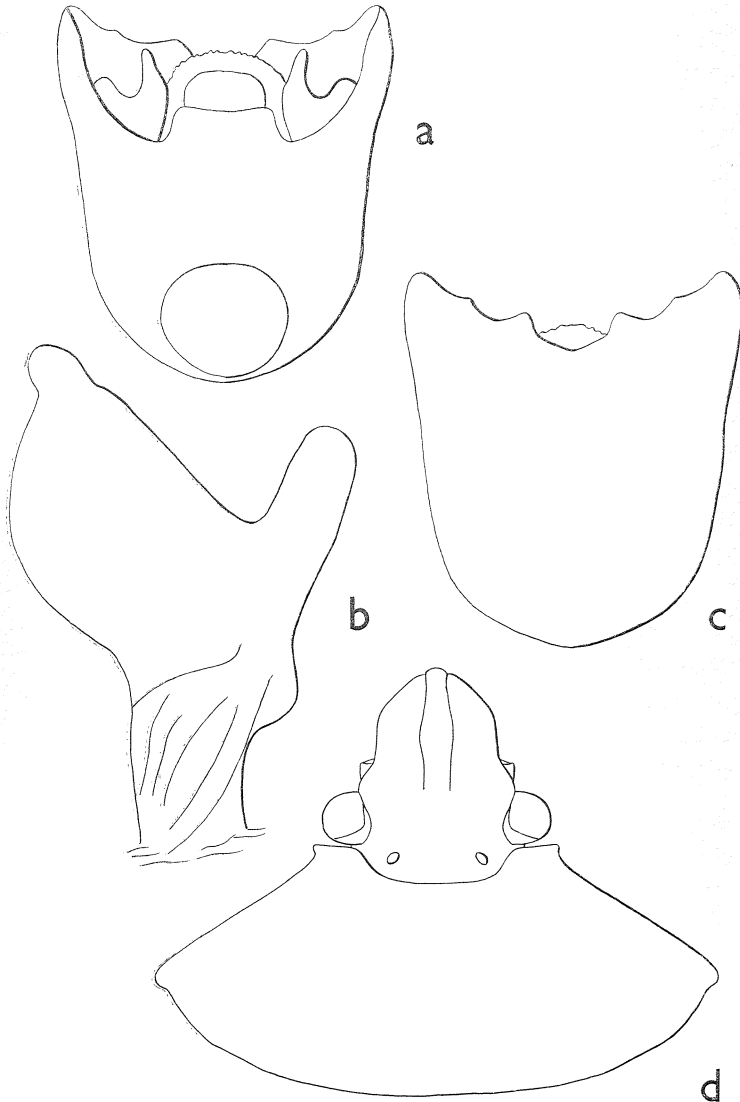


Fig. 2. *Halyomorpha philippina* sp. n. a, Dorsal view of pygophor; b, Paramere; c, Ventral view of pygophor; d, Head and pronotum.

Width across humeral angles : ♂ 8—9.25 mm. ♀ 10—10.75 mm.

Dorsal surface uniformly punctate, more densely so on head and anterior region of pronotum; rostrum extending beyond hind coxae; membrane exceeding length of abdomen.

♂ genitalia as in Fig. 2.

Colour : Light brown dorsally; pale stramineous ventrally; antennae pale stramineous, apex of third segment and middle of last two segments darker; ocelli bright red; eyes rufous; basal angles of scutellum with pale impunctate spot; segments of connexivum dark brown, pale in centre; membrane light brown; dark line in front of eyes reaching above and beyond base of antennae.

Holotype : ♂ Philippines, BALABAC : Dalawan Bay, 7.x.1961.
— Paratypes : BALABAC : Dalawan Bay, 1 ♂, 4.x.1961 (in B.M.); 2 ♀♀, 12.x.1961 (1 ♀ in B.M.); 2 ♂♂, 2 ♀♀, 5.x.1961 (1 ♂, 1 ♀ in B.M.); 2 ♀♀, 7.x.1961.

Halyomorpha philippina differs from all other species in the genus in the pale stramineous colour ventrally and distinctive dark punctures dorsally.

Halyomorpha picus (Fabr.), 1794, *Entomologia Systematica* 4 : 115.

Philippines, BALABAC : Dalawan Bay, 7—12.x.1961, 7 ♂♂, 13 ♀♀.

Distribution : India, Assam, Burma, N. & S. China, Ceylon, Sumatra, Java, Japan, Timor.

Halyomorpha sp.

Bismarck Is., NEW BRITAIN : Yalom 1000 m., 16.v.1962, 1 ♀.
— MANUS : Lorengau, 24.vi.1962, 1 ♀.

Hermalaus robustus Distant, 1918, *Faun. Ind. Rh.* 7 : 132.

Philippines, PALAWAN : Uring Uring, 25.viii.1961, 1 ♂.

Distribution : India.

Hoplistodera fergussoni Distant, 1911, *Ann. Mag. nat. Hist.* 7 : 344.

Bismarck Is., NEW IRELAND : Lemkamin 900 m., 15.iv.1962, 1 ♀.

Distribution : China.

Hyrmine sexpunctatus (Linn.), 1758, *Syst. Nat.* (Ed. 10) : 444.

Bismarck Is., NEW IRELAND : Lemkamin 900 m., 19.iv.1962, 1 ♀.

Distribution : Moluccas.

Menida consignata Distant, 1881, Trans. R. ent. Soc. Lond.: 215.

Bismarck Is., NEW BRITAIN : Yalom 1000 m., 10 & 17.v.1962,
2 ♀♀. — NEW IRELAND : Lemkamin 900 m., 7—23.iv.1962,
6 ♂♂, 14 ♀♀.

Distribution : Australia.

Menida spp.

- 1) Philippines, TAWI TAWI : Tarawakan, 11—14.xi.1961,
4 ♀♀.
- 2) Philippines, BALABAC : Dalawan Bay, 9.x.1961, 1 ♀.
- 3) Philippines, BALABAC : Dalawan Bay, 5.x.1961, 1 ♀.
- 4) Bismarck Is., NEW BRITAIN : Yalom, 1000 m., 9.v.1962,
1 ♀.

Neojurtina palawanica sp. n.

Length: ♂ 13 mm. ♀ 15.5—17 mm.

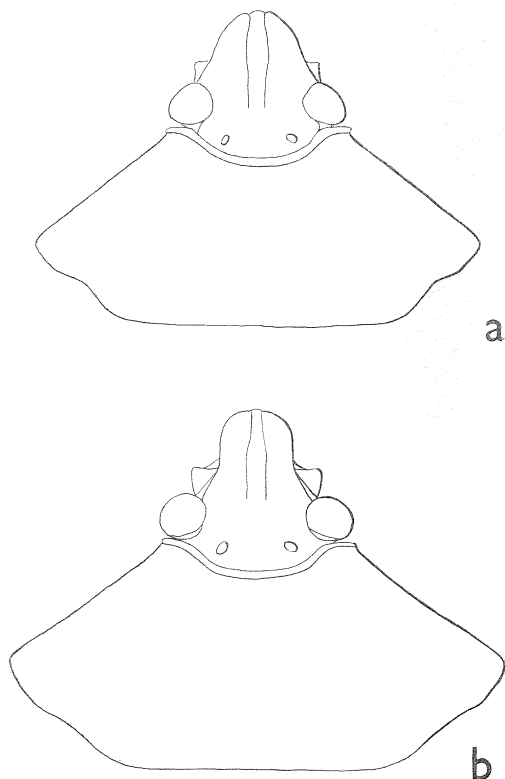


Fig. 3. *Neojurtina palawanica* sp. n. a, Head and pronotum; *Neojurtina typica* Dist. b, Head and pronotum.

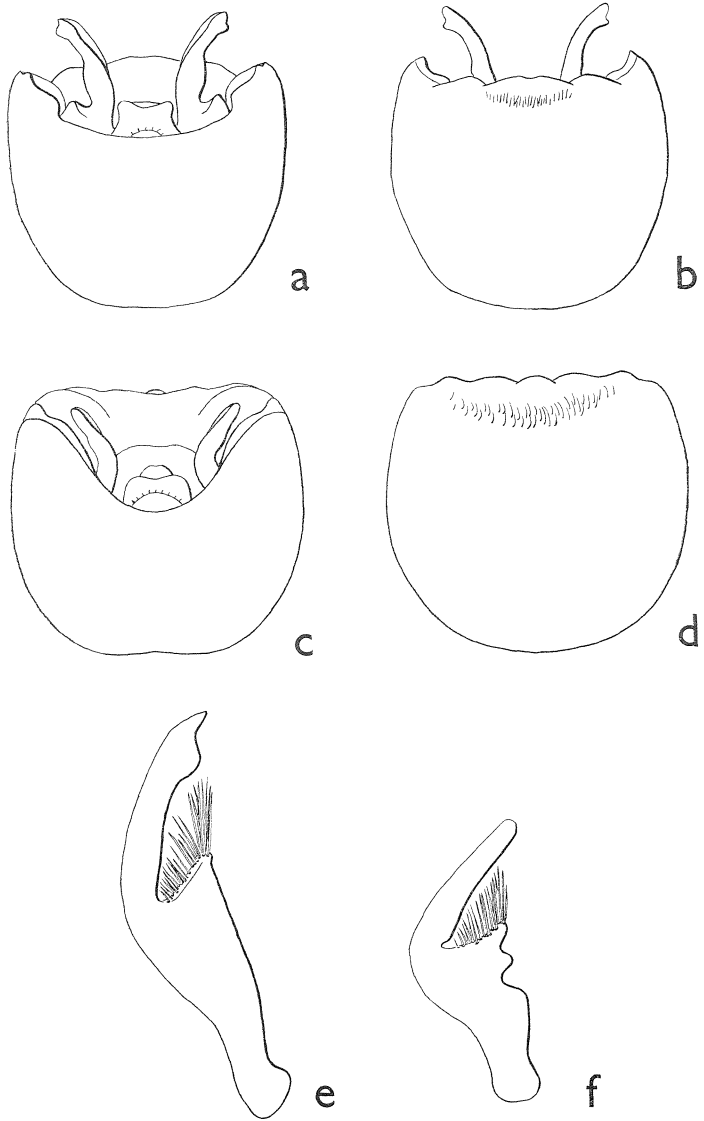


Fig. 4. *Neojurtina palawanica* sp. n. a, Dorsal view of pygophor; b, Ventral view of pygophor; e, Paramere. *Neojurtina typica* Dist. c, Dorsal view of pygophor; d, Ventral view of pygophor; f, Paramere.

Width across humeral angles : ♂ 7.25 mm. ♀ 8.5 mm.

Scutellum, corium and posterior half of pronotum densely punctate; head and anterior half of pronotum sparsely punctate; lateral marginal areas of corium impunctate; rostrum extending beyond hind coxae.

♂ genitalia as in Fig. 4a, b & e.

Colour : Head light brown with darker line on lateral margins; antennae rufous, basal half of last segment stramineous; pronotum with anterior half light brown; scutellum, corium and posterior half of pronotum darker brown; lateral marginal areas of corium light brown; ventral surface, spiracles, legs and rostrum light brown.

Holotype: ♂ Philippines, PALAWAN : Tagembung, 1150 m., 17.ix.1961. — Paratypes : PALAWAN, Tagembung, 1150 m., 1 ♀, 17.ix.1961; 1 ♀, 18.ix.1961 (in B.M.).

Neojurtina palawanica differs from *typicus* (Fig. 3b) in the smaller size, shape of head (Fig. 3a), in the shape of pygophor and parameres, and spiracles black in *typicus*.

Nezara viridula var. **smaragdula** (Fabr.), 1775, Systema Entomologia : 711.

Philippines, PALAWAN : Uring Uring, 18.viii.1961, 1 ♂.

Solomon Is., GUADALCANAL : Honiara, 27.vii.—4.viii. 1962, 1 ♀.

Distribution : Cosmopolitan.

Plautia crossota (Dallas), 1851, Cat. Hemipt. Brit. Mus. 1 : 252.

Philippines, PALAWAN : Pinigisan, 600 m., 21 & 23.ix.1961, 2 ♀♀. — TAWI TAWI : Tarawakan, 24.x.1961, 1 ♂.

Bismarck Is., NEW BRITAIN : Kwalakessi, 3.vii.1962, 2 ♂♂, 5 ♀♀; Valoka, 4—10.vii.1962, 2 ♂♂, 4 ♀♀. — DYAUL : Sumuna, 9.iii.1962, 1 ♂. — MUSSAU : Boliu, 13.ii.1962, 1 ♀. — MANUS : Lombrum, 29.vi.1962, 3 ♂♂.

Distribution : Moluccas, Java, Celebes, Sumatra, Malacca, India, Burma, China, Japan, Philippines, Ceylon, Gambia, Madagascar.

Plautia viridicollis (Westwood), 1837, Cat. Hope, 1 : 35.

Philippines, BALABAC : Dalawan Bay, 7, 9 & 11.x.1961, 2 ♂♂, 1 ♀. — TAWI TAWI : Lapid Lapid 21.xi.1961, 1 ♂, 1 ♀.

Distribution : Java, Ceylon.

Spermatodes variolosa (Walker), 1867, Cat. Het. 1 : 82.

Philippines, PALAWAN : Pinigisan 600 m., 22.ix.1961, 1 ♂.

Distribution : Burma.

Subfamily SCUTELLERINAE

Calliphara dimidiata (Dallas), 1851, Cat. Hemipt. Brit. Mus. 1 : 24.

Bismarck Is., DYAUL : Sumuna, 7 & 8.iii.1962, 2 ♀♀. — LAVONGAI : Banatam, 22.iii.1962, 2 ♂♂; Undalago, 22.ii.1962, 1 ♀.

Distribution : Philippines, New Guinea, Moluccas, Aru I., New Ireland.

Calliphara praslinia (Guérin), 1838, Voy. Coquille, Ins. 158—160.

Bismarck Is., NEW BRITAIN : Bita Paka, 15 km. S.E. of Kokopo, 10.vii.1962, 1 ♂. — DUKE OF YORK : Manuan, 20.vii.1962, 1 ♀. — DYAUL : Sumuna, 8.iii.1962, 1 ♂. — NEW IRELAND : Lemkamin 900 m., 7.iv.1962, 1 ♀.

Distribution : Celebes, New Hebrides, New Ireland, Australia, Solomon Is., Duke of York I.

Cantao rufipes Dallas, 1851, Cat. Hemipt. Brit. Mus. 1 : 17.

Philippines, PALAWAN : Uring Uring, 14—15.viii.1961, 3 ♂♂, 1 ♀. — BALABAC : Dalawan Bay, 7—12.x.1961, 2 ♂♂, 2 ♀♀.

Distribution : Philippines.

Chrysocoris eques (Fabr.), 1794, Entomologica systematica 4 : 79.

Philippines, PALAWAN : Pinigisan, 600 m., 6.ix.1961, 1 ♂.

Distribution : India, Burma, Nicobar Is., Andamans, Cochin China, Banka I., Malacca, Sumatra, Borneo, China, Sarawak, Malaya, Siam.

Chrysocoris germari (Eschscholtz), 1823, Naturw. Abh. Dorpat 1 : 156.

Philippines, BALABAC : Dalawan Bay, 8.x.1961, 1 ♀.

Distribution : Philippines.

Chrysocoris sellatus var. **stali** Kirkaldy, 1909, Catalogue of the Hemiptera : 295.

Philippines, BALABAC : Dalawan Bay, 6—12.x.1961, 2 ♂♂, 3 ♀♀.

Distribution : Philippines.

Chrysocoris trabecatus Breddin, 1905, Soc. ent. 19 : 186.

Philippines, TAWI TAWI : Tarawakan, 24.x.1961, 1 ♀.

Distribution : Philippines.

Chrysocoris sp. near **andamanensis** Atkins.

Philippines, PALAWAN : Pinigisan 600 m., 6.ix.1961, 1 ♀.

Chrosyphara eximia (Vollenhoven), 1863, Faune ent. indo-néerl. 1 : 20.

Bismarck Is., DYAUL : Sumuna, 2.iii.1962, 1 ♀.

Distribution : Papua, New Hebrides, Moluccas, Sumatra.

Chrosyphara nobilis (Linn.), 1763, Amoen. Ac. 6 : 400.

Philippines, PALAWAN : Uring Uring, 25.viii.1961, 1 ♀. — BALABAC : Dalawan Bay, 7.x.1961, 1 ♂. — TAWI TAWI : Tarawakan, 22.x.1961, 1 ♀.

Distribution : Burma, China (Hong Kong), Malaya, Philippines, Java, Celebes, Timor, Formosa.

Chrosyphara quadrinota var. **admiraltyensis** Kirk., 1909, Catalogue of the Hemiptera 1 : 298.

Bismarck Is., MANUS : Lorengau, 17.vi.1962, 1 ♂, 1 ♀.

Distribution : Admiralty Is.

Epicoleotichus borealis (Dist.), 1899, Ann. Mag. nat. Hist. (7) 4 : 31.

Philippines, PALAWAN : Pinigisan 600 m., 10.ix.1961, 1 ♂. — BALABAC : Dalawan Bay, 4—12.x.1961, 6 ♂♂, 8 ♀♀.

Bismarck Is., NEW BRITAIN : Banauli, 2.vii.1962, 1 ♀. — NEW IRELAND : Danu, Kalili Bay, 30.iv.1962, 1 ♂, 1 ♀.

Solomon Is., GUADALCANAL : Honiara, 27.vii.—4.viii.1962, 1 ♀.

Distribution : Formosa.

Philia femorata (Walker), 1867, Cat. Hem. 1 : 38.

Bismarck Is., NEW BRITAIN : Valoka, 9.vii.1962, 1 ♀.

Distribution : Moluccas, New Guinea, North Queensland, Murray I., Malaya, New Britain, Prince of Wales I.

Philia leucocyanea (Montrouzier), 1855, Annls Soc. Agric. Lyon 7 : 95.

Bismarck Is., MUSSAU : Malakata, 10.vi.1962, 4 ♂♂.

Distribution : Duke of York's I., Birara, Papua, Murua, Solomon Is., Lifu.

Philia leucocyanea var. **ebenina** Martin, 1898, Bull. Soc. ent. Fr. 226.

Bismarck Is., DYAUL : Sumuna, 6.iii.1962, 1 ♂. — LAVONGAI : Banatam, 25.iii.1962, 1 ♂. — MUSSAU, Malakata, 10.vi.1962, 1 ♀. — MANUS : Lorengau, 18.vi.1962, 1 ♀.

Distribution : New Britain, Solomon Is.

Tectocoris diophthalmus var. **tagalicus** Stål, 1870, Öfvers. K. Vetensk Akad. Förh. 26 : 617.

Philippines, TAWI TAWI : Port Bongao, 26.xi.1961, 2 ♀♀.

Distribution : Australia, Philippines.

Tetrarthia variegata Dallas, 1851, Cat. Hemipt. Brit. Mus. 1 : 20.

Philippines, PALAWAN : Uring Uring, 16.viii.1961, 1 ♂; Pinigisan 600 m., 5.ix.1961, 1 ♂.

Distribution : Assam, India, Burma, Lifu, New Caledonia, Isle of Pines, Fiji, Tonga, Samoa, Banda, Amboina, Ceram, Timor, Lombok, Celebes, Sumatra, Borneo, Java, Philippines, Cochin China.

Subfamily PODOPINAE

Scotinophara serrata (Vollenhoven), 1863, Faune ent. indo-néerl. 1 : 42.

Philippines, PALAWAN : Pinigisan 600 m., 7 & 11.viii. 1961, 2 ♂♂.

Distribution : Philippines, Assam, Burma, Malaya, Borneo, Celebes, Sarawak, Sumatra, Indo China, Sikkim.

Subfamily ACANTHOSOMATINAE

Proctophantasta pseustes Breddin, 1903, Sber. Ges. naturf. Freunde Berl. 215.

Philippines, BALABAC : Dalawan Bay, 4—9.x.1961, 7 ♂♂, 1 ♀.

Distribution : Sumatra, Borneo.

Microdeutorus sp.

Philippines, BALABAC : Dalawan Bay, 12.x.1961, 1 ♀.

Sastragala nigrispina sp. n.

Length: ♂ 9 mm.

Widths across humeral angles : ♂ 6.25 mm.

Head shining impunctate, juga tapering, tylus slightly longer; antennae with segment IV approximately one third longer than segment II; pronotum shining with anterior third impunctate except for single row along anterior margin, posterior two thirds

deeply punctate; humeral angles of pronotum acuminate, large humeral spines; corium shining, deeply punctate; apex of rostrum extending to middle coxae; abdominal spine extending forward beyond middle coxae; spiracles small.

♂ genitalia as in Fig. 5.

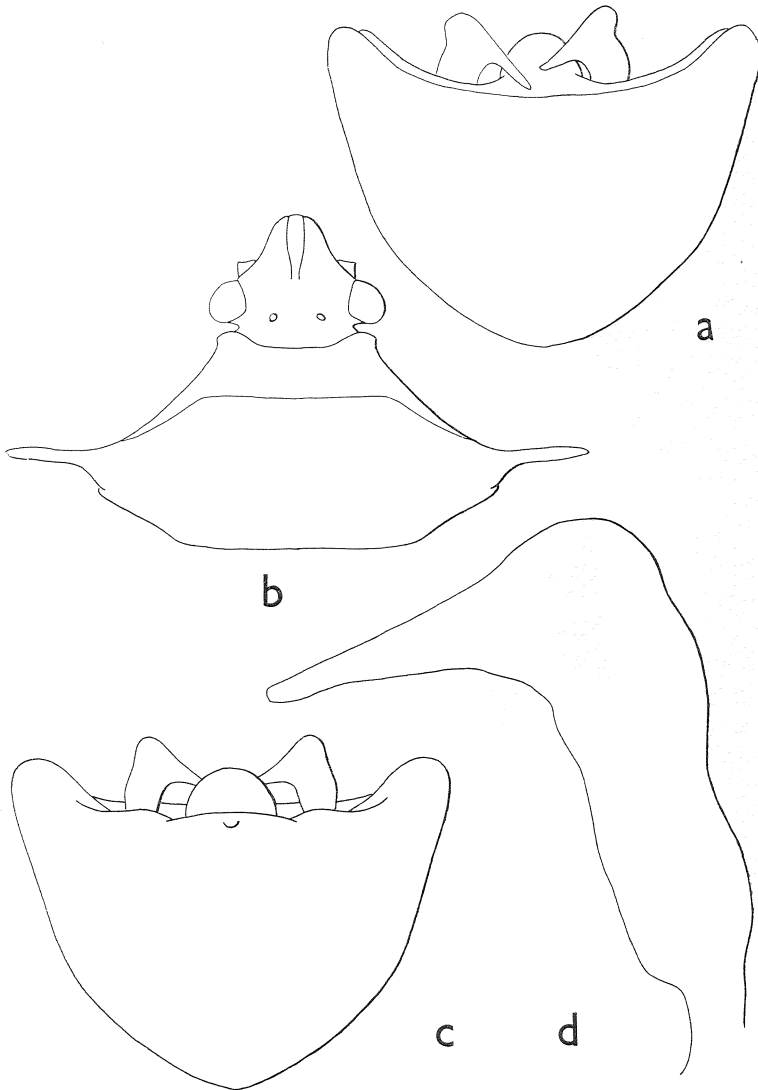


Fig. 5. *Sastragala nigrispina* sp. n. a, Dorsal view of pygophor; b, Head and pronotum; c, Ventral view of pygophor; d, Paramere.

Colour: Head bright orange-yellow; segments I and II of antennae darker yellow, III, IV and V brown; pronotum with anterior third yellow, posterior two thirds black-brown; corium black; scutellum reddish brown, apex darker; membrane pale brown; ventral surface uniformly orange-yellow with lateral margins of last two segments of abdomen black; spiracles orange-yellow; femora, tibiae and tarsi yellow-brown; apex of claws black.

Holotype: ♂ Bismarck Is., NEW BRITAIN: Yalom 1000 m., 17.v.1962.

Sastragala nigrispina differs from all other species in the genus in the brilliant yellow and black colouration.

Summary.

Dalpada striata from New Ireland, *Halyomorpha philippina* from the Philippines, *Neojurtina palawanica* from the Philippines and *Sastragala nigrispina* from New Britain are described. 46 genera and 60 species are recorded from the Philippines, the Bismarck and the Solomon Islands, with notes on the range of distribution, which is widened considerably in many species.

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