

The Scolytidae and Platypodidae (Coleoptera) from Borneo Found in Logs at Nagoya Port II

Shizuo OHNO

Nagoya Plant Protection Station
2-3-12, Irihune, Minato-ku, Nagoya 455, Japan

Abstract: A total of 86 platypodid species found in logs from Borneo at Nagoya Port are listed. Details of the host records for the present collection are given.

Key words: Platypodidae, Borneo, ecology, plant quarantine, host

Introduction

This report is continued from the preceding paper "The Scolytidae and Platypodidae (Coleoptera) from Borneo found in logs at Nagoya Port I", and platypodid species are listed in this paper.

More than 50,000 specimens of Platypodidae consisting of 86 species of 8 genera were collected by plant inspectors of Seibu Sub-Branch from April 1982 to March 1987.

Family Platypodidae

1. *Crossotarsus externedentatus* (FAIRMAIRE)

Various shipment localities; 36♂10♀, *Dracontomelon puberulum*¹⁾, 1♂, *Gluta* or *Melanorrhoea* sp., 18♂8♀, *Mangifera* sp., 1♂, *Alstonia* sp., 1♂, *Canarium* sp., 6♂1♀, *Octomeles sumatrana*, 2♂3♀, *Anisoptera* sp., 62♂24♀, *Dipterocarpus* sp., 6♂2♀, *Dryobalanops* sp., 57♂26♀, *Shorea* sp., 1♂, *Calophyllum* sp., 40♂17♀, *Albizia* sp., 2♂, *Intsia* sp., 9♂3♀, *Koompassia malaccensis*, 17♂4♀, *K. excelsa*, 5♂, *Pseudosindora* sp., 2♂2♀, *Sindora* sp., 2♂4♀, *Planchonia* sp., 3♂1♀, *Toona ? sureni*, 2♂, *Eucalyptus deglupta*, 3♂1♀, *Eugenia* sp., 10♂3♀, *Parinari* sp., 4♂1♀, Sapotaceae sp., 2♂, *Tarrietia* sp., 4♂, *Pentace* sp., 3♂, *Gmelina arborea*

2. *Crossotarsus fractus* SAMPSON

Wallace Bay²⁾; 1♂, *Shorea* sp., 46♂32♀, *Albizia* sp.

3. *Crossotarsus lecontei* CHAPUIS

Banggi; 1♂2♀, *Tarrietia* sp.

4. *Crossotarsus nitens* CHAPUIS

Banggi, Kimanis, Kudat, Lahad Datu, Tagasan, Tawau, Wallace Bay; 3♂3♀, *Anisoptera* sp., 1♂1♀, *Dipterocarpus* sp., 9♂4♀, *Dryobalanops* sp., 129♂125♀, *Shorea* sp.

1) Host record

2) Shipment locality

5. *Crossotarsus saundersi* CHAPUIS

Kimanis, Kudat, Sandakan, Tambisan, Tawau, Weston, Bintulu, Tatau, Tg. Baram, Tg. Mani; 400♂326♀, *Dipterocarpus* sp., 1♂, *Dryobalanops* sp., 1♂, *Shorea* sp.

6. *Crossotarsus squamulatus* CHAPUIS

Kudat, Sandakan, Tagasan, Tambisan, Wallace Bay, Bintulu, Sematan, Tatau, Tg. Mani, Tg. Salirong; 1♂, *Gluta* or *Melanorroeia* sp., 1♂, *Canarium* sp., 2♂2♀, *Octomeles sumatrana*, 1♂, *Anisoptera* sp., 7♂6♀, *Dipterocarpus* sp., 1♂, *Dryobalanops* sp., 10♂5♀, *Shorea* sp., 9♂5♀, *Albizia* sp., 1♂, *Antiaris* sp., 1♂1♀, *Tarrietia* sp., 1♂1♀, *Gmelina arborea*

7. *Crossotarsus ursus* SCHEDL

Bintulu; 1♂1♀, *Shorea* sp.

8. *Crossotarsus wallacei* (THOMSON)

Tagasan, Wallace Bay, Niah, Suai, Tg. Mani, Teluk Ayer; 1♂, *Dyera* sp., 2♂3♀, *Canarium* sp., 1♂, *Dillenia* sp., 1♂, *Shorea* sp., 3♂, Lauraceae sp., 3♂2♀, *Sindora* sp., 1♂1♀, *Scaphium* sp., 1♂2♀, *Gmelina arborea*

9. *Dendroplatypus impar* (SCHEDL)

Kimanis, Tawau, Balingian, Suai; 5♂2♀, *Shorea* sp.

10. *Baiocis pernanulus* (SCHEDL)

Kimanis, Bintulu, Tg. Mani; 9♂4♀, *Gluta* or *Melanorroeia* sp., 5♂, *Anisoptera* sp., 1♂, *Dipterocarpus* sp., 2♂, *Shorea* sp., 2♂, *Calophyllum* sp.

11. *Platypus alternantecostatus* SCHEDL

Tg. Mani; 3♂1♀, unidentified log

12. *Platypus artesolidus* SCHEDL

Weston, Bintulu, Miri, Tatau, Tg. Mani, Tg. Salirong; 244♂101♀, *Dipterocarpus* sp., 1♂, *Shorea* sp.

13. *Platypus bajulus* SCHEDL

Suai; 1♂, *Dyera* sp.

14. *Platypus balanocarpus* SCHEDL

Kimanis, Kudat, Tawau, Bintulu, Tg. Baram, Tg. Mani, Tg. Salirong; 31♂5♀, *Dipterocarpus* sp., 82♂46♀, *Dryobalanops* sp., 5♂3♀, *Shorea* sp., 1♂, *Vatica* sp.

15. *Platypus bicaudatus* BROWNE

Bintulu, Tatau; 1♂, *Shorea* sp., 1♂, *Parartocarpus* sp., 9♂3♀, unidentified log

16. *Platypus biuncus* BLANDFORD

Various shipment localities; 47♂11♀, *Gluta* or *Melanorroeia* sp., 31♂6♀, *Mangifera* sp., 3♂1♀, *Parishia* sp., 1♂, *Agathis* sp., 1♂, *Durio* sp., 8♂, *Canarium* sp., 2♂, *Octomeles sumatrana*, 5♂, *Anisoptera* sp., 102♂18♀, *Dipterocarpus* sp., 19♂1♀, *Dryobalanops* sp., 16♂, *Shorea* sp., 5♂, *Homalium* sp., 3♂, *Calophyllum* sp., 1♂, *Cratogeomys arborescens*, 1♂, Lauraceae sp., 1♂, *Acacia* sp., 3♂, *Albizia* sp., 3♂3♀, *Koompassia malaccensis*, 2♂, *K. excelsa*, 4♂1♀, *Sindora* sp., 1♂, *Dactylocladus stenostachys*, 1♂, *Sandricum* sp., 2♂, *Artocarpus* sp., 1♂, *Parartocarpus* sp., 1♂, *Eucalyptus deglupta*, 1♂, *Eugenia* sp., 2♂, *Xanthophyllum* sp., 4♂, *Combretocarpus* sp., 9♂2♀, *Parinari* sp., 2♂, *Palaquium* sp., 3♂, Sapotaceae sp., 5♂, *Irvingia malayana*, 21♂2♀, *Scaphium* sp., 17♂2♀, *Tarrietia* sp.

17. *Platypus borneensis* BROWNE

Lawas; 2♂, unidentified log

18. *Platypus candezei* CHAPUIS

Kuala Madai; 7♂1♀, *Agathis* sp.

19. *Platypus cavus* STROHMEYER

Various shipment localities; 2♂, *Gluta* or *Melanorroe*a sp., 14♂3♀, *Mangifera* sp., 3♂, *Parishia* sp., 2♂, Annonaceae sp., 23♂6♀, *Dyera* sp., 1♂, *Agathis* sp., 2♂, *Durio* sp., 3♂1♀, *Canarium* sp., 13♂5♀, *Kokoona* sp., 4♂1♀, *Lophopetalum* sp., 5♂1♀, *Octomeles sumatrana*, 41♂6♀, *Anisoptera* sp., 46♂10♀, *Dipterocarpus* sp., 2♂, *Dryobalanops* sp., 25♂4♀, *Shorea* sp., 1♂, *Hydnocarpus* sp., 10♂1♀, *Gonystylus* sp., 3♂, Lauraceae sp., 26♂3♀, *Intsia* sp., 7♂, *Koompassia malaccensis*, 2♂, *Pseudosindora* sp., 53♂9♀, *Sindora* sp., 1♂, *Michelia* sp., 4♂, *Antiaris* sp., 3♂, Myristicaceae sp., 2♂, *Parinari* sp., 2♂, *Palaquium* sp., 1♂, Sapotaceae sp., 5♂, *Ailanthus integrifolia*, 4♂1♀, *Pterygota horsfieldii*, 6♂1♀, *Scaphium* sp., 4♂, *Tarrietia* sp., 3♂, *Tetramerista glabra*

20. *Platypus cupulatus* CHAPUIS

Various shipment localities; 14♂2♀, *Gluta* or *Melanorroe*a sp., 16♂8♀, *Mangifera* sp., 5♂1♀, *Parishia* sp., 1♂, Annonaceae sp., 7♂, *Alstonia* sp., 5♂1♀, *Dyera* sp., 16♂2♀, *Agathis* sp., 3♂2♀, *Durio* sp., 18♂10♀, *Canarium* sp., 3♂2♀, *Kokoona* sp., 32♂2♀, *Lophopetalum* sp., 11♂1♀, *Octomeles sumatrana*, 7♂1♀, *Anisoptera* sp., 31♂6♀, *Dipterocarpus* sp., 10♂, *Dryobalanops* sp., 60♂10♀, *Shorea* sp., 1♂, *Vatica* sp., 2♂, *Gonystylus* sp., 1♂1♀, *Calophyllum* sp., 1♂, *Kayea* sp., 1♂, Lauraceae sp., 3♂1♀, *Albizia* sp., 1♂, *Dialium* sp., 16♂6♀, *Koompassia malaccensis*, 4♂, *K. excelsa*, 2♂, *Pseudosindora* sp., 7♂, *Sindora* sp., 2♂5♀, *Michelia* sp., 3♂, *Dactylocladus stenostachys*, 1♂, *Chisocheton* sp., 5♂, *Sandricum* sp., 1♂, *Artocarpus* sp., 5♂1♀, *Parartocarpus* sp., 1♂, Myristicaceae sp., 1♂, *Eucalyptus deglupta*, 6♂6♀, *Parinari* sp., 2♂1♀, *Combretocarpus* sp., 4♂1♀, *Neonauclea* sp., 1♂, *Ganophyllum falcatum*, 1♂, *Palaquium* sp., 9♂1♀, Sapotaceae sp., 6♂1♀, *Ailanthus integrifolia*, 1♂, *Pterygota horsfieldii*, 51♂4♀, *Scaphium* sp., 3♂, *Tarrietia* sp.

21. *Platypus curtus* CHAPUIS

Various shipment localities; 1♂, *Gluta* or *Melanorroe*a sp., 2♂1♀, *Mangifera* sp., 7♂3♀, *Agathis* sp., 1♂, *Dyera* sp., 1♂, *Canarium* sp., 2♂2♀, *Octomeles sumatrana*, 366♂235♀, *Anisoptera* sp., 4,700♂3,386♀, *Dipterocarpus* sp., 181♂73♀, *Dryobalanops* sp., 2♂1♀, *Hopea* sp., 1,247♂731♀, *Shorea* sp., 141♂154♀, *Vatica* sp., 8♂1♀, *Upuna borneensi* 3♂, *Koompassia malaccensis*, 1♂, *Sindora* sp., 8♂, Sapotaceae sp., 1♂, *Scaphium* sp., 3♂1♀, *Tarrietia* sp.

22. *Platypus deflectus* SCHEDL

Sindomin; 1♂, *Canarium* sp.

23. *Platypus dipterocarpi* BROWNE

Tatau; 3♂3♀, *Dipterocarpus* sp.

24. *Platypus dryobalanopsis* BROWNE

Kudat, Jambongan, Tambisan, Tawau, Weston, Bintulu, Lawas, Tatau, Tg. Baram, Tg. Mani; 3♂1♀, *Dipterocarpus* sp., 111♂56♀, *Dryobalanops* sp., 2♂1♀, *Shorea* sp.

25. *Platypus duriovorus* BROWNE

Sindomin, Bintulu, Tatau; 16♂3♀, *Durio* sp.

26. *Platypus dyerae* BROWNE

Jambongan, Sandakan ; 2♂, *Dyera* sp.

27. *Platypus emarginatulus* BROWNE

Kimanis, Kudat, Tawau, Bintulu, Suai, Tatau, Tg. Baram, Tg. Mani ; 2♂, *Anisoptera* sp., 6♂2♀, *Dipterocarpus* sp., 17♂11♀, *Dryobalanops* sp., 36♂3♀, *Shorea* sp.

28. *Platypus franciai* BROWNE

Kudat ; 2♂3♀, *Vatica* sp.

29. *Platypus gotoi* BROWNE

Kuala Semanok, Tg. Baram ; 1♂, *Anisoptera* sp., 2♂1♀, *Shorea* sp.

30. *Platypus hirtellus* SCHEDL

Kimanis, Bintulu, Suai ; 4♂1♀, *Palaquium* sp., 3♂1♀, Sapotaceae sp.

31. *Platypus histrix* SCHEDL

Sipitang, Bintulu ; 2♂1♀, *Mangifera* sp., 3♂1♀, *Canarium* sp.

32. *Platypus latidens* BROWNE

Tg. Mani ; 2♂2♀, unidentified log

33. *Platypus lophopetali* BROWNE

Niah, Suai ; 2♂2♀, *Lophopetalum* sp.

34. *Platypus loricatus* SAMPSON

Banggi, Kimanis, Kudat, Bintulu ; 1♂, *Anisoptera* sp., 2♂, *Octomeles sumatrana*, 1♂, *Parartocarpus* sp.

35. *Platypus lunatipennis* SCHEDL

Kimanis ; 5♂4♀, *Shorea* sp.

36. *Platypus lunifer* SCHEDL

Various shipment localities ; 1♂, *Mangifera* sp., 1♂, *Agathis* sp., 1♂, *Alstonia* sp., 4♂, *Durio* sp., 2♂, *Canarium* sp., 1♂1♀, *Kokoona* sp., 15♂3♀, *Lophopetalum* sp., 3♂, *Octomeles sumatrana*, 9♂, *Anisoptera* sp., 1♂, *Dipterocarpus* sp., 12♂5♀, *Shorea* sp., 3♂, *Gonystylus* sp., 1♂, *Albizia* sp., 1♂, *Chisocheton* sp., 1♂, *Artocarpus* sp., 1♂, *Parartocarpus* sp., 1♂1♀, *Palaquium* sp., 2♂, *Pterocymbium* ? *beccarii*, 1♂, *Pterygota horsfieldii*, 2♂, *Scaphium* sp., 1♂, *Tarrietia* sp.

37. *Platypus maniensis* BROWNE

Tg. Mani ; 3♂1♀, unidentified log

38. *Platypus obscurus* SCHEDL

Bintulu, Tg. Mani ; 1♂1♀, *Gonystylus* sp., 1♂, *Dactylocladus stenostachys*

39. *Platypus octospinosus* BROWNE

Kimanis, Kudat ; 100♂102♀, *Vatica* sp.

40. *Platypus ohnoi* BROWNE

Tg. Baram ; 1♂, unidentified log

41. *Platypus omega* SCHEDL

Bintulu ; 1♂, *Shorea* sp.

42. *Platypus ovatus* STROHMEYER

Various shipment localities ; 8♂1♀, *Buchanania* sp., 196♂74♀, *Gluta* or *Malanorroea* sp., 69♂29♀, *Mangifera* sp., 15♂2♀, *Parishia* sp., 4♂2♀, *Durio* sp., 6♂2♀, *Canarium* sp., 12♂10♀, *Anisoptera* sp., 21♂15♀, *Dipterocarpus* sp., 2♂2♀, *Shorea* sp., 1♂, *Vatica* sp., 2♂1♀, *Calophyllum* sp., 5♂4♀, *Pseudosindora* sp., 3♂, *Artocarpus* sp., 10♂1♀, *Combretocar-*

pus sp., 1♂1♀, Myristicaceae sp., 3♂, *Eugenia* sp., 1♂, Sapotaceae sp., 1♂, *Pentace* sp.

43. *Platypus pallidus* CHAPUIS

Bintulu, Suai, Tg. Mani; 49♂17♀, *Gluta* or *Melanorroe*a sp., 63♂7♀, *Mangifera* sp., 88♂15♀, *Parishia* sp., 2♂1♀, *Pseudosindora* sp., 8♂5♀, *Artocarpus* sp., 5♂1♀, *Combretocarpus* sp., 4♂, *Palaquium* sp.

44. *Platypus parallelus* (FABRICIUS)

Various shipment localities; 3♂1♀, *Gluta* or *Melanorroe*a sp., 9♂4♀, *Mangifera* sp., 14♂1♀, *Parishia* sp., 23♂4♀, *Alstonia* sp., 60♂13♀, *Dyera* sp., 14♂3♀, *Agathis* sp., 16♂1♀, *Durio* sp., 7♂1♀, *Canarium* sp., 9♂1♀, *Terminalia* sp., 7♂, *Octomeles sumatrana*, 1♂, *Dillenia* sp., 69♂3♀, *Anisoptera* sp., 320♂52♀, *Dipterocarpus* sp., 33♂5♀, *Dryobalanops* sp., 619♂82♀, *Shorea* sp., 1♂, *Vatica* sp., 2♂, *Sapium* sp., 5♂1♀, *Albizia* sp., 139♂34♀, *Intsia* sp., 7♂2♀, *Koompassia malaccensis*, 6♂, *K. excelsa*, 20♂3♀, *Pterocarpus* sp., 99♂30♀, *Sindora* sp., 1♂, *Michelia* sp., 1♂, *Amoora* ? *cucullata*, 4♂, *Chisocheton* sp., 1♂, *Toona* ? *sureni*, 1♂, *Artocarpus* sp., 4♂1♀, Myristicaceae sp., 16♂3♀, *Eucalyptus deglupta*, 2♂1♀, *Eugenia* sp., 50♂9♀, Sapotaceae sp., 1♂, *Pterocymbium* ? *beccarii*, 19♂1♀, *Pterygota horsfieldii*, 2♂, *Scaphium* sp., 1♂, *Sterculia* sp., 9♂1♀, *Tarrietia* sp., 15♂, *Gmelina arborea*

45. *Platypus perbrevis* BROWNE

Tg. Mani; 16♂1♀, *Gluta* or *Melanorroe*a sp., 3♂, *Mangifera* sp., 4♂, *Parinari* sp.

46. *Platypus pseudocupulatus* SCHEDL

Various shipment localities; 2♂2♀, *Buchanania* sp., 3♂, *Dracontomelon puberulum*, 88♂15♀, *Gluta* or *Melanorroe*a sp., 290♂61♀, *Mangifera* sp., *Parishia* sp., 2♂, *Spondias* sp., 27♂6♀, Annonaceae sp., 27♂4♀, *Alstonia* sp., 99♂10♀, *Dyera* sp., 71♂10♀, *Agathis* sp., 103♂32♀, *Durio* sp., 208♂33♀, *Canarium* sp., 28♂5♀, *Kokoona* sp., 69♂8♀, *Lophopetalum* sp., 4♂, *Terminalia* sp., 193♂33♀, *Octomeles sumatrana*, 232♂50♀, *Anisoptera* sp., 994♂141♀, *Dipterocarpus* sp., 112♂18♀, *Dryobalanops* sp., 15♂3♀, *Hopea* sp., 759♂95♀, *Shorea* sp., 13♂, *Vatica* sp., 1♂, *Drypetes* sp., 5♂, *Endospermum* ? *medullosum*, 1♂, *Quercus omalokos*, 2♂, Fagaceae sp., 4♂, *Hydnocarpus* sp., 13♂2♀, *Trichadenia philippinensis*, 18♂, *Gonystylus* sp., 7♂1♀, *Calophyllum* sp., 2♂1♀, Lauraceae sp., 8♂, *Albizia* sp., 28♂4♀, *Dialium* sp., 69♂16♀, *Intsia* sp., 330♂52♀, *Koompassia malaccensis*, 58♂10♀, *K. excelsa*, 22♂1♀, *Pseudosindora* sp., 260♂48♀, *Sindora* sp., 9♂, *Michelia* sp., 27♂1♀, *Dactylocladus stenostachys*, 44♂11♀, *Amoora* ? *cucullata*, 1♂, *Azadirachta excelsa*, 1♂, *Chisocheton* sp., 9♂, *Sandricum* sp., 14♂2♀, *Antiaris* sp., 8♂1♀, *Artocarpus* sp., 47♂4♀, *Parartocarpus* sp., 56♂6♀, Myristicaceae sp., 1♂, *Eugenia* sp., 7♂1♀, *Podocarpus* sp., 6♂1♀, *Xanthophyllum* sp., 4♂, *Combretocarpus* sp., 8♂1♀, *Parinari* sp., 8♂3♀, *Neonauclea* sp., 1♂1♀, *Ganophyllum falcatum*, 4♂, *Pometia* sp., 2♂, *Palaquium* sp., 45♂8♀, Sapotaceae sp., 42♂6♀, *Ailanthus integrifolia*, 68♂16♀, *Irvingia malayana*, 4♂, *Duabanga moluccana*, 2♂1♀, *Pterocymbium* ? *beccarii*, 1♂, *Pterospermum* sp., 30♂7♀, *Pterygota horsfieldii*, 76♂14♀, *Scaphium* sp., 1♂, *Sterculia* sp., 7♂1♀, *Tarrietia* sp., 29♂6♀, *Tetramerista glabra*, 15♂2♀, *Pentace* sp.

47. *Platypus pseudocurtus* SCHEDL

Various shipment localities; 5♂2♀, *Anisoptera* sp., 805♂416♀, *Dipterocarpus* sp., 2♂1♀, *Dryobalanops* sp., 3♂2♀, *Shorea* sp., 1♂, Sapotaceae sp.

48. *Platypus puerulus* SCHEDL

Sematan; 2♂, *Hopea* sp.

49. *Platypus pumilus* BROWNE

Kimanis, Kudat; 3♂, *Anisoptera* sp., 2♂, *Dipterocarpus* sp., 20♂, *Vatica* sp.

50. *Platypus quadrifissilis* SCHEDL

Marudu Bay, Sandakan, Wallace Bay, Bintulu, Lawas, Suai, Tg. Mani; 3♂, *Dipterocarpus* sp., 1♂1♀, *Dryobalanops* sp., 1♂, *Shorea* sp., 11♂, *Homalium* sp., 13♂10♀, *Hydnocarpus* sp., 1♂, Lauraceae sp., 3♂, *Artocarpus* sp., 1♂, *Xanthophyllum* sp., 14♂2♀, *Parinari* sp., 7♂1♀, *Scaphium* sp.

51. *Platypus sandakanensis* BROWNE

Tawau, Tg. Mani; 7♂2♀, *Anisoptera* sp., 1♂, *Shorea* sp.

52. *Platypus shoreanus bifurcus* SCHEDL

Various shipment localities; 10♂1♀, *Anisoptera* sp., 147♂21♀, *Dipterocarpus* sp., 144♂8♀, *Dryobalanops* sp., 243♂25♀, *Shorea* sp.

Platypus shoreanus mutilus SCHEDL

Various shipment localities; 11♂1♀, *Gluta* or *Malanorroe* sp. 7♂, *Mangifera* sp., 1♂, *Parishia* sp., 21♂6♀, *Agathis* sp., 3♂, *Dyera* sp., 11♂2♀, *Canarium* sp., 3♂, *Terminalia* sp., 259♂89♀, *Anisoptera* sp., 2,289♂501♀, *Dipterocarpus* sp., 307♂42♀, *Dryobalanops* sp., 35♂6♀, *Hopea* sp., 1,805♂317♀, *Shorea* sp., 70♂9♀, *Vatica* sp., 3♂, *Cratogeomys arborescens*, 1♂, *Pseudosindora* sp., 19♂1♀, *Sindora* sp., 1♂, Myristicaceae sp., 2♂, *Mastixiodendron* sp., 11♂1♀, Sapotaceae sp., 2♂, *Duabanga moluccana*

53. *Platypus signatus* CHAPUIS

Kudat; 4♂2♀, *Lophopetalum* sp., 3♂, *Octomeles sumatrana*

54. *Platypus solidulus* BROWNE

Various shipment localities; 149♂34♀, *Dipterocarpus* sp., 1♂, *Shorea* sp.

55. *Platypus solidus* WALKER

Various shipment localities; 1♂, *Campnosperma* sp., 2♂, *Gluta* or *Melanorroe* sp., 10♂2♀, *Mangifera* sp., 9♂7♀, *Parishia* sp., 1♂, *Alstonia* sp., 1♂, *Dyera* sp., 8♂1♀, *Agathis* sp., 5♂9♀, *Durio* sp., 15♂18♀, *Canarium* sp., 2♂, *Lophopetalum* sp., 2♂, *Terminalia* sp., 2♂1♀, *Octomeles sumatrana*, 4♂3♀, *Anisoptera* sp., 86♂42♀, *Dipterocarpus* sp., 3♂1♀, *Dryobalanops* sp., 7♂3♀, *Hopea* sp., 34♂10♀, *Shorea* sp., 1♂, *Drypetes* sp., 2♂, *Quercus omalokos*, 1♂, *Gonystylus* sp., 1♂, Lauraceae sp., 1♂, *Intsia* sp., 2♂1♀, *Koompassia malaccensis*, 1♂, *K. excelsa*, 1♂, *Pseudosindora* sp., 6♂, *Sindora* sp., 1♂, *Sandricum* sp., 1♂, *Toona? sureni*, 2♂, Myristicaceae sp., 3♂4♀, *Eugenia* sp., 1♂, *Xanthophyllum* sp., 2♂3♀, *Parinari* sp., 2♂1♀, *Pometia* sp., 7♂5♀, Sapotaceae sp., 1♂, *Irvingia malayana*, 1♂2♀, *Pterygota horsfieldii*, 2♂, *Scaphium* sp., 3♂, *Tarrietia* sp.

56. *Platypus spinosus* BROWNE

Bintulu; 1♂1♀, *Dipterocarpus* sp.

57. *Platypus subdepressus* SCHEDL

Banggi, Kudat, Madai, Tawau, Bintulu, Sejingkat, Suai, Tg. Baram, Tg. Mani; 19♂7♀, *Mangifera* sp., 4♂, *Ganarium* sp., 19♂4♀, *Kokoona* sp., 5♂3♀, *Octomeles sumatrana*, 1♂1♀, *Anisoptera* sp., 1♂1♀, *Dryobalanops* sp., 6♂2♀, *Shorea* sp., 8♂1♀, *Homalium* sp., 2♂, *Gonystylus* sp., 1♂, *Albizia* sp., 6♂, *Intsia* sp., 6♂4♀, *Koompassia malaccensis*, 1♂, *Azadirachta excelsa*, 1♂1♀, *Sandricum* sp., 1♂, *Artocarpus* sp., 1♂, Myristicaceae sp., 24♂

7 ♀, *Scaphium* sp.

58. *Platypus subgranulosus* BROWNE

Lawas : 2 ♂ 1 ♀, unidentified log

59. *Platypus suffodiens* SAMPSON

Sandakan, Bintulu, Lawas, Jambongan, Niah, Suai, Tatau, Tg. Baram, Tg. Salirong ; 1 ♂ 1 ♀, Annonaceae sp., 6 ♂ 2 ♀, *Dyera* sp., 1 ♂, *Anisoptera* sp., 1 ♂, *Dipterocarpus* sp., 3 ♂ 1 ♀, *Shorea* sp.

60. *Platypus suzukii* BROWNE

Kimanis, Bintulu, Lawas, Suai, Tatau, Tg. Mani ; 30 ♂ 6 ♀, *Shorea* sp., 2 ♂, *Gonystylus* sp., 5 ♂ 1 ♀, *Sandricum* sp., 1 ♂, Myristicaceae sp., 40 ♂ 16 ♀, *Xanthophyllum* sp.

61. *Platypus terebrans* SCHEDL

Kudat, Sandakan, Bintulu, Kuala Semanok ; 1 ♂, *Anisoptera* sp., 5 ♂, *Shorea* sp., 2 ♂, *Octomeles sumatrana*, 3 ♂ 1 ♀, *Scaphium* sp.

62. *Platypus transformis* SCHEDL

Various shipment localities ; 1 ♂, *Dyera* sp., 57 ♂ 1 ♀, *Dipterocarpus* sp., 11 ♂, *Dryobalanops* sp., 44 ♂, *Shorea* sp.

63. *Platypus truncaturus* BROWNE

Suai, Tatau ; 10 ♂ 2 ♀, *Pentace* sp.

64. *Platypus uncatus* BROWNE

Various shipment localities ; 27 ♂ 3 ♀, *Gluta* or *Melanorrhoea* sp., 36 ♂ 3 ♀, *Mangifera* sp., 8 ♂, *Parishia* sp., 3 ♂, Annonaceae sp., 2 ♂, *Alstonia* sp., 1 ♂, *Dyera* sp., 19 ♂ 3 ♀, *Agathis* sp., 15 ♂ 1 ♀, *Durio* sp., 30 ♂ 5 ♀, *Canarium* sp., 1 ♂, *Terminalia* sp., 1 ♂, *Octomeles sumatrana*, 16 ♂ 1 ♀, *Anisoptera* sp., 159 ♂ 23 ♀, *Dipterocarpus* sp., 13 ♂ 1 ♀, *Dryobalanops* sp., 39 ♂ 2 ♀, *Shorea* sp., 1 ♂ 2 ♀, *Vatica* sp., 1 ♂, *Drypetes* sp., 1 ♂, *Quercus omalokos*, 1 ♂, *Quercus* sp., 2 ♂, *Acacia* sp., 2 ♂ 1 ♀, *Albizia* sp., 2 ♂, *Intsia* sp., 149 ♂ 17 ♀, *Koompassia malaccensis*, 18 ♂, *K. excelsa*, 4 ♂, *Pseudosindora* sp., 17 ♂ 8 ♀, *Sindora* sp., 1 ♂, *Dactylocladus stenostachys*, 1 ♂, *Antiaris* sp., 1 ♂, *Artocarpus* sp., 1 ♂, Myristicaceae sp., 1 ♂, *Xanthophyllum* sp., 1 ♂, *Maranthes* sp., 3 ♂, *Parinari* sp., 1 ♂, *Combretocarpus* sp., 12 ♂, *Palaquium* sp., 11 ♂, Sapotaceae sp., 17 ♂ 3 ♀, *Irvingia malayana*, 8 ♂, *Scaphium* sp., 39 ♂ 5 ♀, *Tarrietia* sp., 1 ♂, *Tetramerista glabra*, 7 ♂ 9 ♀, *Pentace* sp.

65. *Platypus uncinatus* BLANDFORD

Kimanis, Marudu Bay, Sandakan, Bintulu, Lawas, Mukah, Sematan, Suai, Tg. Baram, Tg. Mani ; 2 ♂, *Canarium* sp., 37 ♂ 2 ♀, *Dipterocarpus* sp., 5 ♂, *Dryobalanops* sp., 12 ♂ 3 ♀, *Shorea* sp., 6 ♂ 1 ♀, *Homalium* sp., 1 ♂, Sapotaceae sp.

66. *Platypus vagus* BROWNE

Bintulu, Tg. Mani ; 1 ♂, *Cratoxylum arborescens*, 3 ♂ 1 ♀, Myristicaceae sp.

67. *Platypus vetulus* SCHEDL

Kimanis, Sindomin, Bintulu, Suai, Tg. Mani ; 3 ♂, *Canarium* sp., 7 ♂, *Shorea* sp., 2 ♂, *Parartocarpus* sp., 3 ♂ 1 ♀, Sapotaceae sp.

68. *Platypus westwoodi* CHAPUIS

Various shipment localities ; 2 ♂, *Gluta* or *Melanorrhoea* sp., 1 ♂, *Parishia* sp., 1 ♂ 2 ♀, Annonaceae sp., 11 ♂ 1 ♀, *Dyera* sp., 1 ♂, *Durio* sp., 9 ♂, *Canarium* sp., 2 ♂, *Lophopetalum* sp., 1 ♂, *Terminalia* sp., 25 ♂ 1 ♀, *Octomeles sumatrana*, 2 ♂ 2 ♀, *Dillenia* sp., 17 ♂ 4 ♀, *Anisoptera*

sp., 17♂2♀, *Dipterocarpus* sp., 1♂, *Dryobalanops* sp., 3♂, *Hopea* sp., 35♂10♀, *Shorea* sp., 1♂, *Vatica* sp., 2♂, *Endospermum* ? *medullosum*, 3♂3♀, *Gonystylus* sp., 3♂, Lauraceae sp., 1♂, *Albizia* sp., 1♂7♀, *Intsia* sp., 2♂, *Antiaris* sp., 1♂, *Artocarpus* sp., 7♂, *Parartocarpus* sp., 1♂2♀, Myristicaceae sp., 1♂, *Combretocarpus* sp., 9♂1♀, Sapotaceae sp., 2♂, *Ailanthus integrifolia*, 2♂, *Pterocymbium* ? *beccari*, 4♂, *Pterygota horsfieldii*, 12♂3♀, *Scaphium* sp.

69. *Spathidicerus thomsoni* CHAPUIS

Kudat, Madai ; 1 ex., *Octomeles sumatrana*, 3 exs., *Scaphium* sp.

70. *Diapus borneensis* BROWNE

Kimanis, Kudat, Tawau, Bintulu, Tatau, Tg. Mani ; 1♂1♀, *Anisoptera* sp., 5♂, *Dipterocarpus* sp., 1♂1♀, *Dryobalanops* sp., 24♂17♀, *Shorea* sp., 1♂, Sapotaceae sp.

71. *Diapus minor* SCHEDL

Bintulu ; 2♂2♀, *Dryobalanops* sp.

72. *Diapus minutissimus* SCHEDL

Kimanis, Kudat, Tambisan, Weston, Bintulu, Sejingskat, Tatau, Tg. Baram, Tg. Mani ; 17♂3♀, *Dipterocarpus* sp., 124♂34♀, *Dryobalanops* sp., 8♂4♀, *Shorea* sp., 2♂, *Vatica* sp., 1♂, *Calophyllum* sp.

73. *Diapus pendleburyi* SCHEDL

Various shipment localities ; 1♂, *Anisoptera* sp., 1,903♂676♀, *Dipterocarpus* sp., 69♂20♀, *Dryobalanops* sp., 15♂1♀, *Shorea* sp.

74. *Diapus pusillimus* CHAPUIS

Various shipment localities ; 1♂, *Buchanania* sp., 3♂, *Gluta* or *Melanorrhoea* sp., 18♂5♀, *Mangifera* sp., 1♂, *Parishia* sp., 5♂, Annonaceae sp., 3♂, *Alstonia* sp., 3♂1♀, *Dyera* sp., 1♂1♀, *Terminalia* sp., 3♂, *Schizomeria* sp., 3♂2♀, *Dillenia* sp., 32♂15♀, *Anisoptera* sp., 194♂43♀, *Dipterocarpus* sp., 153♂41♂, *Dryobalanops* sp., 93♂36♀, *Shorea* sp., 3♂, *Vatica* sp., 3♂3♀, *Calophyllum* sp., 1♂, *Cratogeomys arborescens*, 1♂1♀, *Kayea* sp., 1♂, Lauraceae sp., 1♂, *Albizia* sp., 2♂, *Koompassia malaccensis*, 2♂, *K. excelsa*, 2♂, *Pseudosindora* sp., 6♂2♀, *Sindora* sp., 13♂, *Dactylocladus stenostachys*, 1♂, *Artocarpus* sp., 1♂, *Parartocarpus* sp., 1♂2♀, Myristicaceae sp., 1♂, *Xanthophyllum* sp., 4♂, *Combretocarpus* sp., 1♂1♀, *Mastixiodendron* sp., 1♂, *Pometia* sp., 3♂, *Palaquium* sp., 5♂1♀, Sapotaceae sp., 2♂2♀, *Ailanthus integrifolia*, 1♂1♀, *Scaphium* sp., 7♂, *Tarrietia* sp.

75. *Diapus quinquespinatus* CHAPUIS

Various shipment localities ; 1♂, *Buchanania* sp., 3♂, *Campnosperma* sp., 12♂, *Gluta* or *Melanorrhoea* sp., 10♂1♀, *Mangifera* sp., 47♂5♀, *Parishia* sp., 1♂1♀, Annonaceae sp., 6♂, *Alstonia* sp., 13♂, *Dyera* sp., 59♂9♀, *Agathis* sp., 4♂, *Durio* sp., 19♂3♀, *Canarium* sp., 4♂4♀, *Terminalia* sp., 1♂, *Dillenia* sp., 137♂13♀, *Anisoptera* sp., 2,718♂255♂, *Dipterocarpus* sp., 374♂41♀, *Dryobalanops* sp., 7♂12♀, *Hopea* sp., 408♂48♀, *Shorea* sp., 10♂1♀, *Vatica* sp., 1♂, *Upuna borneensis*, 1♂, *Gonystylus* sp., 3♂, *Calophyllum* sp., 1♂1♀, Lauraceae sp., 1♂, *Planchonia* sp., 3♂, *Koompassia malaccensis*, 1♂, *K. excelsa*, 18♂1♀, *Pseudosindora* sp., 37♂3♀, *Sindora* sp., 133♂6♀, *Dactylocladus stenostachys*, 2♂, *Sandricum* sp., 4♂1♀, *Combretocarpus* sp., 1♂, *Parinari* sp., 12♂2♀, Sapotaceae sp., 10♂2♀, *Scaphium* sp., 32♂4♀, *Tarrietia* sp., 2♂, *Pentace* sp.

76. *Diapus spinatus* BROWNE

Various shipment localities ; 1♂, *Dyera* sp., 1♂1♀, *Anisoptera* sp., 2,033♂801♀,

Dipterocarpus sp., 181♂63♂, *Dryobalanops* sp., 7♂8♀, *Shorea* sp., 1♂, *Tarrietia* sp.

77. *Genyocerus abdominalis* (SCHEDL)

Various shipment localities ; 6♂2♀, *Gluta* or *Melanorrhoea* sp., 5♂1♀, *Mangifera* sp., 3♂2♀, *Durio* sp., 321♂117♀, *Anisoptera* sp., 4,342♂1,840♀, *Dipterocarpus* sp., 823♂397♀, *Dryobalanops* sp., 10♂2♀, *Hopea* sp., 1,301♂507♀, *Shorea* sp., 138♂50♀, *Vatica* sp., 1♂, *Upuna borneensis*, 3♂, *Palaquium* sp., 2♂, Sapotaceae sp., 1♂, *Pterocymbium* ? *beccarii*

78. *Genyocerus biporus* (SCHEDL)

Various shipment localities ; 10♂3♀, *Anisoptera* sp., 36♂11♀, *Dipterocarpus* sp., 15♂22♀, *Dryobalanops* sp., 123♂97♀, *Shorea* sp.

79. *Genyocerus compactus* (SCHEDL)

Kimanis, Kudat, Sandakan, Tawau, Bintulu, Suai, Tatau ; 22♂3♀, *Dryobalanops* sp., 76♂43♀, *Shorea* sp.

80. *Genyocerus exilis* (SCHEDL)

Various shipment localities ; 5♂4♀, *Anisoptera* sp., 150♂31♀, *Dipterocarpus* sp., 149♂56♀, *Dryobalanops* sp., 89♂28♀, *Shorea* sp., 48♂16♀, *Vatica* sp., 2♂, *Upuna borneensis*

81. *Genyocerus furtivus* (SAMPSON)

Kimanis, Bintulu ; 4♂1♀, *Anisoptera* sp., 6♂2♀, *Shorea* sp.

82. *Genyocerus quadrioveolatus* (SCHEDL)

Kimanis, Sandakan, Tambisan, Tawau, Wallace Bay ; 2♂, *Dipterocarpus* sp., 13♂4♀, *Dryobalanops* sp., 38♂12♀, *Shorea* sp.

83. *Platytarsulus biconicus* SCHEDL

Jambongan, Tambisan, Tawau, Bintulu, Lawas ; 9♂16♀, *Dryobalanops* sp., 1♂1♀, *Shorea* sp.

84. *Platytarsulus declivis* SCHEDL

Tg. Mani ; 2 exs., *Dryobalanops* sp.

85. *Platytarsulus elongatus* SCHEDL

Various shipment localities ; 4♂7♀, *Anisoptera* sp., 4♂6♀, *Dipterocarpus* sp., 5♂4♀, *Dryobalanops* sp., 3♂1♀, *Shorea* sp., 1♂, *Vatica* sp.

86. *Platytarsulus tuberculatus* BROWNE

Bintulu, Tatau ; 2 exs., unidentified log

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