

The Scolytidae and Platypodidae (Coleoptera) from Solomon Islands, found in logs at Nagoya port, I

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Abstract : A total of 62 scolytid species from Solomon Is. were found in logs at Nagoya port in this work. Details of the host record for the present collection are given.

Introduction

The fauna of the Scolytidae and Platypodidae of the Solomon Islands is one of the least known in the New Guinea areas and Pacific Islands.

These reports, part I and part II, are virtually arranged on a result of inspection of tropical logs, which are host plants of the beetles belonging to the Scolytidae and Platypodidae, imported to the Nagoya port from the Solomon Islands.

The results of this examination are divided into two parts, Scolytidae and Platypodidae, of which family Scolytidae is described in this paper.

More than 26,800 specimens were collected from these Islands including 62 species 17 genera of Scolytidae collected by plant inspectors of Seibu Sub-Branch from April 1982 to March 1987.

In the following list of collected species details of the host records for the present collection are given, and also details of locality records of shipment are designated.

Family Scolytidae

1. *Dactylipalpus transversus* CHAPUIS
Aola, Lever Harbour, Waimamura¹⁾; 1 ex.,
Amoora? cucullata, 1 ex., *Eugenia* sp., 1 ex., *Pometia*

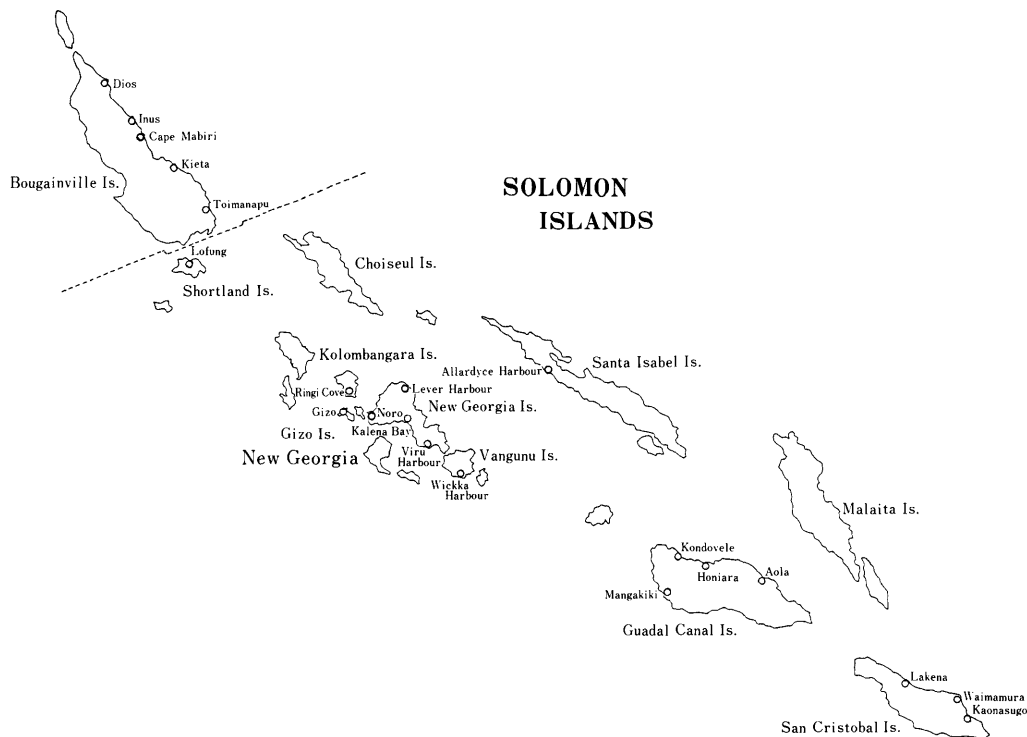
*pinnata*²⁾

2. *Hylesinus despectus* WALKER
Dios; 36 exs., *Ficus* sp.
3. *Hylesinus porcatus* CHAPUIS
Dios, Kaonasugo, Lever Harbour, Waimamura ;
9 exs., *Artocarpus* sp., 96 exs., *Ficus* sp.
4. *Phloeosinus latus* EGGERS
Lever Harbour : 7 ♂ 3 ♀, Myristicaceae sp.
5. *Phloeosinus solomonicus* BROWNE
Lever Harbour, Viru Harbour ; 147 exs., Myristicaceae sp.
6. *Diameraus interstitialis* (LEA)
Dios; 3 exs., *Ficus* sp.
7. *Scolytomimus pusillus* (EGGERS)
Aola, Dios, Lever Harbour, Mangakiki; 29
exs., *Palaquium* sp., 38 exs., *Planchonella* sp.
8. *Margadillius loronthus* BROWNE
Dios; 13 exs., *Ficus* sp.
9. *Margadillius terminaliae* BROWNE
Viru Harbour; 12 exs., *Terminalia* sp.
10. *Cryphalus dilutus* EICHHOFF
Dios, San Cristobal Is. ; 42 exs., *Pterocarpus* sp.,
42 exs., *Ficus* sp.
11. *Cryphalus discretus* EICHHOFF
Kaonasugo, Lakena, Lever Harbour, Mangakiki ;
43 exs., *Canarium* sp.
12. *Cryphalus striatulus* BROWNE
Honiara, Lakena, Mangakiki, Viru Harbour ;
15 exs., *Canarium* sp.
13. *Cryphalus terminaliae* BROWNE
Dios, Kaonasugo, Viru Harbour; 106 exs.,

1) Shipment locality.

2) Host record.

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Terminalia sp.

14. *Cryphalus wapleri* EICHHOFF
Dios, Lakena ; 35 exs., *Canarium* sp.
15. *Hypocryphalus fici* BROWNE
Dios ; 125 exs., *Ficus* sp.
16. *Hypothenemus eruditus* WESTWOOD
Lakena ; 1♂7♀, *Pterocarpus* sp.
17. *Cyrtogenius brevior* (EGGERS)
Various shipment localities ; 16♂15♀, *Parishia* sp., 102♂86♀, *Canarium* sp.
18. *Cyrtogenius orientalis* (EGGERS)
Dios, Lever Harbour, Ringi Cove, Viru Harbour ; 17♂20♀, *Canarium* sp., 31♂36♀, *Ficus* sp.
19. *Ozopemon angustae* EGGERS
Gizo, Lever Harbour, Viru Harbour ; 2♀, *Camptosperma* sp., 2♂45♀, *Schizomeria* sp., 3♀, *Parinari* sp.
20. *Ozopemon obanus* HAGEDORN
Dios ; 3♀, *Ficus* sp.
21. *Ozodendron parinari* BROWNE
Lever Harbour ; 57♂22♀, *Neoschortechinia* sp., 142♂59♀, *Parinari* sp.
22. *Poecilips nitidipennis* SCHEDL
Lever Harbour ; 12 exs., *Schizomeria* sp.
23. *Poecilips papuanus* (EGGERS)
Viru Harbour ; 1 ex., *Dillenia* sp.

24. *Poecilips vulgaris* (EGGERS)

Gizo, Lever Harbour ; 11 exs., *Camptosperma* sp., 54 exs., *Schizomeria* sp., 4 exs., *Parinari* sp.

25. *Arixyleborus subsimilis* SCHEDL

Various shipment localities ; 1♂8♀, *Dracontomelon puberulum*, 44♀, *Canarium* sp., 83♀, *Terminalia* sp., 4♀, *Dillenia* sp., 3♀, *Endospermum*? *medulosum*, 1♀, *Neoschortechinia* sp., 1♂13♀, *Calophyllum* sp., 2♀, *Eugenia* sp., 6♀, ? Rubiaceae sp., 2♂55♀, *Pometia pinnata*, 2♀, *Burckella* sp., 11♀, *Palaquium* sp., 2♀, *Planchonella* sp., 1♀, *Sloanea* sp., 4♀, *Celtis* sp.

26. *Xylosandrus difficilis* (EGGERS)

Lever Harbour, Viru Harbour ; 3♀, *Terminalia* sp., 15♀, *Calophyllum* sp., 1♀, *Parinari* sp.

27. *Xylosandrus morigerus* (BLANDFORD)

Viru Harbour ; 3♀, *Calophyllum* sp., 4♀, *Parinari* sp.

28. *Xyleborus affinis* EICHHOFF

Various shipment localities ; 10♀, *Camptosperma* sp., 1♂19♀, *Ilex* sp., 1♂51♀, *Canarium* sp., 3♂85♀, *Terminalia* sp., 64♀, *Schizomeria* sp., 1♂36♀, *Dillenia* sp., 3♀, *Endospermum*? *medulosum*, 9♂93♀, *Neoschortechinia* sp., 1♀, *Pimelodendron* sp., 13♀, *Gonystylus* sp., 3♂104♀, *Calophyllum* sp., 11♀, *Beilschmiedia* sp., 22♀, *Cryptocarya* sp., 1♂16♀,

Intsia sp., 1 ♀, *Amoora* ? *cucullata*, 1 ♂30 ♀, *Chiso-
cheton* sp., 1 ♀, *Dysoxylum* sp., 4 ♂85 ♀, *Artocarpus*
sp., 1 ♂9 ♀, *Ficus* sp., 9 ♀, *Eugenia* sp., 70 ♀, *Xantho-
phyllum* sp., 6 ♂129 ♀, *Parinari* sp., 25 ♀, *Nauclea* sp.,
89 ♀, *Neonauclea* sp., 2 ♀, *Euodia* sp., 1 ♂69 ♀,
Pometia pinnata, 9 ♀, *Burckella* sp., 56 ♀, *Palaquium*
sp., 1 ♀, *Planchonella* sp., 4 ♀, *Ailanthus integrifolia*,
5 ♀, *Pterygota horsfieldii*, 2 ♀, *Tarrietia* sp., 3 ♀,
Sloanea sp., 2 ♀, *Pentace* sp., 1 ♂43 ♀, *Celtis* sp., 2 ♀,
Gmelina sp., 2 ♂35 ♀, *Vitex* sp.

29. *Xyleborus agnatus* EGGERS

Various shipment localities; 37 ♀, *Campnosper-
ma* sp., 1 ♂11 ♀, *Canarium* sp., 1 ♂331 ♀, *Terminalia*
sp., 1 ♂62 ♀, *Schizomeria* sp., 2 ♂109 ♀, *Dillenia* sp., 5
♀, *Endospermum* ? *medullosum*, 1 ♀, *Trichadenia*
philippinensis, 13 ♀, *Gonystylus* sp., 31 ♂1065 ♀, *Calo-
phyllum* sp., 2 ♂70 ♀, *Planchonia papuana*, 1 ♀, *Alb-
izia* sp., 33 ♀, *Amoora* ? *cucullata*, 3 ♀, *Dysoxylum* sp.,
4 ♀, *Artocarpus* sp., 2 ♀, *Eugenia* sp., 2 ♀, *Xantho-
phyllum* sp., 10 ♀, *Parinari* sp., 1 ♀, *Neonauclea* sp., 1
♂49 ♀, *Pometia pinnata*, 19 ♀, *Palaquium* sp., 1 ♀,
Planchonella sp., 7 ♀, *Vitex* sp.

30. *Xyleborus bidentatus* (MOTSCHULSKY)

Kalena Bay, Lever Harbour, Ringi Cove, Viru
Harbour; 2 ♀, *Canarium* sp., 3 ♂13 ♀, *Terminalia*
sp., 3 ♀, *Schizomeria* sp., 1 ♀, *Dillenia* sp., 3 ♀,
Gonystylus sp., 4 ♀, *Calophyllum* sp., 1 ♀, *Albizia* sp.,
2 ♀, *Pometia pinnata*, 1 ♀, *Pentace* sp.

31. *Xyleborus canarii* BROWNE

Lever Harbour; 1 ♀, *Canarium* sp.

32. *Xyleborus cognatus* BLANDFORD

Various shipment localities; 2 ♀, *Campnosper-
ma* sp., 1 ♀, *Parishia* sp., 6 ♀, *Spondias* sp., 12 ♀,
Canarium sp., 54 ♀, *Terminalia* sp., 3 ♀, *Schizomeria*
sp., 6 ♀, *Dillenia* sp., 1 ♂9 ♀, *Endospermum* ? *medul-
losum*, 7 ♀, *Neoschortechinia* sp., 3 ♀, *Gonystylus* sp.,
19 ♀, *Calophyllum* sp., 1 ♀, *Beilschmiedia* sp., 4 ♀,
Albizia sp., 3 ♀, *Pterocarpus* sp., 1 ♀, *Chisocheton* sp.,
1 ♀, *Artocarpus* sp., 2 ♀, *Ficus* sp., 22 ♀, *Xanthophyl-
lum* sp., 17 ♀, *Pometia pinnata*, 1 ♂14 ♀, *Burckella*
sp., 6 ♀, *Palaquium* sp., 3 ♀, *Sloanea* sp., 2 ♀, *Celtis*
sp., 1 ♀, *Vitex* sp.

33. *Xyleborus corporaali* EGGERS

Lever Harbour, Viru Harbour; 3 ♀, *Dillenia*
sp., 1 ♂6 ♀, *Parinari* sp.

34. *Xyleborus dentatulus* BROWNE

Mangakiki, Viru Harbour; 1 ♀, *Dillenia* sp., 1
♀, *Pometia pinnata*, 1 ♀, *Burckella* sp.

35. *Xyleborus destruens* BLANDFORD

Various shipment localities; 24 ♀, *Campnosper-
ma* sp., 6 ♀, *Alstonia* sp., 2 ♂24 ♀, *Canarium* sp., 19

♀, *Terminalia* sp., 3 ♀, *Schizomeria* sp., 2 ♀,
Octomeles sumatrana, 36 ♀, *Dillenia* sp., 83 ♀, *En-
dospermum* ? *medullosum*, 27 ♀, *Neoschortechinia*
sp., 401 ♀, *Pimelodendron* sp., 1 ♀, *Homalium* sp., 1
♀, *Trichadenia philippinensis*, 175 ♀, *Gonystylus* sp.,
2 ♂151 ♀, *Calophyllum* sp., 9 ♀, *Beilschmiedia* sp., 2
♀, *Intsia* sp., 1 ♀, *Aglaia* sp., 3 ♀, *Chisocheton* sp., 2
♂257 ♀, *Dysoxylum* sp., 1 ♀, *Artocarpus* sp., 46 ♀,
Ficus sp., 2 ♀, *Eugenia* sp., 2 ♂100 ♀, *Xanthophyllum*
sp., 2 ♂205 ♀, *Parinari* sp., 9 ♀, *Neonauclea* sp., 1 ♀,
Euodia sp., 2 ♂20 ♀, *Pometia pinnata*, 17 ♀, *Burckella*
sp., 13 ♀, *Palaquium* sp., 68 ♀, *Planchonella* sp., 5 ♀,
Ailanthus integrifolia, 8 ♀, *Pterygota horsfieldii*, 37 ♀,
Celtis sp., 4 ♀, *Gmelina* sp.

36. *Xyleborus diversicolor* EGGERS

Lever Harbour; 1 ♀, *Ilex* sp.

37. *Xyleborus emarginatus* EICHHOFF

Honiara, Lever Harbour, Mangakiki, San Cris-
tobal Is., Viru Harbour; 6 ♀, *Campnosperma* sp., 5
♀, *Canarium* sp., 189 ♀, *Terminalia* sp., 1 ♂36 ♀,
Schizomeria sp., 15 ♀, *Dillenia* sp., 2 ♀, *Gonystylus*
sp., 2 ♂58 ♀, *Calophyllum* sp., 1 ♀, *Albizia* sp., 1 ♀,
Dysoxylum sp., 1 ♀, *Xanthophyllum* sp., 5 ♀, *Parinari*
sp., 1 ♂62 ♀, *Pometia pinnata*, 27 ♀, *Burckella* sp.

38. *Xyleborus exiguus* (WALKER)

Various shipment localities; 2 ♀, *Canarium* sp.,
34 ♀, *Terminalia* sp., 13 ♀, *Schizomeria* sp., 1 ♀,
Neoschortechinia sp., 3 ♀, *Calophyllum* sp., 1 ♀,
Dysoxylum sp., 2 ♀, *Xanthophyllum* sp., 1 ♂30 ♀,
Parinari sp., 1 ♂36 ♀, *Pometia pinnata*, 1 ♂6 ♀, *Plan-
chonella* sp., 1 ♀, *Celtis* sp.

39. *Xyleborus fallax* EICHHOFF

Kalena Bay, Lever Harbour, Mangakiki, Ringi
Cove, Viru Harbour, Waimamura; 3 ♂40 ♀, *Camp-
nosperma* sp., 11 ♀, *Canarium* sp., 6 ♂187 ♀, *Termi-
nalia* sp., 3 ♂76 ♀, *Schizomeria* sp., 38 ♀, *Dillenia*
sp., 1 ♀, *Endospermum* ? *medullosum*, 1 ♂69 ♀,
Gonystylus sp., 1 ♂74 ♀, *Calophyllum* sp., 8 ♀, *Neos-
chortechinia* sp., 1 ♀, *Ficus* sp., 1 ♀, *Xanthophyllum*
sp., 25 ♀, *Parinari* sp., 13 ♀, *Pometia pinnata*, 6 ♀,
Burckella sp., 5 ♀, *Palaquium* sp.

40. *Xyleborus ferrugineus* (FABRICIUS)

Various shipment localities; 2 ♀, *Campnosper-
ma* sp., 35 ♀, *Canarium* sp., 2 ♂162 ♀, *Terminalia*
sp., 60 ♀, *Schizomeria* sp., 6 ♂638 ♀, *Dillenia* sp., 1 ♂
68 ♀, *Endospermum* ? *medullosum*, 8 ♀, *Trichadenia*
philippinensis, 17 ♀, *Gonystylus* sp., 1 ♂265 ♀, *Calo-
phyllum* sp., 12 ♀, *Beilschmiedia* sp., 3 ♀, *Albizia* sp.,
2 ♀, *Pterocarpus* sp., 5 ♀, *Amoora* ? *cucullata*, 7 ♀,
Chisocheton sp., 7 ♀, *Dysoxylum* sp., 6 ♀, *Artocarpus*
sp., 4 ♀, *Ficus* sp., 2 ♀, *Eugenia* sp., 7 ♀, *Xanthophyl-*

lum sp., 74 ♀, *Parinari* sp., 1 ♂ 77 ♀, *Neonauclea* sp., 4 ♀, *Euodia* sp., 1 ♂ 150 ♀, *Pometia pinnata*, 1 ♂ 45 ♀, *Burckella* sp., 2 ♂ 34 ♀, *Palaquium* sp., 5 ♀, *Planchonella* sp., 6 ♀, *Ailanthus integrifolia*, 3 ♀, *Pentace* sp., 7 ♀, *Celtis* sp., 1 ♀, *Gmelina* sp., 10 ♀, *Vitex* sp.

41. *Xyleborus funereus* LEA

Dios, Honiara; 6 ♀, *Ficus* sp.

42. *Xyleborus glabratus* BROWNE

Viru Harbour; 4 ♀, *Terminalia* sp., 54 ♀, *Dillenia* sp., 12 ♀, *Calophyllum* sp., 11 ♀, *Pometia pinnata*

43. *Xyleborus hashimotoi* BROWNE

Lever Harbour; 1 ♀, *Pimelodendron* sp.

44. *Xyleborus interjectus* BLANDFORD

Honiara, Lever Harbour; 1 ♂ 6 ♀, *Dysoxylum* sp., 1 ♀, *Xanthophyllum* sp.

45. *Xyleborus kororensis* WOOD

Kalena Bay, Viru Harbour; 11 ♀, *Dillenia* sp.

46. *Xyleborus laevis* EGGERS

Lever Harbour, Viru Harbour, Waimamura; 1 ♂ 1 ♀, *Terminalia* sp., 1 ♂ 20 ♀, *Dillenia* sp., 9 ♀, *Endospermum ? medullosum*, 31 ♀, *Pimelodendron* sp., 1 ♂ 17 ♀, ? Lauraceae sp., 2 ♀, *Albizia* sp., 2 ♀, *Amoora ? cucullata*, 1 ♀, *Chisocheton* sp., 1 ♂ 29 ♀, *Dysoxylum* sp., 34 ♀, *Xanthophyllum* sp., 2 ♀, *Parinari* sp., 1 ♀, *Pometia pinnata*, 5 ♀, *Ailanthus integrifolia*

47. *Xyleborus leverensis* BROWNE

Kalena Bay, Lever Harbour, Viru Harbour, Waimamura; 4 ♀, *Campnosperma* sp., 6 ♀, *Terminalia* sp., 19 ♀, *Dillenia* sp., 15 ♀, *Calophyllum* sp., 9 ♀, *Eugenia* sp., 1 ♀, *Pometia pinnata*

48. *Xyleborus minutus* BLANDFORD

Viru Harbour; 1 ♀, *Canarium* sp., 2 ♂ 12 ♀, *Dillenia* sp.

49. *Xyleborus perforans* (WOLLASTON)

Various shipment localities; 119 ♂ 15, 241 ♀, were collected from trees in 57 Genera 32 Families

50. *Xyleborus perparvus* SAMPSON

Kalena Bay, Viru Harbour; 10 ♀, *Terminalia* sp., 1 ♀, *Calophyllum* sp.

51. *Xyleborus piceus* (MOTSCHULSKY)

Various shipment localities; 7 ♀, *Buchanania* sp., 3 ♀, *Canarium* sp., 13 ♀, *Terminalia* sp., 1 ♀, *Octomeles sumatrana*, 4 ♂ 115 ♀, *Endospermum ? medullosum*, 1 ♀, *Pimelodendron* sp., 9 ♀, *Gonystylus* sp., 6 ♀, *Calophyllum* sp., 1 ♀, *Intsia* sp., 2 ♀, *Pterocarpus* sp., 9 ♀, *Chisocheton* sp., 4 ♀, *Dysoxylum* sp., 5 ♀, *Antiaris* sp., 10 ♀, *Ficus* sp., 1 ♀, *Eugenia* sp., 2 ♀, *Xanthophyllum* sp., 1 ♀, *Euodia* sp., 1 ♂ 46 ♀, *Pometia pinnata*, 12 ♀, *Ailanthus integrifolia*, 1 ♀,

Sloanea sp., 11 ♀, *Celtis* sp.

52. *Xyleborus pinguis* BROWNE

Lever Harbour; 6 ♀, ? *Garcinia* sp., 12 ♀, *Eugenia* sp.

53. *Xyleborus pumilus* EGGERS

Dios, Lever Harbour, Toimanapu, Viru Harbour; 2 ♀, *Dillenia* sp., 2 ♂ 100 ♀, *Calophyllum* sp., 12 ♀, *Ficus* sp., 8 ♂ 69 ♀, *Artocarpus* sp., 1 ♀, *Palaquium* sp.

54. *Xyleborus sejugatus* SCHEDL

Viru Harbour; 1 ♀, *Terminalia* sp., 8 ♀, *Dillenia* sp.

55. *Xyleborus similis* FERRARI

Various shipment localities; 2 ♀, *Alstonia* sp., 7 ♀, *Canarium* sp., 35 ♀, *Terminalia* sp., 1 ♀, *Octomeles sumatrana*, 1 ♀, *Dillenia* sp., 1 ♀, *Elaeocarpus* sp., 19 ♀, *Endospermum ? medullosum*, 7 ♀, *Neoschortechinia* sp., 4 ♀, *Gonystylus* sp., 14 ♀, *Calophyllum* sp., 1 ♀, *Beilschmiedia* sp., 1 ♀, *Intsia* sp., 6 ♀, *Pterocarpus* sp., 1 ♀, *Amoora ? cucullata*, 7 ♀, *Dysoxylum* sp., 3 ♀, *Antiaris* sp., 3 ♀, *Artocarpus* sp., 24 ♀, *Ficus* sp., 9 ♀, *Xanthophyllum* sp., 1 ♀, *Parinari* sp., 8 ♀, *Euodia* sp., 12 ♀, *Pometia pinnata*, 2 ♀, *Palaquium* sp., 1 ♀, *Planchonella* sp., 1 ♀, *Ailanthus integrifolia*, 3 ♀, *Sloanea* sp., 1 ♂ 13 ♀, *Celtis* sp., 2 ♀, *Vitex* sp.

56. *Xyleborus solomonicus* SCHEDL

Viru Harbour; 1 ♀, *Neonauclea* sp.

57. *Xyleborus striatotruncatus* SCHEDL

Viru Harbour; 9 ♀, *Dillenia* sp., 1 ♀, *Pometia pinnata*

58. *Xyleborus subagnatus* SCHEDL

Various shipment localities; 40 ♀, *Campnosperma* sp., 31 ♀, *Canarium* sp., 5 ♂ 163 ♀, *Terminalia* sp., 21 ♀, *Schizomeria* sp., 1 ♂ 93 ♀, *Dillenia* sp., 8 ♀, *Gonystylus* sp., 13 ♂ 205 ♀, *Calophyllum* sp., 1 ♀, *Planchonia papuana*, 5 ♀, *Artocarpus* sp., 20 ♀, *Eugenia* sp., 1 ♀, *Maranthes* sp., 12 ♀, *Parinari* sp., 10 ♀, *Pometia pinnata*, 4 ♀, *Burckella* sp., 10 ♀, *Palaquium* sp.

59. *Xyleborus viruensis* BROWNE

Viru Harbour; 1 ♀, *Endospermum ? medullosum*

60. *Xyleborus volvulus* (FABRICIUS)

Various shipment localities; 2 ♀, *Terminalia* sp., 1 ♀, *Octomeles sumatrana*, 4 ♀, *Dillenia* sp., 6 ♀, *Gonystylus* sp., 6 ♀, *Calophyllum* sp., 2 ♀, *Chisocheton* sp., 1 ♀, *Dysoxylum* sp., 3 ♀, *Ficus* sp., 2 ♀, *Xanthophyllum* sp., 2 ♀, *Pometia pinnata*

61. *Xyleborus wallacei* BLANDFORD

Viru Harbour, Waimamura; 3 ♀, *Endosper-*

mum ? *medullosum*, 1 ♀, *Ficus* sp., 1 ♀, *Pometia pinnata*

62. *Eccoptopterus spinosus* (OLIVIER)

Dios, Mangakiki, Ringi Cove; 2 ♀, *Canarium* sp., 1 ♀, *Terminalia* sp., 1 ♀, *Vitex* sp.

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