

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

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Abstract: A total of 49 Scolytid and 27 Platypodid species from Moluccas were found in logs at Nagoya port in this work. Details of the host record for the present collection are given.

Introduction

Although the ecology of the Scolytid and Platypodid beetles of the Malayan peninsula has been well studied, little is known of that of the other Southeast Asian and New Guinea areas.

This report deals with a result of examination of the host plants, namely the imported tropical logs of the Scolytidae and Platypodidae at Nagoya port. This paper is a part of our studies based upon the collections from the Molucca Islands.

More than 13,200 specimens were collected from these Islands including 49 species 15 genera of Scolytidae and 27 species 5 genera of Platypodidae collected by Plant inspectors of Seibu Sub-Branch from April 1982 to January 1985.

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. Report of beetles of other countries will be published soon.

Family Scolytidae

1. *Dactylipalpus transversus* CHAPUIS

Ternate¹⁾; 1 ex., *Agathis* sp.²⁾

2. *Diamerus interstitialis* (LEA)

Tg. Bonyosmiaf; 1 ex., *Anisoptera* sp.

3. *Scolytomimus pusillus* (EGGERS)

Ternate; 3 exs., Sapotaceae sp.

4. *Margadillius terminaliae* BROWNE

1) Shipment locality.

2) Host record.

Ambon; 37 exs., *Terminalia* sp.

5. *Cryphalus striatulus* BROWNE

Tg. Buli, Ambon; 42 exs., *Canarium* sp.

6. *Cryphalus wapleri* EICHHOFF

Tg. Buli, Ternate, Ambon; 127 ♂♂ 132 ♀♀, *Canarium* sp.

7. *Hypothenemus dipterocarpi* HOPKINS

Tg. Bonyosmiaf; 8 ♀♀, *Agathis* sp.

8. *Cyrtogenius brevior* (EGGERS)

Pintatu, Tg. Loleo, Tg. Bonyosmiaf, Buru, Ternate, Bacan, Ambon; 102 ♂♂ 102 ♀♀, *Agathis* sp., 166 ♂♂ 202 ♀♀, *Canarium* sp.

9. *Cyrtogenius orientalis* (EGGERS)

Tg. Buli, Ternate, Wamsasi, Buru, Walsalisa, Ambon; 50 ♂♂ 52 ♀♀, *Agathis* sp., 6 ♂♂ 5 ♀♀, *Canarium* sp., 3 ♂♂ 6 ♀♀, *Pometia pinnata*, 10 ♂♂ 5 ♀♀, Sapotaceae sp.

10. *Cyrtogenius vaticae* NUNBERG

Tg. Bonyosmiaf, Tg. Buli, Ternate, Ambon; 112 ♂♂ 122 ♀♀, *Anisoptera* sp.

11. *Ozopemon similis* (EGGERS)

Tg. Buli; 4 ♀♀ *Anisoptera* sp.

12. *Poecilips advena* (BLANDFORD)

Ternate; 2 exs., *Agathis* sp.

13. *Poecilips variabilis* (BEESON)

Ternate, Ambon; 9 exs., *Agathis* sp., 2 exs., *Canarium* sp.

14. *Ozodendron agathis* BROWNE

Morotai, Pintatu, Tg. Bonyosmiaf, Tg. Buli, Tg. Loleo, Ternate; 129 ♂♂ 103 ♀♀, *Agathis* sp.

15. *Acanthotomicus emarginatus* BROWNE

Tg. Bonyosmiaf; 8 ♂♂ 46 ♀♀, *Anisoptera* sp.

16. *Xyleborus affinis* EICHHOFF

Pintatu, Tg. Bonyosmiaf, Tg. Loleo, Tg. Buli, Ternate, Bacan, Waisile; 2 ♂♂ 107 ♀♀, *Agathis* sp., 10 ♀♀, *Canarium* sp., 1 ♂ 122 ♀♀, *Octomeles sumatrana*, 47 ♀♀, *Anisoptera* sp., 29 ♀♀, *Shorea* sp., 10 ♀♀, *Pimelodendron amboinicum*, 38 ♀♀, *Pometia pinnata*, 5 ♀♀, Sapotaceae sp.

17. *Xyleborus agnatus* EGGERS

Tg. Buli, Ternate, Ambon; 4 ♀♀, *Agathis* sp., 1 ♀, *Anisoptera* sp., 1 ♀, *Shorea* sp., 3 ♀♀, *Pometia pinnata*.

18. *Xyleborus bidentatus* (MOTSCHULSKY)

Mandioli, Ternate, Taliabu, Ambon; 1 ♂ 1 ♀, *Agathis* sp., 7 ♀♀, *Shorea* sp.

19. *Xyleborus cognatus* BLANDFORD

Pintatu, Tg. Bonyosmiaf, Tg. Buli, Tg. Loleo, Ternate, Bacan, Taliabu, Ambon; 15 ♀♀, *Agathis* sp., 1 ♀, *Canarium* sp., 19 ♀♀, *Octomeles sumatrana*, 1 ♂ 152 ♀♀, *Anisoptera* sp., 1 ♂ 6 ♀♀, *Hopea* sp., 13 ♀♀, *Shorea* sp., 1 ♀, *Pometia pinnata*.

20. *Xyleborus concisus* BLANDFORD

Pintatu, Ambon; 5 ♀♀, *Agathis* sp., 254 ♀♀, *Anisoptera* sp.

21. *Xyleborus dalbergiae* EGGERS

Taliabu, Ambon; 42 ♀♀, *Shorea* sp.

22. *Xyleborus depressurus* BROWNE

Pintatu, Ternate; 12 ♀♀, *Agathis* sp.

23. *Xyleborus destruens* BLANDFORD

Pintatu, Tg. Bonyosmiaf, Tg. Buli, Ternate, Ambon; 1 ♂ 113 ♀♀, *Agathis* sp., 2 ♀♀, *Canarium* sp., 2 ♀♀, *Anisoptera* sp., 2 ♀♀, *Pometia pinnata*, 1 ♀, Sapotaceae sp.

24. *Xyleborus emarginatus* EICHHOFF

Pintatu, Mandioli, Tg. Bonyosmiaf, Tg. Buli, Ternate, Bacan, Ambon; 15 ♀♀, *Agathis* sp., 12 ♀♀, *Canarium* sp., 245 ♀♀, *Anisoptera* sp., 15 ♀♀, *Shorea* sp., 28 ♀♀, *Pometia pinnata*, 1 ♀, Sapotaceae sp.

25. *Xyleborus exiguus* (WALKER)

Bacan, Ambon; 1 ♂ 11 ♀♀, *Shorea* sp., 6 ♀♀, *Pometia pinnata*.

26. *Xyleborus fallax* EICHHOFF

Pintatu, Tg. Buli, Ternate, Bacan, Taliabu, Ambon; 23 ♀♀, *Agathis* sp., 2 ♀♀, *Canarium* sp., 7 ♂♂ 307 ♀♀, *Anisoptera* sp., 20 ♀♀, *Shorea* sp., 1 ♀, Sapotaceae sp.

27. *Xyleborus ferrugineus* (FABRICIUS)

Pintatu, Tg. Bonyosmiaf, Tg. Buli, Ternate, Ambon;

1 ♂ 40 ♀♀, *Agathis* sp., 10 ♀♀, *Anisoptera* sp., 14 ♀♀, *Hopea* sp., 2 ♀♀, *Shorea* sp., 1 ♂ 27 ♀♀, *Pimelodendron amboinicum*, 13 ♀♀, Sapotaceae sp.

28. *Xyleborus funereus* LEA

Ternate; 1 ♀, *Octomeles sumatrana*.

29. *Xyleborus indonesianus* BROWNE

Pintatu, Taliabu; 7 ♀♀, *Shorea* sp.

30. *Xyleborus katoi* BROWNE

Ambon; 1 ♀, *Shorea* sp.

31. *Xyleborus latecomis* SCHEDL

Pintatu, Ternate, Bacan, Ambon; 73 ♀♀, *Agathis* sp., 1 ♀, *Anisoptera* sp., 4 ♀♀, *Shorea* sp., 3 ♀♀, *Pometia pinnata*.

32. *Xyleborus moluccanus* BROWNE

Tg. Bonyosmiaf, Ternate, Ambon; 2 ♂♂ 57 ♀♀, *Anisoptera* sp.

33. *Xyleborus perforans* (WOLLASTON)

Various shipment localities; 5 ♂♂ 548 ♀♀, *Agathis* sp., 1 ♂ 57 ♀♀, *Canarium* sp., 5 ♀♀, *Octomeles sumatrana*, 18 ♂♂ 1,559 ♀♀, *Anisoptera* sp., 2 ♂♂ 428 ♀♀, *Hopea* sp., 3 ♂♂ 433 ♀♀, *Shorea* sp., 514 ♀♀, *Pimelodendron amboinicum*, 2 ♂♂ 263 ♀♀, *Pometia pinnata*, 285 ♀♀, Sapotaceae sp., 18 ♀♀, *Pterygota horsfieldii*.

34. *Xyleborus perparvus* SAMPSON

Ternate; 2 ♂♂ 18 ♀♀, *Agathis* sp.

35. *Xyleborus piceus* (MOTSCHULSKY)

Tg. Bonyosmiaf, Ternate; 5 ♀♀, *Octomeles sumatrana*.

36. *Xyleborus pumilus* EGGERS

Ternate; 4 ♀♀, *Agathis* sp.

37. *Xyleborus similis* FERRARI

Tg. Bonyosmiaf, Tg. Buli, Mandioli, Ternate, Bacan, Ambon; 5 ♀♀, *Agathis* sp., 1 ♀, *Canarium* sp., 14 ♀♀, *Octomeles sumatrana*, 7 ♀♀, *Anisoptera* sp., 27 ♀♀, *Shorea* sp., 65 ♀♀, *Pimelodendron amboinicum*, 6 ♀♀, *Pometia pinnata*, 3 ♀♀, Sapotaceae sp.

38. *Xyleborus tunggali* SCHEDL

Ambon; 2 ♀♀, *Canarium* sp.

39. *Xyleborus ursulus* EGGERS

Ambon; 7 ♀♀, *Pometia pinnata*.

40. *Xyleborus volvulus* (FABRICIUS)

Mangole, Tg. Bonyosmiaf, Pintatu, Tg. Buli, Tg. Loleo, Ternate, Bacan, Ambon; 2 ♀♀, *Agathis* sp., 2 ♀♀, *Canarium* sp., 29 ♀♀, *Octomeles sumatrana*, 77 ♀♀, *Ani-*

soptera sp., 11 ♀♀, *Hopea* sp., 13 ♀♀, *Shorea* sp., 34 ♀♀, *Pimelodendron amboinicum*, 2 ♀♀, *Pometia pinnata*, 5 ♀♀, Sapotaceae sp.

41. *Xylosandrus crassiusculus* (MOTSCHULSKY)

Ambon; 1 ♀, *Canarium* sp.

42. *Arixyleborus hirsutulus* SCHEDL

Taliabu; 1 ♀, *Shorea* sp.

43. *Arixyleborus imitator* (EGGERS)

Ambon; 1 ♀, *Anisoptera* sp.

44. *Arixyleborus iriani* BROWNE

Ambon; 4 ♀♀, *Shorea* sp.

45. *Arixyleborus okadai* BROWNE

Taliabu; 9 ♀♀, *Shorea* sp.

46. *Arixyleborus rugosipes* HOPKINS

Pintatu, Taliabu, Ambon; 1 ♀, *Anisoptera* sp., 7 ♀♀, *Shorea* sp.

47. *Arixyleborus scabripennis* (BLANDFORD)

Ambon; 4 ♀♀, *Shorea* sp.

48. *Arixyleborus subsimilis* SCHEDL

Pintatu, Tg. Buli, Waisile, Ternate, Ambon; 1 ♀♀, *Agathis* sp., 4 ♂♂ 44 ♀♀, *Canarium* sp., 1 ♀, *Anisoptera* sp., 31 ♀♀, *Shorea* sp., 3 ♀♀, *Pometia pinnata*.

49. *Webbia pabo* SAMPSON

Ambon; 9 ♀♀, *Shorea* sp.

Family Platypodidae

1. *Crossotarsus externedentatus* (FAIRMAIRE)

Waisile, Ambon; 1 ♂, *Canarium* sp., 1 ♂, Sapotaceae sp.

2. *Crossotarsus lacordairei* CHAPUIS

Tg. Bonyosmiaf, Waisile, Ambon; 29 ♂♂ 20 ♀♀, *Canarium* sp.

3. *Crossotarsus mniszewski* CHAPUIS

Tg. Bonyosmiaf, Waisile, Bacan, Ambon; 6 ♂♂ 1 ♀, *Canarium* sp., 2 ♂♂ 4 ♀♀, *Anisoptera* sp.

4. *Baiocis permanulus* (SCHEDL)

Tg. Loleo; 1 ♂, *Agathis* sp.

5. *Platypus caliculus* CHAPUIS

Pintatu, Tg. Buli, Ternate, Taliabu, Ambon; 10 ♂♂, *Agathis* sp., 2 ♂♂, *Octomeles sumatrana*, 3 ♂♂, *Anisoptera* sp., 10 ♂♂ 1 ♀, *Shorea* sp.

6. *Platypus curtus* CHAPUIS

Pintatu, Tg. Buli, Bacan, Taliabu, Ambon; 10 ♂♂ 4 ♀♀, *Anisoptera* sp., 8 ♂♂ 6 ♀♀, *Shorea* sp.

7. *Platypus forficula* CHAPUIS

Various shipment localities; 157 ♀♀ 19 ♀♀, *Agathis* sp., 10 ♂♂ 1 ♀, *Canarium* sp., 17 ♂♂, *Anisoptera* sp., 2 ♂♂, *Shorea* sp., 188 ♂♂ 13 ♀♀, *Pimelodendron amboinicum*, 10 ♂♂, *Pometia pinnata*, 17 ♂♂ 1 ♀, Sapotaceae sp.

8. *Platypus geminatus* CHAPUIS

Tg. Bonyosmiaf, Tg. Buli, Ambon, Walsalisa; 2 ♂♂, *Agathis* sp., 1 ♂, *Canarium* sp., 1 ♂, *Octomeles sumatrana*, 1 ♂, *Anisoptera* sp., 3 ♂♂ 1 ♀, *Shorea* sp.

9. *Platypus insularis* STROHMEYER

Bacan; 6 ♂♂ 1 ♀, *Anisoptera* sp.

10. *Platypus jansoni* CHAPUIS

Various shipment localities; 9 ♂♂, *Agathis* sp., 15 ♂♂, *Canarium* sp., 13 ♂♂, *Octomeles sumatrana*, 19 ♂♂ 1 ♀, *Anisoptera* sp., 8 ♂♂ 1 ♀, *Shorea* sp., 100 ♂♂ 38 ♀♀, *Pimelodendron amboinicum*, 4 ♀♀, *Pometia pinnata*, 15 ♂♂ 7 ♀♀, Sapotaceae sp., 2 ♂♂, *Pterygota horsfieldii*.

11. *Platypus lepidus* CHAPUIS

Tg. Loleo, Ternate, Ambon; 3 ♂♂, *Agathis* sp., 2 ♂♂, *Canarium* sp., 1 ♂, *Pimelodendron amboinicum*, 3 ♂♂, Sapotaceae sp.

12. *Platypus longicollis* BROWNE

Ambon; 1 ♂, *Canarium* sp.

13. *Platypus minor* BROWNE

Ambon; 4 ♂♂ 1 ♀, *Canarium* sp.

14. *Platypus nitens* BROWNE

Bacan; 1 ♂, *Anisoptera* sp.

15. *Platypus pallidus* CHAPUIS

Pintatu, Tg. Buli, Tg. Loleo, Ternate, Ambon; 44 ♂♂ 1 ♀, *Agathis* sp., 1 ♂, *Canarium* sp., 1 ♂, *Octomeles sumatrana*, 1 ♂, *Anisoptera* sp., 1 ♂, *Pimelodendron amboinicum*, 7 ♂♂, *Pometia pinnata*, 4 ♂♂ 1 ♀, Sapotaceae sp.

16. *Platypus pseudocupulatus* SCHEDL

Waisile, Ternate, Taliabu, Ambon; 2 ♂♂, *Agathis* sp., 2 ♂♂, *Canarium* sp., 2 ♂♂, *Octomeles sumatrana*, 1 ♂, *Anisoptera* sp., 5 ♂♂ 1 ♀, *Shorea* sp.

17. *Platypus pseudosindorae* BROWNE

Ternate, Ambon; 1 ♂, *Octomeles sumatrana*, 1 ♂, *Anisoptera* sp., 1 ♂, *Shorea* sp., 3 ♂♂ 2 ♀♀, *Pimelodendron amboinicum*, 1 ♂, *Pometia pinnata*.

18. *Platypus sandakanensis* BROWNE

Ambon; 102 ♂♂ 73 ♀♀, *Shorea* sp.

19. *Platypus shoreanus bifurcus* SCHEDL

Various shipment localities; 22 ♂♂ 9 ♀♀, *Agathis* sp., 19 ♂♂ 2 ♀♀, *Canarium* sp., 1,145 ♂♂ 310 ♀♀, *Anisoptera* sp., 589 ♂♂ 146 ♀♀, *Shorea* sp., 9 ♂♂, *Hopea* sp., 1 ♂ 1 ♀, *Pometia pinnata*, 12 ♂♂ 2 ♀♀, Sapotaceae sp.

Platypus shoreanus mutilus SCHEDL

Pintatu, Mandioli, Bacan, Taliabu, Ambon; 44 ♂♂ 2 ♀♀, *Anisoptera* sp., 57 ♂♂ 42 ♀♀, *Shorea* sp.

20. *Platypus solidus* WALKER

Pintatu, Waisile, Ternate, Taliabu, Ambon; 2 ♂♂, *Agathis* sp., 1 ♂, *Canarium* sp., 2 ♂♂, *Anisoptera* sp., 15 ♂♂ 10 ♀♀, *Shorea* sp., 2 ♂♂, *Pimelodendron amboinicum*, 1 ♂, *Pometia pinnata*.

21. *Platypus subcurtatus* BROWNE

Ternate; 1 ♂ 1 ♀, *Agathis* sp.

22. *Platypus suffodiens* SAMPSON

Bacan, Ternate; 6 ♂♂ 4 ♀♀, *Agathis* sp., 1 ♂, *Anisoptera* sp.

23. *Platypus transformis* SCHEDL

Tg. Buli, Bacan, Ternate, Ambon; 24 ♂♂ 9 ♀♀, *Anisoptera* sp., 3 ♂♂, *Hopea* sp., 8 ♂♂ 2 ♀♀, *Shorea* sp.

24. *Diapus pusillimus* CHAPUIS

Various shipment localities; 194 ♂♂ 31 ♀♀, *Agathis* sp., 77 ♂♂ 13 ♀♀, *Canarium* sp., 1 ♂, *Octomeles sumatrana*, 209 ♂♂ 64 ♀♀, *Anisoptera* sp., 50 ♂♂ 8 ♀♀,

Hopea sp., 71 ♂♂ 12 ♀♀, *Shorea* spp., 39 ♂♂ 13 ♀♀, *Pimelodendron amboinicum*, 57 ♂♂ 4 ♀♀, *Pometia pinnata*, 41 ♂♂ 6 ♀♀, Sapotaceae sp.

25. *Diapus quinquespinatus* CHAPUIS

Various shipment localities; 222 ♂♂ 29 ♀♀, *Agathis* sp., 4 ♂♂, *Canarium* sp., 127 ♂♂ 17 ♀♀, *Anisoptera* sp., 2 ♂♂, *Hopea* sp., 54 ♂♂ 8 ♀♀, *Shorea* sp., 7 ♂♂, *Pometia pinnata*, 2 ♂♂ 1 ♀, Sapotaceae sp.

26. *Genyocerus biporus* (SCHEDL)

Taliabu, Ambon; 21 ♂♂ 22 ♀♀, *Shorea* spp.

27. *Genyocerus exilis* (SCHEDL)

Bacan; 73 ♂♂ 20 ♀♀, *Anisoptera* sp.

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