

Species Inquirenda

11. *Cerapachys* (C.) *nitens* Donisthorpe, 1949, Ann. Mag. Nat. Hist. ser. 12, 1: 487 (male; type locality: Maffin Bay, Neth. New Guinea).

KEY TO SPECIES OF CERAPACHYS OF THE FIJI ISLANDS

Worker Caste

1. Antenna 9-segmented (subg. *Syscia*)..... 2
 Antenna 12-segmented (subg. *Cerapachys*)..... 3
- 2 (1). Foveolae of central portion of postpetiolar dorsum 0.02-0.03 mm in diameter; color pale reddish brown (Viti Levu).....17. **crypta**
 Foveolae of central portion of postpetiolar dorsum 0.04-0.05 mm in diameter; color dark reddish brown (Taveuni)..... 18. **fuscior**
- 3 (1). Dorsum of postpetiole covered by foveolae that are approximately 0.03 mm in diameter and separated from each other by spaces of approximately same magnitude; smaller species, with HW less than 0.67 mm..... 4
 Dorsum of postpetiole smooth and shining, at most with scattered fine punctures; larger species, with HW ordinarily greater than 0.70 mm and less than this only in occasional nanitics..... 5
- 4 (3). Entire thoracic dorsum covered with abundant foveae approximately 0.03 mm in diameter.....14. **sculpturata**
 Most of central portion of thoracic dorsum smooth and shining.....15. **vitiensis**
- 5 (3). Lateral surface of petiole covered by contiguous foveolae approximately 0.06 mm in diameter; petiole (including peduncles) distinctly broader than long.....
13. **majuscula**
 Lateral surface of petiole bearing only scattered fine punctures, most of its area smooth and shining; petiole (including peduncles) distinctly longer than broad 6
- 6 (5). Sterna of petiole and postpetiole completely covered by subcontiguous foveolae approximately 0.06 mm in diameter.....12. **lindrothi**
 Sterna of petiole and postpetiole lacking foveolae, their surfaces almost completely smooth and shining..... 16. **zimmermani**
12. *Cerapachys* (C.) *lindrothi* Wilson, n. sp.

Worker: Along with *zimmermani* Wilson, *lindrothi* differs from closely related Fijian "stem" species *majuscula* Emery by following distinctive characters: (1) lateral surfaces of head, propodeum, and petiole sparsely and finely punctate, as opposed to densely foveolate in *majuscula*: (2) petiole, seen from directly above, distinctly longer than broad in *lindrothi* and *zimmermani* but about equally as broad as long in *majuscula*. *Lindrothi* differs from *zimmermani* in its densely foveolate petiolar and postpetiolar sterna; these surfaces almost completely smooth and shining in latter species. *Lindrothi* differs from the other two known Fijian *Cerapachys*, *sculpturata* Mann and *vitiensis* Mann, as well as from the putative "stem"