

- 2 (1). Postpetiole slightly broader than long (New Guinea)..... 8. **papuana**
 Postpetiole slightly longer than broad..... 3
- 3 (2). Head coarsely and irregularly rugose and punctate (Solomon Is.)..... 9. **pawa**
 Head bearing punctures only, and these are regularly distributed..... 10. **pupilla**
- 4 (1). Dorsa of alitrunk and gastric tergite 1 entirely covered by dense, fine, longi-
 tudinal striae ; robust, medium-sized species (pronotal width about 0.6 mm)...
 5. **opaca**
 Dorsa of alitrunk and gastric tergite 1 lacking striae..... 5
- 5 (4). Dorsa of postpetiole and gaster densely and finely punctate and subopaque,
 their pilosity at least as dense as that of appendages and predominantly
 appressed-subappressed1. **desposyne**
 Dorsa of postpetiole and gaster at most bearing scattered foveolae or punctures,
 their surfaces shining; pilosity of these sclerites notably less dense than
 that of appendages and predominantly erect-suberect..... 6
- 6 (5). Head roughly sculptured, rugose-reticulate to contiguously foveate ; larger species,
 with head width (across and including eyes) 0.90 mm or more 7. **superata**
 Head relatively smooth, at most bearing scattered foveolae or punctures ;
 smaller species, with head width (across and including eyes) not exceeding
 0.77 mm 7
- 7 (6). Sides of petiolar tergite shagreened and opaque to subopaque, and densely clothed
 with relatively short, appressed-subappressed, greyish hairs; thus contrasting
 with sides of postpetiolar tergite, which are smooth and shining and bear
 predominantly standing pilosity no denser than that on sides of adjacent
 gastric tergite 1.....6. **polynikes**
 Sides of petiolar and postpetiolar tergites with sculpturing and pilosity variable
 among 3 remaining species, but in none do surfaces of 2 adjacent tergites
 contrast with each other as described above..... 8
- 8 (7). Larger species, with head width (across and including eyes) never less than
 0.61 mm ; color intranidally variable, ranging from yellowish red to dark
 reddish brown commonly in small nest series ; cephalic sculpturing varying
 internidally from sparsely punctate to densely foveolate.....4. **inconspicua**
 Smaller species, with head width (across and including eyes) never exceeding
 0.59 mm ; color blackish brown to medium reddish brown ; head sparsely
 punctate and mostly smooth and shining..... 9
- 9 (8). Head width of unique type specimen only 0.36 mm ; body concolorous medium
 reddish brown2. **dominula**
 Head width of extensive study series 0.46-0.54 mm ; body concolorous piceous
 brown3. **flavaclavata**

1. **Cerapachys (C.) desposyne** Wilson, n. sp.

Worker : Resembling *inconspicua* Emery and *polynikes* Wilson of New Guinea in general form but differing from these and all other known Melanesian species in having exposed surfaces of petiole, postpetiole, and gaster densely punctate and opaque. Also resembling