23 (20). Each dorsolateral portion of promesonotum produced as a stout horn (Fig. 5D); eye small
(distance between mandibular insertion and anterior margin of eye 2.1-2.6 times as long as
maximal diameter of eye); postpetiole broad (2.3-2.8 times as broad as petiolar node)
- Each dorsolateral portion of promesonotum sometimes produced but not forming a stout horn; eye
variable in size (distance between mandibular insertion and anterior margin of eye usually less
than twice as long as maximal diameter of eye); postpetiole variable in width (usually less than 2.3
times as broad as petiolar node)
24 (23). Petiolar node in profile highly prominent (Figs. 14C, 45C, 46D); hypostoma always bearing a
pair of median processes (Fig. 46C; occasionally the processes poorly developed in P. elisae
Emery); mesopleuron divided by a transverse impression into two parts, of which lower part is
always margined dorsally; alitrunk, or at least its large part, smooth and shining
- Petiolar node in profile usually poorly prominent (with exceptions as seen in P. bugi (Fig. 8E), in
which, however, hypostoma bears three similar-sized median processes); when mesopleuron
divided by a transverse impression into two parts, lower part is usually not margined dorsally (with
exceptions as seen in P. poringensis sp. nov., in which alitrunk is reticulate)27
25 (24). Dorsum of head completely covered with longitudinal rugulae (Fig. 46A)
- Dorsum of occipital lobe smooth and shining (Figs. 14A, 45A)
26 (25). Eight ommatidia present on longest axis of eye
- Four to five ommatidia present on longest axis of eye
27 (24). Alitrunk completely lacking standing hairs (Fig. 21D)
- Alitrunk bearing standing hairs
28 (27). Propodeal spine extremely long, extending over petiolar node (Fig. 30C)
P. modiglianii Emery [p.81]
- Propodeal spine at most slightly passing posterior end of propodeal lobe
29 (28). Dorsum of occipital lobe smooth and shining (or only weakly and sparsely rugose in P.
manukana sp. nov. where postpetiole 2.4-2.6 times as broad as petiolar node)
- Dorsum of head including that of occipital lobe completely sculptured (or rugulae on occipital lobe
weak in P. orophila sp. nov. where, however, postpetiole 1.6-1.7 times as broad as petiolar node) 36
30 (29). Hypostoma always lacking median processes; petiole less than 1.2 times as long as postpetiole
- Hypostoma bearing 1-3 median processes; (in part of P. lucioccipitalis sp. nov. hypostoma lacks all
the median processes where petiole is more than 1.5 times as long as postpetiole)
31 (30). Distance between mandibular insertion and anterior margin of eye ca. 2.3-2.4 times as long as
maximal diameter of eye (Fig. 19B)
- Distance between mandibular insertion and anterior margin of eye 1.4-1.6 times as long as maximal
diameter of eye
32 (31). Postpetiole 2.4-2.6 times as broad as petiolar node; frontal carina conspicuous
- Postpetiole 1.8-1.9 times as broad as petiolar node; frontal carina inconspicuous
F. megacephala (Faulicius) [p.77]