

1. Large species, at least 9 mm. long. 2.
 Small or very small species, not more than 7 mm. long. 5.
2. Very smooth and shining. Length, 9.5 mm. (Santa Catharina, Brazil).
luederwaldti Forel.
 Head and thorax punctate or sculptured, subopaque or with only the pronotum shining. 3.
3. Robust species; head subrectangular, but little longer than broad, head and thorax densely and coarsely punctate and with striolæ which are longitudinal on the head and transverse on the epinotum; mandibles finely striate and coarsely punctate. Length, 10 mm. (Honduras).
hondurana Mann.
 More slender; head subelliptical; sculpture different. 4.
4. Body with purple reflections, especially on sides of petiole, the latter much narrowed in front, 2½ times as long as broad; head and body cribrately punctate. Length, 10 mm. (Honduras). *imperatrix* Mann.
 Body without purple reflections; petiole only about twice as long as broad, with rather convex sides, but little narrowed in front; pronotum smooth and shining. Length, 10.3 mm. (Costa Rica). *famelica* Emery.
5. Body with blue iridescence; petiole very concave on the sides, not truncated in front, the anterior surface in profile forming a continuous ascending curve with the dorsal surface. 6.
 Body not iridescent; petiole not very strongly concave on the sides, more or less distinctly truncated in front, so that it presents the outlines of three surfaces in profile. 7.
6. Hairs and pubescence on body moderately abundant. Length, 6.5-7 mm. (British Guiana). *gaigei*, new species.
 Hairs and pubescence less abundant. Length, 6.5 mm. (British Guiana).
 var. *defuga*, new variety.
7. Head and thorax subopaque, or lustrous, densely punctate. 8.
 Head and thorax very smooth and shining. 11.
8. Dorsal outline of thorax straight in profile, scarcely notched at the mesoëpinotal suture; mandibles narrow. Length, 4.8-5.5 mm. (British Guiana). *dasygyna*, new species.
 Larger species; thorax deeply impressed at the mesoëpinotal suture; mandibles broad. 9.
9. Black; head, thorax and petiole opaque, very densely punctate; mandibles finely striate and coarsely punctate. Length, 7 mm. (Mexico).
mexicana Mayr.
 Red; head, thorax and petiole somewhat shining, less densely punctate; mandibles smooth and shining, sparsely punctate. 10.
10. Petiole very distinctly truncated anteriorly; color paler; surface of head and thorax less shining. Length, 5-7 mm. (Texas). *elongata* Buckley.
 Petiole less distinctly truncated anteriorly; color darker, surface of head and thorax more shining. Length, 6.5-7 mm. (Florida).
 subsp. *manni*, new subspecies.
11. Median lobe of clypeus narrow, produced as an acute spine, its carina concave in profile. Length, 3.5-4 mm. (British Guiana). *langi*, new species.