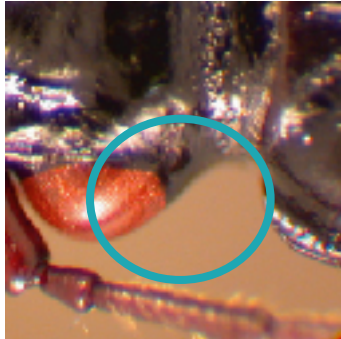


Web appendix 1. Characters 30 and 31

Diplous sibiricus caligatus



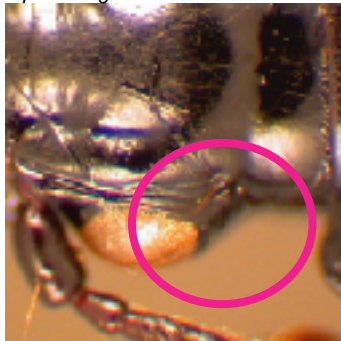
30 Temporae curvature
0 = straight

Diplous aterrimus



31 Mandible color
0 = black with heavy
red tint

Diplous rugicollis



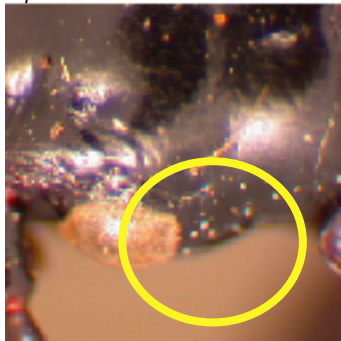
30 Temporae curvature
1 = slightly convex

Diplous californicus



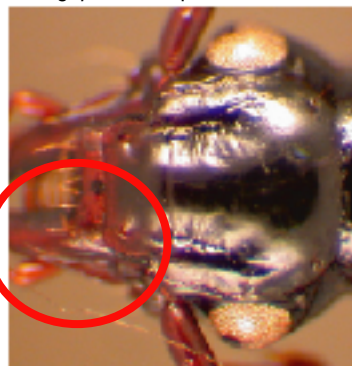
31 Mandible color
1 = black with light
red tint

Diplous californicus



30 Temporae curvature
2 = very convex

Qiangopatrobis sp.



31 Mandible color
2 = red with black
tint