

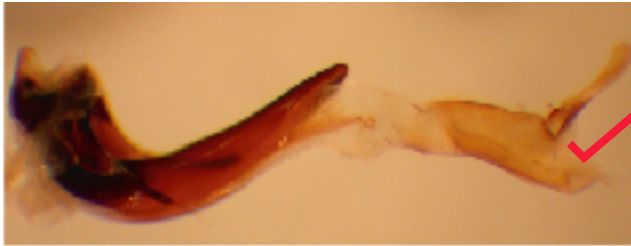
Web appendix 11. Characters 59 to 61

*Diplous californicus*



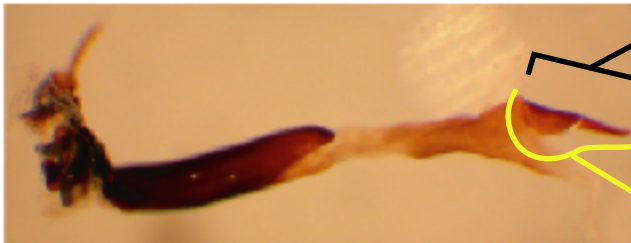
**59 Apical copulatory piece length**  
 2 = endophallic sac approx. equal in length to acp

*Diplous filicornis*



**59 Apical copulatory piece length**  
 1 = endophallic sac 1.25X the size of acp

*Diplous rugicollis*

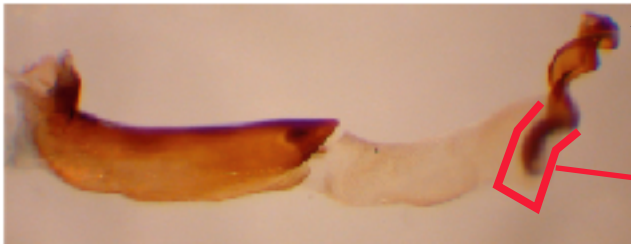


**59 Apical copulatory piece length**  
 0 = endophallic sac twice the size of acp

**61 Apical copulatory piece distal portion I**  
 1 = distal projection

**60 Apical copulatory piece basal shape**  
 1 = pear-shaped basal piece

*Diplous sibiricus caligatus*



**61 Apical copulatory piece distal portion I**  
 0 = no distal projection

**60 Apical copulatory piece basal shape**  
 0 = flat basal piece