



Identification

Cochliomyia hominivorax vs *Cochliomyia macellaria*

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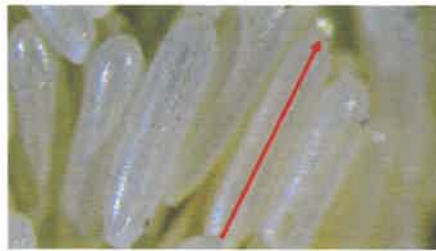
1

Eggs

Cochliomyia hominivorax



organized arrangement



Complete longitudinal suture



Eggs

Cochliomyia macellaria



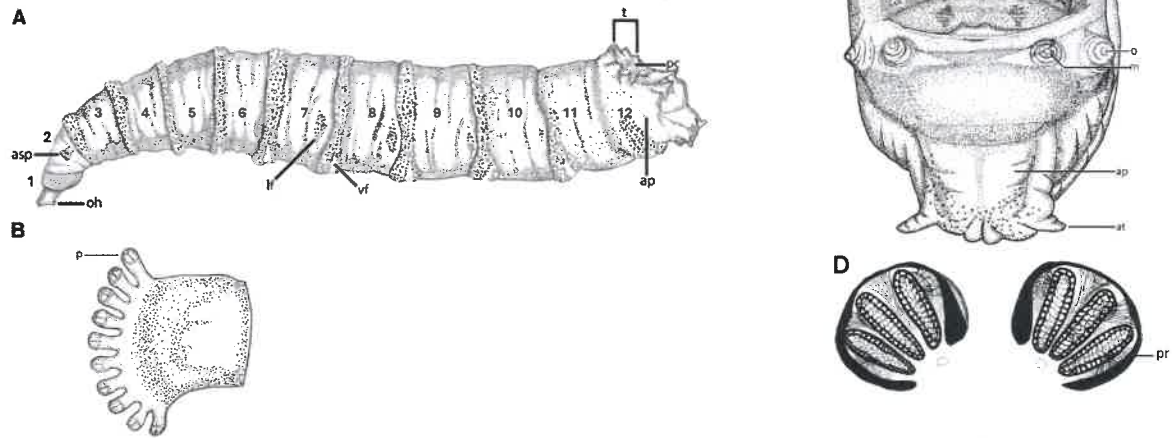
disorganized arrangement



Incomplete longitudinal suture – 80%

2

Morphology of a third instar larvae Lateral View

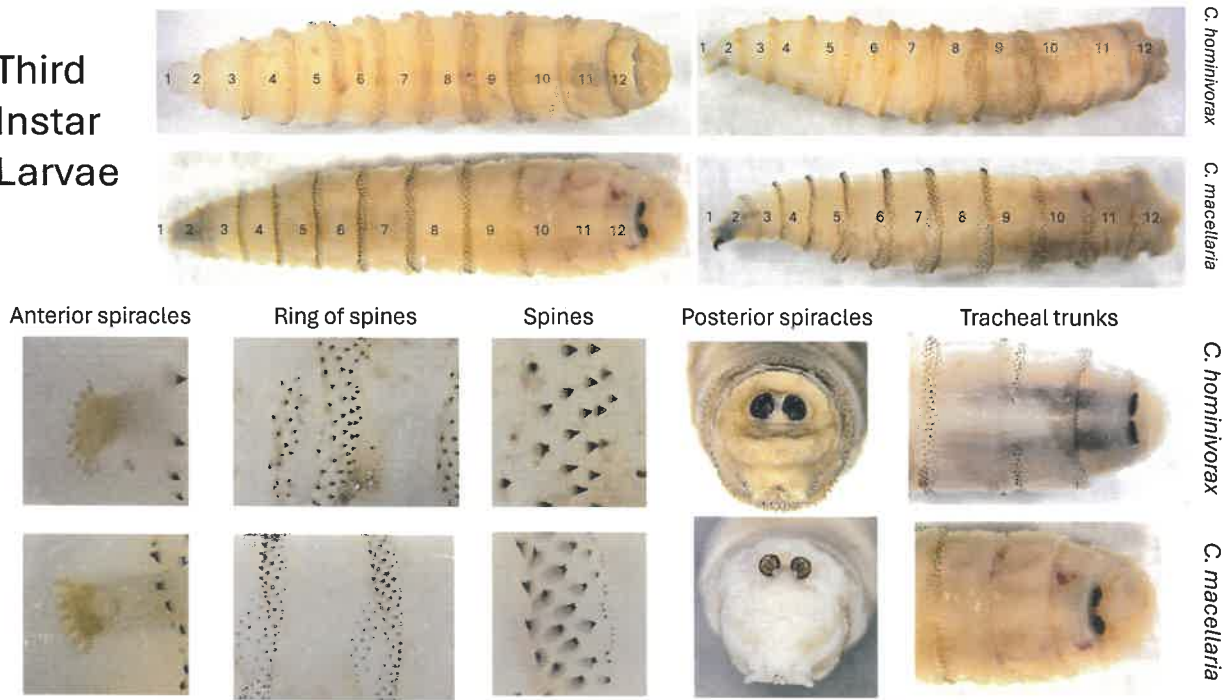


General morphology of mature third-instar larva (A) Lateral view. ap, anal protuberance; asp, anterior spiracle; lf, lateral fusiform area; oh, oral hooks; pc, posterior cavity; t, tubercles on last segment; vf, ventral fusiform area (B) Anterior spiracle. p, papillae; (C) Posterior view of the last abdominal segment of third-instar larva. ap, anal protuberance; at, anal tubercles; ba, button area; i, m, and o, inner, median, and outer tubercles, respectively, in upper and lower margins of the posterior cavity (inner pair in the lower margin is absent); ps, posterior spiracular plate. (D) Posterior spiracular plate; pr, peritreme.

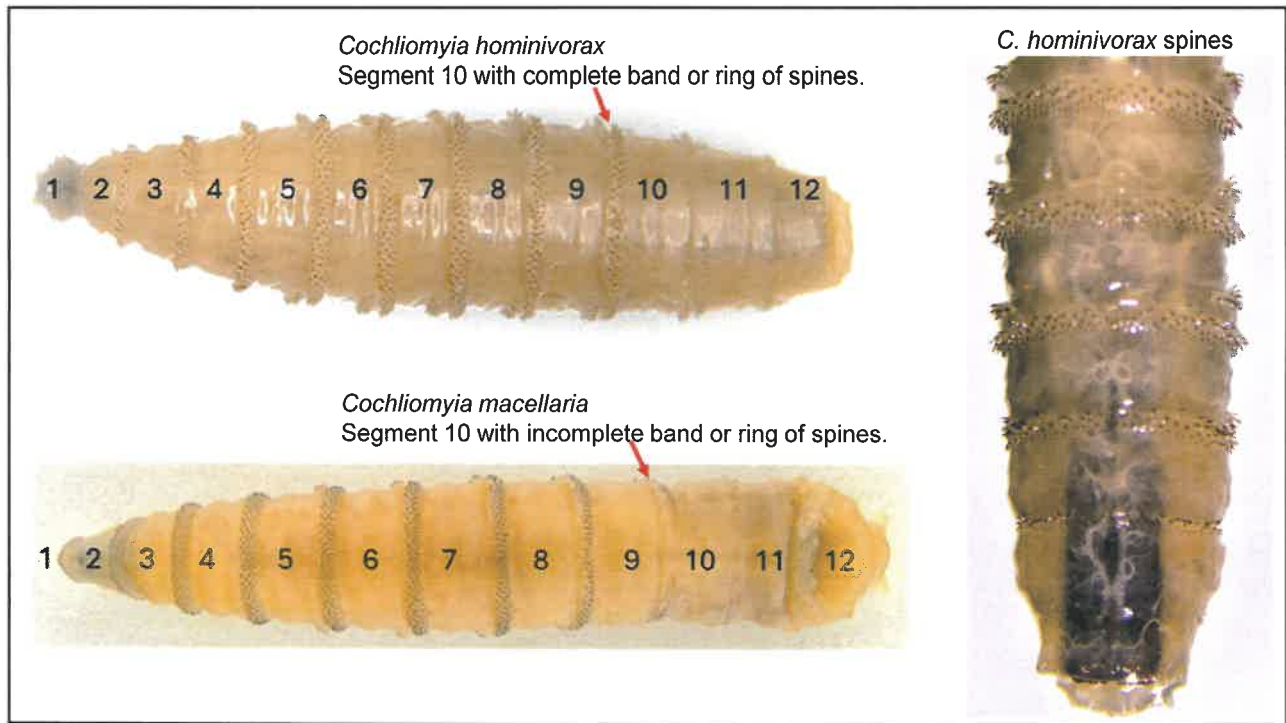
Yusseff-Vanegas, 2014

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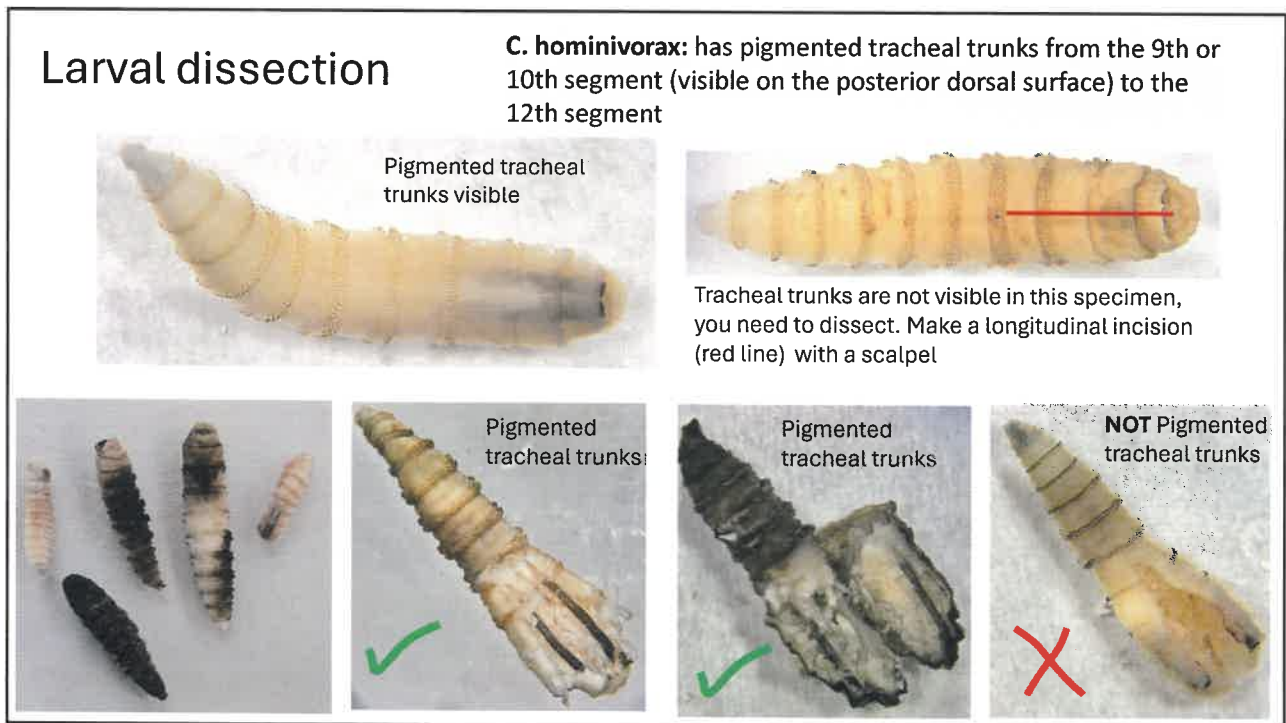
Third Instar Larvae



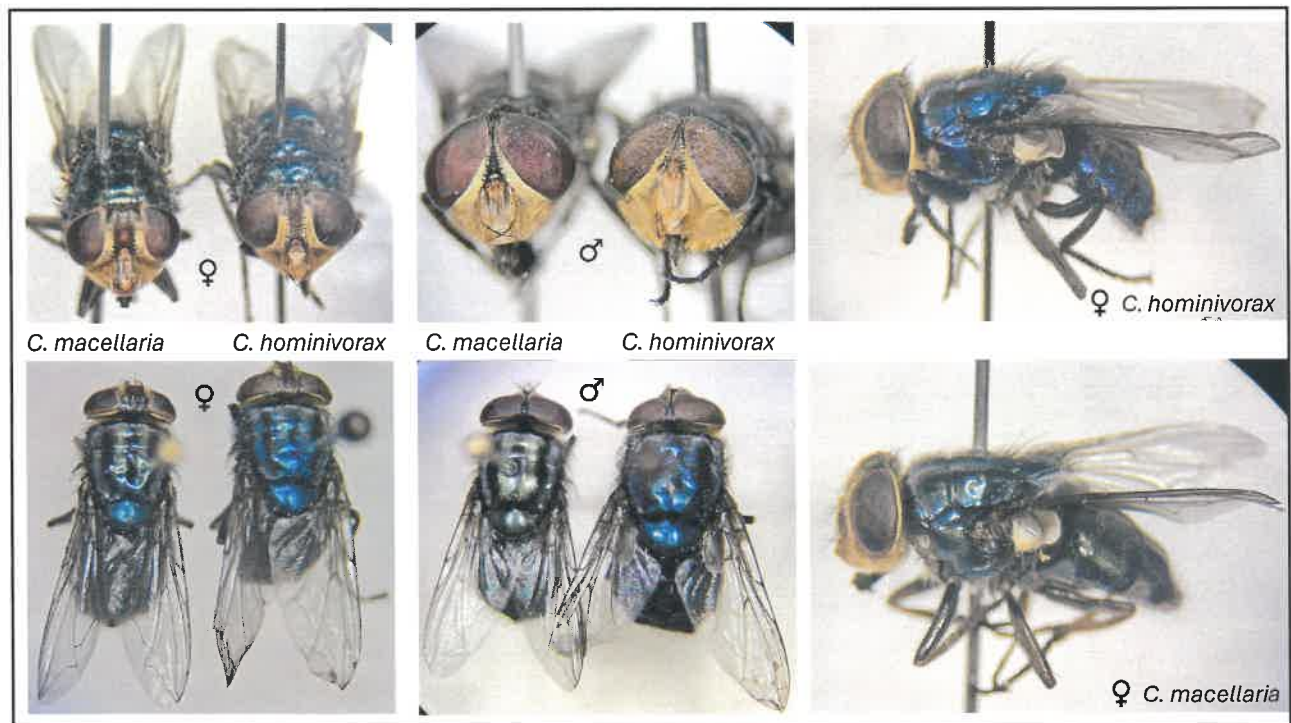
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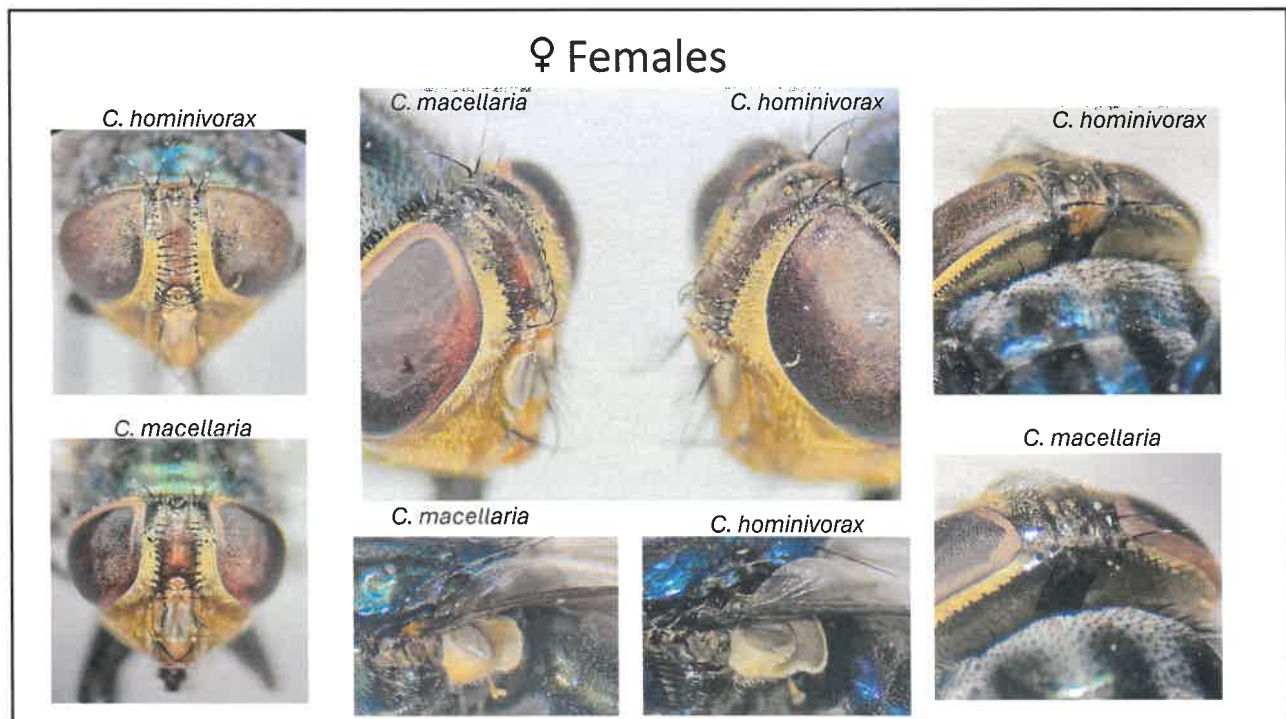
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6



7



8

Adult ventral view

♀ *C. macellaria*

C. hominivorax



♂ *C. macellaria*

C. hominivorax

