

Provisional key to the British *Aulagomyza* species

1. Apex of wing lies between veins R_{4+5} and M_{1+2} 2
 - Apex of wing at vein M_{1+2} 12
2. Orbital setulae totally absent.....3
 - Orbital setulae present [inc. minute or scarce].....7
3. Scutellum yellow centrally [even if extremely faint].....4
 - Scutellum uniformly dark [grey or black].....5
4. Third antennal segment and palps yellow, mesonotum with three longitudinal stripes [orbital setulae infrequently present but always minute].....*Aulagomyza trivittata*
 - Third antennal segment [may be slightly yellowish at its base] and palps black, mesonotum uniformly greyish-black.....*Aulagomyza anteposita*
5. 3 + 1 *dc*, jowls angular, proboscis normal.....6
 - 2 + 0 *dc*, jowls rounded, proboscis conspicuously lengthened*Aulagomyza orphana*
6. Frons light yellow, notopleuron yellowish, all antennal segments black..... *Aulagomyza discrepans*
 - Frons dark, notopleuron at most brownish.....*Aulagomyza lucens*
7. 3 or 2 pairs postsutural *dc*.....8
 - 5-7 *dc* pairs.....10
8. Scutellum at least yellow centrally, mesonotum solid, without longitudinal stripes.....
 -*Aulagomyza buhri* or
Aulagomyza luteoscutellata [see couplet 9]
 - Scutellum bright yellow, frons and orbits yellow, mesonotum with longitudinal stripes.....*Aulagomyza trivittata*
 - Scutellum dark.....9
9. Frons reddish, mesonotum black, weakly shining.....*Aulagomyza buhri*
 - Frons darker, blackish or dark brown, mesonotum matt greyish-black.....*Aulagomyza luteoscutellata*
10. Presutural *dc* pairs strong [twice as long as adjacent *acr*], all knees bright yellow.....
 -*Aulagomyza similis*
 - Presutural *dc* pairs only slightly longer than adjacent *acr*, at most fore knee yellow.....11
11. Fore knee yellow.....*Aulagomyza hendeliana*
 - Legs all black.....*Aulagomyza cornigera*
12. Scutellum entirely dark, black or grey.....*Aulagomyza fulvicornis*
 - Scutellum largely yellow; frons and femora bright yellow.....13
13. Second cross-vein present [even if present only on one wing]*Aulagomyza heringii*
 - Second cross-vein absent.....14
14. Mesonotum with 3 rusty-reddish longitudinal bands, otherwise entire imago mostly all yellow15
 - Mesonotum black or with 3 black bands.....16
15. Occiput yellow [third antennal segment darkened in female].....*Aulagomyza heringii*
 - Occiput dark.....*Aulagomyza populicola*
16. Mesonotum with dark area solid, shining black, narrowly yellow adjoining scutellum and at hind corners, all setae yellow.....*Aulagomyza tremulae*
 - Mesonotum with dark area divided into bands, setae dark.....17
17. Scutellum and mesopleura entirely yellow, mesonotum matt grey, with 3 distinct bands.....*Aulagomyza tridentata*
 - Scutellum at least narrowly dark outside basal scutellars, mesopleura faintly grey on lower margin or more conspicuously blackish-grey, mesonotum matt grey or darker, black but distinctly divided into bands.....*Aulagomyza populi*