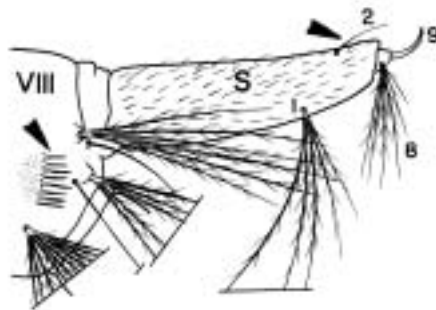
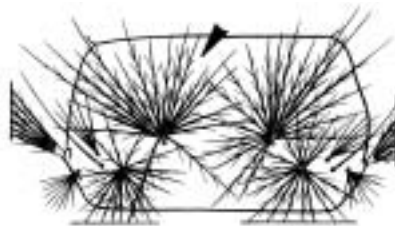
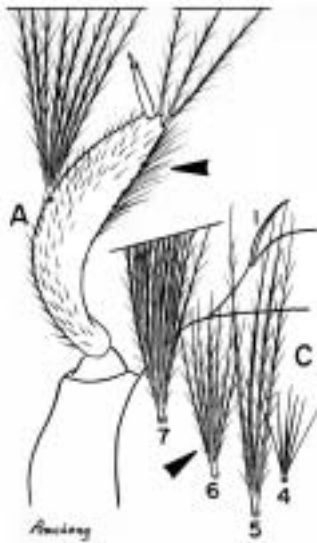


KEY TO THE SPECIES OF *AEDEOMYIA* SUBGENUS *AEDEOMYIA*  
FOURTH-INSTAR LARVAE

Characters: Ventral brush (seta 4-X) with 3 or more pairs of setae; setae 1-S represented by single pair of setae; arising beyond basal 0.33 of siphon; antenna enlarged, markedly curved and flattened; tip of siphon with paired hooklike seta 9-S and branched seta 8-S



1. Apical 0.5 of antenna with row of fine setae mesally
2. Seta 6-C shorter than setae 5,7-C
3. Abdominal setae plumose, slightly fimbriated or simple
4. Comb with fewer than 19 scales
5. Seta 2-S single, inserted beyond middle of siphon



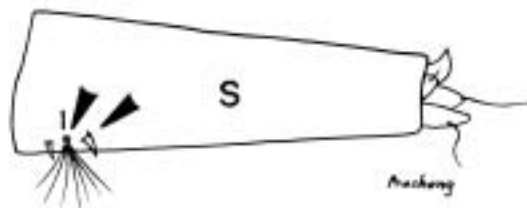
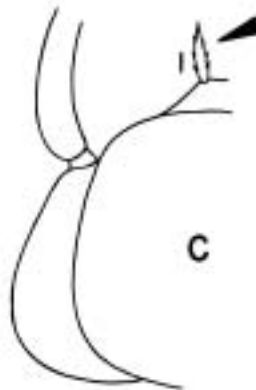
*Ad. catasticta*

KEY TO THE SPECIES OF *FICALBIA*  
FOURTH-INSTAR LARVAE

Characters: Ventral brush (seta 4-X) with 3 or more pairs of setae; siphon with pecten; seta 1-S represented by single pair of setae



1. Seta 1-C stout, spinulate
2. Pecten with no more than 2 spines
3. Seta 1-S inserted near base of siphon



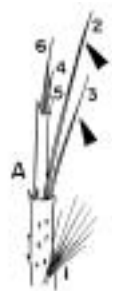
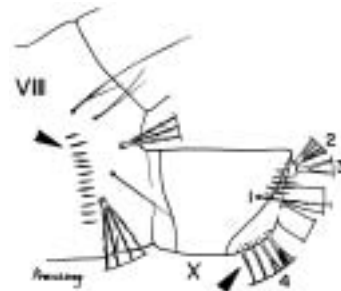
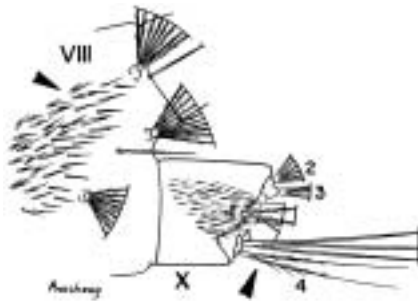
*Fi. minima*

KEY TO THE SPECIES OF *MIMOMYIA*  
FOURTH-INSTAR LARVAE

Characters: Ventral brush (seta 4-X) with 2 or more pairs of setae; seta 1-S represented by single pair of setae; siphon with or without pecten; distal part of antenna with joint, and freely movable

1. Ventral brush (seta 4-X) with 2 pairs of setae
2. Comb scales arranged in patch
3. Setae 2,3-A branched

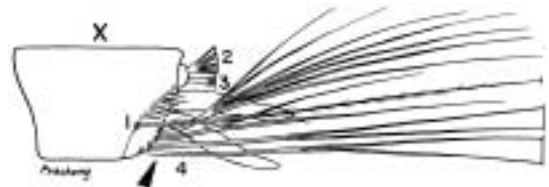
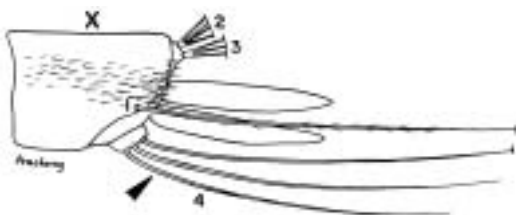
1. Ventral brush (seta 4-X) with more than 2 pairs of setae
2. Comb scales arranged in 1 or 2 rows
3. Setae 2,3-A single



Subgenus *Ingramia*  
*Mi. fusca*

Ventral brush (seta 4-X) with at most 3 pairs of setae

Ventral brush (seta 4-X) with 4 pairs of setae



Subgenus *Etorleptomyia*

Subgenus *Mimomyia*

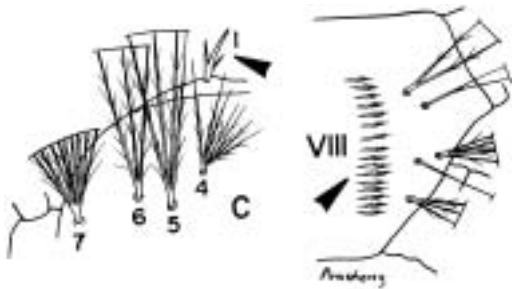
↳ To PLATE 4 (Above)

↳ To PLATE 4 (Below)

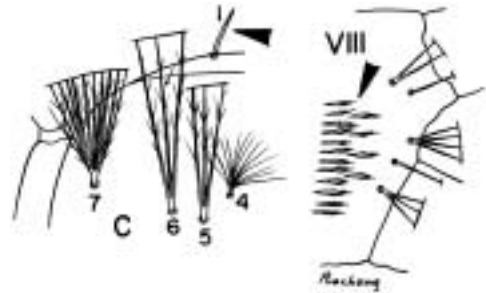
From PLATE 3: Ventral brush (seta 4-X) with at most 3 pairs of setae

1. Seta 1-C with strong barbs at base
2. Comb scales arranged in single row

1. Seta 1-C simple
2. Comb scales arranged in double row



*Mi. luzonensis*

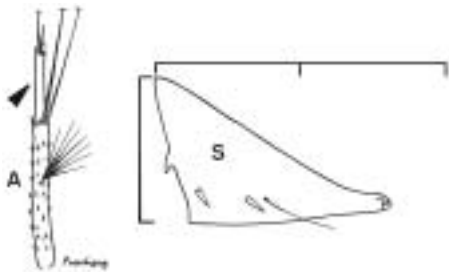


*Mi. elegans*

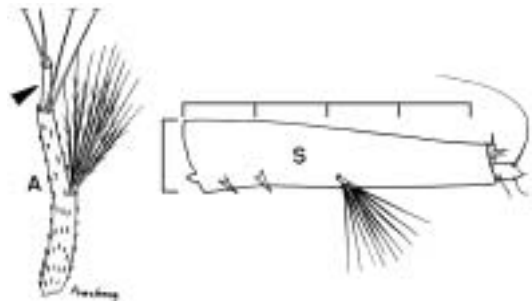
From PLATE 3: Ventral brush (seta 4-X) with 4 pairs of setae

1. Antenna with distal part long, approximately 0.5 length of proximal part
2. Siphon short, less than 2 times width at base

1. Antenna with distal part short, less than 0.5 length of proximal part
2. Siphon long, more than 4 times width at base



*Mi. hybrida*



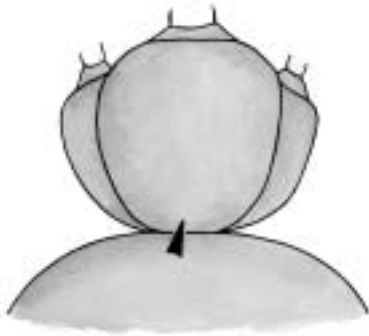
➔ To PLATE 5

PLATE 5

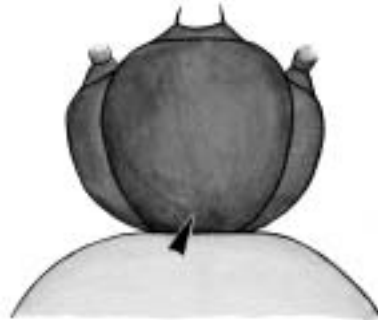
From PLATE 4: Antenna with distal part short, less than 0.5 length of proximal part; siphon long, more than 4 times width at base

Head pale, not much darker than body

Head very dark, strongly contrasting

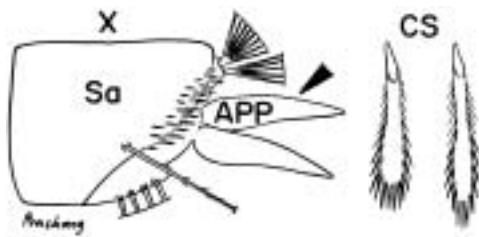


*Mi. aurea*

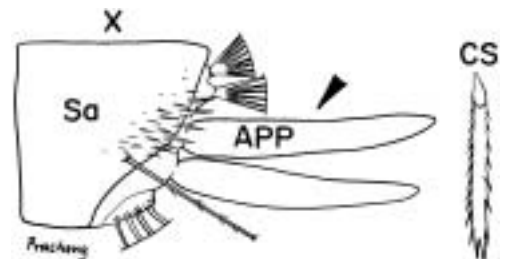


1. Anal papillae shorter than saddle
2. Comb scales broader at tip

1. Anal papillae longer than saddle
2. Comb scales not broader at tip



*Mi. chamberlaini*



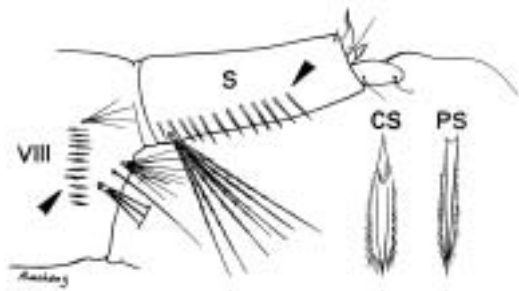
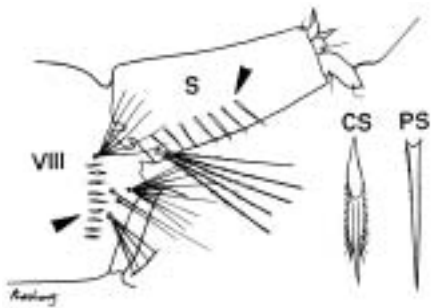
*Mi. chamberlaini metallica*

KEY TO THE SPECIES OF *HODGESIA*  
FOURTH-INSTAR LARVAE

Characters: Siphon with 3 or more pecten spines; seta 1-S arising near base of siphon; seta 1-C slender, simple

- 1. Comb scales spinelike with pointed apex, fringe at sides
- 2. Pecten with fewer than 9 spines, simple or fringed at sides on basal 0.33

- 1. Comb scales evenly fringed at sides and apex
- 2. Pecten with 9 or more spines, evenly fringed on both sides to apex, 2 or 3 distal spines simple on sides and apex



*Ho. bailyi*

Comb scales with median apical spine similar to lateral spines

Comb scales with median apical spine slightly longer than lateral spines



*Ho. malayi*



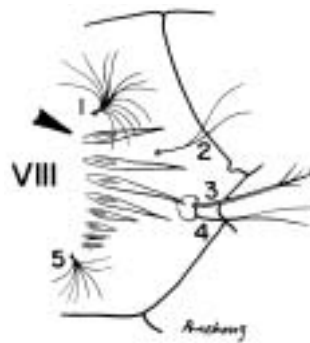
*Ho. lampangensis*

KEY TO THE SPECIES OF *COQUILLETTIDIA* SUBGENUS *COQUILLETTIDIA*  
FOURTH-INSTAR LARVAE

Characters: Siphon without pecten, sclerotized saw-toothed process at tip, modified for piercing plant tissues; antenna with part distal to setae 2,3-A flexible, as long as or longer than proximal part

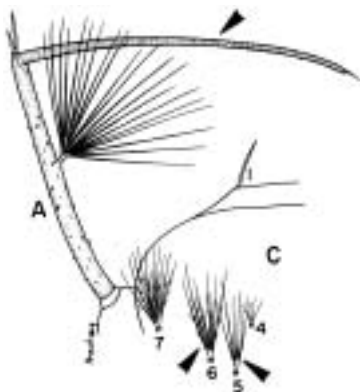


*Cq. ochracea*

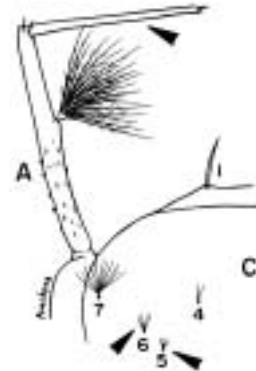


1. Antenna with distal part longer than proximal part
2. Setae 5,6-C long with aciculate branches, seta 7-C extending beyond the base of antenna

1. Antenna with distal portion shorter than proximal part
2. Setae 5,6-C small without aciculate branches, seta 7-C not reaching the base of antenna



*Cq. crassipes*



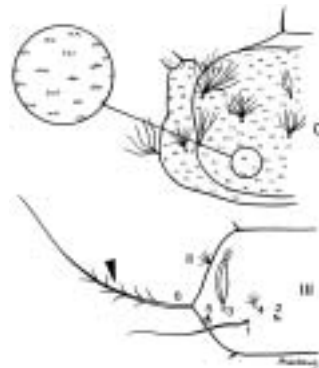
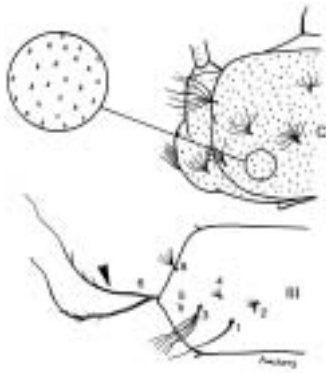
*Cq. nigrosignata* and *Cq. novochracea*

KEY TO THE SPECIES OF *MANSONIA* SUBGENUS *MANSONIOIDES*  
FOURTH-INSTAR LARVAE

Characters: Siphon without pecten, sclerotized saw-toothed process at tip, modified for piercing plant tissues; antenna with part distal to setae 2,3-A inflexible, less than 0.5 length of proximal part

- 1. Dorsum of head covered with individual spicules
- 2. Seta 6-III-V double

- 1. Dorsum of head covered with rows of 3-5 spicules
- 2. Seta 6-III-V single



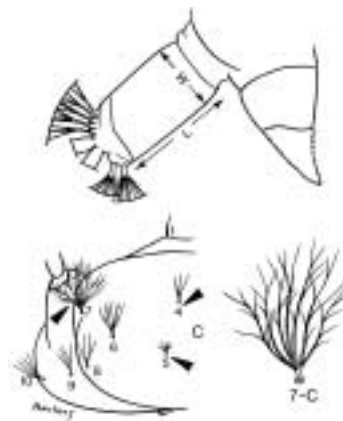
➔ To PLATE 9

- 1. Saddle longer than 2 times width at base
- 2. Seta 7-C with 1-4 sparsely aciculate branches
- 3. Seta 4-C much smaller than 5-7-C

- 1. Saddle shorter than 2 times width at base
- 2. Seta 7-C with 4 or more densely aciculate branches
- 3. Seta 5-C much smaller than 4-C and 6-C



*Ma. bonneae*



*Ma. dives*

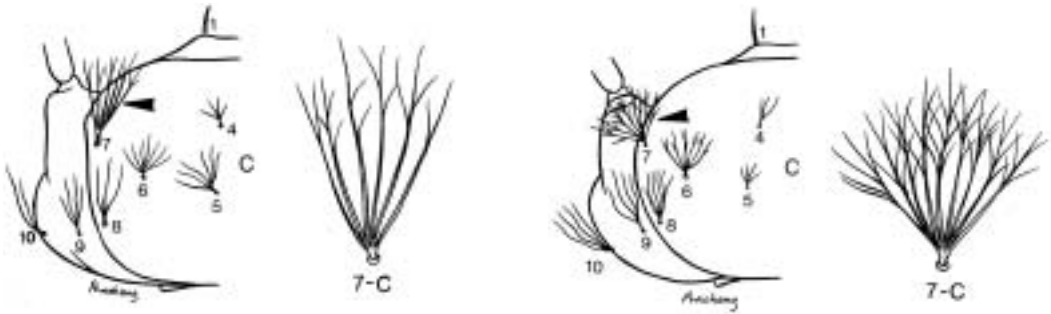


PLATE 9

From PLATE 8: Dorsum of head covered with rows of 3-5 spicules; seta 6-III-V single

Seta 7-C with simple branches or inapparent sparse aciculate branches

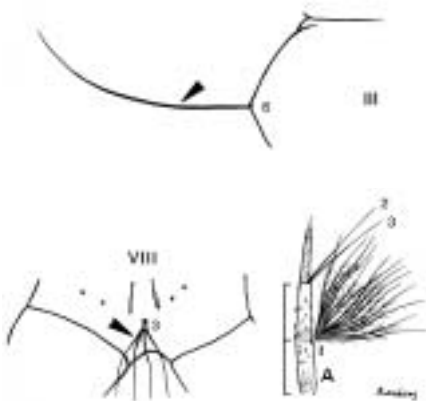
Seta 7-C with aciculate dendritic branches



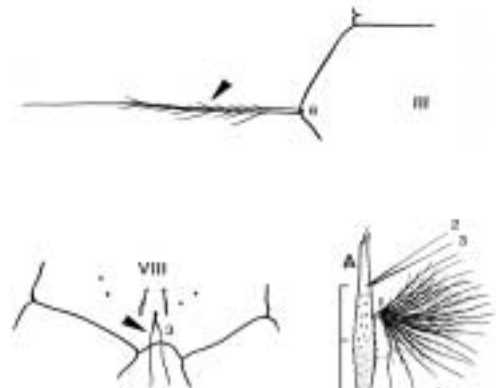
➤ To PLATE 10

1. Seta 6-III-V simple
2. Seta 3-VIII with 3 or more branches
3. Seta 1-A inserted halfway between antenna base and setae 2,3-A

1. Seta 6-III-V aciculate
2. Seta 3-VIII double
3. Seta 1-A inserted beyond midpoint between antenna base and setae 2,3-A



*Ma. annulifera*

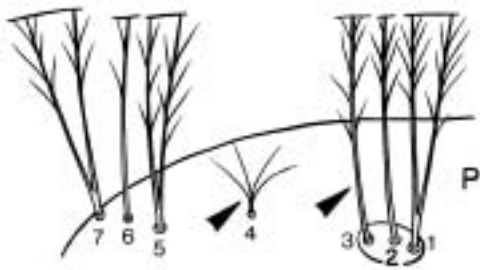


*Ma. annulata*

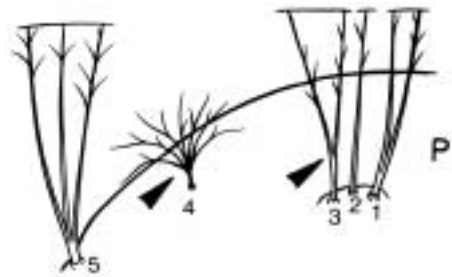
From PLATE 9: Seta 7-C with aciculate dendritic branches

- 1. Seta 3-P single
- 2. Seta 4-P with 3 or 4 simple branches

- 1. Seta 3-P branched
- 2. Seta 4-P with 6-8 aciculate branches



*Ma. uniformis*



*Ma. indiana*