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**Entomologica Americana.**

[Lawrence, Kan., etc.]New York Entomological Society [etc.]

<http://www.biodiversitylibrary.org/bibliography/9429>

**v. 5 1889:** <http://www.biodiversitylibrary.org/item/42392>

Article/Chapter Title: 858

Author(s): Ashmead, 1989

Subject(s): A generic synopsis of the Bythoscopidae

Page(s): Page 125, Page 126

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# ENTOMOLOGICA AMERICANA

VOL. V.

BROOKLYN, JULY, 1889.

NO. 7.

## A GENERIC SYNOPSIS OF THE BYTHOSCOPIDÆ.

By Wm. H. Ashmead.

### FAMILY V. BYTHOSCOPIDÆ.

Head as wide or wider than the thorax, when narrower very thin antero-posteriorly with a sharp superior margin; the frons in the former case obtuse or slightly convex, in the latter, flattened. Ocelli 2, situated on the frons between the antennæ. Antennæ setiform, 3-jointed, the basal joints short, thick, placed in cavities. Thorax well developed, wider than long, or else hexagonal, slightly convexly rounded, punctate, or with delicate striations. Scutellum rather large, triangular. Elytra subopaque, seldom entirely translucent. Tegulæ present. Posterior coxæ contiguous. Tibiæ prismatic, the hind edges of posterior pair most frequently armed with a double row of numerous strong spines or else with small denticulations or fine ciliæ. Tarsi 3-jointed.

This family is of rather small extent and represented by but comparatively few genera; in it I have included, as subfamilies, the genera *Æthalion* Latreille, and *Eurymela* Burmeister, the position of which has been the subject of considerable controversy with systematists.

The former, seems to be closely allied to the *Membracidæ* where Stål placed it; the latter, to the *Jassidæ*, but their general facies and the position of the ocelli are Bythoscopid, and I believe they belong in this group.

The following table will enable one to recognize these subfamilies:

#### SUBFAMILIES.

Head transverse, antero-posteriorly very thin, much narrower than the thorax; frons flat, upper margin sharp; thorax hexagonal, the sides usually sinuate. . . . .

#### SUBFAMILY I. ÆTHALIONINÆ.

Head broadly transverse, antero-posteriorly rarely very thin, as broad or broader than the thorax; frons usually convex, upper margin rounded; thorax transverse quadrate or somewhat trapezoidal, sides not sinuate.

\*Posterior tibiæ usually not strongly spined, at the most with two or three spines, or else with a double row of weak spines or ciliæ . . . . .

SUBFAMILY II. EURYMELINÆ.

\*\*Posterior tibiæ always with a double row of strong spines . . . . .

SUBFAMILY III. BYTHOSCOPINÆ.

SUBFAMILY I. ÆTHALIONINÆ.

TABLE OF GENERA.

- Head deeply emarginated . . . . . G. 1. *Schizia* Spinola  
 Head not or but slightly emarginated.  
 Costal area with 3 to 5 transverse veins, none forked . . . G. 2. *Æthalion* Latreille  
 Costal area with 9 transverse veins, the 2nd forked; outer edge of posterior tibiæ with numerous small denticulations . . . . . G. 3. *Polydontoscelis* n. g.\*

SUBFAMILY II. EURYMELINÆ.

TABLE OF GENERA.

- Posterior tibiæ with not more than 2 or 3 spines . . . . . G. 1. *Eurymela* Burm.  
 Posterior tibiæ with a double row of very weak spines . . . . .  
 G. 2. *Eurymeloides* n. g.

SUBFAMILY III. BYTHOSCOPINÆ.

TABLE OF GENERA.

- Antennæ inserted in feeble cavities . . . . . 2  
 Antennæ inserted in deep cavities beneath a ledge.  
 Thorax with transverse striations.  
 Lateral margins of thorax sharply keeled, of moderate length . . . . .  
 G. 1. *Macropsis* Lewis  
 Lateral margins of thorax not sharply keeled, very short . . . . .  
 G. 2. *Bythoscopus* Germ.  
 Thorax with oblique striations . . . . . G. 3. *Pediopsis* Germ.  
 2 Head including the eyes wider than the elytra at base.  
 Membrane with an appendage . . . . . G. 4. *Idiocerus* Lewis  
 Membrane without an appendage . . . . . G. 5. *Pachyopsis* Uhler  
 Head including the eyes not wider than the elytra at base.  
 Membrane without an appendage . . . . . G. 6. *Agallia* Curtis

\* A new genus discovered in Florida.