

## ZETHUS AZTECUS IN FLORIDA.

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*ZETHUS AZTECUS*, Saussure (Syn. *Z. Poeyi*, Sauss. and *Z. Slossonæ*, F.)

The male differs little from the female in colour (specimens from Indian River, Fla., Dr. Wittfeld); the described differences being all variations. The male clypeus is often black at base and in middle.

Saussure's description of *Z. aztecus* says, "fronte transversim in lineam elevato." Hence Fox's character of difference for *Z. Slossonæ* is incorrect, and the new name yields to *Z. aztecus*, Sauss.

*Z. aztecus*, having abdomen black, differs in this (and not in lacking a ridge above antennæ) from *Z. Slossonæ*, Fox.

*Z. Poeyi*, having abdomen red, agrees in this with *Z. Slossonæ*. The teeth of clypeus are variable.

The spiral antennal tip of *Poeyi* is not sufficiently invariable to hold this species distinct from *aztecus*; and the length of pedicle of second segment is variable in appearance. The colour (also variable) does not differ from *Slossonæ* to *Poeyi*. Hence I unite *Poeyi* to *aztecus* and add *Slossonæ* as a synonym. Occurs in Mexico, Cuba and Florida.

In *Zethus* four divisions are named in Saussure's "Synopsis":

*Zethus*, Sauss., second abdominal segment subsessile.

*Heros*, Sauss., clypeus lozenge-shaped, forming on each side an angle.

*Zethusculus*, Sauss., pedicle of second segment not more than one-fourth length of segment.

*Didymogaster*, Perty, pedicle of second segment at least one-fourth length of segment.

None of these divisions appear to be sufficiently distinct to be worthy of mention, even as sections. The length of pedicle of second segment is variable in the same species; hence, *aztecus* was placed in *Zethusculus* and *Poeyi* in *Didymogaster*.

*Discaëlius* is a synonym of *Zethus*.