

University of Nebraska - Lincoln

DigitalCommons@University of Nebraska - Lincoln

---

Insecta Mundi

Center for Systematic Entomology, Gainesville,  
Florida

---

September 2001

## First records of the Neotropic genus *Dilopharius* Townes (Hymenoptera: Ichneumonidae: Ichneumoninae) in Florida

Charles C. Porter

Florida State Collection of Arthropods, Florida Department of Agriculture and Consumer Services,  
Gainesville, FL

Follow this and additional works at: <https://digitalcommons.unl.edu/insectamundi>



Part of the [Entomology Commons](#)

---

Porter, Charles C., "First records of the Neotropic genus *Dilopharius* Townes (Hymenoptera: Ichneumonidae: Ichneumoninae) in Florida" (2001). *Insecta Mundi*. 194.  
<https://digitalcommons.unl.edu/insectamundi/194>

This Article is brought to you for free and open access by the Center for Systematic Entomology, Gainesville, Florida at DigitalCommons@University of Nebraska - Lincoln. It has been accepted for inclusion in Insecta Mundi by an authorized administrator of DigitalCommons@University of Nebraska - Lincoln.

## First records of the Neotropic genus *Dilopharius* Townes (Hymenoptera: Ichneumonidae: Ichneumoninae) in Florida

*Dilopharius* Townes (1966) ranges from the southern United States to Argentina. Its only described species is *D. otomitus* (Cresson 1868), previously known from Mexico and south Texas, but now recorded for the first time from Florida.

This is a medium sized ichneumonid (fore wing 5-10 mm long) recognizable as follows: mandible broad, lower tooth a little shorter than upper; occipital carina joins base of mandible; scutellum nearly flat, with a strong, percurrent lateral carina; propodeum with broadly triangular apico-lateral crests; female gaster short and broad; second tergite with coarse punctures, thyridia broad, space between them not much greater than width of 1 thyridium; black with a white band on flagellum and profuse white marks on head and mesosoma, female gaster orange red, often with black and white markings on tergites 1-3, in male extensively black and white on tergites 1-4.

**Material Examined.** 29 females, 12 males. FLORIDA. Alachua Co., Gainesville; Clay Co. Goldhead Branch St. Pk.; Nassau Co., Fort Clinch St. Pk.; Suwannee Co., Suwannee River St. Pk. In Florida State Collection of Arthropods (FSCA).

**Variation.** Females from Mexico and Texas have the gaster almost uniformly fulvo-ferruginous; in Florida females tergites 1-3 are white on base and apex and in between are more or less extensively blackish with limited red staining.

**Habitat.** This species occurs in well shaded, mature hardwood forest. Only 1 specimen was taken by hand net; the other 40 were caught in Malaise Traps.

**Phaenology.** Like most Florida ichneumonids, *D. otomitus* peaks in spring, with 12 records in III; 5 in

IV; 9 in V; 5 in VI; 5 in VII; 1 in IX; 1 in X; and 3 in XII.

**Biogeography.** This conspicuous species was unknown in Florida until 1996, although Heinrich collected for years in the state (1977). Are Florida populations disjunct (*cf.* the colubrid snake genus *Drymarchon*)? Does the species occur on the Gulf Coast between Florida and Texas? Further collecting, especially with Malaise traps, is needed to answer these questions.

### Acknowledgments

Drs. Lionel Stange and Mike Thomas provided access to the FSCA and help in the field. The Florida Department of Recreation and Parks issued collecting permits.

### Literature cited

- Cresson, E.T.** 1868. Catalogue of a collection of Hymenoptera made by Prof. F. Sumichrast near Cordova, Mexico. Trans. Amer. Ent. Soc. 2: 1-38.
- Heinrich, G.H.** 1977. Arthropods of Florida and Neighboring Areas. Vol. 9. Ichneumoninae of Florida and neighboring States. 350 pp.
- Townes, H. K.** 1966. A catalogue and reclassification of the Neotropic Ichneumonidae. Mem. Amer. Ent. Inst. 8. 367 pp.
- **Charles C. Porter, Florida State Collection of Arthropods, P.O. Box 147100, Gainesville, Florida 32614-7100**