

## Some new records of hymenopterous parasitoids for Florida

## FAMILY APHELINIDAE

***Centrodora tomaspidis* (Howard)**

USA, Florida, Dade Co., Homestead, 8-MAR-2000, Lynn Howerton, coll., found with *Epidiaspis tillandsiae* Takagi and Tippins on *Tillandsia filifolia* Schlecht. and Cham. This species was described from eggs of *Tomaspis varia* in Trinidad. This collection represents a new country record for this species. The actual host for this parasite is probably a homopteran egg found on the plant.

***Coccophagus bivittatus* Compere**

USA, Florida, Hillsborough Co., Seffner, 9-APR-2001, Lynda Wilson, coll., *Toumeyella liriodendri* on *Magnolia grandiflora* L. 'Little Gem'. This collection represents a new host and state record for Florida for this South African species.

***Encarsia bicolor* (Timberlake)**

USA, Florida, Port Orange, 19-APR-1999, Ray Jarrett, coll., *Diaspis boisduvali* on *Heliconia latispatha*. This species was described from *Aspidiotus cydoniae* (= *Hemiberlesia lataniae*) from Hawaii. This collection represents a new state and continental record for this species.

## FAMILY APHIDIIDAE

***Aphidius floridaensis* Smith**

USA, Florida, Indian River Co., Indian River Shores, 16-JAN-2001, Ken Hibbard, coll., ex. aphid. This collection represents a new county record for this species previously known only from the type series described from Gainesville, Florida.

## FAMILY CHARIPIDAE

***Phaenoglyphis villosa* (Hartig)**

USA, Florida, Indian River Co., Indian River Shores, 16-JAN-2001, Ken Hibbard, coll., *Uroleucon nearpaucosensoriatum* on *Iva* sp. This collection represents a new state record for this species. This family are known to be hyperparasitoids.

## FAMILY ENCYRTIDAE

***Anagyrus loeckii* Noyes and Menezes**

USA, Florida, Orange Co., Apopka, 17-MAY-2000, Lance Osborne, coll., ex. *Phenacoccus madeirensis* Green (Pseudococcidae). This collection represents a new country record for this species described from

Costa Rica. I have also reared it from papaya mealybug, *Paracoccus marginatus*, in Florida.

## FAMILY EULOPHIDAE

***Entedononecremnus krauteri* Zolnerowich & Rose**

USA, Florida, Orange Co., Longwood, 4-JUN-2000, Amanda Melco, coll., *Aleurodicus dugesii* on *Hibiscus rosasinensis*. This species was described from this whitefly species in Texas and introduced into Florida. This collection represents a recovery of the parasitoid which has established well in Florida.

***Tamarixia radiata* (Waterston)**

USA, Florida, Hendry Co., La Belle, 9-APR-2001, Lori McKay, coll., suction trap. This species was introduced as a biological control of the citrus psyllid, *Diaphorina citri*. This recovery confirms its establishment in Florida.

## FAMILY PLATYGASTERIDAE

***Amitus fuscipennis* MacGown and Nebeker**

USA, Florida, Dade Co., Homestead, 17-JAN-2001, ex. *Trialeurodes vaporariorum*. This collection represent a new state record for this parasitoid species commonly reared from this whitefly in several neotropical countries.

## FAMILY TORYMIDAE

***Podagrion oon* Grissell and Goodpasture**

USA, Florida, Hillsborough Co., Lutz, 15-FEB-2001, Ralph Muekeley, coll., ex. mantid egg case on *Ilex cassine*.

## FAMILY TRICHOGRAMMATIDAE

***Paracentrobia punctata* Howard**

USA, Florida, Orange Co., Orlando, 12-APR-2000, Susan Halbert, coll., *Saccharosydne sacchivora* (Westwood) (Delphacidae) egg on *Andropogon* sp.. This collection represents a new country record for this species described from Grenada.

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