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Some new records of hymenopterous parasitoids for Florida

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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 ENCARTIDAE

Anagrus loecki 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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