

New host records of chewing lice (Mallophaga) on birds in Florida II

This is a continuation of Holt (2004). Methods and sources of specimens are as reported in that paper. Representatives of all records below are deposited in the Florida State Collection of Arthropods and/or the author's collection.

Menoponidae

- Austromenopon atrofulvum* (Piaget) – collected from *Sterna forsteri* (Forster's Tern) in Monroe County, February 20, 2004 (Coll. K. Grinter). **This is a new Florida host record.** This host was not listed by Forrester & Spalding (2003) but was reported from Common Terns, Royal Terns, Sandwich and Sooty Terns in Florida (Price et al. 2003) and (Emerson 1972).
- Austromenopon sachtlebeni* Timmerman – collected from *Catoptrophorus semipalmatus* (Willet) in Monroe County, September 16, 2003 (Coll. K. Grinter).
- Austromenopon transversum* Denny – collected from *Rissa tridactyla* (Black-legged Kittiwake) in Monroe County, January, 2004 (Coll. K. Grinter). **This is a new Florida host record.** This host was not listed by Forrester & Spalding (2003) but was reported from Laughing, Ring-billed, and Herring Gulls in Florida (Price et al. 2003) and (Emerson 1972).
- Colpocephalum napiforme* Rudow – collected from *Buteo jamaicensis* (Red-tailed Hawk) in Alachua County, 2003 (Coll. L. Straub).
- Colpocephalum occidentalis* Price – collected from *Pelecanus occidentalis* (Brown Pelican) in Monroe County, May 10, 2003 (Coll. J. A. Holt).
- Dennyus dubius* (Kellogg) – collected from *Chaetura pelagica* (Chimney Swift) in Alachua County, 2003 (Coll. L. Straub).
- Eidmanniella albescens* (Piaget) – collected from *Sula leucogaster* (Brown Booby) in Monroe County, November 8, 2003 (K. Grinter). **This is a new Florida host record.** This host was not listed by Forrester & Spalding (2003) but was reported from the Masked Booby in Florida (Price et al. 2003) and (Emerson 1972).
- Myrsidea dissimilis* (Kellogg) - collected from *Progne subis* (Purple Martin) in Monroe County, September 14, 2003 (Coll. K. Grinter).
- Kurodaia species* – collected from *Buteo platypterus* (Broad-winged Hawk) in Monroe County, 2004 (Coll. K. Grinter). **This is a new Florida host record.** This host was not listed by Forrester &

Spalding (2003) but it is a known host (Price et al. 2003) and (Emerson 1972).

Piagetiella peralis (Leidy) – collected from *Pelecanus erythrorhynchos* (American White Pelican) in Monroe County, November 28, 2002 (Coll. K. Grinter).

Philopteridae

- Carduiceps zonarius* (Nitzsch) – collected from *Calidris alba* (Sanderling) in Monroe County, July 2002 (Coll. K. Grinter).
- Columbicola columbae* (Linnaeus) – collected from *Columba livia* (Feral Rock Pigeon) in Monroe County, July 3, 2004 (Coll. J.A.Holt).
- Craspedorrhynchus species* – collected from *Buteo platypterus* (Broad-winged Hawk) in Monroe County, June 25, 2002 (Coll. K. Grinter). **This is a new U.S. host record.** This host was not listed by Forrester & Spalding (2003), Price et al. (2003), or (Emerson 1972).
- Goniodes species* – collected from *Pavo cristatus* (Common Peafowl) in Monroe County, July 3, 2004 (Coll. J.A.Holt). **This is a new Florida host record.** This host was not listed by Forrester & Spalding (2003) but it is a known host (Price et al. 2003) and (Emerson 1972).
- Halipeurus spadix* Timmerman - collected from *Puffinus lherminieri* (Audubon's Shearwater) in Monroe County, July, 2001 (Coll. K. Grinter).
- Lunaceps actophilus* (Kellogg and Chapman) – collected from *Calidris alba* (Sanderling) in Monroe County, July 2002 (Coll. K. Grinter).
- Neophilopterus heteropygus* (Nitzsch) – collected from *Mycteria Americana* (Wood Stork) in Alachua County, August 27, 2003 (Coll. L. Straub).
- Pectinopygus garbei* (Pessoa and Guimaraes) - collected from *Sula leucogaster* (Brown Booby) in Monroe County, November 8, 2003 (K. Grinter).
- Pectinopygus occidentalis* Thompson - collected from *Pelecanus occidentalis* (Brown Pelican) in Monroe County, May 10, 2003 (Coll. J. A. Holt).
- Pectinopygus tordoffi* Elbel and Emerson – collected from *Pelecanus occidentalis* (Brown Pelican) in Monroe County, May 10, 2003 (Coll. J. A. Holt). **This is a new U.S. host record.** This host was not listed by Forrester & Spalding (2003), Price et al. (2003), or Emerson (1972) but was reported from the Common White Pelican in Florida.

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- Philopterus domesticus* (Kellogg) – collected from *Progne subis* (Purple Martin) in Monroe County, September 14, 2003 (Coll. K. Grinter). **This is a new Florida host record.** This host was not listed by Forrester & Spalding (2003) but it is a known host (Price et al. 2003) and (Emerson 1972).
- Quadraceps elongatus* (Piaget) - collected from *Rynchops niger* (Black Skimmer) in Monroe County, June 24, 2002 (Coll. K. Grinter).
- Quadraceps ornatus* (Grube) – collected from *Rissa tridactyla* (Black-legged Kittiwake) in Monroe County, January, 2004 (Coll. K. Grinter). **This is a new Florida host record.** This host was not listed by Forrester & Spalding (2003) but it is a known host (Price et al. 2003) and (Emerson 1972).
- Quadraceps punctatus punctatus* (Burmeister) – collected from *Larus atricilla* (Laughing Gull) in Monroe County, May 10, 2003 (Coll. J. A. Holt).
- Rallicola minutus* (Nitzsch) – collected from *Gallinula chloropus* (Common Moorhen) in Alachua County, May 4, 2004 (Coll. J.A.Holt).
- Saemundssonina lari* (O. Fabricius) - collected from *Larus delawarensis* (Ring-billed Gull) in Monroe County, July, 2001 (Coll. K. Grinter).
- Saemundssonina lari* (O.Fabricius) - collected from *Larus atricilla* (Laughing Gull) in Monroe County, May 10, 2003 (Coll. J. A. Holt).
- Saemundssonina lari* (O.Fabricius) - collected from *Rissa tridactyla* (Black-legged Kittiwake) in Monroe County, January, 2004 (Coll. K. Grinter). **This is a new Florida host record.** This host was not listed by Forrester & Spalding (2003) but was reported from Laughing, Bonaparte's, Ring-billed, Herring, and Great Black-backed Gulls in Florida (Price et al. 2003) and (Emerson 1972).
- Saemundssonina meridiana* Timmerman – collected from *Sterna anaethetus* (Bridled tern) in Monroe County, August 18, 2003 (Coll. K. Grinter).

Saemundssonina parvigenitalis Ward – collected from *Sterna forsteri* (Forster's Tern) in Monroe County, February 20, 2004 (Coll. K. Grinter).

Strigiphilus oculatus (Rudow) – collected from *Bubo virginianus* (Great Horned Owl) in Monroe County, 2004 (Coll. K. Grinter).

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Literature Cited

- Emerson, K. C.** 1972. Checklist of the Mallophaga of North America (North of Mexico). Part IV, Bird Host List. Desert Test Center, Dugway, Utah. 216 pp.
- Forrester, Donald J. & Marilyn G. Spalding.** 2003. Parasites and Diseases of Wild Birds in Florida. University Press of Florida, Gainesville. 1132 pp.
- Holt, J. A.** 2004. New host records of chewing lice (Mallophaga) on birds in Florida. *Insecta Mundi* 16: 254.
- Price, Roger D., Ronald A. Hellenthal, Ricardo L. Palma, Kevin P. Johnson, Dale H. Clayton.** 2003. The Chewing Lice, World Checklist and Biological Overview. Illinois Natural History Survey. 501 pp.

— **J. Adam Holt, Florida State Collection of Arthropods, P.O. Box 147100, Gainesville, Florida 32614-7100**