

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.

(Continued on p. 44)

(Continued from p. 32)

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 tridaactyla* (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 tridaactyla* (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.

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