

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

Here, I report some new county and Florida host records as well as two new U.S. host records for avian lice. County records for avian lice are less significant than the host records themselves. Considering that most avian lice are host specific, the county records should resemble the area the host would most likely be encountered. The main source of material for this publication has been the Marathon Wildlife Rehabilitation Center in Marathon, Monroe County, Florida, with Kelly Grinter as the official curator and keeper. The center takes in about 90 different species of birds per year. The following is a list of the avian lice species, hosts, and localities with collection dates. All of the following specimens were collected by the author, Kelly Grinter, or Leslie Straub. Representatives of all records below are deposited in the Florida State Collection of Arthropods and/or the author's collection.

### Menoponidae

*Actornithophilus bicolor* (Piaget) – collected from *Arenaria interpres* (Ruddy Turnstone) in Monroe County, June 2002 (Coll. K. Grinter). **This is a new Florida host record.** This host was not listed by Forrester and Spalding (2003) but it is a known host (Price et al. 2003) and (Emerson 1972).

*Ciconiphilus decimfasciatus* (Boisduval and Lacordaire) – collected from *Egretta caerulea* (Little Blue Heron) in Volusia County, July 19, 2004 (Coll. L. Straub).

*Colpocephalum mycteriae* Price and Beer - collected from *Mycteria americana* (Wood Stork) in Clay County, August 27, 2003 (Coll. L. Straub).

*Kurodaia (Conciella) magna* Emerson – collected from *Strix varia* (Barred Owl) in Putnam County, July 14, 2004 (Coll. L. Straub).

*Plegadiphilus eudocimus* Tuff – collected from *Eudocimus albus* (White Ibis) in Broward and Columbia County, April 17, 2005 (Coll. J.A.Holt, L. Straub).

### Philopteridae

*Ardeicola loculator* (Giebel) - collected from *Mycteria americana* (Wood Stork) in Clay County, August 27, 2003 (Coll. L. Straub).

*Degeeriella phlyctopygus* (Nitzsch) – collected from *Buteo platypterus* (Broad-winged Hawk) in Monroe County, 2002 (Coll. K. Grinter). **This is a new U.S. host record.** This host was not listed by Forrester and Spalding (2003), Price et al. (2003), or (Emerson 1972). **(Identified to species, from 1st Publication)**

*Neophilopterus heteropygus* (Nitzsch) – collected from *Mycteria americana* (Wood Stork) in Clay County, August 27, 2003 (Coll. L. Straub). **(Correction to 2<sup>nd</sup> Publication, Clay Co. instead of Alachua Co.)**

### Acknowledgments

I dedicate this publication to my deceased grandfather, James Edward Holt, a man of great wisdom and integrity.

### Literature Cited

- Emerson, K. C.** 1972. Checklist of the Mallophaga of North America (North of Mexico). Part IV, Bird Host List. Deseret Test Center, Dugway, Utah. 216 pp.
- Forrester, Donald J. and Marilyn G. Spalding.** 2003. Parasites and Diseases of Wild Birds in Florida. University Press of Florida, Gainesville. 1132 pp.
- Holt, J.A.** 2004. New county records of chewing lice (Mallophaga) on birds in Florida. *Insecta Mundi* 16(4): 254 (2002).
- Holt, J.A.** 2004. New host records of chewing lice (Mallophaga) on birds in Florida II. *Insecta Mundi* 17(1-2): 32, 44 (2003).
- Price, R. D., R. A. Hellenthal, R. L. Palma, K. P. Johnson and D. 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**