THE VERNON L. KELLOGG MALLOPHAGA TYPE MATERIAL IN THE CORNELL UNIVERSITY COLLECTION

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Through the courtesy and assistance of Mr. Robert C. Dalgleish, I have examined 47 slides of Mallophaga given to Cornell University by Vernon L. Kellogg. In 1958, a report on the specimens given to the University of Kansas was published; and in 1961, a report on the specimens given to the USNM was published. These collections are of significance because Kellogg did not designate a holotype or type, but considered all material examined as cotypes. In some instances, the series he examined contained specimens from several hosts and are known to contain more than one species of Mallophaga. When genera are revised, and when the type series are found, lectotypes are being designated which assists greatly in stabilizing the Kellogg names.

In this paper, all specimens conspecific with the lectotype are accepted as syntypes. Specimens not conspecific with the lectotype are regarded as no longer being syntypes. If a lectotype has not been designated, all specimens listed by Kellogg are considered to still be syntypes.

In the Cornell University Collection of 47 slides, many have “cotype” labels which were added by someone other than Kellogg. These apparently were added without reference to the original descriptions, since there are many obvious errors. All specimens were remounted by Dr. F. H. Wilson several years ago. He preserved the original labels, but in at least one instance apparently made an error in remounting. The specimens are presently mounted in permanent media, but are uncleared. Detailed study needed for revision will require clearing and remounting.


Slide without a number. One male and one female syntype with label “Colpocephalum osborni Kellogg, From Elanus glaucus, Palo Alto, Cal., V. L. Kellogg, Stanford.”

Present status.—As originally described.


Slide number 21. Two female syntypes with label “Docophorus atricolor Kellogg. From Synthliborhampus antiquus, Monterey Bay, Cal., V. L. Kellogg, Stanford.” Lectotype, designated by Carricker (1957), is on slide 63a in the Stanford University Collection.

Present status.—A synonym of *Craspedonirmus columbinus* (Denny, 1842).


Slide number 407a. Two male syntypes with label “Docophorus californiensis Kell., From Melanerpes formicivorus bairdi, Palo Alto, Cal., V. L. Kellogg, Stan-
ford.” Lectotype, designated by Carriker (1957), is on slide 361a in the Stanford University Collection.

**Present status.—Penenirmus auritus californiensis** (Kellogg, 1896).


Slide number 30A. One syntype female with label “Docophorus calvus K., From Uria troile californica, Monterey Bay, Cal., V. L. Kellogg, Stanford.” Kellogg mentioned only one female in the description. The USNM has a female on slide 64968 with the same data as given above. It is possible that Kellogg failed to record correctly the number of specimens since the data for each agree with the data given in the description. The female on USNM slide 64968 is herewith designated lectotype.

**Present status.—Saemundsonia calva** (Kellogg, 1896).


Slide number 486. One immature syntype with label “Docophorus distinctus Kell., From Corvus corax sinatus, Colorado, V. L. Kellogg, Stanford.”

**Present status.—A synonym of Philopterus corvi** (Linnaeus, 1758).


Slide number 612. Two male syntypes with label “Docophorus excisus Nitz. var. major Kellogg, From Petrochelidon unifrons, Palo Alto, Calif., V. L. Kellogg, Stanford.” Lectotype, designated by Carriker (1957), is on slide 372a in the Stanford University Collection.

**Present status.—Philopterus excisus major** (Kellogg, 1896).


Slide number 10. One male and one female syntype with label “Docophorus graviceps K., From Urinator pacificus, Bay of Monterey, Cal., V. L. Kellogg, Stanford.” Lectotype, designated by Carriker (1957), is on slide 125b in the Stanford University Collection.

**Present status.—A synonym of Craspedonirmus colymbinus** (Denny, 1842).


Slide number 16. One female and one immature syntype with label “Docophorus insolitus Kellogg, From Ptychoramphus aleuticus, Monterey Bay, Cal., V. L. Kellogg, Stanford.” Lectotype, designated by Carriker (1957), is on slide 163c in the Stanford University Collection.

**Present status.—Saemundsonia insolita** (Kellogg, 1896).


Slide number 387a. One female syntype with label “Docophorus latifrons var. occidentalis Kellogg, From Cocccyzus californicus occidentalis, Baja, Cal., V. L. Kellogg, Stanford University.” Lectotype, designated by Carriker (1957), is on slide 428a in the Stanford University Collection.

**Present status.—A synonym of Cuculoecus cocciyi** (Osborn, 1896).


Slide number 21. Two female syntypes with label “Docophorus montereyi Kell., From Synthliboramphus antiquus, Monterey Bay, Cal., V. L. Kellogg, Stanford.”
Lectotype, designated by Carriker (1957), is on slide 151b in the Stanford University Collection.

*Present status.*—*Saemundssonia monteryi* (Kellogg, 1896).


Slide number 86. Two female and one immature syntypes with label “Docophorus occidentalis Kellogg, From Fulmarus glacialis pacificus, Monterey Bay, Cal., V. L. Kellogg, Stanford.”

*Present status.*—*Saemundssonia occidentalis* (Kellogg, 1896).


Slide number 29. Two female syntypes with label “Docophorus procax Kellogg and Chapman, From Cephus columba, Bay of Monterey, Calif., V. L. Kellogg, Stanford University.” Lectotype, designated by Carriker (1957), is on slide 468a in the Stanford University Collection.

*Present status.*—*Saemundssonia procax* (Kellogg and Chapman, 1899).


Slide number 454. One male and one female syntype with label “Docophorus rufus Kellogg, From Myiarchus cinerascens nuttingi, Baja California, V. L. Kellogg, Stanford University.”

*Present status.*—*Philopterus rufus* (Kellogg, 1899).


*Present status.*—Probably a synonym of *Goniocotes albidus* Giebel, 1874.


Slide number 128. One male and one female syntype with label “Lipeurus gracilicornis P. var. major Kellogg, From Fregata aquila, Panama, V. L. Kellogg, Stanford University.” Lectotype, designated by Carriker (1957), is on slide 401a in the Stanford University Collection.

*Present status.*—*Pectinopygus fregataphagus* (Eicher, 1943).


Slide number 384. One female syntype with label “Lipeurus macgregori Kellogg, From Crotophaga sulcirostris, Panama, V. L. Kellogg, Stanford, University.”

*Present status.*—*Vernoniella macgregori* (Kellogg, 1899).


Slide number 420. One male and one female syntype with label “Lipeurus macrocephalus Kell., From Chordeiles virginianus henryi, Palo Alto, Cal., V. L.
Kellogg, Stanford.” Lectotype, designated by Carriker (1957), is on slide 370a in the Stanford University Collection.

**Present status.—**Multicola macrocephalus (Kellogg, 1896).


Slide number 758. One male and one female syntype with label “Menopon incertum Kell., From Turdus ustulatus, Palo Alto, Cal., V. L. Kellogg, Stanford.” Kellogg listed as type material, specimens from *Turdus ustulatus* and *Spinus tristis*. The species of *Myrsidea* found on these two hosts are not conspecific. Dr. T. Clay is reviewing the genus *Myrsidea* and will designate a lectotype which will also fix the type host.

**Present status.—**Myrsidea incerta (Kellogg, 1896).


Slide number 44. One male and one female syntype with label “Menopon infrequens, From Larus glaucescens, Monterey Bay, Cal., V. L. Kellogg, Stanford.”

**Present status.—**A synonym of Austromenopon transversum (Denny, 1842).


Slide number 86. Two female syntypes with label “Menopon numerosum Kell., From Fulmarus glacialis, Monterey Bay, Cal., V. L. Kellogg, Stanford.”

**Present status.—**A synonym of Procellariphaga brevifimbriata (Plagget, 1880).


Slide number 411. Two female and one immature syntypes with label “Menopon praecursor Kellogg, From Melanerpes uropygialis, Baja Cal., V. L. Kellogg, Stanford University.” This slide also has a male of the genus *Austromenopon* which was probably added through error by Wilson in remounting the material.

**Present status.—**Menacanthus praecursor (Kellogg, 1899).


Slide number 127. Two male syntypes with label “Menopon titan linearis Kell., From Pelecanus californicus, Monterey Bay, Cal., V. L. Kellogg, Stanford.”

**Present status.—**A synonym of Piagetiella bursaepelecani (Perry, 1876).


Slide number 10. Two male and one female syntypes with label “Menopon tridens var. pacificum, From Urinator pacificus, Monterey Bay, Cal., V. L. Kellogg, Stanford.” The correct host is *Fulica americana*.

**Present status.—**A synonym of Pseudomenopon pilosum (Scopoli, 1763).


Slide number 248. One male syntype with label “Nirmus actophilus Kellogg and Chapman, From Calidris arenaria, Bay of Monterey, Cal., V. L. Kellogg, Stanford University.” Lectotype designated by Carriker (1957), is on slide 494 in the Stanford University Collection.

**Present status.—**Lunaceps holophaeus actophilus (Kellogg and Chapman, 1899).

Slide number 4. Two female and one immature syntypes with label “Nirmus marginatus var. americana Kellogg and Chapman, From Colymbus nigricolis californicus, Bay of Monterey, Cal., V. L. Kellogg, Stanford University.” Lectotype, designated by Carriker (1957), is on slide 460a in the Stanford University Collection.

Present status.—Aquanirmus americanus (Kellogg and Chapman, 1899).


Slide number 620. One male and one immature syntype with label “Nirmus penisularis Kellogg, From Phainopepla nitens, Baja California, V. L. Kellogg, Stanford University.” Lectotype, designated by Carriker (1957), is on slide 441a in the Stanford University Collection.

Present status.—Brucilia penisularis (Kellogg, 1899).

Literature Cited


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