

- P. 306. *Psittaconirmus*. Alter entries 2 and 6 to :
chandabani Ansari, 1947. See *Neopsittaconirmus*.
lybartota Ansari, 1947. See *Neopsittaconirmus*.
Add asterisk to nos. 1 and 5.
- P. 307. The first word in the last line of p. 307 should be *annulatus*,
not *antennatus*. This entry is given correctly on p. 250.
- P. 309. No. 24. Alter to :
clypeatus (Kellogg & Paine), 1941 (*Nirmus*). *Rec. Indian*
Mus., 10 : 237, pl. 14, fig. 3.
Host : (*Corvus cornix*. Error)=*Tringa nebularia*
(Gunnerus).
=no. 114.
- P. 310. No. 32. Alter host-record to :
Host : (*Glareola austriaca*)=*Glareola p. pratincola*
(Linn.). (See Timmermann, 1952, *Ann. Mag. nat.*
Hist. (12), 5 : 1031.)
- P. 312. No. 58. The name *jugifer* should be in italics. Add : =no. 63.
No. 61. Alter host-record to :
Host : (*Buteo augur*. Error)=*Stephanibyx lugubris*
(Lesson) or *S. c. coronatus* (Boddaert), probably the
former.
- P. 320. No. 28. The second line of the entry should read : 3 : 89, pl. 4,
figs. 5 & 6, pl. 5, fig. 3.
No. 30. This is renamed in a revision by Clay, now in press.
No. 41. The generic name of the host should be *Phloeocceastes*.
- P. 321. No. 43. The subspecific name of the host should be in square brackets.
No. 47. Alter to :
unguiculatus (Piaget), 1890 (*Lipeurus*, nec *Rallicola ungui-*
culatus (Piag.), 1880). *Tijdschr. Ent.*, 33 : 247, pl. 10, fig. 2.
Host : (*Herodias Novae Hollandiae*. Error)=*Tricholimnas*
lafresnayanus (J. Verreaux & Des Murs).
=no. 30.
- P. 324. *Rhynonirmus* no. 3. Alter host-record to :
Host : *Bartramia longicauda* (Bechstein). Lectotype
selected by Edwards, 1952, *Psyche, Camb., Mass.*, 59 : 30.
- P. 329. No. 3. Add to host-record :
Error, probably some member of the Alcidae.
- P. 333. No. 64. Alter to :
magna (Piaget), 1880 (*Docophorus*). *Pédiculines* : 112.
Host : (*Larus atricilla*. Error)=*Stercorarius parasiticus*
(Linn.).
=no. 19.
- P. 336. No. 104. Generic name of host should be : *Puffinus*.
- P. 362. *Wilseniella*. In the reference to *Pessoaiella* Guimãraes, alter
the volume number to 24 and the page to 300.



ADDITIONS AND CORRECTIONS TO THE CHECK
LIST OF MALLOPHAGA.—II.†

By G. H. E. HOPKINS and THERESA CLAY.

THIS is the second and last † instalment of additions and corrections to
our *Check List of the Genera and Species of Mallophaga* (1952, British
Museum (Nat. Hist.)). It includes systematic units described mainly
in 1952 and 1953 and any in 1954 which have come to our notice before
going to press, in addition to some older names not included in the original
check list. An asterisk denotes that the holotype or lectotype is in the
British Museum ; the numbers refer to the numbered species in the
original list. It should be emphasized that all newly-described forms
are listed as valid unless it is obvious that they are synonyms : some of
these will doubtless prove to be synonyms when the genera in question
have been fully revised.

ADDITIONS

ACTORNITHOPHILUS Ferris, 1916

actornithophilus. Balat, 1953, *Zool. ent. Listy*, 2 : 96, 104. Type species : *Actornitho-*
philus svobodyae Balat.

hrabei Balat, 1953. *Zool. ent. Listy*, 2 : 98, 104, fig. 2.
Host : (*Calidris alpina*)=*Erolia a. alpina* (Linn.).
=no. 49 (see Timmermann, in press).

laveni Eichler, 1953. *Die Vogelwarte*, 16 : 173.
Host : *Charadrius [h.] hiaticula* Linn.
=35a.

mexicanus Emerson, 1953. *J. Kansas ent. Soc.*, 26 : 134, fig. 4.
Host : *Himantopus [himantopus] mexicanus* (Müller).

svobodyae Balat, 1953. *Zool. ent. Listy*, 2 : 100, 101, 105, fig. 4.
Host : *Vanellus vanellus* (Linn.)

AMYRSIDEA Ewing, 1927

desousai (Kéler), 1953 (*Menacanthus*). *Moçambique*, no. 72 : 29, figs.
12, 13.
Host : (*Numida mitrata limpopoensis*)=*Numida meleagris mitrata*
Pallas.

† See 'Annals and Magazine of Natural History,' 1952 (12) 6 : 434-448.

Now that the Zoological Record is no longer seriously in arrears and there is so much
demand for space in scientific journals, we do not think ourselves justified in continuing
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ADDITIONS

ACTORNITHOPHILUS Ferris, 1916

actornithophilus. Balat, 1953, *Zool. ent. Listy*, 2: 96, 104. Type species: *Actornithophilus svobodyae* Balat.

hrabei Balat, 1953. *Zool. ent. Listy*, 2: 98, 104, fig. 2.
Host: (*Calidris alpina*)=**Erolia a. alpina** (Linn.).
=no. 49 (see Timmermann, in press).

laveni Eichler, 1953. *Die Vogelwarte*, 16: 173.
Host: **Charadrius [h.] hiaticula** Linn.
=35a.

mexicanus Emerson, 1953. *J. Kansas ent. Soc.*, 26: 134, fig. 4.
Host: **Himantopus [himantopus] mexicanus** (Müller).

svobodyae Balat, 1953. *Zool. ent. Listy*, 2: 100, 101, 105, fig. 4.
Host: **Vanellus vanellus** (Linn.)

AMYRSIDEA Ewing, 1927

desousai (Kéler), 1953 (*Menacanthus*). *Moçambique*, no. 72: 29, figs. 12, 13.
Host: (*Numida mitrata limpopoensis*)=**Numida meleagris mitrata** Pallas.

† See 'Annals and Magazine of Natural History,' 1952 (12) 6: 434-448.
Now that the Zoological Record is no longer seriously in arrears and there is so much room for space in scientific journals, we do not think ourselves justified in continuing this series.

ANATICOLA Clay, 1936

beieri Eichler, 1954. *Zool. Anz.*, 152 : 35.

Host : **Branta ruficollis** (Pallas).

chaetodens Eichler, 1954. *Zool. Anz.*, 152 : 53, fig. 2e.

Host : **Dendrocygna b. bicolor** (Vieillot).

delacouri Eichler, 1954. *Zool. Anz.*, 152 : 35.

Host : **Thalassornis l. leuconotus** Eyton.

ernstmayri Eichler, 1954. *Zool. Anz.*, 152 : 35.

Host : (*Netta erythrophthalma*)=**Nyroca erythrophthalma** (Wied).

hopkinsi Eichler, 1954. *Zool. Anz.*, 152 : 33, fig. 2d.

Host : **Spatula clypeata** (Linn.).

ANATOECCUS Cummings, 1916

clangulus Emerson, 1953. *J. Kansas ent. Soc.*, 26 : 136, figs. 7, 9.

Host : **Clangula hymenalis** (Linn.).

ARDEICOLA Clay, 1936

goisagi Uchida, 1953. *Iconographia Insectorum Japonicorum*, Tokyo : 109, fig. 269.

Host : (In Japanese)=**Nycticorax n. nycticorax** (Linn.).

ovisignatus Eichler, 1953. In Niethammer, *Bonn. zool. Beitr.*, 4 : 258, fig. 29.

Host : **Plegadis ridgwayi** (Allen).

AUSTROGONIOIDES Harrison, 1915

***bicornutus** (Kéler), 1954 (*Cesareus*). *Proc. R. ent. Soc. Lond. (B)* 23 : 56, figs. 8, 9.

Host : **Eudypetes chrysolophus** (Brandt).

AUSTROKELLOGGIA Carriker, 1936

latifrons (Guimarães), 1953 (*Hypocrypturellus*). *Arq. Mus. nac., Rio de J.* 42 : 236, figs. 2d-f.

Host : **Crypturellus noctivagus noctivagus** (Wied).

ribeiroi (Guimarães), 1953 (*Hypocrypturellus*). *Arq. Mus. nac., Rio de J.* 42 : 239, figs. 3a-e.

Host : **Crypturellus o. obsoletus** (Temminck).

strigulosus (Guimarães), 1953 (*Hypocrypturellus*). *Arq. Mus. nac., Rio de J.* 42 : 236, figs. 2a-c.

Host : **Crypturellus strigulosus** (Temminck).

BRUËLIA Kéler, 1936

alexandrii Eichler, 1953. *Bonn. zool. Beitr.*, 4 : 338, fig. 3.

Host : **Petronia petronia barbara** Erlanger.

büttikeri (Eichler), 1953 (*Acronirmus*). *Bonn. zool. Beitr.*, 4 : 338, fig. 4.

Host : **Hirundo [r.] rupestris** Scopoli.

imponderabilica Eichler, 1954. *Nachr. Naturw. Mus. Stadt Aschaffenburg* 42 : 61, fig. 3.

Host : **Lanius excubitor** Linn.

obligata Eichler, 1954. *Nachr. Naturw. Mus. Stadt Aschaffenburg*, 42 : 63, fig. 6.

Host : **Passer d. domesticus** (Linn.).

pyrrhularum Eichler, 1954. *Nachr. Natur. Mus. Stadt Aschaffenburg*, 42 : 62, fig. 5.

Host : **Pyrrhula pyrrhula [coccinea]** (Gmelin).

stadleri Eichler, 1954. *Nachr. Natur. Mus. Stadt Aschaffenburg*, 42 : 61, fig. 1.

Host : **Carduelis [c.] cannabina** (Linn.).

CARDUICEPS Clay & Meinertzhagen, 1939

***clayae** Timmermann, 1954. *Ann. Mag. nat. Hist.* (12), 7 : 42, fig. 4.

Host : **Limosa fedoa** (Linn.).

lapponicus Emerson, 1953. *Proc. ent. Soc. Wash.*, 55 : 209, fig. 2.

Host : **Limosa lapponica lapponica** (Linn.).

=no. 1.

***meinertzhageni** Timmermann, 1954. *Ann. Mag. nat. Hist.* (12), 7 : 44, fig. 6b.

Host : **Erolia a. alpina** (Linn.).

CIRROPHTHIRIUS Timmermann, 1953

rhombiceps. Eichler, 1952, *Zool. Anz.* 149 : 77. *Nomen nudum.*

irrophthirius. Timmermann, 1953, *Bombus*, nos. 78/79 : 330. Type species: *Cirro-*

phthirius recurvirostrae (Linn.).

Nos. 17, 94, 105 and 120 in the list of *Quadriceps* belong here.

CISTELLATRIX Timmermann, 1953

stellatrix. Timmermann, 1953, *Bombus*, nos. 78/79 : 331. Type species: *Cistellatrix*

decipiens (Denny).

Nos. 29, 30 and 31 in the list of *Quadriceps* belong here, but we do not think it more

than a subgenus of *Quadriceps*.

CLAYIA Hopkins, 1941

diasi Kéler, 1952. *Moçambique*, no. 72 : 26, figs. 10, 11.

Host : (*Guttera lividicollis*)=**Guttera edouardi edouardi** (Hartlaub)

=no. 1.

COLOCERAS Taschenberg, 1882

pugioclavatus Eichler, 1953. In Niethammer, *Bonn. zool. Beitr.*, 4 : 301, fig. 39b.

Host : (*Gymnopelia ceciliae gymnops*)=**Metriopelia ceciliae zimmeri** Peters.

COLPOCEPHALUM Nitzsch, 1818

buteonis (Eichler), 1954 (*Neocolpocephalum*). In Bach & Eichler, *Mh. VetMed.*, 9 : 12, figs. 1-4.

Host : **Buteo b. buteo** (Linn.).

COLUMBICOLA Ewing, 1929

gymnopelidae Eichler, 1953. In Niethammer, *Bonn. zool. Beitr.*, 4 : 27, fig. 39a.

Host : (*Gymnopelia ceciliae gymnops*)=**Metropelia ceciliae zimmeri** Peters.

CRACIMENOPON Carriker, 1954

Cracimenopon. Carriker, 1954, *Novedad. colomb.*, no. 1 : 21. Type species : *C. mituensis* Carriker.

If this genus is considered to be separable from *Amyrsidea* or *Argimenopon* (see below under *Desumenopon*) the following species now in *Amyrsidea* should be included : nos. 2, 3, 4, 5, 7, 10, 12, 13, 22, 23, 25, 30, 31, 32, 33, 34, 36.

mituensis Carriker, 1954. *Novedad. colomb.*, no. 1 : 22, pl. 1, fig. 6, pl. 1, figs. 1, 4.

Host : **Mitu mitu** (Linn.).

DAMALINIA Mjöberg, 1910

asini (Eichler), 1953 (*Werneckiella*). *Mh. VetMed.*, 8 : 445, fig.

Host : **Equus asinus** Linn.

DEGEERIELLA Neumann, 1906

carruthi Emerson, 1953. *J. Kansas ent. Soc.*, 26 : 132, figs. 2, 5.

Host : **Falco sparverius sparverius** Linn.

DESUMENOPON Carriker, 1954

Desumenopon. Carriker, 1954, *Novedad. colomb.*, no. 1 : 25. Type species : *Amyrsidea praegracilis* Carriker.

If this genus is considered to be separable from *Amyrsidea* or *Argimenopon* (see below) the following species now in *Amyrsidea* should be included : nos. 6, 11.

hyperythrus Carriker, 1954. *Novedad. colomb.*, 1 : 25, pl. 1, fig. 5, pl. 2, figs. 2-6.

Host : **Odontophorus hyperythrus** Gould.

A Note on *Amyrsidea* and *Menacanthus*.

When compiling the genera of Menoponidae from the Galliformes for the original Check List it was decided, for the reasons given by Clay (1947, *Proc. zool. Soc. Lond.*, 117 : 471-474), to include in *Menacanthus* all those species with oral spines and in *Amyrsidea* all those which did not belong to the other well marked genera from the Galliformes. Unfortunately the type species of *Amyrsidea* is unlike the majority of other species which we have placed in that genus (see Carriker, 1954 and Clay, 1947). The question is further complicated, as shown by Carriker (1954) in his study of *A. praegracilis* and *Menacanthus falcatus*, by the possibility that some of the species of *Menacanthus* may be more nearly related to the *Amyrsidea* species on the same host than to other species included in the former genus. An apparently related group of species of *Menacanthus*, for a somewhat atypical member of which the genus *Eomenacanthus* was proposed, is characterized by the presence of oral spines, the reduction of the hypopharyngeal sclerite and the fact that the last segment of the antenna does not show the elongated form typical of other genera of Menoponidae from the Galliformes, similar marginal setae on the prothorax, and not more than two rows of tergal setae at least medianly. It seems possible that *Amyrsidea praegracilis* may belong to this group, and that it has secondarily lost its oral spines. The other species of *Menacanthus* found on the game-birds, in which the hypopharyngeal sclerite is not reduced and the last segment of the antenna is elongated and to which the type species of *Uchida* belongs, may form a polyphyletic group and should perhaps be considered with the *Amyrsidea* species. It seems to us that the species which we included in *Amyrsidea* are more nearly related to each other than to the other genera from the Galliformes with the possible exception of those now placed in *Desumenopon* by Carriker.

and of some species now included in *Menacanthus*. There has been much divergence within the group and it is now probably impossible to trace the relationships between the species. For instance, are the broad-headed forms on *Argusianus* (i.e. *polytrichia* (Eichler), type species of *Argimenopon*) and on *Pavo* (i.e. *phaeostoma* (Nitzsch)) more closely related to the narrow-headed forms on their respective hosts or to the broad-headed forms on other hosts? Throughout the *Amyrsidea* group of species there is much variation in the size and form of the preocular slit, the form of the antennal fossa and the distance the ventral margin projects beyond the dorsal, the amount of reduction of the hypopharyngeal sclerite, the chaetotaxy, male genitalia and the form of the terminal segments of the female abdomen. However, it does not seem possible to correlate these characters to form well-marked groups showing a number of characters in common. Thus, the species from *Arborophila*, which in the characters of the antennal fossa, dorso-lateral margin of the head and the dorsal abdominal chaetotaxy seems to lie nearest to *Amyrsidea ventralis*, differs from this latter species in the reduction of the hypopharyngeal sclerite and in the characters of the preocular slit and ventral abdominal chaetotaxy; the terminal segments of the female abdomen are modified but not in a manner similar to those of *A. ventralis*. We feel, therefore, that to describe new genera without a thorough revision of *Amyrsidea sens. lat.* together with those species from the Galliformes included in *Menacanthus* will lead to the erection of numerous monotypic or nearly monotypic genera without in any way simplifying the classification. However, we consider that *Cracimenopon* Carriker should be accepted for the present, at least, as it certainly represents a distinct and related group and also that *Desumenopon* Carriker should be provisionally recognized for the species from *Odontophorus*, the placing of which at the present time is difficult. It is possible that the *Menacanthus* species from *Odontophorus* should also be included in this genus.

DIACTORNITHOPHILUS Balat, 1953

Diactornithophilus. Balat, 1953, *Zool. ent. Listy* 2 : 96, 104. Type species : *Actornithophilus svobodyae* Balat.

We do not think this group separable from *Actornithophilus*.

FULICOFFULA Clay & Meinertzhagen, 1938

Sakoshida. Carriker, 1953, *Florida Ent.* 36 : 153. Type species : *Lipeurus picturatus* Kellogg.

gallinula Carriker, 1953. *Florida Ent.*, 36 : 158, figs. 4-6.

Host : **Gallinula chloropus garmani** Allen.

heliornis Carriker, 1953. *Florida Ent.*, 36 : 155, figs. 1-3.

Host : **Heliornis fulica** (Boddaert).

obstinata Carriker, 1953. *Florida Ent.*, 36 : 158, figs. 7-9.

Host : **Laterallus albigularis albigularis** (Lawrence).

HOHORSTIELLA Eichler, 1940

streptopeliae Eichler, 1953. *Beiträge zur Vogelkunde*, 3 : 169, figs. 5-9.

Host : **Streptopelia turtur arenicola** (Hartert).

HOLOMENOPON Eichler, 1941

bohmi Eichler, 1954. *Wien. tierärztl. Mschr.*, 41 : 151, figs. 1-2.

Host : **Coscoroba coscoroba** (Molina).

maxbeieri Eichler, 1954. *Mh. VetMed.*, 9 : 284, figs. 1-5.

Host : "Wildente", Hochfilzen, Tirol.

KURODAIA Uchida, 1926

koepckeii Eichler, 1953. In Niethammer, *Bonn. zool. Beitr.*, 4 : 265, fig. 32a.

Host : **Chondrohierax uncinatus** (Temminck).

macrura Eichler, 1952. *Zool. Anz.*, 149 : 257, fig. 11.

Host : **Falco sparverius cinnamominus** Swainson.

taguatoi Eichler, 1952. *Zool. Anz.*, 149 : 258, figs. 12-14.

Host : **Milvago chimango chimango** (Vieillot).

LAEMOBOTHRION Nitzsch, 1818

chondrohieracis Eichler, 1953. In Niethammer, *Bonn. zool. Beitr.* 4 : 265, figs. 32b, 32c.

Host : **Chondrohierax uncinatus** (Temminck).

LIPEURUS Nitzsch, 1818

In 1880 and 1885 Piaget designated with Greek letters a number of forms of this genus which he considered to be varieties of *variabilis* and which he carefully refrained from naming. Kellogg (1908) spelled out Piaget's Greek letters, still attributing them to Piaget. In the Check List of Mallophaga (Hopkins and Clay, 1952), we took the view that spelled out letters, like the original series of letters, could have no availability under the International Rules of Zoological Nomenclature, but the International Commission has now decided that they are available (*Copenhagen Decisions on Zoological Nomenclature*, 1953 : 64). This decision forces us to list six more names in this genus.

***alpha** Kellogg, 1908. In Wytsman's *Gen. Ins.*, 66, *Mallophaga* : 45. *Nomen novum* for var. α Piaget, 1880, *Pédiculines* : 366.

Host : **Lophophorus impejanus** (Latham). Doubtless error.
= no. 4.

***beta** Kellogg, 1908. In Wytsman's *Gen. Ins.*, 66, *Mallophaga* : 45. *Nomen novum* for var. β Piaget, 1880, *Pédiculines* : 366.

Host : **Gallus [gallus] bankiva** Temminck.
= no. 4.

borcherti Eichler, 1953. *Mh. VetMed.*, 8 : 556, fig.

Host : **Gallus [gallus] bankiva** Temminck.

***delta** Kellogg, 1908. In Wytsman's *Gen. Ins.*, 66, *Mallophaga* : 45. *Nomen novum* for var. δ Piaget, 1880, *Pédiculines* : 366.

Host : (*Phasianus reevesi*) = **Syrmaticus reevesi** (J. E. Gray).

***epsilon** Kellogg, 1908. In Wytsman's *Gen. Ins.*, 66, *Mallophaga* : 45. *Nomen novum* for var. ϵ Piaget, 1880, *Pédiculines* : 366.

Host : **Francolinus capensis** (Gmelin).

eta Kellogg, 1908. In Wytsman's *Gen. Ins.*, 66, *Mallophaga* : 45. *Nomen novum* for var. η Piaget, 1885, *Pédiculines Supplément* : 75, pl. 8, fig. 2b.

Host : (*Euplocomus nychthemerus*) = **Gennaeus nychthemerus** (Linn.).
= no. 19.

***gamma** Kellogg, 1908. In Wytsman's *Gen. Ins.*, 66, *Mallophaga* : 45. *Nomen novum* for var. γ Piaget, 1880, *Pédiculines* : 366.

Host : *Gallophasis cuvieri*, a hybrid pheasant doubtless hatched under *Gallus domesticus*.

= no. 4.

silvai Kéler, 1953. *Moçambique*, no. 72 : 56.

Host : (*Guttera lividicollis*) = **Guttera edouardi edouardi** (Hartlaub).

vicentei (Kéler), 1953 (*Oxylipeurus*). *Moçambique*, no. 72 : 59.

Host : (*Guttera lividicollis*) = **Guttera edouardi edouardi** (Hartlaub).

LUNACEPS Clay & Meinertzhagen, 1939

parabolicus Eichler, 1953. In Neithammer, *Bonn. zool. Beitr.*, 4: 270, fig. 34.

Host: **Ptiloscelys resplendens** (Tschudi).

LYMEON Eichler, 1940

The occurrence of this genus on sloths has now been confirmed (see Ward, 1953, *Ent. News*, 64: 203).

MACHAERILAEMUS Harrison, 1915

icterus Emerson, 1954. *J. Kansas ent. Soc.*, 27: 46, fig. 3.

Host: **Icterus sclateri alticola** Miller & Griscom.

melospizae Emerson, 1954. *J. Kansas ent. Soc.*, 27: 45, fig. 1.

Host: **Melospiza melodia samuelis** (Baird).

MEGAPEOSTUS Carriker, 1936

heptarthrogastriformis Eichler, 1953. In Neithammer, *Bonn. zool. Beitr.*, 4: 254, fig. 23.

Host: **Crypturellus obsoletus punensis** (Chubb).

MENACANTHUS Neumann, 1912

coniceps Carriker, 1953. *Rev. brasil. Biol.*, 13: 212, figs. 4-6.

Host: **Crypturellus soui cauae** (Chapman).

desousai Kéler, 1953. See *Amyrsidea*.

dryobates (Eichler), 1953 (*Picacanthus*). *Beiträge zur Vogelkunde*, 3: 181, figs. 23, 24.

Host: **Dendrocopus major major** (Linn.).

hopkinsi Eichler, 1953. *Beiträge zur Vogelkunde*, 3: 172. *Nomen novum* for *M. mutabilis* Blag.

= no. 81.

laticephalus Carriker, 1953. *Rev. brasil. Biol.*, 13: 211, figs. 1-3.

Host: **Tinamus major saturatus** Griscom.

merisuoi Eichler, 1953. *Beiträge zur Vogelkunde*, 3: 171, figs. 10-12.

Host: **Nucifraga caryocatactes [macrorhynchus]** Brehm].

***pfelegeri** Eichler, 1953. *Beiträge zur Vogelkunde*, 3: 174. *Nomen novum* for *Menopon spinosum* var., described by Piaget in *Pédiculines*, 1880: 449, pl. 36, fig. 5.

Host: = **Carduelis cucullata** Swainson.

picorum (Eichler), 1953 (*Picacanthus*). *Beiträge zur Vogelkunde*, 3: 181, figs. 25-27.

Host: **Picus canus canus** Gmelin.

schildmacheri Eichler, 1953. *Beiträge zur Vogelkunde*, 3: 174, fig. 15.

Host: **Prunella [modularis] modularis** (Linn.).

wegelini Eichler, 1953. *Bonn. zool. Beitr.*, 4: 341, fig. 8.

Host: **Acrocephalus paludicola** (Vieillot).

MENOPON Nitzsch, 1818

***carrikeri** Emerson, 1954. *Ann. Mag. nat. Hist.* (12), 7: 229, fig. 6.

Host: **Chalcurus chalcurus** (Lesson).

- ***clayae** Emerson, 1954. *Ann. Mag. nat. Hist.* (12), 7 : 229, fig. 5.
Host : **Polyplectron emphanum** Temminck.
- ***ferrisi** Emerson, 1954. *Ann. Mag. nat. Hist.* (12), 7 : 229, fig. 7.
Host : **Chalcurus inopinatus** Rothschild.
- ***hopkinsi** Emerson, 1954. *Ann. Mag. nat. Hist.* (12), 7 : 229, figs. 3, 4.
Host : **Polyplectron malacensis** (Scopoli).
- ***jellisoni** Emerson, 1954. *Ann. Mag. nat. Hist.* (12), 7 : 230, fig. 10.
Host : **Galloperdix bicalcarata** (Forster).
- ***subgallinae** Emerson, 1954. *Ann. Mag. nat. Hist.* (12), 7 : 226, fig. 12.
Host : **Gallus varius** (Shaw).

MYRSIDEA Waterston, 1915

- dorotheae** Eichler, 1953. In Neithammer, *Bonn. zool. Beitr.*, 4 : 301, fig. 43.
Host : **Pteroglossus mariae** Gould.

NIRMUS Nitzsch, 1818

- antarcticus** Valette, 1913. See *Pseudonirmus*.

OXYLIPEURUS Mjöberg, 1910

- vicentei** Kéler, 1953. See *Lipeurus*.

PARAGONIOCOTES Cummings, 1916

- canipalliatus** Carriker, 1954. *Novedad. colomb.*, no. 1 : 31. *Nomen novum* for no. 24.
- sordidus** Carriker, 1954. *Novedad. colomb.*, 1 : 31. *Nomen novum* for no. 18.

PECTINACANTHUS Eichler, 1953

- Pectinacanthus*. Eichler, 1953, *Beiträge zur Vogelkunde*, 3 : 167. *Nomen novum* for *Carrikeria* Hopkins, 1947.

An absolute synonym of *Carrikeria*. We are unable to see what purpose is served by the publication of a manuscript name admitted by its author to be a synonym. This procedure merely adds unnecessarily to the synonymy.

PEDICULUS Linné, 1958

- chelidonium** Schrank, 1803. *Fauna boica*, 3 : 194.

Host : ("Spurschwalbe") = [**Apus apus** (Linn.)]. Error.

An unidentifiable Ischnoceran straggler, not a *Demyms* as has been suggested. Discard.

PENENIRMUS Clay & Meinertzhagen, 1938

- campephili** Eichler, 1953. *Zool. Anz.*, 150 : 239, figs. 15-17.

Host : "Schwarzspecht" from Loncoche, Chile, probably = **Campephilus magellanicus** (King).

- fiebrigi** Eichler, 1953. *Zool. Anz.*, 150 : 240, figs. 2, 7, 11.

Host : **Colaptes [campestris] campestroides** (Malherbe).

- peusi** Eichler, 1953. *Zool. Anz.*, 150 : 242, figs. 4, 9, 13, 18.

Host : **Dendrocopus syriacus [balianicus]** (Gengler & Stresemann).

prinia (Büttiker), 1953 (*Docophorus*). *Acta tropica*, 10 : 348, figs. 1-3.
Host : **Prinia flavicans** (Vieill.).

varius Emerson, 1953. *J. Kansas ent. Soc.*, 26 : 134, figs. 6, 8.
Host : **Sphyrpicus varius varius** (Linn.).

PERIPETASMA Timmermann, 1954

peripetasma. Timmermann, 1954, *Zool. Anz.*, 152 : 167. Type species : *P. altoasiaticum* Timmermann.
We do not consider this monotypic genus separable from *Quadriceps*.

PHILOCEANUS Kellogg, 1903

thompsonia. Uchida, 1953. *Iconographia Insectorum Japonicorum*, Tokyo ; 109. Type species : *Thompsonia annuliventris* (Uchida).

PHILOPTERUS Nitzsch, 1818

alexanderkoenigi (Eichler), 1953 (*Docophorus*). *Bonn. zool. Beitr.*, 4 : 337, fig. 2.
Host : **Galerida [c.] cristata** (Linn.).

phillipi Emerson, 1953. *J. Kansas ent. Soc.*, 26 : 132, figs. 1, 3.
Host : **Cyanocephalus cyanocephalus** (Wied.).

prinia (Büttiker), 1953 (*Docophorus*). See *Penenirmus*.

PICACANTHUS Eichler, 1953

picacanthus. Eichler, 1953, *Beiträge zur Vogelkunde*, 3 : 180. Type species ; *P. dryobates* Eichler.
Not separable from *Menacanthus*.

PRONEPTIS Timmermann, 1953

proneptis. Timmermann, 1953, *Bombus*, nos. 78/79 : 331. Type species : *Proneptis semifissa* (Nitzsch).
Nos. 8, 72, 111 and 113 in the list of *Quadriceps* belong here.
We do not consider this group to be more than a subgenus of *Quadriceps*.

PSEUDOLIPEURUS Carriker, 1936

bonapartei Carriker, 1953. *Rev. brasil. Biol.*, 13 : 218, figs. 14, 15.
Host : **Nothocercus b. bonapartei** (G. R. Gray).

macrogenitalis Carriker, 1953 (*nec* Monteiro de Barros, 1933). *Rev. brasil. Biol.* 13 : 214, figs. 7, 8.

Host : **Crypturellus c. cinereus** (Gmelin).

megagenitalis Carriker, 1954. *Novedad. colomb.*, no. 1 : 31. *Nomen novum* for *P. macrogenitalis* Carriker, 1953 (*nec* Monteiro de Barros, 1933).

saturatus Carriker, 1953. *Rev. brasil. Biol.*, 13 : 215, figs. 9, 10.
Host : **Tinamus major saturatus** Griscom.

soui Carriker, 1953. *Rev. brasil. Biol.*, 13 : 219, figs. 17, 18.
Host : **Crypturellus soui cauae** (Chapman).

verendus Carriker, 1953. *Rev. brasil. Biol.*, 13 : 216, figs. 11-13.
Host : **Nothocercus j. julius** (Bonaparte).

PSEUDONIRMUS Mjöberg, 1910

antarcticus (Valette), 1913 (*Nirmus*). *Bol. Minist. Agric. B. Aires*, 15: 209, pl. 5, figs. 1-5.

Host: (None mentioned)=**Pagodroma nivea** (Forster).
= no. 3.

PSEUDOPHILOPTERUS Carriker, 1936

grandior Carriker, 1953. *Rev. brasil. Biol.*, 13: 224, fig. 23.

Host: **Crypturellus saltuensis** Wetmore.

perijanus Carriker, 1953. *Rev. brasil. Biol.*, 13: 222, figs. 19, 20.

Host: **Crypturellus soui mustelinus** (Bangs).

tinami Carriker, 1953. *Rev. brasil. Biol.*, 13: 222, figs. 21, 22.

Host: **Tinamus major zuliensis** Osgood & Conover.

QUADRACEPS Clay & Meinertzhagen, 1939

Cistellatrix. Timmermann, 1953, *Bombus*, nos. 78/79: 331. Type species: *Cistellatrix decipiens* (Denny).

Proneptis. Timmermann, 1953, *Bombus*, nos. 78/79: 331. Type species: *Proneptis semifissa* (Nitzsch).

Peripetasma. Timmermann, 1954, *Zool. Anz.*, 152: 167. Type species: *Peripetasma altoasiaticum* Timmermann.

***altoasiaticum** (Timmermann), 1954 (*Peripetasma*). *Zool. Anz.*, 152: 168, figs. 6, 7.

Host: **Ibidorhyncha struthersii** Vigors.

***carrikeri** Hopkins & Timmermann, 1954. *Trans. R. ent. Soc. Lond.*, 105: 147, fig. 13, pl. 2, figs. 19, 20.

Host: **Catoptrophorus semipalmatus inornatus** (Brewster).

***chorleyi** Timmermann, 1954. *Z. Parasitenk.*, 16: 199, fig. 4.

Host: **Hoplopterus armatus** (Burchell).

***dominella** Timmermann, 1953. *Zool. Anz.*, 150: 186.

Host: **Pluviorhynchus obscurus** (Gmelin).

***eggelingi** Timmermann, 1954. *Z. Parasitenk.*, 16: 204, fig. 11.

Host: **Xiphidiopterus albiceps** (Gould).

***guimarãesi** Timmermann, 1954. *Z. Parasitenk.*, 16: 200, fig. 5.

Host: **Belonopterus chilensis lampronotus** (Wagler).

***grallarius** Timmermann, 1954. *Z. Parasitenk.*, 16: 201.

Host: **Chettusia leucura** (Lichtenstein).

***hancocki** Timmermann, 1954. *Z. Parasitenk.*, 16: 205, fig. 12.

Host: **Hemiparra c. crassirostris** (Hartlaub).

***hasei** Timmermann, 1954. *Z. Parasitenk.*, 16: 207, fig. 14.

Host: **Hoploxypterus cayanus** (Latham).

***impar** Hopkins & Timmermann, 1954. *Trans. R. ent. Soc. Lond.*, 105: 147, fig. 12, pl. 2, figs. 17, 18.

Host: **Heteroscelus brevipes** (Vieillot).

***incai** Timmermann, 1954. *Z. Parasitenk.*, 16: 200, fig. 6.

Host: **Ptiloscelys resplendens** (Tschudi).

***klatti** Timmermann, 1954. *Zool. Anz.*, 152: 172, figs. 9, 10.

Host: (*Alle alle*)=**Plautus a. alle** (Linn.).

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- ***novaeseelandiae** Timmermann, 1953. *Zool. Anz.*, 150 : 185, fig. 1.
Host : **Thinornis novaeseelandiae** (Gmelin).
- ***pallasi** Timmermann, 1953. *Zool. Anz.* 150 : 181.
Host : **Charadrius mongolus atrifrons** Wagler.
- ***renschii** Timmermann, 1954. *Z. Parasitenk.*, 16 : 206, fig. 13.
Host : **Lobibyx novaehollandiae** (Stephens).
- ***sinensis** Timmermann, 1954. *Z. Parasitenk.*, 16 : 203, fig. 10.
Host : **Microsarcops cinereus** (Blyth).
- ***waterstoni** Hopkins & Timmermann, 1954. *Trans. R. ent. Soc. Lond.*, 105 : 143, fig. 9, pl. 2, figs. 11, 12.
Host : **Tringa solitaria** Wilson.
- ***zephyra** Timmermann, 1954. *Zool. Anz.*, 152 : 165, figs. 1, 2.
Host : **Recurvirostra americana** Gmelin.

RALLICOLA Johnston & Harrison, 1911

- ***gracilentus** Clay, 1953. *Proc. zool. Soc. Lond.*, 123 : 584, 585. *Nomen novum* for *gracilis* Harrison, 1915 (nec Piaget, 1871).
- ***piageti** Clay, 1953. *Proc. zool. Soc. Lond.*, 123 : 584. *Nomen novum* for *Oncophorus major* Piaget, 1888 (nec 1885).
- ***sarothurae** Clay, 1953. *Proc. zool. Soc. Lond.*, 123 : 583, figs. 19, 31-35.
Host : **Sarothura antoni** Madrasz & Neumann.

RICINUS De Geer, 1778

- accentor** Eichler, 1953. *Bonn. zool. Beitr.*, 4 : 343, fig. 9.
Host : **Prunella c. collaris** (Scopoli).
Cf. *R. subpallidus* Blag.
- borin** Balat, 1952. *Biol. Sborník*, 7 : 157, fig. 11.
Host : **Sylvia borin borin** (Bodd.).
- pflegeri** Balat, 1952. *Biol. Sborník*, 7 : 158, fig. 3.
Host : **Muscicapa albicollis albicollis** (Temminck).

SAEMUNDSSONIA Timmermann, 1935

- niethammeri** Eichler, 1953. In Niethammer, *Bonn. zool. Beitr.*, 4 : 275, fig. 37.
Host : **Phaetusa simplex** (Gmelin).
- optimalis** Eichler, 1953. In Niethammer, *Bonn. zool. Beitr.*, 4 : 271, fig. 35.
Host : **Charadrius alticola** (Berlepsch & Stolzmann).

SAKOSKIDA Carriker

Sakoskida. Carriker, 1953, *Florida Ent.*, 26 : 153. Type species : *Lipeurus picturatus* Kellogg.

The type species and the figures in Carriker, 1953 are based on a nymph of *Fulicoffula longipila* (Kellogg).

STRIGIPHILUS Mjöberg, 1910

- portigi** Eichler, 1952. *Zool. Garten* (N.F.), 19 : 154, fig.
Host : **Strix [a.] aluco** Linn.

- STRONGYLOCOTES** Taschenberg, 1882.
- berlepschi** Carriker, 1953. *Rev. brasil. Biol.*, 13 : 343, figs. 31, 32.
Host : (*Crypturellus cinereus berlepschi*) **Crypturellus b. berlepschi** (Rothschild).
- bolivarensis** Carriker, 1953. *Rev. brasil. Biol.*, 13 : 342.
Host : **Tinamus major saturatus** Griscom.
- caquetae** Carriker, 1953. *Rev. brasil. Biol.*, 13 : 327, figs. 1-5.
Host : **Crypturellus v. variegatus** (Gmelin).
- cauae** Carriker, 1953. *Rev. brasil. Biol.*, 13 : 334, figs. 12-15.
Host : **Crypturellus soui cauae** (Chapman).
- columbianus** Carriker, 1953. *Rev. brasil. Biol.*, 13 : 328, figs. 6-10.
Host : **Crypturellus columbianus** (Salvadori).
- felisae** Carriker, 1953. *Rev. brasil. Biol.*, 13 : 336, figs. 16-20.
Host : **Crypturellus soui caquetae** (Chapman).
- idoneus** Carriker, 1953. *Rev. brasil. Biol.*, 13 : 329, fig. 11.
Host : **Crypturellus idoneus** (Todd).
- intercedens** Carriker, 1953. *Rev. brasil. Biol.*, 13 : 340, fig. 26.
Host : **Nothocercus bonapartei intercedens** Salvadori.
- THOMPSONIA** Uchida, 1953
- Thomsonia*. Uchida, 1953, *Iconographia Insectorum Japonicorum*, Tokyo : 109. Type species : *Thomsonia annuliventris* (Uchida).
A synonym of *Philoceanus*.
- TRICHODECTES** Nitzsch, 1818
- spatulatus** (Cook), 1953 (*Neotrichodectes*). *Ent. News*, 64 : 61, figs. 1-3.
Host : **Conepatus leuconotus** (Lichenstein).
- TROGONINIRMUS** Eichler, 1944
- elegans** Emerson, 1952. *J. Kansas ent. Soc.*, 25 : 118.
Host : **Trogon elegans elegans** Gould.

CORRECTIONS

- P. 12. Delete *Phacogalia* from list of Boopidae.
- P. 13. Insert *Ardeiphagus* in list of Philopteridae.
- P. 36. Under *Ancistrona* insert :
gigantea (Rudow), 1869 (*Menopon*, nec *M. giganteum* Denny, 1842).
Z. ges. NatWiss., 34 : 403.
Host : (*Sula fiber*. Error).
= no. 3. (See Clay & Hopkins in press).
- P. 51. Add asterisk to nos. 1, 4 and 5.
- P. 52. Add asterisk to no. 11.
- P. 71. No. 11. Transfer whole entry to *Austromenopon*.

32. 30. No. 40. To host record add: Probably error.
31. No. 56. To host record add: Probably error.
- erlepa 32. No. 64. To host record add: Probably error.
34. No. 78. Date should be 1939.
34. No. 83. Delete second host. See Clay, 1953. *Ann. Mag. nat. Hist.* (12) 6: 655.
129. No. 6. Delete whole entry.
145. No. 27. Delete asterisk.
203. No. 12. Delete second host. See Emerson, 1954. *J. Kansas ent. Soc.*, 27: 44.
217. No. 5. The name *brevipes* should be in italics. Add: =no. 8 (see Emerson, 1954. *Ann. Mag. nat. Hist.* (12), 7: 226).
219. *giganteum* Rudow. Alter to: *giganteum* Rudow, 1869, *nec* Denny, 1842. See *Ancistrona*.
220. *madagascariensis*. Alter to: *madagascariensis* Mjöberg, 1910. See *Austromenopon*.
220. No. 13. Add: = no. 8 (see Emerson, 1954. *Ann. Mag. nat. Hist.* (12), 7: 226).
9. Typ 222. No. 20. The name *productum* should be in italics. Add: =no. 8 (see Emerson, 1954. *Ann. Mag. nat. Hist.* (12), 7: 226).
222. No. 21. Add: =no. 8 (see Emerson, 1954. *Ann. Mag. nat. Hist.* (12), 7: 226).
- s. 1-3. 296. Add asterisks to nos. 15 and 17.
298. No. 4. *Procaviphilus*. Add asterisk.
303. No. 1. *Pseudonirmus*. Alter to:
1. *antarcticus* Harrison, 1937 (*nec* Valette, 1913). *Sci. Rep. Aust. Antarct. Exped.*, C2, pt. 1: 26, fig. 2B.
Host: **Thalassoica antarctica** (Gmelin).
= no. 5 (See Clay & Hopkins in press).
303. No. 5. Alter to:
5. **lugubris** (Taschenberg), 1882 (*Lipeurus*). *Nova Acta Leop.-Carol.*, 44: 153, pl. 6 fig. 9.
Host: (*Sula fiber*. Error)=**Thalassoica antarctica** (Gmelin). See Clay & Hopkins in press.
304. No. 4. *Psittacomenopon*. Author's name should be in brackets. Add: (*Colpocephalum*) after 1943 in first line.
305. No. 14. To host record add: Probably error.
- 1842). P. 313. No. 74. Alter host record to:
Host: (*Scolopax* sp.)=**Limnodromus griseus scolopaceus** (Say). See Timmermann, 1954. *Zool. Anz.*, 152: 172.
- P. 313. No. 77. Delete second host. See Timmermann, 1954. *Zool. Anz.*, 152: 171.
- P. 317. No. 120. Add asterisk.
- P. 319. No. 23. *gracilis* Harrison, 1915=**gracilentus** Clay, 1953.

190 ²⁶ Hopkins and Clay on the Check List of Mallophaga

P. 320. No. 30. *major* (Piaget), 1888=**piageti** Clay, 1953.

P. 321. No. 47. *unguiculatus* (Piaget), 1890=**piageti** Clay, 1953.

P. 334. No. 81. Alter entry to :

81. *peristicta* (Kellogg & Kuwana), 1902 (*Docophorus*). *Proc. Wash. Acad. Sci.*, 4 : 462, pl. 28, fig. 2.

Host : (*Sterna fuliginosa* and other erroneous records). The host probably=**Charadrius hiaticula semipalmatus** Bonaparte (See Ward, 1953, *Ent. News*, 64 : 203).
= no. 86.

P. 336. No. 102. Alter date to 1780.

P. 342. No. 26. Alter host to : **Tinamus major zuliensis** Osgood & Conover
See Carriker, 1953. *Rev. brasil. Biol.*, 13 : 342.

P. 353. Insert :
mexicanus Rudow, 1866. See *Eutrichophilus*.

P. 362. *Zemiodes*.

This genus was erected for a single species based on a single specimen, the photograph of which shows it to be a nymph, taken from *Gallus domesticus*, and characterized by two pairs of "oral spines". There seems little doubt, however, that the original specimen (now lost) was an imago about to emerge from the last nymphal skin; this would account for the two "oral spines" each side of the head. The measurements given could refer to only one species found on *Gallus domesticus*, namely *Menacanthus stramineus* (Nitzsch) 1818. We consider, therefore, that *Zemiodes zumpti* Eichler should be placed as a synonym of *Menacanthus stramineus* (Nitzsch).

Docophorus sulcatus (Piaget), 1888

Owing to an unfortunate error in the first instalment of Additions and Corrections (*Ann. Mag. nat. Hist.* (12) 6 : 446) this species, which is the same as *Strigiphilus rostratus* (Burmeister), 1838, was placed under the *Sturnidoecus* heading. The entry should be transferred, as it stands, to *Strigiphilus*.