

Mallophaga from Californian Birds.

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The following determinations of Mallophaga and records of hosts are based on specimens taken from various birds at Monterey, California, by Mr. Jos. Clemans, Chaplain of the 15th Infantry Regiment, stationed at the Presidio.

Docophorus pertusus Nitzsch, var. **monachus** n. var.

One male from the Virginia rail, *Rallus virginianus* (Monterey, California).

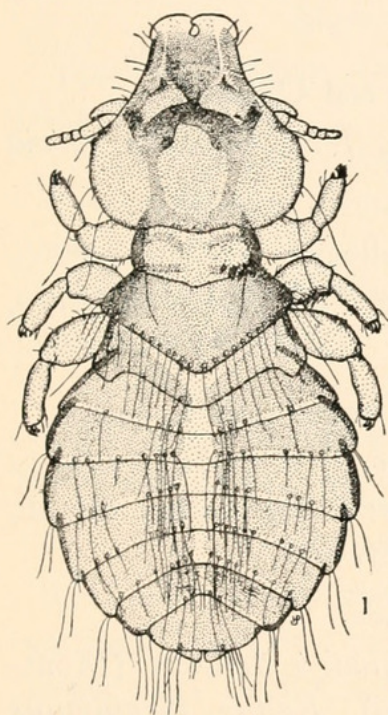


Fig. 1.—*Docophorus pertusus*
Nitzsch. var. *monachus* n.
var. Female.

The type, *D. pertusus*, has been found on the following birds in California: *Fulica americana*, *Erismatura rubida*, and *Colymbus nigricollis californicus*. The sinuous posterior margin of the first abdominal segment shown in the figure of the variety is also found in the type, though it has not been referred to heretofore.

The variety differs in the greater number of hairs found on the clypeus and on the abdomen. On the clypeus of the type there are two small hairs near the trabeculae while in the variety there are about eight on each side extending from the trabeculae to the expansion of the pincer-like organs. On the posterior margin of each segment of the abdomen in the type are found not more than four hairs while in the variety they are numerous, sixteen occurring on the fifth segment with the number diminishing anteriorly and posteriorly.

Docophorus pertusus Nitzsch.

One young specimen from the American coot *Fulica americana* (Monterey, Cal.)

Docophorus icterodes Nitzsch.

Specimens from the American coot, *Fulica americana* (Monterey, California.)

Docophorus platyrhynchus Nitzsch.

Specimens from the western red-tailed hawk, *Buteo borealis calurus* (Monterey, Cal.)

Docophorus communis Nitzsch.

Specimens from the shumagin fox sparrow, *Passerella iliaca unalaschcensis* (Monterey, Cal.)

Docophorus mirus Kellogg.

Specimens from Townsend warbler, *Dendroica townsendi*, (Monterey, Cal.)

Docophorus singularis Kellogg and Chapman.

Specimens from the varied thrush, *Hesperocichla naevia naevia*. (Monterey, California).

Docophorus incisus Kellogg.

Specimens from the pied-billed grebe, *Podilymbus podiceps, cidentalis*, (Monterey, Cal.)

Nirmus fuscomarginatus Denny var. **americanus** Kellogg.

Specimens from the pied-billed grebe, *Podilymbus podiceps* (Monterey, Cal.); also (straggler?) from the varied thrush, *Hesperocichla naevia naevia* (Monterey, Cal.)

Nirmus furvus Nitzsch.

Specimens from Wilson snipe, *Gallinago delicata* (Monterey, Cal.); also from Virginia rail, *Rallus virginianus* (Monterey, Cal.)

Nirmus fuscus Nitzsch.

Specimens from the western red-tailed hawk, *Buteo borealis calurus* (Monterey, Cal.)

Nirmus foedus Kellogg and Chapman.

Specimen from the black phoebe, *Sayornis nigricans semiatra* (Monterey, Cal.)' also (straggler?) from the pied-billed grebe, *Podilymbus podiceps* (Monterey, Cal.)

Nirmus vulgatus Kellogg.

Specimens from the Shumagin fox sparrow, *Passerella iliaca unalaschcensis* (Monterey, Cal.).

Oncophorus minutus Nitzsch.

Specimen from the American coot, *Fulica americana* (Monterey, Cal.); also (straggler?) from the western bluebird, *Sialia mexicana occidentalis* (Monterey, Cal.)

Oncophorus bisetosus Piaget, var. **californicus** Kellogg and Chapman.

Specimens from the Virginia rail, *Rallus virginianus* (Monterey, Cal.)

Lipeurus temporalis Nitzsch.

Specimens from the shoveller duck, *Spatula clypeata* (Monterey, Cal.)

Laemobothorium sp.

Two specimens from the desert sparrow hawk, *Falco sparverius deserticolus* (Monterey, Cal.) Until this genus is thoroughly revised we shall not attempt to make any species determination in it.

Physostomum sp.

One young specimen from Townsend warbler, *Dendroica townsendi* (Monterey, Cal.)

Trinoton luridum Nitzsch.

One specimen of this duck-infesting species, accredited, but certainly wrongly, to a desert sparrow hawk, *Falco sparverius deserticolus* (Monterey, Cal.) The insect probably came from the shoveller duck, *Spatula clypeata*.

Trinoton lituratum Nitzsch.

One specimen from the shoveller duck, *Spatula clypeata*, (Monterey, Cal.)

Colpocephalum stictum n. sp. (Fig. 2).

A single male specimen from *Gallinago delicata*, Wilson's snipe (Monterey, Cal.) This is an elongated species with conspicuous blotches on head, thorax and abdomen.

Description of Male.—Length 1.4 mm., width across abdomen .42 mm. Yellow brown in color with conspicuous dark chestnut markings.

Head.—Length .34 mm., width .4 mm., thus being unusually long in comparison with its width. Front slightly convex with three short spines on either side and two short hairs on the angles where the front merges into the diverging sides. The prominent ocular emargination is almost filled by the eye and the last segment of the antennae. Ocular blotches dark chestnut; ocular bands indistinct except where they broaden to form light brown blotches at their anterior ends. The ocular fringe extends around the angle on to the temples. Temples broadly rounded, occiput concave. Two occipital triangles of dark chestnut color connected by a dark band on the occipital margin and extending forward. Occipital bands wanting. There are four hairs on the angle before the ocular emargination, one larger than the others; five hairs on the temple, three long and two shorter; also two hairs on the occiput near the center.

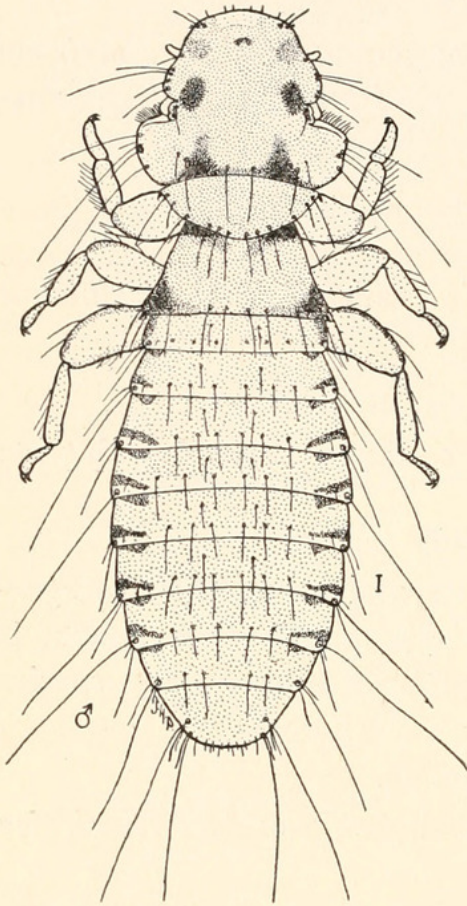


Fig. 2.—*Colpocephalum stictum* n. sp.
Male.

Thorax.—Length .34 mm., width .34 mm. Prothorax lenticular, the anterior margin more flattened than the posterior, which latter bears a row of about twelve hairs. Metathorax trapezoidal; very dark chestnut blotches occurring in both anterior and posterior angles, and the latter angles bearing two hairs and a spine; also about six hairs on the posterior margin which is straight. Legs pale with a fringe of hairs on the outer edge of the tibia.

Abdomen.—Length .78 mm. Last segment rounded; lateral band of each segment, except the last, with two dark chestnut appendages curving inward, one at each end of the segment, becoming lighter in color in the posterior segments. Very long hairs in the posterior angles of some of the segments. A row of hairs across each segment and numerous short hairs around the posterior margin of the last segment. Transverse blotches slightly darker than general ground color of insect. Genitalia inconspicuous, being only slightly chitinated.

Colpocephalum flavescens Nitzsch.

Two males from the desert sparrow hawk, *Falco sparverius deserticolus* (Monterey, Cal.)

Menopon tridens Nitzsch.

Specimens from the pied-billed grebe, *Podilymbus podiceps* (Monterey, Cal.)

Menopon tridens Nitzsch, var. **pacificum** Kellogg.

Specimens from the pied-billed grebe, *Podilymbus podiceps*, the common loon, *Gavia imber*, the shoveller duck, *Spatula clypeata*, the American coot, *Fulica americana* and (straggler?) the desert sparrow hawk, *Falco sparverius deserticolus*, all from Monterey, California.

Menopon sp.

One specimen from the shoveller duck, *Spatula clypeata* (Monterey, California.)

A Remarkable Dragonfly (Odon.).

By CHARLES LOUIS POLLARD, Public Museum, Staten Island Association of Arts and Sciences, New Brighton, New York.

In the account of a collecting trip in North Carolina last year, presented before the New York Entomological Society on December 21, 1909, by Mr. George P. Engelhardt and myself, reference was made to the capture of a dragonfly, *Gomphoides ambigua* Selys, as being the first record of the occurrence of this tropical American species within the United States (see Journ. N. Y. Ent. Soc. v. 18, p. 130).

The specimen, a male, was taken with numerous other Odonata on the shores of Greenfield Pond, near Wilmington, N. C., on August 1, 1909. I am unable to recall the circumstances of its capture, as I was engaged in general collecting at the time, and did not recognize the insect as unusual. It was sent with other species to Mr. R. P. Currie, of the United States Department of Agriculture, who made the following comment in returning it:



Kellogg, Vernon L. and Paine, John Howard. 1911. "Mallophaga from Californian birds." *Entomological news, and proceedings of the Entomological Section of the Academy of Natural Sciences of Philadelphia* 22, 75–79.

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