

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).

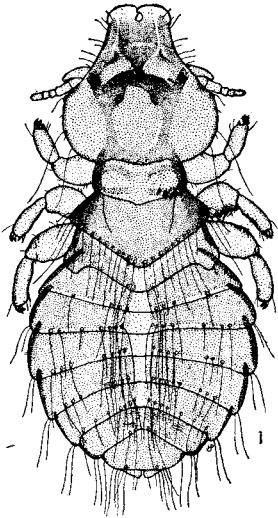


Fig. 1.—*Docophorus pertusus*
Nitzsch, var. *monachus* n.
var. Female.

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 semi-atra* (Monterey, Cal.)' also (straggler?) from the pied-billed grebe, *Podilymbus podiceps* (Monterey, Cal.)