

PROCEEDINGS
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A NEW SPECIES OF *DAMALINIA* (MALLOPHAGA:
TRICHODECTIDAE) FROM THE FORMOSAN
SIKA DEER
(*CERVUS NIPPON TAIUANUS*)

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Recently the authors acquired a small series of Mallophaga collected off the Formosan Sika Deer which represents an undescribed species. This new species is herewith described and illustrated.

Damalinia maai new species

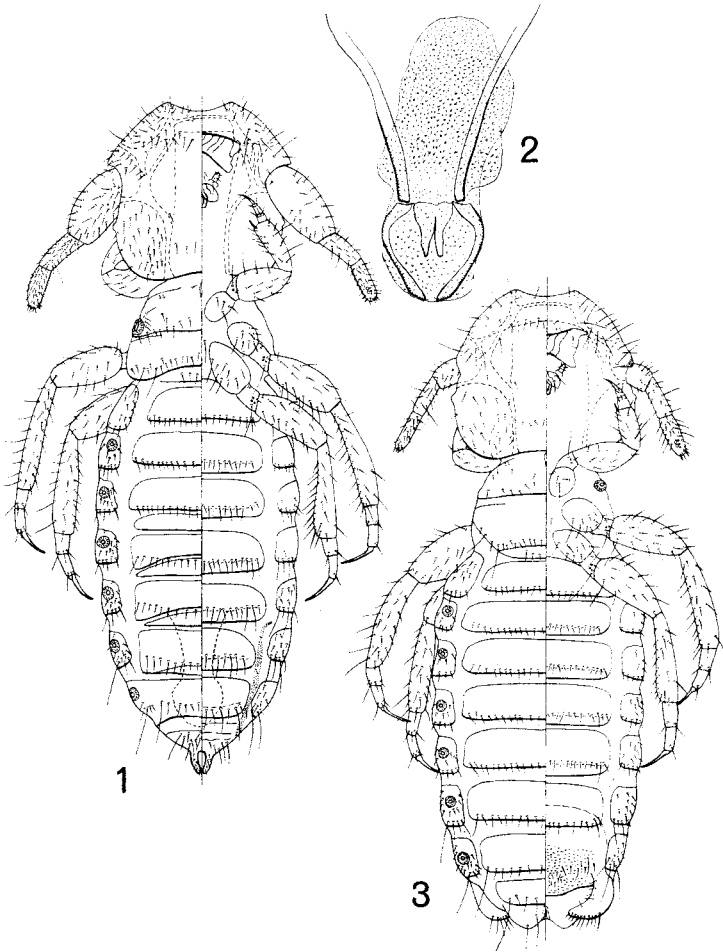
Figures 1-3

Holotype male: Total length, 2.16 mm. External morphology and chaetotaxy as shown in Figure 1. Genitalia as shown in Figure 2; genital sac large and prominent.

Allotype: Total length, 2.09 mm. External morphology and chaetotaxy as shown in Figure 3.

Discussion: *Damalinia maai* is closely related to *D. forficula* (Piaget, 1880). It is readily separated from *D. forficula* by the much longer legs in both sexes; in *D. forficula* the posterior pair, when a normal position, extends to the third apparent abdominal segment; in *D. maai* they extend to the sixth apparent abdominal segment. The posterior protuberances of the terminal abdominal segment of the male are each parallel sided, not triangular, in *D. maai*. The parameres of *D. forficula* are pointed at the distal ends, and enlarged in *D. maai*. The gonopods of the female terminalia are broad in *D. maai* and not bent forward at the tip as in *D. forficula*. The forehead (preantennal region) is short and broadly rounded in both sexes of *D. maai* and much longer and triangular shaped in *D. forficula*. *D. maai* is also larger in both sexes than *D. forficula*.

Damalinia meyeri (Taschenberg, 1882) is the only previously known species with legs longer than normal. The legs of *D. meyeri* are



FIGS. 1-3. *Damalinia maai* new species. 1, dorsal-ventral view of male. 2, male genitalia. 3, dorsal-ventral view of female.

approximately 30% longer than those of *D. forficula*; but are shorter than in *D. maai*, reaching only to the fourth apparent abdominal segment.

Type-host: *Cervus nippon taiouanus* (Blyth, 1860).

Type-material: Holotype male, allotype, and two paratypes collected off the type-host at Chia-I, Formosa on 16 March 1961. The holotype and allotype will be deposited in the National Museum of Natural History, Smithsonian Institution.

We have selected the specific name *maai* to honor our colleague, Dr. T. C. Maa, who has made many collections of Mallophaga on Formosa, and who has made significant contributions to our knowledge of the Pupipara.