

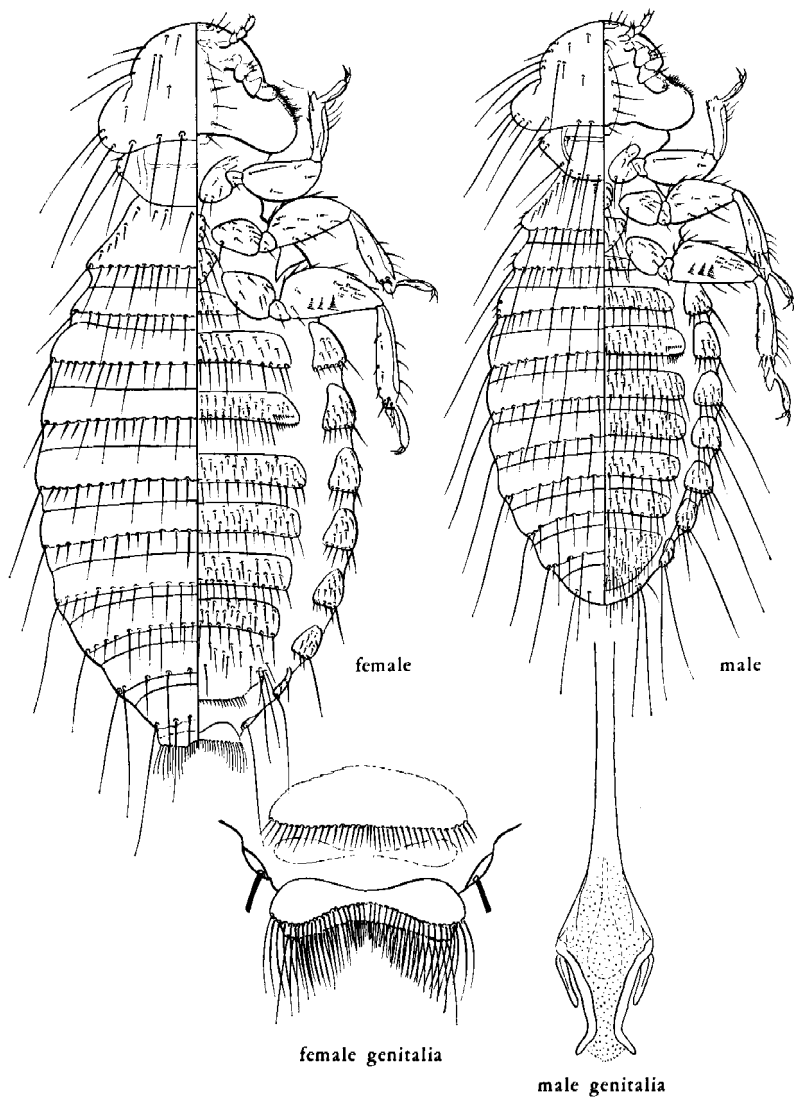
## A NEW SPECIES OF *OSBORNIELLA* (Mallophaga) FROM THE GROOVE-BILLED ANI

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The menoponid genus *Osborniella* Thompson, 1948, occurs on certain hosts in the avian order Cuculiformes. Three species of *Osborniella* have been described previously, viz., *O. crotophagae* (Staford) 1943 from *Crotophaga ani* Linnaeus, *O. guiraensis* (Kellogg) 1906 from *Guira guira* (Gmelin), and *O. pectinifera* (Piaget) from *Milvaga chimango* (Vieillot). According to the A. O. U. Check-List (1957) the order Cuculiformes is represented in North America by seven species in four subfamilies including the Cuculinae (typical cuckoos), Phaenicophaeninae (non-parasitic cuckoos), Neomorphinae (ground cuckoos), and Crotophaginae (anis). The world's fauna of Cuculiformes includes 128 described species.

A new species of *Osborniella*, collected in Texas from the Groove-billed Ani (*Crotophaga sulcirostris* Swainson) is herewith described and illustrated. No representatives of this genus from a host collected in North America north of Mexico have been previously recorded. The series upon which this description is based, four males and four females, were collected and made available to the author by Dr. R. B.



*Osborniella sulcirostris* new species

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*Osborniella sulcirostris* n. sp.

(Plate I)

Male: Length 1.8 mm., length of head 0.29 mm., width across temples 0.55 mm. General shape, chaetotaxy, and genitalia as illustrated. Female: Length 2.2 mm., length of head 0.30 mm., width across temples 0.61 mm. General shape, chaetotaxy, and genitalia as illustrated.

This species is nearest *O. crotophagae* the type host of which is the Smooth-billed Ani, *Crotophaga ani* Linnaeus. *Osborniella sulcirostris* n. sp. differs from *O. crotophagae* principally in the shape of the male genitalia the paramera of which are, in *sulcirostris*, rather abruptly bent outward near their apices at an angle of about 45 degrees. The paramera of *crotophagae* bend gracefully toward the midline throughout their entire length. There appear to be no readily discernible differences between the adult females of the two species.

Type host: *Crotophaga sulcirostris* Swainson, the Groove-billed Ani.

Type material: Holotype male and four paratypes collected in Cameron County, Texas, June 8, 1961. Allotype female and four paratypes collected in Cameron County, Texas, June 8, 1961. One male specimen and one female specimen were dissected in the preparation of illustrations. The holotype and allotype, mounted in balsam on a single slide, will be deposited in the U.S. National Museum. Paratypes will be deposited in the British Museum (Natural History), personal collection of Dr. K. C. Emerson, and Entomology Division, Texas State Department of Health Laboratories.

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