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Print ISSN: 1525-2647

Current: Jan 2011 : Volume 78 Issue 1

BioOne Member Since: 2003

Frequency: Semi-annual

Impact Factor: 0.705

2009 ISI Journal Citation Reports®
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Comparative Parasitology

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Comparative Parasitology 77(2):164-171. 2010
 doi: 10.1654/4412.1

Redescription of *Centrorhynchus microcephalus* (Bravo-Hollis, 1947) Golvan, 1956 (Acanthocephala: Centrorhynchidae) from the Groove-Billed Ani (*Crotophaga sulcirostris*) in Veracruz, Mexico

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Abstract

Centrorhynchus microcephalus (Bravo-Hollis, 1947) Golvan, 1956 (Acanthocephala: Centrorhynchidae) originally was described as *Gordiorhynchus microcephalus* Bravo-Hollis, 1947 on the basis of 8 worms collected from the small intestine of a single great-tailed grackle (*Quiscalus mexicanus*) from the state of Puebla, Mexico. Acquisition of 48 specimens collected from the groove-billed ani (*Crotophaga sulcirostris*) in Tlacotalpan, Veracruz, Mexico permitted a more complete description of the species. Nine of 10 (90%) birds examined were infected with 2–13 individuals of *Centrorhynchus microcephalus* with a mean intensity of 5.3. Examination of the type material of *Centrorhynchus crotophagicola* Schmidt and Neiland, 1966 revealed this species, described from groove-billed anis and squirrel cuckoos (*Piaya cayana*) from Nicaragua, to be conspecific with *C. microcephalus*; thus, *C. crotophagicola* is considered a junior synonym of *C. microcephalus*. *Centrorhynchus microcephalus* is redescribed on the basis of the type material of *G. microcephalus* and *C. crotophagicola*, and the newly acquired specimens from Veracruz. This study constitutes the first report of *C. microcephalus* since its original description. Additionally, a single immature female of *Centrorhynchus kuntzi* Schmidt and Neiland, 1966 was collected from one ani, representing a new host record and the first report of *C. kuntzi* from Mexico.

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