

A FIRST CONTRIBUTION TO A KNOWLEDGE OF THE CICADA FAUNA OF EL SALVADOR (HOMOPTERA: CICADOIDEA)

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The cicada fauna of Central America has received little study since Distant's *Biologia Centrali-Americana* (Distant 1881, 1883, 1900, 1905). Davis (e.g., 1919, 1928, 1936, 1941, 1944) described new genera and species but worked mainly on the Mexican fauna. More recent work on Central American cicadas has generally focused on the ecology of Costa Rican (e.g. Young 1972, 1976, 1980, 1981) and Panamanian (e.g. Wolda 1984, 1993, Wolda and Ramos 1992) cicadas.

A search of the Cicadoidea bibliographies (Metcalf, 1963a, 1963b, 1963c; Duffels & van der Laan 1985) shows that no Cicadoidea have been reported from El Salvador. I have come across several species in the Florida State Collection of Arthropods (FSCA) and the William R. Enns Entomological Museum (WEEM), University of Missouri and have been given specimens by a student that represent the first cicadas to be described as being collected in El Salvador. Original specimens are housed in the collections above with vouchers in the author's collection.

Family Cicadidae Leach, 1815

Subfamily Tibiceninae Atkinson, 1886

Tribe Tibicenini Distant, 1889

Diceroprocta belizensis (Distant, 1910). Specimens in the FSCA were collected at the Ruinas de San Andres, Dept. La Libertad, 16-VIII-1971. In the WEEM, there are specimens from La Unión, Dept. La Unión, 13-V-1964 and Santa Tecla, Dept. La Libertad, 10-IV-1959.

Diceroprocta bicosta (Walker, 1850). Specimens in the WEEM were collected at Puente Cascutlan, Dept. San Salvador, 30-V-1958.

Tribe Fidicinini Distant, 1905

Fidicinoides determinata (Walker, 1858). Specimens in the WEEM were collected in San Salvador, Dept. San Salvador, 1-IV-1959. The species was transferred to *Fidicinoides* from *Fidicina* with the creation of the genus by Boulard and Martinelli (1996).

Fidicinoides pronoe (Walker, 1850). There are specimens in both the FSCA and the WEEM from Santa Tecla, Dept. La Libertad collected 9-III-1935, 2-IV-1957, 1-IV to 29-IV-1971, 19-IV to 6-V-1972, and 20-IV-1977. The species was transferred to *Fidicinoides* from *Fidicina* with the creation of the genus by Boulard and Martinelli (1996).

Pacarina schumanni Distant, 1905. Specimens in the FSCA were collected at the Ruinas de San Andres, Dept. La Libertad, 16-VIII-1971. These specimens represent the first *P. schumanni* to be reported from outside of Mexico (Metcalf, 1963a).

Tribe Hyantiini Distant, 1905

Quesada gigas (Olivier, 1790). Specimens were given to the author by a student from El Salvador. The specimens were collected at San Salvador, Dept. San Salvador on 7 and 8-III-2001. A voucher is deposited in the FSCA.

Family Tibicinidae Buckton, 1889

Subfamily Tibicininae Distant, 1906

Tribe Carinetini Distant, 1905

Herrera ancilla (Stål, 1864). In the FSCA, there are multiple specimens from Santa Tecla, Dept. La Libertad, collected between 29-V and 7-VI-1970 and 24-V and 16-VII-1972. Specimens in the WEEM were collected in San Salvador, Dept. San Salvador between 30-V and 11-VII-1959.

There are probably many other species present in El Salvador that await addition to the cicada fauna. Neighboring Guatemala, Honduras, and Nicaragua have been reported to have another 13 species and 9 genera in addition to the species identified here from El Salvador (Metcalf 1963a, 1963b, 1963c, Duffels and van der Laan 1985).

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SUMMARY

This paper identifies the first cicada species to be reported from El Salvador. Seven species from five genera and two families have been identified from museum specimens.

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