

SCIENTIFIC NOTE

CARYEDON SERRATUS (OLIVIER) (BRUCHIDAE) ESTABLISHED IN
NORTHERN SOUTH AMERICA WITH ADDITIONAL HOST AND
LOCALITY RECORDS FROM MEXICO

The groundnut (peanut) bruchid, *Caryedon serratus* [= *Caryedon gonagra* (Fabricius)], is a serious pest of stored peanuts, *Arachis hypogaea* Linnaeus, in parts of Africa. This bruchid is widely distributed in the Old World, but has only been reported from the New World as occurring in Mexico (Johnson 1966), despite the fact that its primary host in the Old World, *Tamarindus indica* Linnaeus, is widely distributed in the New World (Davey 1958).

Collections of bruchids were recently examined at the Universidad Central de Venezuela, Maracay, and the Universidad del Zulia, Maracaibo, Venezuela. Both collections contained large numbers of *C. serratus* that were collected by sweep nets. I collected some seeds of its host, *Tamarindus indica*, but no bruchids emerged from them. This is not surprising because this bruchid leaves the seed and pupates outside it. My rearing techniques are such that no place is provided for an insect with this behavior to pupate. Because the host and the insect are abundant in Venezuela, I believe that this bruchid is established in South America. Thus, it is a potential economic threat to stored peanuts there.

The following are new host and locality records for *C. serratus* reared from seeds of *T. indica* from Mexico. **Colima:** 7 mi. NE Armeria, 7-III-1973 (CDJ #395-73). **Chiapas:** ca. 700', 43 mi. SW Cintalapa, 1-IV-79 (CDJ #1081-79). **Oaxaca:** 2 km W Puerto Escondido, 3-I-80 (CDJ #1317-80).

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