

## SCIENTIFIC NOTE

### NEW HOST AND DISTRIBUTION RECORDS FOR *NELTUMIUS TEXANUS* (SCHAEFFER) (COLEOPTERA: BRUCHIDAE)

Kingsolver (1964. Coleopt. Bull. 18:105–111) revised the three species in *Neltumius* Bridwell and reported on their host plants. He was skeptical of the one record from Texas from the seeds of the rhamnaceous genus *Condalia* Cavanilles as a host plant for *Neltumius texanus* (Schaeffer) because the other two species of *Neltumius* were known to feed only in the seeds of the leguminous genus *Prosopis* L. (mesquite).

Johnson (1978. J. Kans. Entomol. Soc. 51(3):432–440) related that seeds of *Condalia* spp. from Arizona and Texas were fed upon by *N. texanus*. He discussed the ecology of *N. texanus* in seeds from Arizona. Most of the bruchids were reared from plants from Arizona. The hosts reported by Johnson were *Condalia correllii* M. C. Johnston, *C. globosa* var. *pubescens* I. M. Johnston, *C. hookeri* var. *hookeri* M. C. Johnston, *C. spathulata* A. Gray, and *C. warnockii* var. *kearneyana* M. C. Johnston.

There is evidence that *N. texanus* has a distribution from Baja California, Mexico, southeastern California, Arizona, New Mexico and to Brownsville, Texas (Johnson. 1978. J. Kans. Entomol. Soc. 51(3):432–440). Because bruchids can fly and the Rio Grande River is not a formidable barrier, common sense and records reported here tend to suggest that *N. texanus* has a distribution into northeastern Mexico.

Based on the host and distribution data presented by Johnson (1978. J. Kans. Entomol. Soc. 51(3):432–440) the impression is that most *N. texanus* occur in Arizona. In this note I report recent records for *N. texanus* collected from seeds of *C. hookeri* from extreme south-central Texas. These records indicate that *N. texanus* tends to feed in *Condalia* spp. seeds throughout the range of the plants in the U.S.A. The records follow.

*Condalia hookeri* M.C. Johnston: Texas. Willacy Co.: 60', 11 mi. N Raymondville, IX-22-92 (CDJ# 4896-92). Starr Co.: 50', 14 mi. SE Rio Grande City, IX-23-92 (CDJ# 4901-92). Jim Hogg Co.: 12 mi. SW Hebronville, IX-25-92 (CDJ# 4912-92). Duval Co.: 13 mi. S. Freer IX-25-92 (CDJ# 4914-92).

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