

***Gryllus planeta* Weissman and Gray, n. sp.**

McDonald Observatory Wood Cricket

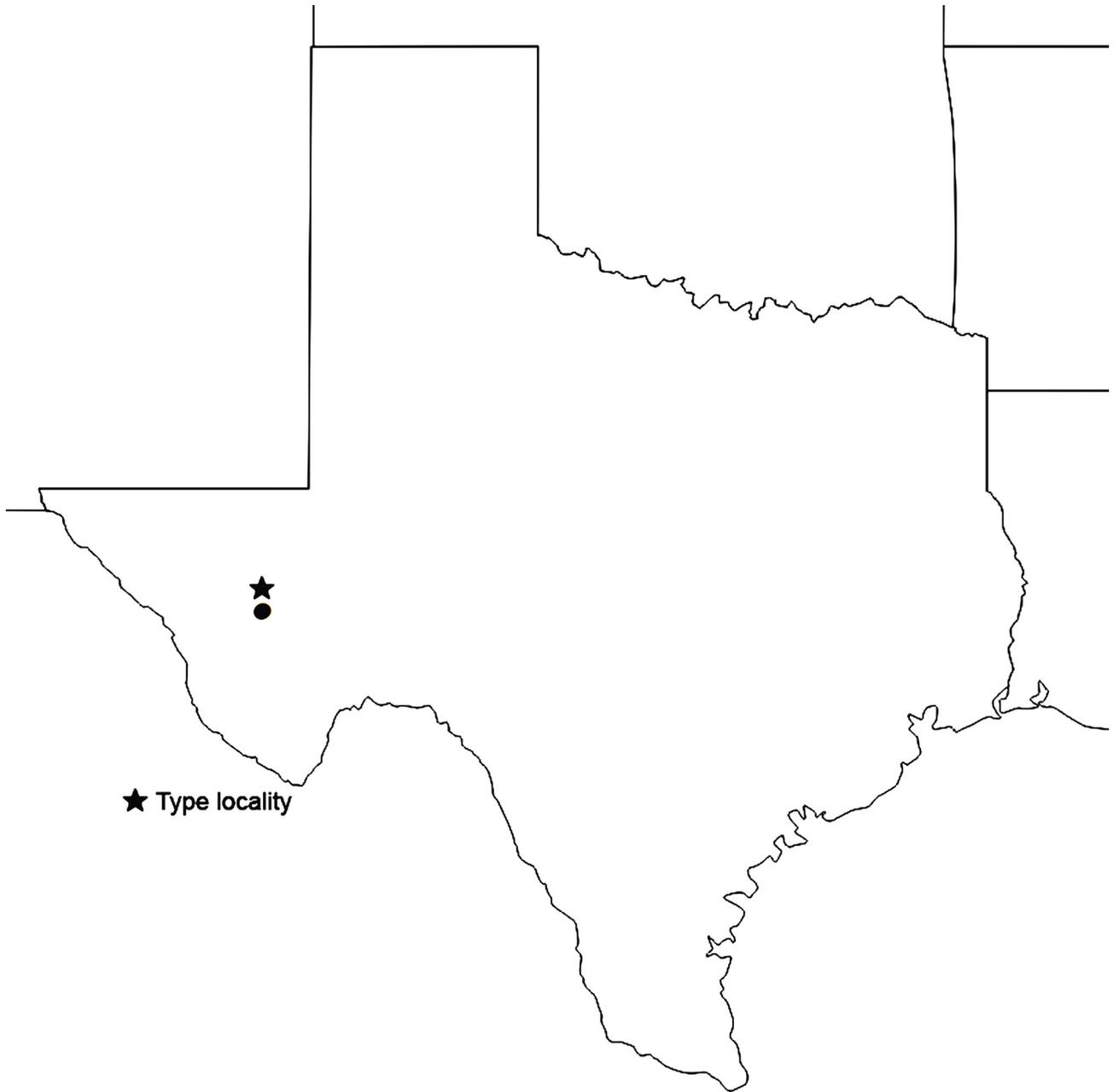
*Distribution.* Known only from the sky island oak-woodlands of the Davis Mountains in west Texas, around the area of the McDonald Observatory.

*Holotype.* Male (Fig. 153). Texas, Jeff Davis Co., Davis Mts., Mt. Locke, McDonald Observatory, in oak woodland at base of Otto Struve Telescope, 1-vii-2015. 6747', 30° 40' 16.82" -104° 01' 24.76". D.B. Weissman & D.W. Weissman. S15-61, R15-189, G3114. 16S GenBank accession # MK446549; ITS2 GenBank accession #

MK441918. BL 20.16, HF 10.63, LC 10.38. Right tegmen removed: 128 teeth, file length 2.8, TL 9.4, TW 3.9. Deposited CAS, Entomology Department #19269.

*Paratypes.* (Total: 5♂ 3♀). **Texas**, Jeff Davis Co., Davis Mts., Mt. Locke, 6747', same data as holotype, S15-61, 3♂ 3♀; 6246'; open mowed field 1.1 road miles below Telescope, 1-vii-2015, S15-62, 30° 40' 51.03" -104° 01' 22.78". D.B. Weissman & D.W. Weissman, 1♂; 6073', rocky road cut 2.7 road miles below Telescope, 1-vii-2015, S15-63, 30° 39' 57.79" -104° 02' 10.41". D.B. Weissman & D.W. Weissman, 1♂.

*Derivation of name.* "planeta" from Latin (masculine) for planet or planetary, in reference to its only known occurrence being from 1851-2056 m elevation on Mt. Locke in the Davis Mountains, site of the McDonald Observa-



**FIGURE 154.** Known distribution of *G. planeta*.