

***Gryllus transpecos* Weissman & Gray, n. sp.**

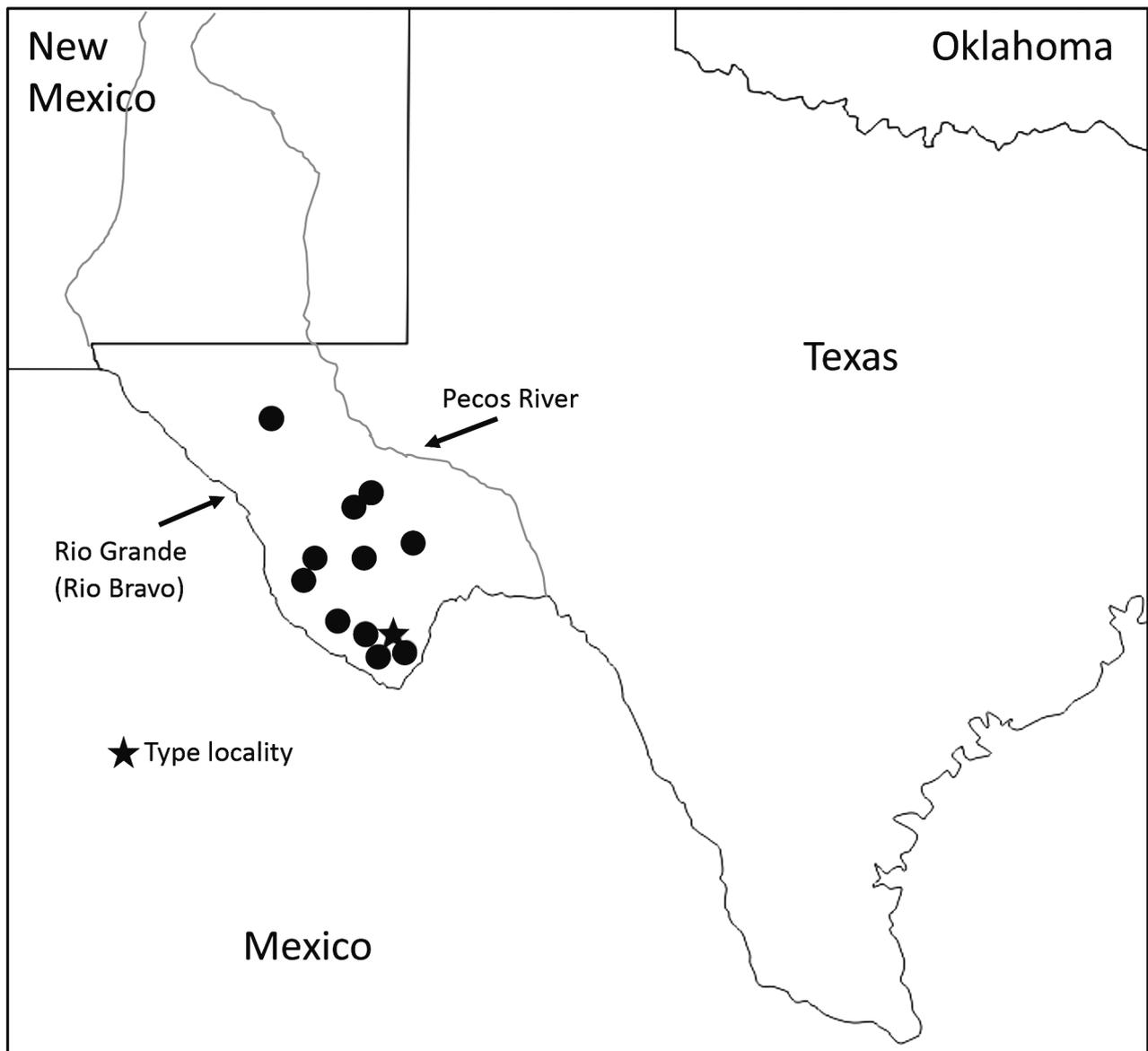
Texas Trans-Pecos Field Cricket

*Distribution.* Only known from western Texas between the Rio Grande River and the Pecos River.

*Holotype*. Male (Fig. 216). USA, Texas, Brewster Co., Chisos Mts., Big Bend National Park, Grande Village Road to Ranger Station near Lost Mine Trail parking lot, 1.5 m NW ranger station, 12-vi-2007. 5500', 29° 16.471' -103° 17.211'. D.B. Weissman & D.C. Lightfoot. S07-36, R07-95, G1175. 16S ribosomal RNA GenBank accession # MN136663. BL 19.49, HF 12.13, LC 12.36. Right tegmen removed: 142 teeth, file length 3.8, TL 11.9, TW 5.2. Deposited CAS, Entomology type #19273.

*Paratypes*. (Total: 105♂ 76♀). **Texas**, *Brewster Co.*, Chisos Mts., Big Bend National Park, 5500', type locality, 8-

vi-1985 (S85-55) 13♂ 6♀; 5-vi-1991 (S91-41) 11♂ 7♀; 12-vi-2007 (S07-36) 2♂ 1♀; Panther Junction, 3734', 12-vi-2007 (S07-38), 2-vii-2015 (S15-68) 3♂ 3♀; 18.7 m SE Panther Junction, 9-vi-1985 (S85-57) 1♂; 5-vi-1991 (S91-42) 1♂; Maverick Rd., 3756', 2-vii-2015 (S15-69) 2♂; Rio Grande Village, 2100', 9-vi-1985 (S85-56) 4♂ 1♀; 5-vi-1991 (S91-43) 2♂; Grande Village Road 4.5 m NW ranger station, 4340', 12-vi-2007 (S07-37) 1♂ 3♀; 28-v-2016 (S16-12) 1♂. Hwy 118 24 m S Alpine, 4434', 2-vii-2015 (S15-72) 7♂ 10♀. Hwy 170 8 m W Terlingua, 3000', 27-v-2016 (S16-10) 1♂. Hwy 385 3.3 m S Marathon, 4050', 28-v-2016 (S16-14) 2♂ 1♀. *Culberson Co.*, Van Horn Pass area, 4880', 31° 03' 17.0" -104° 57' 04.4", 12-vi-1985 (S85-65) 6♂ 4♀; 6-vi-1991 (S91-47) 11♂ 11♀; 29-vi-2009 (S09-64) 10♂ 3♀. *Jeff Davis Co.*, Davis Mts., Observatory, 6747', 1-vii-2015 (S15-61) 4♂ 1♀; 2.9 road m below Observatory, 6010', 1-vii-2015 (S15-64) 1♂ 2♀; 3.2 road m below Observatory, 5935', 1-vii-2015 (S15-65) 5♂ 5♀. *Presidio Co.*, Chianti Mts., Hwy 67 Shafter, 3880', 27-v-2016 (S16-3) 4♂; 0.5 m N Shafter, 3856', 27-v-2016 (S16-2) 7♂ 15♀; 2.3 m S Shafter, 26-vi-1986, 3900' (S86-45) 3♂ 2♀. Hwy 170 E. Presidio, 2680', 27-v-2016 (S16-7) 1♂ 1♀. Hwy 170 39 m W Terlingua, 2660' 27-v-2016 (S16-8) 1♂; 30 m W Terlingua, 2600', 27-v-2016 (S16-9) 1♂.



**FIGURE 219.** Known distribution of *G. transpecos*.