

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

Mountain Wood Cricket

*Distribution.* Arizona and western New Mexico.

*Holotype*. Male (Fig. 203): Arizona, Cochise Co., Ramsey Canyon Reserve near Sierra Vista, 1-vi-2013, 5233', 31° 27' 34.7" -110° 17' 44.6". S13-17, R13-67, G2475. 16S GenBank accession # MK446561; ITS2 GenBank accession # MK441899. BL21.46, HF 11.4, LC 10.93. Right tegmen removed: 128 teeth, FL 3.35, TL 10.8, TW 4.55. Type deposited in CAS, Entomology #19266.

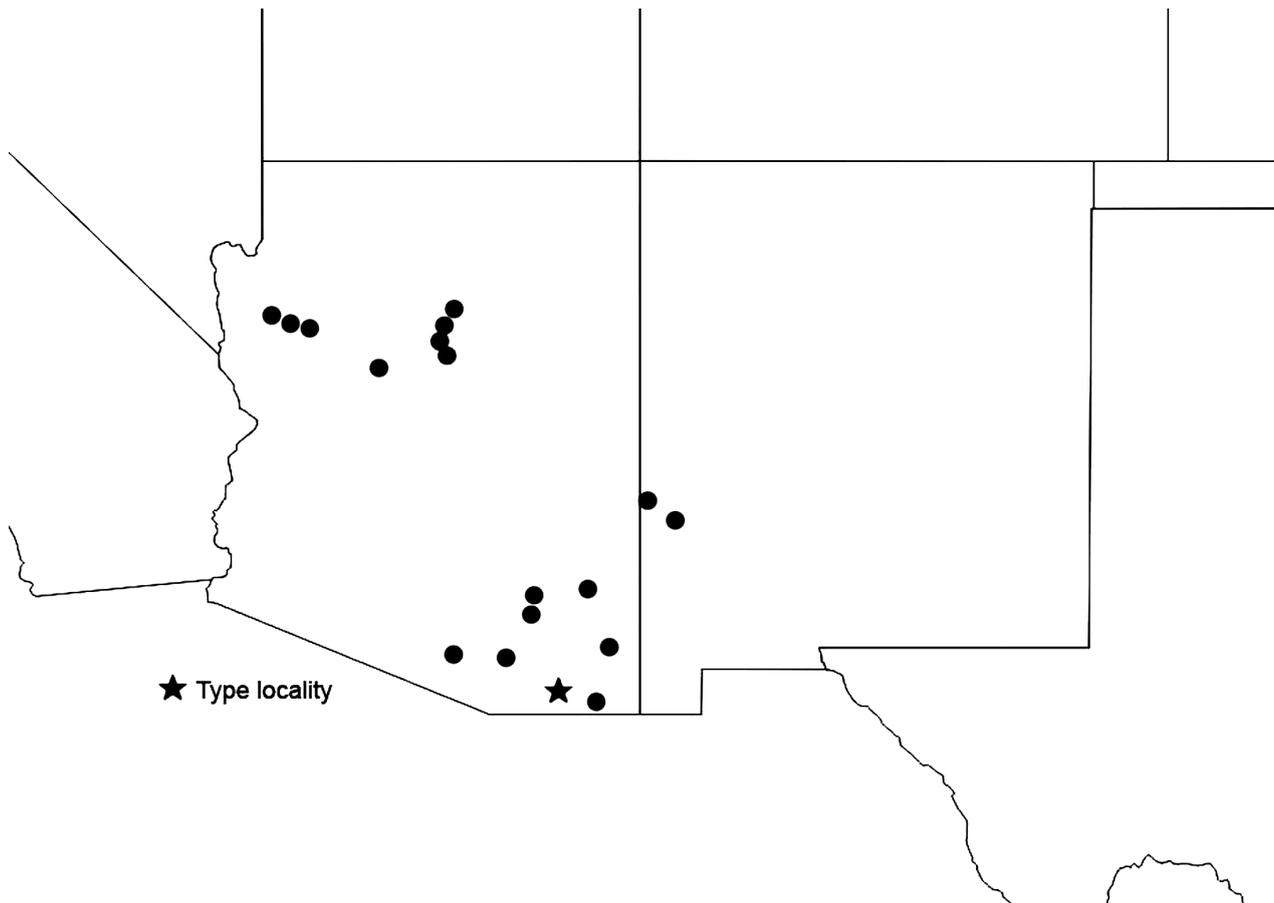


FIGURE 204. Known distribution of *G. montis*.

*Paratypes.* (267♂ 189♀). **Arizona: Clade 1:** Chiricahua National Monument, Visitor's Center, 5348', 2-vi-2013 (S13-21) 15♂ 10♀. Portal, Southwestern Research Station, 20-viii-2012, 5400' (S12-103) 1♂ 4♀. Chiricahua Mts., Herb Martyr Dam Campground, 5620', 22-vi-2008 (S08-51) 3♂ 1♀, DC Lightfoot. Cave Creek Canyon, Sunny Flat Campground, 5107', 21-vi-2008 (S08-50) 6♂ 3♀, DC Lightfoot. **Clade 2:** *Cochise Co.*, Bisbee, 5500', 1-vi-2013 (S13-18) 7♂ 6♀. Coronado National Forest, Reef Campsite, 29-ix-2012, 7150', 31.42873° -110.28987° (S12-123) 5♂ 2♀, all collected as nymphs. Huachuca Mts., Parker Canyon Lake, 7-iv-2004, 5400' 4♂. Ramsey Canyon Preserve, 1-vi-2013 (S13-17) 15♂ 18♀. *Pima Co.*, Kitt Peak, 17-vi-1990 (S90-52) 3♂ 4♀; picnic area at mile 10.5, 6277', 8-vi-2013 (S13-36) 9♂ 5♀. *Santa Cruz Co.*, Madera Canyon Rec Area, 4900', 26-vii-1990, (S90-79) 14♂ 12♀; 5-vii-1994 (S94-57) 7♂ 5♀; 11-ix-2010, as nymphs, 5887', 2010-082 1♂. Pajarito Mts., Sycamore Canyon, 4017', 8-iv-2004, 31.4303° -111.1895°, 1♂, as nymph. **Clade 3:** *Coconino Co.*, Sedona, 4680', 25-vi-1980 (S80-44) 2♂; 16-v-1995 (S95-37) 1♂; 12-vi-1996 (S96-62) 1♂. Hwy 89A 4 m N Sedona, 4900', 25-vi-1980 (S80-43) 1♂; 12-vi-1996 (S96-63) 3♂ 3♀; 15-vi-2007 (S07-60) 4♂ 8♀. Hwy 89A 6 m N Sedona, 5350', 15-vi-2007 (S07-59) 3♂. Hwy 89A 8.9 m N Sedona, 15-vi-2007 (S07-58) 2♂ 1♀. 9 m S Flagstaff on Hwy 89A, MP 390, 6500' 5-viii-1991 (S91-76) 10♂ 6♀. 15 m S Flagstaff on Hwy 89A, 6000', 25-vi-1980 (S80-42) 12♂ 13♀. *Graham Co.*, Pinaleno Mts., Hwy 366, Mt. Graham, 5000-8400', 4-vii-1994 (S94-53) 10♂ 3♀; 10-vi-2012, 7900' (S12-18) 11♂ 4♀. *Mohave Co.*, Hualapai Mt. Park, 6700', 19-vi, 1990 (S90-55) 11♂ 11♀; 3-viii-1991 (S91-62) 1♂ 2♀; 16-vi-2007 (S07-62, 63) 6♂ 1♀. Road between Hualapai Mt. Park and Kingman: 12.7 m SE Kingman, 6000', 3-viii-1991 (S91-63) 4♂ 5♀; 13-vi-2012 (S12-30) 15♂ 10♀. 11 m SE Kingman, 5700', 3-viii-1991 (S91-64) 2♂; 16-vi-2007 (S07-65) 2♂. 8.7 m SE Kingman, 5400', 19-vi-1990 (S90-56) 4♂; 3-viii-1991 (S91-65) 9♂ 8♀; 13-vi-2012 (S12-31) 3♂ 2♀. Mt. Lemmon Recreational Area, Mile 13, 5900', 27-vii-1990 (S90-81) 6♂ 1♀; 7-vii-1994 (S94-60) 8♂ 6♀; Mile 11.7, 5800', 27-vi-2009 (S09-50) 3♂ 4♀; Mile 11.3, 5840', 11-vi-2012 (S12-22) 8♂ 18♀. Oracle, 4260', 18-viii-1998 (S98-64) 4♀. *Yavapai Co.*, Prescott National Forest, Hwy 89A 25 m NE Prescott, 6820', 30-vi-1994 (S94-38) 7♂. Sedona Airport, 12-vi-1996, 5060' (S96-61) 2♂; 15-vi-2007 (S07-61) 1♂. **New Mexico: Clade 4:** *Catron Co.*, Reserve, 5870' 20-v-2001 (S01-39) 3♂. Hwy 12 2.2 m SW Reserve, 6020', 3-vii-1994 (S94-51) 10♂ 1♀

(female collected as last instar); 20-v-2001 (S01-40) 2♂ 1♀; 14-vi-2007 (S07-53) 2♂ 5♀. Hwy 180 1 m E AZ—NM border, 7880', 20-v-2001 (S01-41) 4♂, 1 male nymph; 14-vi-2007 (S07-54) 4♂ 3♀.