



FIGURE 15. Distribution of Morsei Group species.

Aglaothorax hulodomus Cole, Weissman, and Lightfoot, sp. nov.

Common name. Forest Home Shieldback.

Type material. HOLOTYPE MALE: USA, California, San Bernardino County, San Bernardino Mountains, State Highway 18, 0.7 mile W & E of Skyforest, 34.23528N, 117.19149W, 1750 m, 26-VII-1989, DB & DW Weissman leg., S89-56, R89-64, T89-39, DNA09-35, 3.55 [stridulatory file length], 102 [stridulatory file tooth count] excised tegmen in gelcap below specimen, deposited in CAS, Entomology type #20238.

PARATYPES: (n=71) USA, CA, Riverside Co., Cactus Spring Trailhead, 0.4 mi. S of SR74 on Pinyon Flats Sta. Rd., 33.5804, -116.4507, 1200 m, 28-29-VI-2004, JA Cole, LACM, 1♂; Chino Canyon, 1.5-3.5 mi. SW SR111, San Jacinto Mountains, 33.84662, -116.58295, 305 m, WR Icenogle, CAS, 1♂; Fern Valley, Idyllwild, 33.758631, -116.698074, 1737 m, 10-IX-1960, ER Tinkham, CAS, 1♂; same data except X-1958, ER Tinkham, CAS, 1♂; Idyllwild, 33.740021, -116.718908, 1646 m, 15-XII-1964, ER Tinkham, CAS, 1♀; same data except 28-VIII-1964, d Bryant, CAS, 1♂; Marion Canyon Campground, San Bernardino National Forest, 33.79278, -116.73222, 2012 m, 27-VIII-2020, JA Cole, J Bailey, LACM, 5♂; Pinyon Flat Campground, 14 miles southwest of Palm desert on SR74, 33.5856, -116.4570, 1219 m, 28-29-VI-2004, JA Cole, LACM, 1♂; same data except 28-29-VI-2005, JA Cole, LACM, 6♂; same data except 3-4-VII-2008, JA Cole, LACM, 2♂; San Jacinto Mountains, 0.5 km N of Idyllwild on Hwy. 243, 33.744526, -116.718908, 1676 m, 16-VIII-1982, d B Weissman, CAS, 1♂; San Jacinto Mountains, 11.3 miles N of Idyllwild on Hwy. 243, 33.903975, -116.718908, 1615 m, 16-VIII-1982, DB Weissman, CAS, 6♂, 1♀; Santa Rosa Mountains, 33.431421, -116.227785, 1-XI-1952, ER Tinkham, CAS, 1♂; SR371 East of Anza, 33.55944, -116.60528, 1375 m, 26-VIII-2020, JA Cole, J Bailey, LACM, 2♂; SR74 roadside through Santa Rosa Indian Reservation, 33.56139, -116.56750, 1503 m, 26-VIII-2020, JA Cole, J Bailey, LACM, 1♂; Whitewater Canyon, 3 mi. N of Hwy. 10 on Whitewater Canyon Rd., 33.9579, -116.6463, 431 m, 20-21-VI-2006, JA Cole, GL Miller, LACM, 4♂, 1♀; Whitewater Canyon, 33.9579, -116.6463, 20-VI-1974, ER Tinkham, CAS, 1♂; San Bernardino Co., same data as holotype, 1♂, 2♀; 0.4 mi. W Skyforest at Switzer Park Picnic Grounds, 34.235285, -117.186227, 1740 m, 20-VII-1992, d B Weissman, CAS, 1♀; 0.7 mi. W of Skyforest on Hwy. 18, 34.235284, -117.191491, 1707 m, 17-VIII-1982, d B Weissman, CAS, 2♂; Camp O-ongo, near Running Springs, 34.207786, -117.109205, 8-12-VIII-1966, CL Hogue, LACM, 1♂; same data except 1890 m, 16-22-VIII-1980, CL & JN Hogue, LACM, 1♂; San Bernardino Mts., Camp O-Ongo, 2.5 mi. NW of Running Springs, 34.22, -117.12, 1900 m, 21-VIII-1978, JN Hogue, CSUN, 1♀; same data except 22-28-VIII-1981, CL & JN Hogue, CSUN, 1♀; Forest Home, Mill Creek, 34.09009, -116.93140, 1859 m, X-1964, ER Tinkham, CAS, 1♂, 2♀; Hanna Flat Campground, San Bernardino National Forest, 34.28778, -116.97556, 2152 m, 10-11-VIII-2022, JA Cole, C Wong, LACM, 2♂; Mill Creek, 33.940314, -117.622585, no date, ER Tinkham, CAS, 1♀; Oak Glen beyond Penyoct Flat, 34.049457, -116.947804, 1487 m, X-1953, ER Tinkham, CAS, 1♂; San Bernardino Mountains, 0.8 mi. E Lake Arrowhead (City) on Highway 173, 34.248339, -117.175167, 1520 m, 20-VII-1992, d B Weissman, CAS, 4♀; San Bernardino Mountains, 34.125566, -116.876415, 10-IX-1957, ER Tinkham, CAS, 1♂; same data except 12-X-1952, ER Tinkham, CAS, 1♂, 1♀; San Bernardino Mountains, Mill Creek Road, 34.090712, -117.037165, 1463 m, 25-VII-1981, d C Lightfoot, d B Weissman, CAS, 1♂; San Bernardino, 34.088624, -117.280598, 13-X-1952, ER Tinkham, CAS, 1♂; Switzer Picnic Area, San Bernardino National Forest, 34.23284, -117.18608, 1724 m, 19-20-VII-2013, JA Cole, JF Eguizabal, AMNH, 1♂, 1♀; same data except LACM, 4♂; San Diego Co., Mariposa Ranch, Anza, 33.46161, -116.63947, 1287 m, 20-21-VII-2019, A Abela, LACM, 1♀.

Distribution. Moderate to high elevations in the Transverse and Peninsular Ranges of California including the San Bernardino, San Jacinto, and Santa Rosa Mountains. Populations exist at a wide range of elevations from 300 to 2150 m, the mode of elevation being 1600 m.

Material examined. (n=6) In addition to Type Material above, **All USA, CA, Riverside Co.**, Garnet Queen Creek at Santa Rosa Mountain Truck Trail, 33.543, -116.482, 1865 m, 3-IX-2005, JN Hogue, CSUN, 4♂, 1♀; **San Bernardino Co.**, Heaps Peak Arboretum, 34.23386, -117.16061, 1837 m, 19-20-VII-2013, JA Cole, JF Ramirez, 1♂ sound record.