



FIGURE 6. Distribution of Ovatus Group species.

Aglaothorax ovatus (Scudder, 1899)

Common name. Ovate Shieldback.

Type material. The holotype male is in the Academy of Natural Sciences of Philadelphia (ANSP). Images of the type are available at OSFO (Cigliano *et al.* 2025). The type locality of *ovatus* was narrowed to northern Los Angeles County (Rentz & Birchim 1968) where the fringes of the Mojave Desert meet the north slope of the San Gabriel Mountains. We specify the vicinity of Llano, Los Angeles County, California, USA as the type locality.

PARATYPES EXAMINED: (n=6) *longicauda* **USA, CA, Kern Co.**, E side of Sierra Nevada below Walker Pass, 35.662453, -118.026740, 1372 m, 28-V-1954, no collector, CAS, 1♀; Walker Pass, 35.662453, -118.026740, 22-VIII-1938, ER Tinkham, CAS, 5♂.

TOPOTYPES EXAMINED: (n=50) *ovatus* **USA, CA, Los Angeles Co.**, 2 miles S of State Highway 138 on County Road 4, 34.47615, -117.81777, 1280 m, 9-VI-1989, d B Weissman, d C Lightfoot, CAS, 3♂; 4.5 miles west of d esert Springs on Highway 138, 35.521625, -115.396298, 1-VI-1957, RX Schick, LACM, 1♂; Bob's Gap, 4 miles north of County Road N4 on Bob's Gap Road, 34.4550, -117.8139, 1300 m, 18-VI-2006, JA Cole, LACM, 2♂; County road N4 near Llano, 34.505828, -117.817841, 1280 m, 6-VIII-1988, d B Weissman & d C Lightfoot, CAS, 1♂; Largo Vista Road (county Road N4) at Fort Tejon Road, 34.46916, -117.76633, 1179 m, 14-VI-2017, JA Cole, LACM, 6♂; same data except JAC, 1♀; Largo Vista Road (county Road N4), 1 mile south of Fort Tejon Road, 34.4530, -117.7649, 1277 m, 22-VI-2008, JA Cole, LACM, 3♂; *longicauda* **USA, CA, Kern Co.**, 1.3 miles E of Walker Pass on State Highway 178, 35.662450, -118.003532, 1460 m, 5-VIII-1988, DB Weissman, DC Lightfoot, CAS, 2♂; Freeman Canyon, 1.5 miles southeast of Walker Pass on SR178, 35.6509, -118.0055, 1470 m, 10-VII-2003, JA Cole, JF Eguizabal, LACM, 3♂, 1♀; same data except JAC, 1♂; Freeman Canyon, 2 miles west of Summit on SR178, 35.6514, -118.0048, 1454 m, 13-14-VII-2005, JA Cole, LACM, 6♂; same data except 24-VI-2008, AMNH, 1♂; same data except JAC 1♂, 1♀; same data except LACM, 1♂, 1 pair in copula; Freeman Canyon, 3.3 miles northwest of SR14 on SR178, 35.62278, -117.95278, 1213 m, 31-V-2023, JA Cole, C Wong, LACM, 1♂; same data except JAC, 1♂, 1♀; Freeman Canyon, SR178 3 miles west of SR14, 35.62019, -117.9502, 1086 m, 28-V-2017, JA Cole, JAC, 2♂; same data except LACM, 3♂; Jawbone Butterbrecht Area of Critical Environmental Concern, SR178 at SR14, 35.60239, -117.91468, 1011 m, 28-V-2017, JA Cole; LACM, 4♂; same data except JAC, 2♂; Walker Pass, 35.662453, -118.026740, 1060 m, 18-VIII-1982, d B Weissman, CAS, 2♂.

Distribution. Distributed widely but locally across the Mojave Desert of California from the desert floor (624 m, JA Cole, LACM) to high elevations (1470 m, JA Cole & JF Eguizabal, LACM).

Material examined. (n=149) **All USA, CA, Inyo Co.,** Argus Mountains, NE of Ridgecrest, 35.622456, -117.670897, 1790 m, 7-16-IX-1995, GF Pratt, CAS, 1♂; Argus Range, Birchum Spring, 35.966502, -117.466261, 13-X-1995, G Pratt, CAS, 1♀; Argus, 35.747177, -117.395335, 18-VII-1973, K Beany, CAS, 1♂; China Lake NAWS, Haiwee Spring, 36.116988, -117.756274, 6-VI-2003, G Pratt, C Pierce, CAS, 2♂; China Lake NAWS, Lower Haiwee Spring, 36.116988, -117.756274, 18-V-1996, G Pratt, J Emmel, CAS, 1♂; China Lake NAWS, Mtn. Springs Cyn., 35.722282, -117.624163, 17-VII-1998, G Pratt, M van Tilborg, CAS, 1♂; China Lake NWC, Birchum Spring, 35.722282, -117.624163, 5-VIII-1995, G Pratt, C Pierce, CAS, 1♂; **Kern Co.,** 10 miles S of Inyokern, 35.501852, -117.812567, 7-VI-1962, GH Nelson and family, CAS, 2♀; 3 miles W of junction Hwys 178 and 14 on Hwy 178, 35.61919, -117.94957, 1158 m, 9-VI-1983, d B Weissman, CAS, 5♂; 3.7 mi. E Sopp Rd & Powerline Rd., 16-VI-1998, G Pratt, E van Baal, CAS, 2♂; 32 miles N of Mojave, 35.516665, -118.173965, 1006 m, 9-VI-1983, d B Weissman, CAS, 5♂, 1♀; 5 miles W of junction Hwys 178 and 14 on Hwy 178, 35.63757, -117.97683, 1341 m, 9-VI-1983, d B Weissman, CAS, 6♂, 1♀; about 0.5 miles S of junction Hwys 14 and 178 on Hwy 14, 35.59455, -117.90621, 945 m, 9-VI-1983, d B Weissman, CAS, 4♂; about 10 miles NW of Inyokern, Short Canyon, 35.749397, -117.938780, 1158 m, 9-VI-1983, d B Weissman, CAS, 7♂; Edwards AFB, East Rosamond Hills, 34.909421, -118.063683, 2-V-1996, G Pratt, B deyers, CAS, 1♂; Jawbone Canyon, 35.308294, -118.025905, 789 m, 8-VII-1973, E Rau, LACM, 2♂, 1♀; jct. Backus Road and Tehachapi Willow Springs Road, 34.95072, -118.29014, 725 m, 28-V-2009, d B Weissman, d C Lightfoot, CAS, 3♂; Mojave desert, Randsburg, 35.2833, -117.9333, 27-V-1073, AJ Gaudin, CSUN, 1♀; Red Rock Canyon Park, on plateau N of park off Highway 14, 30 mi. N Mojave, 35.487653, -118.173965, 28-VI-1976, PH Sullivan, CAS, 1♂, 1♀; Sierra Nevada, Jawbone Canyon, 35.308294, -118.025905, 23-V-2017, MM Dickson, CSUN 1♂; SR14, 4.5 miles south of SR178, 35.54594, -117.92847, 933 m, 28-V-2009, d B Weissman, d C Lightfoot, CAS, 1♂; Tehachapi Pass, 35.10219, -118.28369, 13-V-1953, LACM, 2♂; Wheeler Ridge, 35.004413, -118.949546, 294 m, 13-V-1953, LACM, 1♂; **Los Angeles Co.,** Los Angeles, 1-VII, Coquillett, USNM, 1♂; same data except VII, Coquillett, USNM, 1♂; Acton Canyon, Sierra Hwy., 0.5 mi. E Crown Valley Rd., 34.473883, -118.199520, 915 m, 20-VI-2003, JN Hogue, JA Cole, CSUN, 3♂; Edwards AFB, 165th St, 34.926088, -117.935068, 7-V-1997, G Pratt, C Pierce, CAS, 2♂; Mint Canyon, 34.429162, -118.442305, 15-V-1962, S Nakagawa, CSUN, 3♂; same data except V-1962, Frolich, CSUN, 1♀; Mojave, -35.052470, -118.173964, 840 m, 15-IV-1957, d M Horton, LACM, 1♂; Old Nadeau Road at Pearblossom Highway, 5 miles south of Palmdale, 34.5236, -118.0956, 903 m, 13-VI-2003, JA Cole, LACM, 2♂; Palmdale, 34.579434, -118.116461, 9-V-1941, EC Vanduyke, CAS, 1♂; Palmdale, 5 miles east, 34.579403, -118.028361, 29-IV-1956, F Sala, LACM, 1♀; Sierra Highway, 0.6 miles west of Crown Valley Road, Acton, 34.4936, -118.1834, 929 m, 13-VI-2003, JA Cole, J Hogue, LACM, 1♂; same data except 17-VI-2003, JA Cole, J Hogue, LACM, 3♂; same data except JAC, 1♂; same data except 18-19-VI-2008, JA Cole, LACM, 4♂; same data except 20-VI-2003, JA Cole, J Hogue, AMNH, 1♂, 1♀; same data except JAC, 1♂; same data except LACM, 1♀; same data except 23-VI-2005, JA Cole, LACM, 5♂; same data except 21-VI-2018, JA Cole, JAC, 1♂; same data except 25-V-2017, JA Cole, LACM, 5♂, 1♀; same data except JAC, 2♂, 1♀; Sierra Highway, 0.6 miles west of Crown Valley Road, Acton, 34.49393, -118.18736, 870 m, 29-VI-2003, d B Weissman, CAS, 13♂, 1♀; **San Bernardino Co.,** China Lake NAWS, Eagle Crags, Mesquite Spring, 35.401136, -117.017850, 9-VI-1995, G Pratt, C Pierce, CAS, 1♂; Coolgardie Road, 3.3 miles northwest of Copper City Road, 33.09538, -117.03453, 1095 m, 15-VI-2019, JA Cole, LACM, 3♂; same data except JAC, 1♂; Copper City Road, 4.7 miles north of Irwin Road, Barstow, 35.05157, -116.98058, 1131 m, 15-VI-2019, JA Cole, JAC, 1♂; Copper City Road, 5 miles north of Irwin Road, Barstow, 35.05585, -116.98421, 1160 m, 15-VI-2019, JA Cole, LACM, 4♂; same data except JAC, 1♂; desert Springs, 34.4333, -117.6333, 11-V-1955, no collector, CAS, 1♀; desert Springs, 34.4333, -117.6333, 1219 m, 25-VI-1956, ER Tinkham, CAS, 3♂; Granite Mountains wash, 2 miles southwest of SR247 off Spinel Street, 34.5574, -116.9882, 1004 m, 1-2-V-2013, JA Cole, LACM, 11♂; same data except JAC, 1♀; Mojave River, 35.045321, -116.305388, 1-VII-1937, R Miller, CAS, 1♀; Mountain Pass, 35.470260, -115.544998, 1400 m, 4-VIII-1991, d B Weissman, d C Lightfoot, CAS, 6♂, 1♀.