

and J. T. Polhemus (AMNH, JTP), 4♂♂, 5 ♀♀; Head of Lake Canyon near Nokai Dome Road, 4,200 ft, May 29, 1978, D. A. and J. T. Polhemus (AMNH), ♂, ♀; 2.7 mi W of Rt 95 on Rt 263, T37S R17E, 6000 ft, June 18, 1983, R. T. Schuh, M. D. Schwartz, ex *Ephedra torreyana* (AMNH), 2♂♂; 7.7 mi N of Mexican Hat on Rt 261, T41S R18E, 5,000 ft, June 17, 1983, R. T. Schuh, M. D. Schwartz, ex *Ephedra* sp. (AMNH), ♀. *Washington Co.*: 2 mi NW of Toquerville on Utah St. Rd 17, 3,800 ft, May 25, 1981, M. D. Schwartz ex *Ephedra viridis* (AMNH), ♀.

Merinocapsus pallipes (Knight), **New Combination**

Figs. 3, 4, 7, 17–20

Ankylotylus pallipes Knight, 1968:56.

Diagnosis. Distinguished from *ephedrae* and *froeschneri* by the pale head, hemelytra, venter and legs, the pronotum and scutellum partially suffused with red-orange, the labium reaching only about midway between the pro- and mesocoxae, and the structure of the vesica (Fig. 17).

Measurements: Total length: ♂, 3.55–3.75; ♀, 2.95–3.26, length apex tylus–cuneal fracture: ♂, 2.37–2.40; ♀, 2.12–2.22. Width head: ♂, 0.84–0.87; ♀, 0.82–0.85. Width vertex: ♂, 0.34–0.35; ♀, 0.40–0.41. Width pronotum: ♂, 0.95–1.00; ♀, 1.01–1.03. Length pronotum at midline: ♂, 0.39–0.44; ♀, 0.39–0.40. Length second antennal segment: ♂, 0.92–0.94; ♀, 0.84–1.04.

Male genitalia: Figures. 17–19.

Distribution. Figure 20. Southern Nevada, northeastern Arizona, east to eastern Utah.

Specimens examined. USA: **Arizona:** *Coconino Co.*: 27 mi E of Jacob Lake on Rt 89 Alt., June 24, 1980, R. T. Schuh, ex *Ephedra torreyana* (AMNH), ♂, 2♀. *Mojave Co.*: Virgin River Canyon, 0.35 mi SW of milepost 24 on Hiway 15, Purgatory Canyon, 2,600 ft, May 24, 1981, M. D. Schwartz, ex *Ephedra* sp. (AMNH), 2♂♂. **Nevada:** 35 mi N of Tonopah, Coyote Hole Spg./Sevier Resrvr., T8N R42E Secs 11, 23, 6,000 ft, June 30, 1983, Schuh, Schwartz, ex *Ephedra* sp. (AMNH), 4♀♀; Northumbland Canyon Rd, Toquima Mts., T14N R44E Sec 31, 6,400 ft, June 28, 1983, R. T. Schuh, M. D. Schwartz, ex *Ephedra* sp. (AMNH), 5♂♂, 6♀♀; *Nye Co.*: Mercury, 401M, June 20, 1965, H. Knight, J. Merino, on *Ephedra nevadensis* (USNM) ♂ [holotype]; Mercury, TM, June 14, 1965, Beck, H. Knight, J. Merino (USNM), ♀ [paratype]. **Utah:** *Grand Co.*: 11 mi SE of jct. Rds 313 and 163 on Rd 313 (road to Dead Horse Point), 5,200 ft, June 11, 1982, M. D. Schwartz, ex *Ephedra viridis* (AMNH), ♂, 2♀♀. *San Juan Co.*: The Goosenecks Overlook, 5,000 ft, June 17, 1983, R. T. Schuh, M. D. Schwartz, ex *Ephedra torreyana* S. Wats. (Ephedraceae) (AMNH), 7♂♂, 11♀♀; 1.2 mi W of Jct of Gooseneck Rd on Co. Rt 244, 5,000 ft, June 16, 1983, R. T. Schuh, M. D. Schwartz, ex *Ephedra torreyana* S. Wats. (Ephedraceae) and ex mercury vapor light (AMNH), 3♂♂, 4♀♀; 12 mi S of Rt 263, Glen Canyon Nat. Rec. Area, T40S R14E, 4,300 ft, June 17, 1983, R. T. Schuh, M. D. Schwartz, ex *Ephedra torreyana* S. Wats. (Ephedraceae) (AMNH), ♂, 5♀♀; Rt 63 at Arizona border, Monument Valley, 5,200 ft, June 16, 1983, Schuh, Schwartz, ex *Ephedra cutleri* Peebles (Ephedraceae) (AMNH), 4♂♂, 7♀♀. *Washington Co.*: 3.5 mi E of La Verkin, June 25, 1980, R. T. Schuh, ex *Ephedra* sp. (AMNH), 2♀♀.