

SCIENTIFIC NAME: *Andrena subapasta*
COMMON NAME: None; an andrenid bee
CLASS, FAMILY: Insecta, Andrenidae

ORIGINAL DESCRIPTION: Thorp, R.W. 1969. Systematics and ecology of bees of the subgenus *Diandrena* (Hymenoptera: Andrenidae). University of California Publications in Entomology 52:120, figs. 53-54 (labral process of female and male), and Map. 13 (distribution in California).

TYPE MATERIAL: *Holotype:* Female - California: El Dorado County; Cool, 29 Mar 1964, collected by J. Powell, taken on *Minuartia californica* (listed as *Arenaria californica*). *Allotype:* Male - same data (including floral record) as holotype except 21 Mar 1962. Types deposited in the California Academy of Sciences; holotype #10289. Two male paratypes from same locality, taken 21 Mar 1962 and 4 Apr 1964 are in the collections of the Essig Museum, U.C. Berkeley, and Robbin Thorp (U.C. Davis).

RANKING/STATUS: G1G3S1S3

GENERAL DESCRIPTION: Females are rather slender, dark olive-drab bees, about 7-8 mm in length. Males are similar, with bluish reflections on apical depressed margins of metasomal terga 2-4, and measure about 6-7 mm long.

DIAGNOSTIC CHARACTERS: Thorp states that "this species is most closely related to *A. apasta* and is distinguished from that species by its smaller size, lighter and more greenish integument, the narrow jugal lobe without an incision between it and the vannal lobe, the narrower and more deeply emarginate apex of the labral process, and the outer margins of the facial foveae which are adjacent to and parallel the inner margins of the eyes over their entire length."

OTHER ILLUSTRATIONS: There are no additional published illustrations of this species.

DISTRIBUTION: Thorp lists only 21 specimens from El Dorado, Placer, Sacramento, and San Joaquin Counties combined.

HABITAT: Most specimens with floral records are from grassland forbs.

LIFE HISTORY/BEHAVIOR: No detailed life history or behavior information on this species is published, but other species of the subgenus *Diandrena* are solitary, ground-nesting bees. See species abstract for *Andrena (Diandrena) blennospermatis* for an account of the nesting biology of that species.

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