

*Halictus helianthi*, n. sp. One female.

Length about 4 mm., anterior wing 3 mm.; head and thorax dark green, abdomen and legs piceous; hind margins of abdominal segments obscurely reddish; pubescence dull white; wings hyaline, iridescent, nervures and stigma testaceous. Head ordinary; eyes converging below; mandibles dark ferruginous, black at base; antennae dark, flagellum obscurely reddened beneath apically; tegulae piceous, strongly punctured; mesothorax dullish, finely and distinctly punctured; area of metathorax delicately sculptured.

Microscopic characters: Front densely punctured; a delicate keel between antennae; tegulae well punctured; mesothorax reticulated between the punctures, which are well separated on disc; area of metathorax with few, delicately wrinkled plicae, on a minutely reticulate surface, and with no sharp or shining edge posteriorly; scutellum rather sparsely punctured; abdomen with very minute scattered punctures, close to *H. perparvus* Ellis from Arizona, but *perparvus* differs thus: Mesonotum yellow-green, contrasting with the dark blue-green of rest of thorax (in *helianthi* no marked contrast; mesothorax is an obscure olive green); second and third abdominal segments not, or not noticeably, punctured (in *helianthi* very distinctly punctured in the sub-basal region, where the pigmentation is strongest); plicae of area of metathorax of same general type, but larger and more numerous, and the minute reticulation is stronger and yet more minute, producing the appearance of a very finely malleate surface (in *helianthi*, especially apically, there are very delicate mainly transverse lines); plumose hairs on posterior face of metathorax shorter. (The nearest relative in Southern California is *H. regulariformis* Crawford, which I took at La Jolla in August; this is larger than *helianthi* and has the mesothorax brighter, yellowish green.)

*Agapostemon texanus* Cresson. Two females.

*Melissodes aurigenia* Cresson. One female, collecting pollen; 7 males, three of them denuded.

*Pseudomelecta californica* Cresson. One female.

*Diadasia enavata* Cresson. One female, collecting pollen.

The absence of any species of *Andrena* and *Megachile* is noteworthy. A single *Bombus* was seen on the flowers, but not captured. No honey-bees were on the flowers, though they were in the vicinity.