

consider the insects to be variants of *P. piceus*; I believe that they represent a separate species. *P. cribripennis* differs from *P. piceus* in the conformation of the mandibles, the cribriform sculpture of the pronotum, the more clear cut sculpture (with the walls of the punctures more straight, not sloping as in *P. marginalis*, and in its anthracite black color and higher luster. Specimens of *P. piceus* generally have only the head and pronotum feebly shining and the elytra are more or less opaque.

I take pleasure in rectifying my error, and thank Dr. Van Dyke for having made it possible for me to do so. I also wish to thank Mr. Rupert L. Wenzel, Chicago Natural History Museum, for reading and correcting this manuscript and for valuable suggestions.

TWO PALAEARCTIC ORTHOPTERA ESTABLISHED IN THE UNITED STATES

(Mantidae, Tettigoniidae)

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In a lot of several thousand western Orthoptera sent to me for identification from the University of California I found specimens of *Phaneroptera quadripunctata* Brunner and a species of *Iris*. Being unable to arrive at a confident determination of the *Iris* I sent specimens to Dr. B. P. Uvarov of the British Anti-Locust Centre, who has made extensive study of the genus. He informs me that the mantis is *Iris oratoria* (L.) and also reassures me on the identification of the *Phaneroptera*. Specific records are:

IRIS ORATORIA (LINNAEUS)

Brawley, Calif., VII-11-1950, at light, 3 ♂ (K. W. Tucker); Imperial Valley, Calif., 1950, 2 ♂; Shafter, Calif., IX-6-48, 1 ♀ (R. V. C. Bosch) Sanger, Fresno County, X-14-50, 1 ♂ (O. G. Bacon); Palm Springs, VI-11-1940, 2 immature specimens (N. Reynolds); Palms to Pine Highway, 1000, V-24-1940, 1 immature (F. H. Rindge); Cathedral City, VIII-14-50, 1 ♂ (L. W. Isaak); Beaumont, VII-4-47, 1 ♀.

This mantis can be distinguished at once by the two tubercles on the frontal disc and the small spines at the tip of the middle and hind femora. Superficially it resembles a species of *Stagmomantis*.

PHANEROPTERA QUADRIPUNCTATA BRUNNER

Mountain View, Calif., Sept. 9 - Nov. 29, 1941, 4 ♂ and 1 ♀ (Kenneth Frick); IX-13-43, 1 ♀ (K. Frick); Niles, Calif., IX-16-32, 1 ♂.