



A taxonomic review of the *Crypticerya* species (Hemiptera: Coccoidea: Monophlebidae) of the southwestern United States and Mexico, including description of a new species from Baja California

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Table of contents

Abstract	1
Introduction	2
Material and methods	5
<i>Crypticerya</i> Cockerell	6
Key to the adult females of <i>Crypticerya</i> treated in this paper (including <i>C. genistae</i> and <i>C. minima</i>)	8
<i>Crypticerya bursera</i> sp.n.	8
<i>Crypticerya colimensis</i> (Cockerell)	12
<i>Crypticerya littoralis</i> (Cockerell).....	13
<i>Crypticerya mexicana</i> Cockerell & Parrott	17
<i>Crypticerya morrilli</i> (Cockerell)	20
<i>Crypticerya palmeri</i> (Riley & Howard)	23
<i>Crypticerya rileyi</i> (Cockerell).....	26
<i>Crypticerya tabernicola</i> (Ferris)	30
<i>Crypticerya townsendi</i> (Cockerell)	33
<i>Crypticerya tuberculata</i> (Morrison)	37
Acknowledgements	40
References	41

Abstract

A recent phylogenetic study of the scale insect tribe Iceryini (Hemiptera: Coccoidea: Monophlebidae) based on morphological and molecular data led to a revised generic classification, including redefinition of three genera, one of which was *Crypticerya* Cockerell. The new concept of *Crypticerya* encompasses 22 described species, all of which are found in the New World. Nine species are scattered throughout the deserts of the southwestern United States and Mexico. Here these species are redescribed and one new species, *Crypticerya bursera* **sp.nov.** is described from Baja California, Mexico. The adult female and first-instar nymph are illustrated for nine of the 10 species. A key to the adult females of the southwestern species and morphologically similar species of *Crypticerya* is provided.

Key words: Iceryini, taxonomy, North America deserts, *Acacia* sp., *Bursera microphylla*, *Brethesiella* sp., *Crypticerya genistae*