A taxonomic revision of the mealybug genus *Ferrisia* Fullaway (Hemiptera: Pseudococcidae), with descriptions of eight new species and a new genus

M. B. KAYDAN\(^1\) & P. J. GULLAN\(^{2,3}\)

\(^1\)Imamoglu Vocational School, Çukurova University, Adana, 01330, Turkey. E-mail: bkaydan@cu.edu.tr

\(^2\)Division of Evolution, Ecology and Genetics, Research School of Biology, The Australian National University, Canberra, A.C.T. 0200, Australia. E-mail: penelope.gullan@anu.edu.au

\(^3\)Department of Entomology, University of California, One Shields Avenue, Davis, CA 95616-8584, U.S.A.
The mealybug genus *Ferrisia* Fullway is revised to include 18 species, based on morphological and molecular data. We distinguish the widespread pest species *F. virgata* (Cockerell) from morphologically similar species and provide a revised description and illustration for the adult female of *F. virgata*. We resurrect *Dactylopius dasylirii* Cockerell stat. rev. from synonymy with *Dactylopius virgatus* Cockerell as *Ferrisia dasylirii* (Cockerell) and apply this name to many North American and Caribbean populations previously recognised as *F. virgata*; *D. dasylirii* is the most difficult to distinguish morphologically from *F. virgata* and exhibits morphological and molecular variation among some populations. We designate a lectotype for *D. dasylirii* Cockerell. Eight new species of *Ferrisia* are described and illustrated based on the adult female, and named as *Ferrisia colombiana* sp. n., *F. cristinae* sp. n., *F. ecuadorensis* sp. n., *F. kondoi* sp. n., *F. milleri* sp. n., *F. pitcairnia* sp. n., *F. uzinuri* sp. n., and *F. williamsi* sp. n. The relationships of five of these new species and five named species are discussed in relation to a previously published phylogenetic tree that was based on nucleotide sequence data. Taxonomically informative morphological features (such as the size, shape and position of discoidal pores associated with the dorsal enlarged tubular ducts and the ventral oral-collar tubular ducts), identified for each of the genetic groups (clades) on the tree, are used to help to diagnose the species. We also describe and illustrate the adult female of a form of *F. gilli* Gullan, found on *Magnolia* and some other host plants, that has numerous clusters of small ventral oral-collar ducts on the body margins. For seven named species—*F. claviseta* (Lobdell), *F. malvastra* (McDaniel), *F. meridionalis* Williams, *F. milleri* Kaydan & Gullan sp. n., *F. multiformis* Granara de Willink, *F. quaintancii* (Tinsley), *F. setosa* (Lobdell) and *F. terani* Williams & Granara de Willink—we provide revised illustrations of the adult females as well as diagnostic morphological notes and information on distribution and host plants. We also recognise *Eurycoccus copallinae* Ferris as a junior synonym (syn. n.) of *Dactylopius quaintancii* Tinsley (now *F. quaintancii*) and designate a lectotype for *E. copallinae*. We include photographs of the live appearance of the adult females of six *Ferrisia* species and also a key to all known species of *Ferrisia* based on the morphology of the adult females. We transfer the species currently known as *Ferrisia floridana* (Ferris) to a new monotypic genus, *Pseudoferrisia* gen. n., as *Pseudoferrisia floridana* (Ferris) comb. n., and provide a description of the genus and its type species (*Ferrisia floridana* Ferris), as well as a new illustration of the adult female.

**Key words**: striped mealybug, *Pseudoferrisia*, pest

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