Lectotypification of

*Chamaedorea ferruginea* (Arecaceae)

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Moore (1951) named and described *Chamaedorea ferruginea*, basing it on a 1939 collection of Richard Evans Schultes (*Schultes 905*) from 950 m elevation at Latani in the District of Choapam in northeastern Oaxaca, Mexico (Figs. 1–2). The specimen consists of a leaf and attached petiole and a staminate inflorescence. The leaf has fenestrate apical and basal pinnae and a densely ferrugineous-lepidote petiole, characters unknown in *Chamaedorea*, while the staminate inflorescence has nerved flowers with the petals connate apically and there adnate to the pistillode and the corolla opening by lateral slits, a character well documented in *Chamaedorea*. The characters of the leaf suggest *Reinhardtia elegans*, a species known to occur in that part of Oaxaca and easily mistaken for *Chamaedorea*.

In my monograph of *Chamaedorea* (Hodel 1992), I noted the anomalous nature of the type of *Chamaedorea ferruginea* and alluded that it was likely a mixed collection. Because I am preparing a treatment of *Chamaedorea* for *Flora Mesoamericana* and need to account for *C. ferruginea*, I am lectotypifying this species here, basing it on the staminate inflorescence only and excluding the leaf.

*Chamaedorea ferruginea* H. E. Moore, Gentes Herb. 8:236, t. 98. 1951. Type: Mexico, Oaxaca, *Schultes 905* (lectotype, here designated, inflorescence only, BH!).

The mixed holotype of *Chamaedorea ferruginea* could be lectotypified as either a *Chamaedorea* or a *Reinhardtia* because the inflorescence and the leaf are readily identifiable with these two genera, respectively. I chose *Chamaedorea* because Moore had originally assigned it to this genus, likely basing it on the staminate inflorescence; thus, I have lectotypified the inflorescence to retain its association with its original genus, *Chamaedorea*. This designation makes the *Reinhardtia* leaf an excluded syntype. For the Flora Mesoamericana, I treat *Chamaedorea ferruginea* as a synonym of *C. liebmannii*.

Acknowledgements

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1. The holotype of *Chamaedorea ferruginea*, Schultes 905, at BH. The lectotypified staminate inflorescence is on the right and the *Reinhardtia* leaf, now an excluded syntype, is on the left.
2. *Chamaedorea ferruginea*, original figure from Moore (1951), which is nearly an exact depiction of the actual herbarium sheet. The staminate *Chamaedorea* inflorescence is on the right and the *Reinhardtia* leaf, now an excluded syntype, is on the left. Reprinted from Gentes Herbarum 8: 232 (1951). Courtesy of L. H. Bailey Hortorium.
Literature Cited


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