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SINOPSIS DEL GÉNERO APODANTHERA (CUCURBITACEAE, CONIANDREAE)  
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### Abstract

This contribution reviews all 51 names (45 species and six varieties) published in *Apodanthera*, recognizing 23 species (one of them with two varieties), a doubtful taxon (*A. longipedicellata*), and seven excluded taxa (five of them excluded by former authors, and two in this work: *A. congestiflora* y *A. trifoliata*). Thirteen new synonyms are here proposed: *A. congestiflora*, *A. crispa*, *A. cucurbitoides*, *A. herrerae*, *A. latipetala*, *A. mandonii* var. *canescens*, *A. mandonii* var. *dissecta*, *A. moqueguana*, *A. mucronata*, *A. roseana*, *A. succulenta*, *A. undulata* var. *australis*, and *Willbrandia villosa*. A new combination is proposed: *A. linearis* var. *dissecta*; and lectotypes for the following 29 taxa are designated: *A. argentea* var. *angustifolia*, *A. aspera*, *A. biflora*, *A. cinerea*, *A. crispa*, *A. eriocalyx*, *A. fasciculata*, *A. galeotti*, *A. glaziovii*, *A. hatschbachii*, *A. herrerae*, *A. hirtella*, *A. laciniosa*, *A. lasiocalyx*, *A. mandonii*, *A. moqueguana*, *A. mucronata*, *A. palmeri*, *A. pedisecta*, *A. roseana*, *A. scabra*, *A. tumbeziana*, *A. undulata*, *A. undulata* var. *australis*, *A. weberbaueri*, *Guraniopsis longipedicellata*, *Wilbrandia dusenii*, *W. linearis*, and *W. sagittifolia*. This contribution also includes three keys to distinguish *Apodanthera* from its allied genera, a fourth key to identify sections and species within the genus, a complete list of studied specimens (670 herbarium sheets), original line-art illustrations for *A. mathewsii*, *A. undulata*, and *Doyerea emetocathartica*, illustrative schemes and pictures of the morphology of the genus, distributional maps, and a discussion on morphological characters, geographic distribution, and habitats of *Apodanthera*.

### Keywords

America, *Apodanthera*, Coniandreae, Cucurbitaceae, taxonomy.

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