



The nomenclatural history of *Cienfuegosia tuberculata* (Malvaceae)

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Abstract

The names *Cienfuegosia digitata* and *Cienfuegosia tuberculata* were published simultaneously by Cavanilles as alternate names for the same species. In another publication (Anonymous 1787) *Cienfuegosia tuberculata* was used for this species, but the alternative name, *C. digitata*, was not mentioned. The name *C. tuberculata* has not otherwise appeared or been accounted for in any subsequent literature until now. It is here formally stated to be a synonym of *Cienfuegosia digitata*.

Nomenclatural history

Antonio José Cavanilles published a well-known series entitled *Monadelphiae classis dissertationes decem* over the years 1785 to 1790. In the second of these ten dissertations Cavanilles (1786) published a description of the genus *Cienfuegosia* Cavanilles on an unnumbered page immediately preceding the plates in the back of the volume. In the third of these ten dissertations Cavanilles (1787) described and illustrated the single species that he included in his new genus. Here the genus is described on page 174 and the species, *Cienfuegosia digitata* Cavanilles, on pages 174–175. This description refers to plate 72, figure 2. The plate itself occupies a full (unnumbered) page, and the caption for this plate is found separately on page 185. Both the caption and the plate itself bear the name *Cienfuegosia tuberculata* for figure 2, rather than *C. digitata* as given on page 174. Moreover, the *Index* (p. 116) refers to this species (species number 259) as *Cienfuegosia tuberculata*. Thus, Cavanilles validly published two alternative names for a single species and provided no indication of preference of one or the other name. In subsequent literature, with one exception, this species is known as *C. digitata*, and the name *C. tuberculata* is nowhere acknowledged to exist, so far as we have been able to ascertain.

However, we have recently discovered a previously overlooked publication (Anonymous 1787), in which the first three dissertations of Cavanilles are reviewed and announced, with special attention to the ten new genera that Cavanilles had proposed therein, including *Cienfuegosia*. This publication has not been wholly overlooked, because it is cited in Stafleu & Mennega (1995: 468, #25122), but it has been overlooked nomenclaturally as a place in which the name *C. tuberculata* was accepted. In referring to *Cienfuegosia* and its single species, the anonymous author described them very fully and cited the illustration of Cavanilles. He used the name *Cienfuegosia tuberculata* instead of *C. digitata*, and did not mention *C. digitata* either as an alternative name or as a synonym. He paraphrased the generic description and translated it from Latin into French, but quoted the specific description verbatim in Latin.

Both publications can be dated as appearing in February 1787, explicitly so stated in Anonymous (1787), and inferred in the analysis given in Stafleu & Cowan (1976) for Cavanilles' *Tertia Dissertatio*. On the basis of internal evidence, the Anonymous paper appeared after the *Tertia Dissertatio* was available. Thus we may