

CLARIFICATION OF THE TYPIFICATION OF MICHAUX NAMES  
IN EASTERN NORTH AMERICAN *VITIS* (VITACEAE)

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ABSTRACT

The typification ascriptions of the four Michaux names in eastern North American *Vitis* are clarified given the confusion in the literature: *V. aestivalis*, *V. cordifolia*, *V. riparia*, and *V. rotundifolia*.

RESUMEN

Las adscripciones de tipificación de los cuatro nombres de *Vitis* de Michaux en el este de Norte América se clarifican dada la confusión en la bibliografía: *V. aestivalis*, *V. cordifolia*, *V. riparia*, y *V. rotundifolia*.

Uttal (1984) typified a large number of Michaux names for North American plants, including several in eastern North American *Vitis* L. (Vitaceae). Uttal provided a citation for each name that indicated the card number in the IDC microfiche set of the Michaux herbarium (IDC 1967) and the photo number on the card in which the selected element appeared. Uttal noted that: “[...] each such designation is equivalent to the selection of the specimen photographed as the holotype, if single, or lectotype if one of a series” (p. 5). However, he referred to the specimens only as “Type.” Unfortunately, this leaves readers to speculate as to whether Uttal considered a given cited specimen as a holotype or a lectotype. Fortunately, Art. 9.8 of the International Code of Botanical Nomenclature (ICBN; McNeill et al. 2006) allows for the correction of the mistaken use of a term for type, thus Uttal’s use of the term “Type,” abbreviated throughout his paper to “T,” is an error correctable to “Lectotype.” In 1991, Moore indicated lectotypes for the same Michaux names in *Vitis*, incorrectly labeling each as “here designated.” It remains unclear whether Moore (1991) was unaware of Uttal’s work (it was not cited) or whether he felt the ambiguity between the categories holo- and lectotype needed correction. In either case, unless demonstrably incorrect, Uttal’s typifications have priority and must be followed according to Art. 9.17 of the ICBN (McNeill et al. 2006). However, because the typifications of both Uttal and Moore do not coincide in all cases and as errors (regardless whether made by printer or author) are found in each, we seek to clarify the typification ascriptions of the four Michaux names in eastern North American *Vitis*. The typification statements of both Uttal and Moore are shown. The accepted typification is bolded.

*Vitis aestivalis* Michx., Fl. Bor.-Amer. 2:230. 1803.

**Uttal (1984, p. 62):** Lectotype (as “Type”): *a pennsylvania ad Carolinam*; P, IDC Michaux, microfiche no. 122, photo 17!  
Moore (1991): same lectotype designated as Uttal (1984).

*Vitis cordifolia* Michx., Fl. Bor.-Amer. 2:231. 1803. [= *V. vulpina* L.]

**Uttal (1984, p. 62):** Lectotype (as “Type”): *Hab. a Nova Anglia ad Carolinam*; P, IDC Michaux, microfiche no. 123, photo 3!  
Moore (1991): same lectotype designated as Uttal (1984).

*Vitis riparia* Michx., Fl. Bor.-Amer. 2:231. 1803.

Uttal (1984): “Type”: “*ad ripas et in insulis fluviorum Ohio, Mississippi, etc.*”; P, IDC Michaux, microfiche no. 122, photo 20!

**Moore (1991, p. 361):** Lectotype (as “Holotype”): “*ad ripas et in insulis fluviorum Ohio, Mississippi, etc.*”; P, IDC microfiche no. 122, photo 191, bottom specimen!

Photo 20 of fiche 122 contains no specimens, only labels and descriptive information for the specimens in photo 19, including a label

dated 1897 (“the two upper specimens seem to be *Vitis rupestris* Scheele”) and four labels for “*Vitis riparia*.” Uttal’s type citation for *V. riparia* (i.e., fiche 122, photo 20) includes only the label of the corresponding specimen cited by Moore as the holotype (here corrected to lectotype). The label reads: “ad ripas et insulas, Ohio, Mississippi.”

*Vitis rotundifolia* Michx., Fl. Bor.-Amer. 2:231. 1803.

**Uttal (1984, p. 62):** Lectotype (as “Type”): [*Hab. a Virginia ad Floridam*] P, IDC Michaux, microfiche no. 122, photo 21!

Moore (1991): “Lectotype”: *a Virginia ad Floridum*: P, IDC Michaux, microfiche no. 122, photo 20!

Uttal designated the element in photo 21 of fiche 122 as the type of *V. rotundifolia*. Because his study concentrated on the entire fiche set, we reasonably assume that Uttal was aware that *V. rotundifolia* was also represented by another specimen (fiche 123, photo 1). His selection of the element on fiche 122, photo 21, as the “type” (here corrected to lectotype) was a good choice as it is a better specimen, clearly showing the unbranched tendrils unique to subgenus *Muscadinia* (Planch.) Rehder in eastern North America. We interpret Moore’s designation of photo “20” as an inadvertent printing error, since he was obviously aware that this photo included only labels for elements mounted on another sheet (as evidenced by his careful discrimination among elements in the case of *V. riparia*; see above). He accepted photo 1, fiche 123 as a syntype.

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