

**Nomenclatural Note:****A second attempt for validation of the names *Senegalia x turneri*, *S. x zamudii*, and *Vachellia x ziggyi*****David S. Seigler**

Department of Plant Biology, University of Illinois, Urbana, Illinois 61801 seigler@life.illinois.edu

**John E. Ebinger**Emeritus Professor of Botany  
Eastern Illinois University, Charleston, Illinois 61920

and

**Catherine Glass**

Pacific Northwest College of Art, Portland, Oregon 97209

**KEY WORDS:** *Senegalia x turneri* Seigler & Ebinger, nothospecies nov. (*Senegalia berlandieri* x *S. wrightii*), *Senegalia x zamudii* Seigler, Ebinger & Glass, nothospecies nov. (*Senegalia berlandieri* x *S. reniformis*), *Vachellia x ziggyi* Seigler & Ebinger, nothospecies nov. (*Vachellia collinsii* and *V. pennatula*), name re-validation.

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Recently we published "*Senegalia x turneri* Seigler, Ebinger & Glass" (Seigler, Ebinger & Glass 2012: 447), "*Senegalia x zamudii* Seigler & Ebinger" (Seigler, Ebinger & Glass 2013a: 182) and "*Vachellia x ziggyi* Seigler, Ebinger & Glass" (Seigler & Ebinger 2013b: 298) as new hybrid taxa. The protologue of each taxon (i.e., "*Senegalia x turneri* Seigler, Ebinger & Glass", "*Senegalia x zamudii* Seigler & Ebinger" and "*Vachellia x ziggyi* Seigler, Ebinger & Glass") includes a description in English, listing of the names of the hybrid parents, and holotype citation. Unfortunately, as an act of oversight, for each of these three taxa, we cited the rank of the hybrid taxon as "nothomorph" (= variety; vide Melbourne Code Art. H12.2; McNeill & al. 2012).

Although our intention was to flag the binomials of "*Senegalia x turneri* Seigler, Ebinger & Glass", "*Senegalia x zamudii* Seigler & Ebinger" and "*Vachellia x ziggyi* Seigler, Ebinger & Glass" as "nothospecies", we inadvertently used the misplaced rank term "nothomorph", and thus the names "*Senegalia x turneri* Seigler, Ebinger & Glass", "*Senegalia x zamudii* Seigler, Ebinger, & Glass.", and "*Vachellia x ziggyi* Seigler & Ebinger" were not validly published (Arts. 5, 37.6).

In a subsequent publication, we attempted to validate the three names (Seigler, Ebinger & Glass 2015). However, our text statement was general ("Seigler, Ebinger & Glass 2012, 2013; Seigler & Ebinger 2013") and was not specifically linked to any one name's description as required by the Melbourne Code Arts. 38.13 and 41.5 (McNeill & al. 2012), and the names for "*Senegalia x turneri* Seigler, Ebinger & Glass", "*Senegalia x zamudii* Seigler & Ebinger" and "*Vachellia x ziggyi* Seigler, Ebinger & Glass" were again not properly validated.

We herewith correct the mistake and again attempt to validate the names "*Senegalia x turneri* Seigler, Ebinger & Glass" (Seigler, Ebinger & Glass 2012, 2015), "*Senegalia x zamudii* Seigler & Ebinger" (Seigler, Ebinger & Glass 2013a, 2015) and "*Vachellia x ziggyi* Seigler, Ebinger & Glass" (Seigler & Ebinger 2013b; Seigler, Ebinger & Glass 2015).

We also erred in using the epithet *zamudii* (honoring the type collector Sergio Zamudio (1953-)) and correct it as *zamudioi*

*Senegalia x turneri* Seigler, Ebinger, and Glass, **nothospecies nov.** (*Senegalia berlandieri* x *S. wrightii*). TYPE: UNITED STATES. TEXAS: Uvalde Co.: Harris Ranch near Cline, 20 miles W of Uvalde on route 90, 18 Aug 2003, *D.S.Seigler & J.E.Ebinger 15815* (holotype, ILL).

*Senegalia* × *turneri* Seigler, Ebinger & C.E.Glass, *Phytologia* 94(3): 447. 2012, nom. invalid.

*Senegalia x zamudioi* Seigler, Ebinger & Glass, **nothospecies nov.** (*Senegalia berlandieri* x *S. reniformis*). TYPE: MEXICO. Querétaro. Cañón del Río Extorax entre El Plátano y El Timbre, 900 m, 12 Dec. 1999, *S. Zamudio, E. Esparza & E. Zamudio 11241* (holotype, MEXU, photo of holotype at ILL).

*Senegalia* × *zamudioi* Seigler, Ebinger & C.E.Glass, *Madroño* 60(3): 182. 2013 (as "*zamudii*"), nom. invalid.

*Vachellia x ziggyi* Seigler & Ebinger, **nothospecies nov.** (*Vachellia collinsii* x *V. pennatula*). TYPE: MEXICO. Oaxaca. A 5 km al NE de San Pedro Tepanatepec, Distr. Juchitán, 200 m, 16 Dec 1978, *M. Sousa, L. Rico & P. Basurto 10157* (holotype: MO).

*Vachellia x ziggyi* Seigler & Ebinger, *Phytologia* 95(4): 298. 2013, nom. invalid.

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