

A Further Update on the Nomenclature and Typification of *Sabal yapa* (Arecaceae)

Una Actualización Adicional Sobre la Nomenclatura and Tipificación de *Sabal yapa* (Arecaceae)

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Dr. Rafaël Govaerts, a plant names expert at Royal Botanic Gardens, Kew, brought two problems with the nomenclature of *Sabal yapa* to my attention (pers. comm., 13 February, 2023).

According to Dr. Govaerts, I misinterpreted the Code (Turland et al 2018) relating to Note 1 of Article 52 in two articles about *Sabal yapa* (Moya et al. 2021, 2023). When naming *S. yapa*, Beccari (1907) wrote “*Corypha maritima* Humb. et Bonpl. Nov. Gen. et sp. pl. I, 298 ?,” (which is the basionym of *S. maritima*), apparently listing *C. maritima* as a synonym of *S. yapa*, making *S. yapa* a superfluous, illegitimate name. Indeed, I treated (Moya et al. 2021, 2023) the name *S. yapa* C. Wright ex Becc. as such. However, according to Dr. Rafaël Govaerts, Beccari’s placement of the question mark at the end of the phrase implicitly excluded *C. maritima* as a synonym and, thus, the name *S. yapa* C. Wright ex Becc. is not superfluous.

However, *Sabal yapa* C. Wright ex Beccari is incorrect authorship. When naming *S. yapa*, Beccari (1907: 64) attributed the name to “Wright Pl. Cubense no. 3971,” and “Sauvalle Fl. Cubana p. 152.” First, Beccari referred to *S. yapa* C. Wright, in Sauvalle (1871: 562), which is a *nomen nudum* and, thus, can have no ascription of *S. yapa* to C. Wright (Turland et al. 2018, Article 38). Second, Beccari referred to *S. yapa* C. Wright in Sauvalle (1873: 152), which is a later isonym, which also eliminates ascription of *S. yapa* to C. Wright. Thus, the correct name and authorship should be *S. yapa* Becc., not *S. yapa* C. Wright ex Becc., the latter how it is typically and currently written (Turland et al. 2018, article 46.4).

Beccari (1907) related various collections without defining a type, thus creating syntypes. Bartlett (1935: 36) published an effective lectotypification statement, “*description ex specimine typico cl.* C. Wright, no. 3971, Cuba, in US Nat. herb. No. 33398,” which fulfills all requirements of Article 7.11 (Turland et al. 2018). Thus, Bartlett’s statement constitutes lectotypification and the remaining 31 duplicates are isolectotypes.

In summary, the correct name and authorship are *Sabal yapa* Becc., Webbia 2: 64. 1907.

Sabal yapa Becc., Webbia 2: 64. 1907.

≡ *Inodes yapa* (Becc.) Standl., Publ. Field Columb. Mus., Bot. Ser. 3: 219. 1930. Type: CUBA. Pinar del Río province, Minas de Matahambre municipality, La Güira, Luis Lazo, 12 Dec. 1866, *Wright 3971* (lectotype, designated by Bartlett 1935: 36: US00087509; isoelectotypes: A00028542, A00028543, A00028544, B [destr.], F920958.1, F920958.2, FI052579.1 [frag. ex B], FI052579.2 [draw. of B, mix Sagra], GH00028545, GH00028546, GH00028547, GH00549119, GH00549126, HAC ex HABA.1!, HAC ex HABA.2!, HAC28877 [photo US87507!], HAC28874 [photo US87509!], HAC28878 [photo US87508!], K000462867, K000462868, K000462869, K000462870, NY00071241, NY00071242, NY00071243, NY1661990 [mix *Coccothrinax*], NY1661991, P00725549, P00725550, US00087507, US00087508).

= *Sabal mayana* Bartlett, Publ. Carnegie Inst. Wash. 461: 35. 1935. '*mayarum*' [Belize]

= *Sabal peregrina* L. H. Bailey, Gent. Herb. 6: 400. 1944. [Cultivated. USA, Florida]

= *Sabal yucatanica* L. H. Bailey, Gent. Herb. 6: 418. 1944. [México. Yucatán]

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Literature Cited

Bartlett, H. H. 1935. Botany of the Maya area: miscellaneous papers II. Publ. Carnegie Inst. Washington. Washington, DC. 461: 29–37.

Beccari, O. 1907. Le palme Americane della tribu delle Corypheeae. Webbia. 2: 1–343.

Moya López, C. E., Duno de Stefano, R. and R. Oviedo Prieto. 2021. Charles Wright and the Cuban Palms. 9. Update *Sabal yapa*. PalmArbor 2021-14: 1–30.

<https://ucanr.edu/sites/HodelPalmsTrees/files/361795.pdf>

Moya López, C. E., Duno de Stefano, R. and R. Oviedo Prieto. 2023. Legitimization of *Sabal yapa* (Arecaceae): classical versus common Latin. PalmArbor 2023-01: 1–7.

<https://ucanr.edu/sites/HodelPalmsTrees/files/378159.pdf>

Sauvalle, F. A. 1871. Flora Cubana, in Anales de la Academia de Ciencias Médicas Físicas y Naturales de la Habana. Revista científica 7: 560–566. Imp. La Antilla, de Cacho-Negrete. Habana.

Sauvalle, F. A. 1873. Flora Cubana [Sauvalle]. Imp. La Antilla, de Cacho-Negrete. Habana. 427 pp.

Turland, N. J., J. H. Wiersema, F. R. Barrie, W. Greuter, D. L. Hawksworth, P. S. Herendeen, S. Knapp, W.-H. Kusber, D.-Z. Li, K. Marhold, T. W. May, J. McNeill, A. M. Monro, J. Prado, M. J. Price, and G. F. Smith (eds.). 2018. International Code of Nomenclature for Algae, Fungi, and Plants (Shenzhen Code) adopted by the 19th International Botanical Congress, Shenzhen, China, July 2017. Reg. Veg. 159. Koeltz Botanical Books, Glashütten: <https://doi.org/10.12705/Code.2018>

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