

**ANTILLANTHUS DISCOLOR, THE CORRECT NAME FOR ANTILLANTHUS  
ALMIRONCILLO (M. GÓMEZ) B. NORD. (ASTERACEAE: SENECEONEAE)**

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**ABSTRACT**

The name *Antillanthus almironcillo* (M. Gómez) B. Nord. is shown to be illegitimate, and the correct combination ***Antillanthus discolor* (Griseb.) J. Girard.** is proposed to replace it. A lectotype is also designated for the basionym *Cacalia discolor* Griseb.

**KEY WORDS:** *Antillanthus*, Asteraceae, Caribbean, Compositae, Cuba, lectotypification, nomenclature, Senecioneae.

Collection and entry of data in 2010 for tribe Senecioneae in Wikispecies revealed that the name *Antillantus almironcillo* (M. Gómez) B. Nord. seemed illegitimate.

The oldest name for *Antillanthus almironcillo* is Grisebach's (1866: 157) *Cacalia discolor*. Replacement names were twice proposed in *Senecio* for *C. discolor*, because the heterotypic *Senecio discolor* (Sw.) DC. [≡ *Zemisia discolor* (Sw.) B. Nord.] blocked its transfer to that genus. Gómez de la Maza (1890: 277) proposed the name *S. almironcillo*, while Greenman (1912: 323), unaware of Gómez de la Maza's name, coined for it another name, *S. brittonii*. When Nordenstam (2006: 52) moved the species to his new genus *Antillanthus*, he cited in synonymy “*Cacalia discolor* Griseb., non DC.” to explain his use of Gómez de la Maza's name as his basionym, seemingly misinterpreting the legitimate *C. discolor* Griseb. as an illegitimate homonym of *Senecio discolor* DC.

Grisebach's protologue included the mention of “*Senecio discolor* Rich. cub. ex descr., non DC.” thus directly linking Grisebach's endemic Cuban novelty and the Cuban plants Richard (1850: 66) mistakenly confused with the endemic Jamaican taxon treated subsequently by Nordenstam (2006) as *Zemisia discolor*. It is clear that Grisebach is not citing de Candolle's name as a synonym of his new species. Bibliographic confusion among these two species continued, however, as may be inferred from Jackson (1893) who gave the current taxonomic name of both Cuban *Cacalia discolor* Griseb. (Jackson 1893: 365) and of Jamaican *Cineraria discolor* Sw. (Jackson 1893: 537) as *S. discolor*.

*Cacalia discolor* Griseb. is thus the oldest validly published and legitimate name for the species. The name *Antillanthus almironcillo* is illegitimate under ICBN article 52.1 (McNeil & al. 2006), and a correct combination is provided here.

Grisebach (1866) cited both *Wright 2870* and *Linden 2052*, which Richard (1850) had also cited, in his protologue. *Cacalia discolor* appears not to have been formally typified, although

Greenman (1912) and Nordenstam (2006) cited only *Wright 2870*. Nordenstam (2006) went so far as to cite *Wright 2870* as type (but without a herbarium citation) of *Antillanthus almironcillo*. Because two well-known Senecioneae specialists (Greenman and Nordenstam) based their concepts of this Cuban endemic upon the Wright collection(s), it seems best to formally cite *Wright 2870* in GOET as lectotype.

**ANTILLANTHUS DISCOLOR** (Griseb.) J. Girard, **comb. nov.** Basionym: *Cacalia discolor* Griseb., Cat. Pl. Cub.: 157. 1866. *Senecio almironcillo* M. Gómez, Anales Soc. Esp. Hist. Nat. 19(2): 277. 1890, non *Senecio discolor* (Sw.) DC., Prodr. 6: 412. 1837 [1838]. *Senecio brittonii* Greenm., Publ. Field Mus. Nat. Hist., Bot. Ser. 2(8): 323. 1912, nom. superfl. *Pentacalia almironcillo* (M.Gómez) Proctor, J. Arnold Arbor. 63(3): 312. 1982, non *Pentacalia discolor* (Sw.) H. Rob., J. Arnold Arbor. 63(3): 311. 1982. *Antillanthus almironcillo* (M. Gómez) B. Nord., Compos. Newslett. 44: 52. 2006. **LECTOTYPE: Cuba.** “Cuba occ.”, *Wright 2870* (lectotype, **designated here:** GOET, photo MO; presumed isolectotypes: GH, MO).

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#### LITERATURE CITED

- Gómez de la Maza, M. 1890. Catálogo de las periantias cubanas, espontáneas y cultivadas. Anales Soc. Esp. Hist. Nat. 19(2): 213–278.
- Greenman, J.M. 1912. New species of Cuban Senecioneae. Publ. Field Mus. Nat. Hist., Bot. Ser. 2(8): 323–328.
- Grisebach, A. 1866. Catalogus plantarum cubensium exhibens collectionem Wrightianam aliasque minores ex insula Cuba missas. Engelmann, Leipzig.
- Jackson, B.D. (editor). 1893. Index Kewensis plantarum phanerogamarum. Vol. 1. Clarendon, Oxford.
- McNeil, J. et al. (eds). 2006. International Code of Botanical Nomenclature (Vienna Code). Regnum Vegetabile 146. A.R.G. Gantner Verlag, Koenigstein.
- Nordenstam, B. 2006. New genera and combinations in the Senecioneae of the Greater Antilles. Compos. Newslett. 44: 50–73.
- Richard, A. 1850. *Fanerogamia o plantas vasculares* (pt. 2) in R. de la Sagra, Historia física política y natural de la Isla de Cuba. Vol. 11. Arthus Bertrand, Paris.
- Wikispecies. June 2, 2012. *Antillanthus almironcillo*. Wikispecies, free species directory. Wikimedia Foundation.  
<[http://species.wikimedia.org/w/index.php?title=Antillanthus\\_almironcillo&oldid=1500526](http://species.wikimedia.org/w/index.php?title=Antillanthus_almironcillo&oldid=1500526)>  
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