

Ayapana stenolepis (Steetz) R.M.King & H.Robinson, comb. nov. Eupatorium stenolepis Steetz in Seemann, Bot. Voy. Herald 148, 1854. Bolivia, Panama.

The combination is necessary for this name that takes priority over Ayapana pyramidalis (Klatt) K. & R. The older name is based on a panamanian type while the Klatt name was based on bolivian material.

Ageratina oaxacana (Klatt) R.M.King & H.Robinson, comb. nov. Eupatorium oaxacanthum Klatt, Abh. Naturf. Ges. Halle 15: 324, 1882. Mexico.

A duplicate of the type has been seen in material obtained on loan through the kindness of the Museum National d'Histoire Naturelle in Paris. A second immature specimen anotated by B.L.Robinson "Trapiche de la Concepcion de Comaltepec, Salle-Mexico" (BM) has also been seen.

Disynaphia praeficta (B.L.Robinson) R.M.King & H.Robinson, comb. nov. Eupatorium praefictum B.L.Robinson, Contr. Gray Herb. n.s. 68: 30. 1923. Brazil.

The species has the 5-flowered heads and the crowded spirally inserted leaves that are typical of the genus. The achene is unusually densely setiferous.

Cronquistianthus callacatensis (Hieron.) R.M.King & H.Robinson, comb. nov. Eupatorium callacatense Hieron., Engl. Bot. Jahrb. 36: 468. 1905. Peru.

The species seems more herbaceous than others presently known in the genus.

Critoniella leucolithogena (B.L.Robinson) R.M.King & H.Robinson, comb. nov. Eupatorium leucolithogenum B.L.Robinson, Contr. Gray Herb. n.s. 80: 25. 1928. Colombia.

Hebecclinium killipii (B.L.Robinson) R.M.King & H.Robinson, comb. nov. Eupatorium killipii B.L.Robinson, Contr. Gray Herb. n.s. 77: 21. 1926. Colombia.

The species of Critoniella was recently transferred into Hebeclinium even though the lack of convexity of the receptacle was noted (King & Robinson, 1975). The distinctive species has been reexamined and proves to be a Critoniella though the style branch is thicker than in other members of the genus. Examination of another Colombian species shows that it should be added to the genus Hebeclinium.

Reference

King, R. M. and Robinson, H. 1975. Studies in the Eupatorieae (Asteraceae). CXLVII. Additions to the genera Amboroea, Ayapanopsis, and Hebeclinium in South America. Phytologia 31: 311-316.

Acknowledgement

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Williams, Louis O. 1975. "A new Costa Rican Clidemia." *Phytologia* 32, 286–287.

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