

STUDIES IN THE HELIANTHEAE (ASTERACEAE). IX.

RESTORATION OF THE GENUS ALLOISPERMUM

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Studies of subtribal characters of the tribe Heliantheae show that Alloispermum must be resurrected from the synonymy of the genus Calea. The revived genus is a member of the subtribe Galinsoginae having clustered heads with the rays when present being epappose, the disk flowers being usually pappose.

The genus Alloispermum was described by Willdenow on the basis of Humboldt and Bonpland material. The genus was validly published but the only name ever published for the species under that genus was by de Candolle in 1836 in the synonymy of Allocarpus caracasanus. Although no mention of the Willdenow genus name occurs in Humboldt, Bonpland and Kunth's work, the name Allocarpus is evidently a substitute for the earlier Alloispermum.

The following names and combinations must be noted.

Alloispermum Willden., Ges. Naturf. Freunde Berlin
Mag. Neusten Entdeck. Gesammten Naturk. 1: 139.
1807. LT.: Allocarpus caracasanus HBK. present
designation. Syn.: Calydermos Lag., Gen. et Sp.
Nov. Pl. 24. 1816. Allocarpus HBK., Nov. Gen. et
Sp. 4: ed folio 228. 1818.

Alloispermum caracasenum (HBK) H. Robinson, comb. nov.
Allocarpus caracasanus HBK, Nov. Gen. et Sp. 4: ed
folio 229. 1818.

Galinsoga allocarpa Spreng., Syst. Veg. 3: 579.
1826.

Alloispermum divaricatum Willden. ex DC., Prodr. 5:
676. 1836. in synonymy.

Calea caracasana (HBK) O. Kuntze, Rev. Gen. 1: 324.
1891.

Calea sillaensis O. Kuntze, Rev. Gen. 1: 324. 1891.

Alloispermum integrifolium (DC.) H. Robinson, comb. nov.
Allocarpus integrifolius DC., Prodr. 5: 676. 1836.

Calea integrifolia (DC.) Hemsl., Biol. Centr. Amer.
Bot. 2: 205. 1881.

Alloispermum liebmannii (Sch.Bip. ex Klatt) H.Robinson,
comb. nov.

Calea liebmannii Sch.Bip. ex Klatt, Leopoldina 23:
145. 1887.

Calea leptcephala Blake, Contr. U.S. Nat. Herb. 22:
646. 1924.

Alloispermum lindenii (Sch.Bip. ex Wedd.) H.Robinson,
comb. nov.

Allocarpus lindenii Sch.Bip. ex Wedd., Chlor. And.
1: 74. 1856.

Calea lindenii (Sch.Bip. ex Wedd.) Blake, Contr.
U.S. Nat. Herb. 20: 540. 1924.

Alloispermum pachensis (Hieron.) H.Robinson, comb. nov.
Calea pachensis Hieron., Bot. Jahrb. 19: 56. 1894.

Alloispermum scabrum (Lag.) H.Robinson, comb. nov.

Calydermos scaber Lagasca, Gen. et Sp. Nov. Pl. 25.
1816.

Calydermos longifolius Lagasca, Gen. et Sp. Nov. Pl.
25. 1816.

Calea peduncularis HBK, Nov. Gen. et Sp. 4: ed fol.
252. 1818.

Calea scabra (Lag.) B.L.Robinson, Proc. Amer. Acad.
44: 625. 1909.

Alloispermum scabrifolium (Hook. & Arn.) H.Robinson,
comb. nov.

Allocarpus scabrifolius Hook. & Arn., Bot. Beechey
Voy. 300. 1840.

Ferdinanda oppositifolia Sch.Bip. in Seemann, Bot.
Voy. Herald 303. 1856.

Zaluzania oppositifolia (Sch.Bip.) Sch.Bip., Flora
44: 562. 1861.

Calea scabrifolia (Hook. & Arn.) Benth. & Hook.f.,
Gen. Pl. 2: 391. 1873.

Perymenium album S.Wats., Proc. Amer. Acad. 23: 154.
1890.

Allocarpus sabazioides Schlecht., Linnaea 9: 590.
1835 and its apparent synonym Tridax ehrenbergii Sch.
Bip. ex Klatt, Leopoldina 23: 145. 1887, have been
associated with this group. Material has not been
seen, but as described and photographed the species
has the heads single on long peduncles. The species
seems more likely to belong to the genus Sabazia.



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