

***Galium flavescens* BORBÁS ex SIMKOVICS (Rubiaceae) - correct nomenclature and lectotypification**

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Key Words: Rubiaceae, *Galium flavescens*, *G. ochroleucum*, *G. asparagifolium*; taxonomy, lectotype.

Galium ochroleucum has been described by KITAIBEL (in SCHULTES 1814). KERNER (1870) discovered that the name is a later homonym, and renamed the taxon as *G. asparagifolium* KERNER, thus creating a later homonym again. Borbás realised the situation, and proposed as new name *G. flavescens* (BORBÁS 1874).

BORBÁS (1874): "G. asparagifolium Kern. 1870 now [typographic error for non] Boiss. 1857. Vaskapunál sziklás helyken: ily confusio miatt helyesebb /flavescens/-nek nevezni." ["At Vaskapu, on rocky places: because of such a confusion it is more correct to name /flavescens/"]. The intention is more or less clear, but the form is not sufficient for a correct nomen novum in the sense of the Code (§33.1.: A combination (autonyms excepted) is not validly published unless the author definitely associates the final epithet with the name of the genus or species, or with its abbreviation.).

In the International Plant Names Index (<http://www.ipni.org/>) two sources are cited for *Galium flavescens* BORB.: "in Akad. Közl. xi. 7 (1874) 266; ex Kern. Sched. iii. 106"

The author of Scheda 958 in Kerner's Flora Exsiccata Austro-Hungarica is SIMKOVICS (material and schedae distributed 1883 – fide STAFLEU & COWAN 1979). *G. flavescens* is cited with reference to BORBÁS (1874) and all synonyms including their complete citations – thus validating the name as *Galium flavescens* BORBÁS ex SIMKOVICS.

Taxonomy

Galium flavescens BORBÁS ex SIMKOVICS, in schedis, Kerner Fl. exsicc. Austro-Hung., nr. 958 (1883); Sched. Fl. Exs. Austro-Hung. 3: 106 (1884).

Galium ochroleucum KIT. in SCHULTES, Österreichs Flora, ed. 2, Pars 1: 305 (1814), nom. illeg. [non *G. ochroleucum* WOLF apud SCHWEIGER & KOERTE (1811)]

Galium asparagifolium A. KERN., Oesterr. Bot. Zeitschr. 20: 327 (1870), nom. illeg. [non *G. asparagifolium* BOISS & HELDR., Diagn. plant nov. orient. 2, 6: 91 (1859)]

= *Galium flavescens* BORBÁS, Akad. Közl. 11/7: 266 (1874), nom. inval.

Lectotypus (hic designatus): *Galium ochroleucum* mihi / Descripta in Diar. it. 1810 / In rupibus ad Paulis, Sólymos // Herbar. Kitaibel 2058 / Mus. Nat. Hung. Fasc. VII No. 127 [BP].

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References

- BORBÁS V., 1874: Jelentés az 1873. évben Bánság területén tett növénytani kutatásokról. – *Mathematikai és Természettudományi Közlemények* 11: 213–291.
- EHRENDORFER F., KRENDL. F. & PUFF, CH., 1976: *Galium*. – In: TUTIN T.G. & al.: *Flora Europaea* 4: 14–36.
- KERNER A., 1870: Die Vegetations-Verhältnisse des mittleren und östlichen Ungarns und angrenzenden Siebenbürgens XXXVII. – *Oesterr. Bot. Zeitschr.* 20: 322–333.
- SCHULTES J.A., 1814: Österreichs Flora. Ein Handbuch auf botanischen Excursionen, enthaltend eine kurze Beschreibung der in den Erbstaaten des österreichischen Kaiserthumes wildwachsenden Pflanzen. 1. – Wien: Schaumburg.
- STAFLEU F.A. & COWAN R.S., 1979: *Taxonomic Literature*, H - Le, 2nd edition. – *Regnum vegetabile* 98.

**A new locality of *Cardiospermum halicacabum* L.
(Sapindaceae) in Crete (Greece)**

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Cardiospermum halicacabum is an invasive herbaceous annual vine with pantropical distribution, which has probably established some small populations in Crete within the last two decades (BERGMEIER E. 2007: Nomos of Iraklion, Eparchia of Pediáda: Chersonissos, 35°18'28"N, 25°24'07"E; – Eparchia of Kenourion: between Vagionia and Loukia, 35°00'21"N, 25°00'24"E; BÖHLING N. 2000: Nomos of Chania, Eparchia of Sélinon: Plemeniana, 35°19'N, 23°43'E; – Nomos of Iraklion, Eparchia of Kenourion: Lentas, 34°56'N, 24°55'E).

Recently a new locality has been found: Nomos of Iraklion, Eparchia of Pediáda: Lýttos (35°12'N, 25°21'E), alt. c. 480 m. Growing up in a vineyard along the fence line of the adjacent roadside, 15. 11. 2007, A. Igersheim 071115-2/1 (fruiting stage) [W 2009-00739]; – cultivated plant, 20. 7. 2008, A. Igersheim 080720-1/1 [W 2009-00738].

References

- BERGMEIER E., 2007: *Cardiospermum halicacabum* L. – In: GREUTER W. & RAUS TH. (eds.): *Med-Checklist Notulae*, 26. – *Willdenowia* 37(2): 440.
- BÖHLING N., 2000: *Cardiospermum halicacabum* L. – In: GREUTER W. & RAUS TH. (eds.): *Med-Checklist Notulae*, 19. – *Willdenowia* 30(2): 240.