

AUTHOR CITATION 'EX KRAUSS' IN NOMENCLATURE

In a number of recent articles on South African taxonomy, Krauss has been cited as the publishing author of species names, thus 'ex Krauss'.

C.F.F. Krauss was a collector who apparently did not describe the plants he collected, but used various specialists to describe them for him. These descriptions were put together for publication in a series of articles entitled *Pflanzen des Cap- und Natal-Landes gesammelt und zusammengestellt von Dr Ferdinand Krauss*. These articles appeared in the periodical *Flora*, Vols 27–29 (1844–1846). This information is clearly stated by Gunn & Codd in *Botanical exploration of southern Africa* (1981: 212).

The term 'ex' in the author citation of a plant name means that the person whose name follows the 'ex' was the person who validly published the plant name but was not the first person to **give** it a name (Jeffrey 1982: 89).

Consider the case of *Marchantia contracta* Bisch. ex Krauss cited in Bischler-Causse (1993). This author citation implies that Bischoff was the author of the name, but failed to fulfil all requirements for valid publication and that valid publication was later effected by Krauss. Bischoff, at the request of Krauss, provided the name and description and this was published by Krauss in *Flora* 29: 134 (1846). Therefore Bischoff is the sole author of the

plant name. According to Note 1 of Article 46.2 of the ICBN (Greuter *et al.* 1994) the word 'in' is sometimes used when the authorship of a plant name differs from the author of the publication in which it was validly published. It would therefore be 'Bisch. in Krauss' in the present example, but in such a case, 'in' and what follows are part of a bibliographic citation and are better omitted. The correct citation is therefore *M. contracta* Bisch.

A similar example published in *Flora* 27 (1844) is *Harpephyllum caffrum* Bernh. ex Krauss which appears in *Flora Zambesiaca* 2: 557 (1966). The correct citation is *H. caffrum* Bernh.

REFERENCES

- BISCHLER-CAUSSE, H. 1993. *Marchantia* L.: the European and African taxa. *Bryophytorum Bibliotheca* 45.
JEFFREY, C. 1982. *An introduction to plant taxonomy*, 2nd edn. Cambridge University Press, Cambridge.
GREUTER, W. *ET AL.* 1994. International code of botanical nomenclature adopted by the 15th International Botanical Congress, Yokohama, August–September 1993. *Regnum Vegetabile* 131.
GUNN, M. & CODD, L.E. 1981. *Botanical exploration of southern Africa*. Botanical Research Institute/Balkema, Cape Town.

B.A. MOMBERG*

* National Botanical Institute, Private Bag X101, Pretoria 0001.