

## **Validation of the binomials *Hieracium aristidens*, *Hieracium kintyricum* and *Hieracium sowadeense* (Asteraceae)**

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### **Abstract**

*Hieracium aristidens* P.D.Sell, *H. kintyricum* P.D.Sell and *H. sowadeense* P.D.Sell (Asteraceae), binomials illegitimately published without the location of the holotypes, are validated on P.D. Sell's behalf.

**Keywords:** International Code of Botanical Nomenclature; holotype

### **Introduction**

Three of the new *Hieracium* names published by P.D. Sell in Sell & Murrell (2006) are illegitimate under Article 40.7 of the International Code of Botanical Nomenclature (Turland et al., 2018) as the location of the holotypes was not stated; the binomials are hereby validated on P.D. Sell's behalf using the specimens he had selected as holotypes in the Cambridge University herbarium (**CGE**).

#### ***Hieracium aristidens* P.D.Sell *sp. nov.***

Carn Dearg, East Sutherland, v.c.107, 29 July 1975, A.G. Kenneth no. 8975 (**CGE**, no. 05888).

Validating description in Sell & Murrell (2006) *Flora of Great Britain and Ireland, Volume 4*, pages 539-540.

#### ***Hieracium kintyricum* P.D.Sell *sp. nov.***

Holotype: Largybaan ravine, Kintyre, v.c.101, 5 July 1969, A.G. Kenneth no. 56/69 (**CGE**, no. 05940).

Validating description in Sell & Murrell (2006) *Flora of Great Britain and Ireland, Volume 4*, page 550.

#### ***Hieracium sowadeense* P.D.Sell *sp. nov.***

Holotype: grassy, heathery, rocky crags at burnside, Burn of Sowa Dee, Sandwick, Mainland, Orkney, v.c.111, 23 July 1925, H.H. Johnston no. 3107 (**CGE**, no. 05998); isotypes **CGE, E**.

Validating description in Sell & Murrell (2006) *Flora of Great Britain and Ireland, Volume 4*, page 543.

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