

## NOTES ON BRITISH *HIERACIA* - I

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This paper makes valid the new names and combinations to be used in the Society's revised British Plant List. We are grateful to Mr. N. Y. Sandwith for his help in preparing the Latin descriptions.

**Hieracium hartii** (F. J. Hanb.) Sell & West, sp. nov.

*H. cerinthiforme* var. *hartii* F. J. Hanbury (1892), *J. Bot.*, **30**, 169; in Babington (1904), 240. *H. anglicum* var. *hartii* (F. J. Hanb.) F. N. Williams (1902), 95; Pugsley (1948), 69. *H. anglicum* var. *cerinthiforme* f. *hartii* (F. J. Hanb.) W. R. Linton (1905), 11. *H. mougeotii* subsp. *anglicum* var. *cerinthiforme* f. *hartii* (F. J. Hanb.) Zahn (1921), 186.

**Hieracium saxorum** (F. J. Hanb.) Sell & West, sp. nov.

*H. hypochaeroides* var. *saxorum* F. J. Hanbury (1892), *J. Bot.*, **30**, 209; in Babington (1904), 250; Williams (1902), 117; W. R. Linton (1905), 29; Pugsley (1948), 112. *H. wiesbaurianum* subsp. *hypochaeroides* var. *saxorum* (F. J. Hanb.) Zahn (1921), 264. *Lectotype*: Rhaiadr Falls, Montgomery, A. Ley, 1891, in Herb. Hanbury (Herb. Mus. Brit.).

**Hieracium dicella** Sell & West, nom. nov.

*H. furcelliferum* Dahlstedt (1934), *Rep. Bot. Soc. and Ex. Cl. Brit. Isles*, **10**, 475; non *H. furcelliferum* Omang (1927), *Skr. Vid-Akad. Oslo, Mat.-Nat.*, No. 4, 63.

**Hieracium subbritannicum** (A. Ley) Sell & West, sp. nov.

*H. stenolepis* var. *subbritannicum* A. Ley (1909), *J. Bot.* **47**, 12. *H. britannicum* var. *subbritannicum* (A. Ley) Pugsley (1948), 114. *Lectotype*: Craig Cille, Brecon, A. Ley, 1894, in Herb. A. Ley (Herb. Univ. Birmingham).

**Hieracium stenolepiforme** (Pugsley) Sell & West, sp. nov.

*H. britannicum* var. *stenolepiforme* Pugsley (1948), 114. *Holotype*: Cheddar, Somerset, E. F. Linton, 1890, in Herb. Mus. Brit.

**Hieracium uistense** (Pugsley) Sell & West, sp. nov.

*H. clovense* var. *uistense* Pugsley (1948), 117. *Holotype*: Ben Eaval, N. Uist, Shoolbred, 1894, in Herb. Hanbury (Herb. Mus. Brit.).

**Hieracium camptopetalum** (F. J. Hanb.) Sell & West, sp. nov.

*H. murorum* var. *camptopetalum* F. J. Hanbury (1894), *J. Bot.*, **32**, 228; in Babington, (1904), 253. *H. duriceps* var. *camptopetalum* (F. J. Hanb.) Pugsley (1948), 137. *Holotype*: Allt-na Caillich, Sutherland, Hanbury, 1888, in Herb. Hanbury (Herb. Mus. Brit.).

**Hieracium asteridiophyllum** Sell & West, sp. nov.

*H. pellucidum* var. *lucidulum* sensu Pugsley (1948), 141; non *H. lucidulum* (A. Ley) Roffey (1925).

Ab *H. pellucido* Laestad. foliis coriaceis floccosis, capitulis majoribus squamis involucri paulum pilosis differt.

*Caulis* ad 55 cm. altus, robustus, striatus, plerumque basi purpurascens, ubique paulum floccosus atque pilosus, sursum glanduloso-pilosus. *Folia* coriacea, opaca, saturate viridia, plerumque praecipue infra purpurascens; radicalia plerumque numerosa; primordialia subrotunda, rotundato-obtusa mucronulata, integra vel denticulis paucis minutis praedita, basi truncata, breviter petiolata; prima late ovalia usque ad ovata, rotundato-obtusa mucronulata, regulariter denticulata vel saepius dentibus brevibus acutis horizontalibus basin versus praedita, dentibus duobus basalibus saepius longioribus atque retrorsis, basi truncata; posteriora ovata usque ad ovato-lanceolata, subacuta acuta vel rarius acuminata, sursum denticulata, basin versus dentata dentibus brevibus horizontalibus acutis vel mammiformibus, basalibus nonnunquam retrorsis rarius pinnulas in petiolis satis brevibus praebentibus, basi truncata; caulina 1-2, inferiora ovata usque ad ovato-lanceolata, subacuta vel acuta, denticulata vel rarius inferne breviter dentata, basi truncata vel raro cuneata, petiolata, superiora si adsunt bracteiformia; omnia supra epilosa vel pilis paucis sparsis praedita, infra plus minusve pilosa, supra saepe infra plerumque floccosa, marginibus ciliatis, petiolis pilosis. *Inflorescentia* paniculato-corymbosa, 3-15-cephala, ramis gracilibus erectis acladium satis breve superantibus; pedunculi floccosi, pilis glandulosis brevibus obscuris numerosis necnon aliis simplicibus raris obscuris praediti. *Involutura* mediocria, basi rotundata. *Squamae* in gemmis incumbentes, nigrescenti-virides, lineari-lanceolatae, acutae, plus minusve floccosae, subsenescentes, pilis glandulosis obscuris multis necnon aliis simplicibus paucis longis obscuris praeditae. *Ligulae* apice glabrae. *Styli* lividi. *Alveoli receptaculi* marginibus breviter dentatis. *Achaenia* nigrescentia, 3 mm. longa.

Stem up to 55cm. high, robust, striate, usually purplish at the base, slightly floccose and pilose throughout, becoming glandular upwards. Leaves coriaceous, dull, dark green, usually suffused with purple beneath and less so above; the radical usually numerous; the primordial subrotund, rounded-obtuse-mucronulate, entire or with a few minute denticulations, truncate-based, shortly petioled; the earlier broadly oval to ovate, rounded-obtuse-mucronate, uniformly denticulate or more frequently with shallow, horizontal, sharp teeth towards the base, the two basal often longer and retrorse, base truncate; the later ovate to ovate-lanceolate, subacute to acute or occasionally acuminate, denticulate above becoming dentate below, the teeth shallow, horizontal and sharp, or mammiform, the basal sometimes retrorse, in extreme cases occurring as pinnae on the rather short petioles, truncate-based; cauline leaves 1-2, the lower ovate to ovate-lanceolate, subacute to acute, denticulate or occasionally shallowly dentate below, truncate-or rarely cuneate-based, petiolate, the upper when present bractlike; all epilose or with a few scattered pili above,  $\pm$  pilose beneath, often floccose above, usually  $\pm$  floccose beneath, the margins ciliate, petioles pilose. Inflorescence paniculate-corymbose, 3-15-headed, with slender, erect branches exceeding the rather short acladium, the peduncles floccose, with numerous short, dark glands and occasional dark hairs. Heads medium, rounded at the base. Phyllaries incumbent in bud, blackish-green, linear-lanceolate, acute,  $\pm$  floccose, slightly senescent, with many dark glands and a few long dark hairs. Ligules glabrous-tipped. Styles livid. Margins of the receptacle pits shortly dentate. Achenes blackish, 3 mm. long. *Holotype*: Daren Cilau (Craig Cille), Brecon, C. West, 1952, in Herb. Univ. Cantab.

**Hieracium glevense** (Pugsley) Sell & West sp. nov.

*H. exotericum* var. *glevense* Pugsley (1948), 144.

*Holotype*: Chalford, Gloucester, Riddelsdell, 1920, in Herb. Mus. Brit.

**Hieracium snowdoniense** Sell & West sp. nov.

*H. pulcherrimum* sensu Pugsley (1948), 147; non (F. J. Hanb.) Roffey (1925).

Ab *H. duricipiti* F. J. Hanb. squamis involucri epilosis ligulis glabris, ab *H. pellucido* Laestad. forma indumentoque foliorum differt.

*Caulis* ad 40 cm. altus, striatus, basi parce pilosus, plus minusve floccosus, superne sparse glanduloso-pilosus. *Folia* pallide viridia, saepe praecipue infra purpureo-suffusa, radicalia patentia; primordialia parva, rotundata, mucronata, remote denticulata, basi truncata; posteriora obovata, ovata vel ovato-elliptica, obtusa mucronata usque ad acuta, plerumque ab omni parte denticulata, nonnunquam vix alte sinuata vel basin versus cuneatam vel raro subtruncatam acute atque alte dentata; caulina 1-3, inferiora elliptico-ovata, acuta, similiter dentata, basi cuneata vel subtruncata, petiolata usque ad subsessilia, superiora plerumque parva bracteiformia; omnia utrinque plus minusve pilosa, pilis paginae superioris brevibus subsetiformibus, marginibus valde ciliatis, petiolis breviusculis villosis. *Inflorescentia* paniculato-corymbosa, compacta, ad 20-cephala, acladio brevi ramis brevibus erectis; pedunculi floccosi, pilis rigidis inaequalibus nigris glandulosis dense induti. *Involucra* satis parva, inferne rotundata. *Squamae* in gemmis incumbentes, nigrescenti-virides, intimae pallidiores, lineari-lanceolatae, acutae, marginibus floccosis, subsenescentes, pilis glandulosis densis inaequalibus nigris indutae, pilis simplicibus nullis. *Ligulae* aureae, apice glabrae. *Styli* lividi. *Alveoli* receptaculi marginibus inciso-dentatis. *Achaenia* nigrescentia, 2.5-3 mm. longa.

Stem up to 40 cm. high, striate, sparingly pilose at the base,  $\pm$  floccose, sparsely glandular above. Leaves light green, often suffused with purple, especially beneath; the radical spreading; the primordial small, rotundate, mucronulate, remotely denticulate, truncate based; the later obovate, ovate, or ovate-elliptic, obtuse-mucronate to acute, mostly denticulate throughout, sometimes shallowly sinuate or sharply and deeply dentate towards the cuneate or occasionally subtruncate base; the cauline 1-3, the lower elliptic-ovate, acute, toothed like the radical leaves, cuneate-or subtruncate-based, petiolate to subsessile, the upper usually small and bractlike; all  $\pm$  pilose on both surfaces, the hairs on the upper surface short and subsetiform, the margins strongly ciliate, the petioles rather short, villous. Inflorescence paniculate-corymbose, compact, up to 20-headed, with short acladium and short, erect branches; peduncles floccose and densely clad with strong, unequal, black, glandular hairs. Heads rather small, rounded below. Phyllaries incumbent in bud, blackish green, the innermost paler, linear-lanceolate, acute, floccose on the edges, slightly senescent, with dense, unequal, black glandular hairs. Ligules golden yellow, glabrous-tipped. Styles livid. Margins of the receptacle pits incise-dentate. Achenes blackish, 2.5-3 mm. long.

*Holotype*: Ysolion Duon, Caernarvon, Griffith, 1893, in Herb. A. Ley (Herb. Univ. Birmingham).

#### ***Hieracium angustatifforme* Sell & West, sp. nov.**

Ab *H. angustato* Lindeb. ac *H. rhomboide* (Stenstr.) Johans. squamis involucri pedunculisque minus glanduloso-pilosis, foliorum marginibus valde ciliatis differt, praeterea ab *H. cacuminum* (A. Ley) A. Ley foliis aequaliter serratis distinguitur.

*Caulis* ad 40 cm. altus, gracilis, striatus, inferne vel nonnunquam per totam longitudinem purpurascens, glabrescens. *Folia* obscure viridia; radicalia numerosa atque patentia, ovato-elliptica, elliptico-lanceolata vel lanceolata, obtusa mucronata usque ad acuta, tenuiter aequaliter acute serrata, basi cuneata; caulina 0-2, inferiora lanceolata usque ad lineari-lanceolata, acuta, tenuiter serrata vel denticulata, petiolata vel sessilia; omnia supra glabra infra plus minusve pilosa, marginibus longe ciliatis, petiolis longe pilosis. *Inflorescentia* furcato-corymbosa, 1-4-cephala, ramis sublongis gracilibus suberectis acladium longum superantibus; pedunculi paulum floccosi atque pilosi. *Involucra*

mediocria, inferne plus minusve rotundata. *Squamae* in gemmis incumbentes, saturate virides, interiores pallidiores, lanceolato-subulatae, plerumque subacutae, inferne paulum floccosae, pilis simplicibus obscuris inaequalibus necnon aliis glandulosis paucis minutis praeditae. *Ligulae* apice glabrae. *Styli* lutei. *Alveoli receptaculi* marginibus breviter dentatis. *Achaenia* nigrescentia, 3-3.5 mm. longa.

Stem up to 40 cm. high, slender, striate, purplish below, sometimes throughout, glabrescent. Leaves dull green; the radical numerous and spreading, ovate-elliptic, elliptic-lanceolate or lanceolate, obtuse-mucronate to acute, sharply, finely and regularly serrate, cuneate-based; the cauline 0-2, the lower lanceolate to linear-lanceolate, acute, finely serrate or denticulate, petiolate or sessile; all glabrous above and  $\pm$  pilose beneath, with long ciliate margins, petioles long-pilose. Inflorescence furcate-corymbose, 1-4-headed, with  $\pm$  long, slender, suberect branches exceeding the long accladium; peduncles slightly floccose and pilose. Heads medium,  $\pm$  rounded below. Phyllaries incumbent in bud, dark green, inner paler, lanceolate-subulate, mostly subacute, slightly floccose below, with dark, unequal hairs, and occasionally with a few minute glands. Ligules glabrous-tipped. Styles yellow. Margins of the receptacle pits shortly dentate. Achenes blackish, 3-3.5 mm. long.

*Holotype* : Craig Cerrig-glesiad, Brecon, Sell (no. 53/116), 1953, in Herb. Univ. Cantab.

***Hieracium radyrense*** (Pugsley) Sell & West, sp. nov.

*H. lachenalii* var. *radyrense* Pugsley (1948), 216.

*Holotype* : Radyr, Glamorgan, Riddelsdell, 1910, in Herb. Mus. Brit.

***Hieracium gratum*** Sell & West, nom. nov.

*H. demissum* var. *pulchelliforme* W. R. Linton (1905), 73. *H. demissum* subsp. *demissum* var. *pulchelliforme* (W. R. Linton) Zahn (1921), 885. *H. pulchelliforme* (W. R. Linton) Pugsley (1946), *J. Ecol.*, **33**, 346; (1948), 221; non *H. pulchelliforme* Dahlstedt ex Omang (1944), *Nytt. Mag. Naturvidensk, Oslo*, **84**, 151.

***Hieracium vinicaule*** Sell & West, nom. nov.

*H. crocatum* var. *vinaceum* Beeby (1908), *Ann. Scot. Nat. Hist.* 115. *H. vinaceum* (Beeby) Pugsley (1946), *J. Ecol.*, **33**, 346; (1948), 227; non *H. vinaceum* Johansson et Samuelsson (1923), *Dalarnes Hier. Silvat.* 90.

*Lectotype* : Roeness Voe, Northmaven, Shetlands, Beeby (no. 1087), 1891, in Herb. Mus. Brit.

***Hieracium acamptum*** Sell & West, sp. nov.

*H. cantianum* var. *subrigidum* E. F. Linton ex Hanbury (1904), in Babington 263; W. R. Linton (1905), 80; Pugsley (1948), 265.

***Hieracium salticola*** (Sudre) Sell & West, sp. nov.

*H. virgultorum* microg. *dispatulum* var. *salticolum* Sudre (1902), *Hier. Cent. France*, 24.

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