

Amendments to the British *Rubus* list

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ABSTRACT

The revision of the British *Rubus* list requires the publishing of three new combinations (*R. pliogenicus* (W. C. R. Wats.) Edees & Newton, *R. plymensis* (Focke) Edees & Newton and *R. cantianus* (W. C. R. Wats.) Edees & Newton), two new names (*R. curvispinosus* and *R. trelleckensis*) and eight new species (*R. leucandriformis*, *R. pervalidus*, *R. brevistaminosus*, *R. lanaticaulis*, *R. infestisepalus*, *R. obscuriflorus*, *R. angloserpens* and *R. erythrops*).

1. *Rubus leucandriformis* Edees & Newton, **sp. nov.**

R. leucandrus sensu W. C. R. Wats., Handb. Rubi Gt Brit. & Ireland, 70, f. 12 (1958), non Focke in Alpers, Verz. Gefäßspfl. Landdr. Stade, 27 (1875)

Frutex robustus, eglandulosus. Turio angulatus subglaber, aculeis nonnullis e basi lata rectis vel declinatis armatus. Folia 5–nata magna viridia imbricata, supra glabra, infra pilosa; foliolium terminale late ovatum, plicatum, basi \pm cordatum, late acuminatum, aequaliter et haud profunde crenatum vel dentatum. Inflorescentia laxa subpyramidata, apice subcorymbosa; ramuli infimi longi acute adscendentes. Rachis pilosa aculeis curvatis numerosis instructa. Sepala reflexa viridia pilosa albomarginata. Flores magni. Petala alba, elliptica vel obovata. Carpella \pm glabra.

HOLOTYPE: Hengistbury Head, GR 40 16.90, S. Hants., v.c. 11, 26.7.1972, *A. Newton* (**herb. A.N.**)

2. *Rubus pliogenicus* (W. C. R. Wats.) Edees & Newton, **comb. et stat. nov.**

R. egregius var. *pliogenicus* W. C. R. Wats., Lond. Nat., 31, Suppl.: 98 (1952)

3. *Rubus pervalidus* Edees & Newton, **sp. nov.**

R. atrocaulis sensu W. C. R. Wats., Handb. Rubi Gt Brit. & Ireland, 85 (1958), non P. J. Muell., Pollichia, 16–17: 163 (1859)

Turio angulatus rufescens, leviter pilosus, glabrescens, aculeis numerosis longis validis patentibus armatus. Folia digitata, foliolis supra subglabris, subtus canescenti-tomentosis, \pm aequaliter serratis; foliolium terminale suborbiculare, breviter acuminatum, basi subcordatum; petiolus aculeis curvatis munitus. Ramus florifer pilosus, aculeis multis longis validis patentibus vel parum declinatis vel curvatis armatus, foliola illis caulibus pilosiora ad basin cuneata ferens. Inflorescentia variabilis, nunc apicem versus lata ramulis inferioribus longis, nunc cylindrata pedunculis subaequalibus instructa. Sepala reflexa. Petala obovata, c. 12 \times 8 mm. rosea. Stamina dilute rosea stylos pallidos vel ad basin rufescentes parum superantia.

HOLOTYPE: Broad Strood, Epping Forest, GR 51 4.9, S. Essex, v.c. 18, 7.8.1937, *W. C. R. Watson* as *R. atrocaulis* P. J. Muell. (**herb. E. S. Edees** 13095)

4. **Rubus curvispinosus** Eedes & Newton, **nom. nov.**

R. curvispinis W. R. C. Wats., Rep. botl Soc. Exch. Club Br. Isl., **9**: 261 (1931), non Foerster, Fl. excurs. Aachen, 96 (1878)

LECTOTYPUS: Christchurch, S. Hants., v.c. 11, 6 8 1893, *E. F. Linton* as *R. dummoniensis* Bab., Set of British Rubi no. 27 (CGE)

5. **Rubus brevistaminosus** Eedes & Newton, **sp. nov.**

R. braeuckeri sensu W. C. R. Wats., Handb. Rubi Gt Brit. & Ireland, 105 (1958), non G. Braun, Herb. Rub. Germ. no. 85 (1877)

Turio sulcatus, pilis brevibus sparsim vestitus, pruinosis, glandulis breviter stipitatis rarioribus vel rarissimis munitus, aculeis numerosis declinatis vel curvatis armatus. Folia quinata, foliolis undique viridibus et leviter pilosis, supra glabrescentibus, \pm aequaliter serratis; foliolium terminale obovato-oblongum, cuspidato-acuminatum, basi emarginatum vel truncatum; petiolus aculeis multis falcatis munitus. Ramus florifer aculeis valde declinatis curvatis armatus. Inflorescentia laxae pyramidata, inferne ramulis adscendentibus axillaribus aucta, superne e pedunculis pedicellisque patulis composita. Sepala aculeolata, reflexa. Petala obovata, rosea, $c 8 \times 4$ mm. Stamina stylis breviora. Carpella tenuiter pilosa. Fructus parvi.

HOLOTYPUS: Between Fairthorn and Kenward, Pembury, GR 51 61.43, W. Kent, v.c. 16, 24 7 1969, *E. S. Eedes* 20413 (herb. E.S.E.)

6. **Rubus lanaticaulis** Eedes & Newton, **sp. nov.**

R. hebecaulis sensu W. C. R. Wats., Handb. Rubi Gt Brit. & Ireland, 112, f. 25 (1958), non Sudre, Bull. Assoc. Fr. Bot., **3**: 101 (1900)

Turio purpuratus pilosus eglandulosus obtusangulus striatus, aculeis moderatis haud numerosis plerumque declinatis armatus. Folia 3–5-nata subpedata, foliolis haud imbricatis, supra strigosis, infra pilosis, ad nervos praesertim pectinatis; foliolium terminale cuspidatum, ellipticum vel obovatum, basi emarginatum, haud profunde serratum. Inflorescentia magna longa thyrsoida pyramidata; ramuli infimi paniculati multiflori, medii subpatentes cymosi. Rachis vix flexuosa, supra dense villosa tomentosa, glandulis paucis brevibus aculeis declinatis vel curvatis numerosis instructa. Sepala griseoviridia tomentosa, villosa, longe attenuata, fructum laxae amplectentia. Petala rosea, elliptica vel obovata, pilosa. Stamina stylos vix superantia. Carpella leviter pubescentia.

HOLOTYPUS: Banks of River Ogwen, near Bethesda, Caerns., v.c. 49, 27 9 1895, *C. Bailey* (MANCH)

7. **Rubus plymensis** (Focke) Eedes & Newton, **comb. et stat. nov.**

R. egregius var. *plymensis* Focke, Bibl. Bot., **83**: 183 (1914)

LECTOTYPUS: near Plymouth, Devon, v.c. 3, 1872, *T. R. A. Briggs* no. 60 as *R. borveri* Bell Salt, forma (BREM). Isotypus in CGE

8. **Rubus infestisepalus** Eedes & Newton, **sp. nov.**

R. macrothyrus sensu W. C. R. Wats., Handb. Rubi Gt Brit. & Ireland, 119 (1958), non Lange, Icon. Pl. Fl. Dan., **48**: 6 (1870)

Turio angulatus purpurascens, pilis brevibus dense vestitus, aculeis glandulisque stipitatis brevibus sparsim praeditis, aculeis numerosis, e basi lata rectis vel declinatis, nonnunquam diametro caulis longioribus armatus. Folia digitata, foliolis supra subglabris, subtus albotomentosis ad nervos pilosis, inaequaliter serratis; foliolium terminale parvum, $c 5 \times 4$ cm, obovato-suborbiculare, cuspidatum, basi subintegrum; petiolus aculeis curvatis munitus. Inflorescentia late elongata; ramus florifer et ramuli villosi, glandulis stipitatis paucis vel interdum multis pilos aequantibus vel eis brevioribus muniti, aculeis numerosis longis curvatis purpureis armati. Sepala patentia, conspicue aculeolata. Petala lata, $c 12 \times 9$ mm, incurva rosea. Stamina stylos vix superantia. Carpella pilosa.

HOLOTYPUS: Chislehurst Common, GR 51 44.70, W. Kent, v.c. 16, 12 7 1964, *E. S. Eedes* 18670 (herb. E.S.E.)

9. **Rubus trelleckensis** Eedes & Newton. **nom. nov.**

R. orthocladus A. Ley. J. Bot., Lond., **34**: 159 (1896), non Boulay. Ronces Vosg., 242 (1869)

LECTOTYPUS: Beacon Hill, Monmouth, v.c. 35, 4 7 1893. *A. Ley* as *R. myricae* var. *virescens* G. Braun. Set of British Rubi no. 60 (MANCH)

10. **Rubus cantianus** (W. C. R. Wats.) Eedes & Newton. **comb. et stat. nov.**

R. radula var. *cantiana* W. C. R. Wats., Rep. botl Soc. Exch. Club Br. Isl., **9**: 768 (1932)

LECTOTYPUS: Barnet Wood Lane, Hayes, W. Kent, v.c. 16, 3 9 1928. *W. C. R. Watson* as *R. prionodontus* Muell. & Leïv. (K)

11. **Rubus obscuriflorus** Eedes & Newton. **sp. nov.**

R. minutiflorus sensu W. M. Rogers, Handb. Brit. Rubi, 89 (1900), ex parte, non P. J. Muell., Pollichia, **16-17**: 235 (1859)

Turio obtuse angulatus, rufescens, pruinosis, pilis simplicibus, 1–2 mm longis, aciculis glandulisque stipitatis, 0.5–2 mm longis, copiose instructis, aculeis numerosis brevibus gracilibus declinatis armatus. Folia digitata ampla, foliolis undique sparsim pilosis, supra glabrescentibus, ± aequaliter sed haud profunde serratis; foliolium terminale oblongum, c. 13 × 8 cm, acuminatum, basi emarginatum; petiolus aculeis tenuibus, patentibus vel paulo declinatis armatus. Ramus florifer rufescens, turioni similiter vestitus armatusque. Inflorescentia subracemosa vel corymbosa, e ramulis inferioribus axillaribus paucifloris superioribus plerumque unifloris nonnunquam 2–3-floris composita. Sepala aculeolata, dense glandulosa, longe attenuata, patentia vel erecta. Petala parva, elliptica, alba. Stamina stylos vix superantia.

HOLOTYPE: Seckley Wood, GR 32 76.77, Staffs., v.c. 39, 26 7 1954. *E. S. Eedes* 10975 (herb. E.S.E.)

12. **Rubus angloserpens** Eedes & Newton. **sp. nov.**

R. curtiglandulosus sensu W. C. R. Wats., Handb. Rubi Gt Brit. & Ireland, 152 (1958), non Sudre, Bull. Assoc. Fr. Bot., **4**: ? (1901) & Excurs. Batol. Pyr., 173 (1901)

Turio obtuse angulatus vel teretiusculus, pruinosis, pilis brevibus parce vestitus, aciculis glandulisque stipitatis brevibus dense obsitus, aculeis numerosis e basi lata subulatis brevibus armatus. Folia ternata vel interdum quinata, foliolis undique viridibus et sparsim pilosis, grosse biserratis; foliolium terminale ovatum, c. 12–15 × 6–8 cm, sensim acuminatum, basi subcordatum, petiolulo proprio quadruplo vel quintuplo longius; petiolus aculeis multis brevibus tenuibus ± patentibus munitus. Ramus florifer dense pilosus aciculis glandulisque breviter stipitatis copiose praeditus, turioni similiter armatus. Inflorescentia diffusa foliosa, e ramulis inferioribus racemoso-paucifloris superioribus plerumque unifloris composita, pedicellis summis usque ad 3 cm longis patulis. Sepala aculeolata glandulosa albomarginata, longe attenuata, patentia vel amplectentia. Petala parva, elliptica, alba. Stamina stylos vix superantia.

HOLOTYPE: Stanford-on-Teme, GR 32 69.65, Wores., v.c. 37, 31 7 1964. *E. S. Eedes* 18596 (herb. E.S.E.)

13. **Rubus erythropros** Eedes & Newton. **sp. nov.**

R. rosaceus sensu W. C. R. Wats., Rep. botl Soc. Exch. Club Br. Isl., **8**: 862 et fig. (1929), Handb. Rubi Gt Brit. & Ireland, 178 (1958), non Weihe & Nees in Bluff & Fingerh., Comp. Fl. Germ., **1**: 685 (1825)

R. viridis sensu W. M. Rogers, Handb. Brit. Rubi, 85 (1900), non C. Presl ex Ortmann in Flora (Regensb.), **18**: 488 (1835), nec Kaltenb., Fl. Aachen. Beck., **2**: 284 (1845)

R. leptadenes var. *calliphylloides* (Sudre) Sudre, Rubi Eur., 220 (1913), quoad loc. angl.

Turio atrorufescens vel purpurascens, obtusangulus, leviter pilosus, glandulis stipitatis subaequalibus numerosis, aciculis tenuibus numerosis, nonnullis glanduliferis, aculeis brevibus tenuibus declinatis vel

lalcatis armatus. Folia 3-5-nata pedata, foliolis \pm imbricatis, supra strigosis, infra leviter pilosis; foliolum terminale anguste vel late rotundo-obovatum, basi subcordatum, aequaliter serratum. Inflorescentia longa pyramidata apice congesta: ramuli infimi subracemosi vel paniculati, multiflori subpatentes, medii et supremi subcymosi patuli, breviter pedunculati, brevissime pedicellati. Rachis flexuosa, supra dense pilosa glandulis brevibus numerosis, aciculis tenuibus, aculeis tenuibus brevibus rectis declinatis vel curvatis instructa. Sepala attenuata, griseotomentosa, pallide marginata, pilosa, glandulifera, aciculis tenuissimis praedita, primo reflexa denique fructum amplectentia. Flores medii. Petala pallide rosea. Stamina vix stylos pallide roseos superantia. Carpella pilosa.

HOLOTYPE: Witley, Surrey, v.c. 17, 17 8 1892. *E. F. Linton* as *R. viridis* Kalt.. Set of British Rubi no. 23 (MANCH)

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