

A PRELIMINARY SYNOPSIS OF THE GENUS RHODODENDRON: II

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ABSTRACT. This paper completes the synopsis of a proposed new classification of the two major subgenera, subgenus *Rhododendron* and subgenus *Hymenanthes*, of the genus *Rhododendron*. A number of new combinations and changes of status are made and four new taxa, including three new subsections in subgenus *Hymenanthes*, are described.

This paper completes the synopsis of a proposed new classification of the two major subgenera, subgenus *Rhododendron* and subgenus *Hymenanthes*, of the genus *Rhododendron*. The format follows that used for our earlier paper (Cullen, J. & Chamberlain, D. F., A preliminary synopsis of the genus *Rhododendron*. *Notes R.B.G. Edinb.* 36:105-126, 1978).

In the list that follows species of which we have not seen material are asterisked.

SUBGENUS RHODODENDRON

(Subg. *Lepidorrhodium* Koehne)

Section POGONANTHUM D. Don (*Osmothamnus* DC.; *Rhododendron* Sect. *Osmothamnus* (DC.) Maxim.; *Anthopogon* & *Cephalanthum* Series)

R. collettianum Aitchison & Hemsley

R. anthopogon Don

subsp. *anthopogon* (*R. haemonium* Balf. f. & Cooper)

subsp. ***hypenanthum*** (Balf. f.) Cullen, **comb. et stat. nov.** (*R. hypenanthum* Balf. f., *Notes R.B.G. Edinb.* 9:291, 1916—basionym)

R. laudandum Cowan

var. *laudandum*

var. *temoense* [Kingdon Ward ex] Cowan & Davidian

R. rufescens Franchet (*R. daphniflorum* Diels)

R. pogonophyllum Cowan & Davidian

R. cephalanthum Franchet

subsp. *cephalanthum* [*R. chamaetortum* Balf. f. & Ward; *R. crebreflorum* Hutch. & Ward; *R. nmaiense* Hutch. & Ward; *R. cephalanthum* vars. *crebreflorum* & *nmaiense* (Hutch. & Ward) Cowan & Davidian]

subsp. ***platyphyllum*** (Franchet ex Balf. & Sm.) Cullen, **comb. et stat. nov.** (*R. cephalanthum* var. *platyphyllum* [Franchet ex] Diels, *Notes R.B.G. Edinb.* 7:211, 1912—nomen nudum; *R. platyphyllum* [Franchet ex] Balf. & Sm., op. cit. 9:259, 1916—basionym)

R. sargentianum Rehder & Wilson

R. kongboense Hutchinson

R. anthopogonoides Maxim.

R. primuliflorum Bur. & Franchet [*R. acraium* Balf. f. & Sm.; *R. cephalanthoides* Balf. f. & Sm.; *R. clivicolum* Balf. f. & Sm.; *R.*

- cremnophilum* Balf. f. & Sm.; *R. gymnomiscum* Balf. f. & Ward;
R. lepidanthum Balf. f. & Sm.; *R. tsarongense* Balf. f. & Forr.; *R.*
primuliflorum var. *cephalanthoides* (Balf. f. & Sm.) Cowan &
 Davidian; *R. primuliflorum* var. *lepidanthum* (Balf. f. & Sm.)
 Cowan & Davidian]
- R. *fragrans* (Adams) Maxim. non Paxton (*Azalea fragrans* Adams;
Osmothamnus fragrans (Adams) DC.; *O. pallidus* [Turcz. ex] DC.;
R. adamsii Rehder)
- R. *trichostomum* Franchet [*R. fragrans* sensu Franchet; *R. sphaer-*
anthum Balf. f. & Sm.; *R. ledoides* Balf. f. & Sm.; *R. radium* Balf.
 f. & Sm.; *R. hedyosmum* Balf. f.; *R. trichostomum* vars. *ledoides*,
hedyosmum & *radium* (Balf. f. & Sm.) Cowan & Davidian]

Subject. CAROLINIANA

In preparing the account of this group for our former synopsis (*Notes R.B.G. Edinb.* 36:105-126, 1978), I overlooked the work of Duncan & Pullen (*Brittonia* 14:290-298, 1962); the existing account (p. 110) should be deleted and replaced by:

- R. minus Michx.
 var. minus (*R. punctatum* Andrews; *R. punctatum* var. 3 Ker; *R.*
cuthbertii Small; *R. carolinianum* Rehder)
 var. *chapmanii* (A. Gray) Duncan & Pullen (*R. chapmanii* A. Gray)

SUBGENUS HYMENANTHES (Bl.) K. Koch
 (Subg. *Eurhododendron* Sleumer)

Section HYMENANTHES

Subject. ARBOREA Sleumer (*Arboreum* Series *Arboreum* Subseries)

- R. *arboreum* Sm.
 subsp. *arboreum* (*R. puniceum* Roxb.; *R. windsorii* Nuttall)
 subsp. *cinnamomeum* (Lindley) Tagg
 var. *cinnamomeum* [*R. campbelliae* Hook. f.; *R. arboreum* Sm.
 subsp. *campbelliae* (Hook. f.) Tagg]
 var. *roseum* Lindley (*R. arboreum* Sm. var. *album* Wallich)
 subsp. *delavayi* (Franchet) Chamberlain, **comb. et stat. nov.** (*R.*
delavayi Franchet in Bull. Soc. Bot. Fr. 33:231, 1886—
 basionym)
 var. *delavayi* (*R. pilovittatum* Balf. f. & W.W.Sm.)
 var. *peramoenum* (Balf. f. & Forr.) Chamberlain, **comb. et stat.**
nov. (*R. peramoenum* Balf. f. & Forr. in Notes R.B.G.
 Edinb. 13:56, 1920—basionym)
 subsp. *nilagiricum* (Zenker) Tagg (*R. nilagiricum* Zenker)
 subsp. *zeylanicum* (Booth) Tagg (*R. zeylanicum* Booth)
 R. *lanigerum* Tagg (*R. silvaticum* Cowan)
 R. *niveum* Hook. f.

Subject. ARGYROPHYLLA Sleumer (*Arboreum* Series *Argyrophyllum*
 Subseries; Subject. *Floribunda* Sleumer)

- R. *adenopodum* Franchet

- R. *argyrophyllum* Franchet
 - subsp. *argyrophyllum* (incl. var. *cupulare* Rehder & Wilson)
 - subsp. **hypoglaucum** (Hemsl.) Chamberlain, **comb. et stat. nov.** [*R. hypoglaucum* Hemsl. in J. Linn. Soc. (Bot.) 26:25, 1889—basionym; *R. gracilipes* Fr.]
 - subsp. **omeiense** (Rehder & Wilson) Chamberlain, **stat. nov.** [*R. argyrophyllum* Fr. var. *omeiense* Rehder & Wilson in Sargent (ed.), Pl. Wilson. 1:527, 1913—basionym]
 - subsp. **nankingense** (Cowan) Chamberlain, **stat. nov.** (*R. argyrophyllum* Fr. var. *nankingense* Cowan in Notes R.B.G. Edinb. 21:148, 1953—basionym)

R. *coryanum* Tagg & Forr.

R. *denudatum* Lévl.

R. *farinosum* Lévl.

R. *floribundum* Franchet

*R. *formosanum* Hemsl.

*R. *haofui* Chun & Fang

R. *hunnewellianum* Rehder & Wilson

subsp. *hunnewellianum* (*R. leucolasium* Diels)

subsp. **rockii** (Wilson) Chamberlain, **comb. et stat. nov.** (*R. rockii* Wilson in J. Arn. Arb. 9:103, 1928—basionym)

R. *insigne* Hemsl. & Wilson

R. *longipes* Rehder & Wilson

var. *longipes*

var. **chienianum** (Fang) Chamberlain, **comb. et stat. nov.** (*R. chienianum* Fang in Contr. biol. Lab. Sci. Soc. China, Bot. ser. 12:28, 1939—basionym)

R. *pingianum* Fang

R. *ririei* Hemsl. & Wilson

R. *simiarum* Hance

subsp. *simiarum* (*R. fokiense* Franchet; *R. fordii* Hemsl.)

subsp. **youngae** (Fang) Chamberlain, **comb. et stat. nov.** (*R. youngae* Fang in Contr. biol. Lab. Sci. Soc. China, Bot. ser. 12:24, 1939—basionym)

R. *thayerianum* Rehder & Wilson

Subsect. AURICULATA Sleumer (*Auriculatum* Series)

R. *auriculatum* Hemsl.

*R. *chihsinianum* Chun & Fang

Subsect. CAMPANULATA Sleumer (*Campanulatum* Series, *pro parte*)

R. *campanulatum* D. Don

subsp. *campanulatum* (*R. mutabile* Webb; *R. nobile* Wallich, nom. nud.)

subsp. **aeruginosum** (Hook. f.) Chamberlain, **stat. nov.** (*R. aeruginosum* Hook. f., Rhododendrons Sikkim Himalaya t. 22, 1849—basionym; *R. campanulatum* D. Don var. *aeruginosum* [Hook f. ex] Cowan)

R. *wallichii* Hook. f.

R. *wallichii* Hook. f. x *R. arboreum* Sm. (? *R. batemanii* Hook. f.; ? *R. campanulatum* D. Don var. *campbellii* Millais)

Subsect. FALCONERA Sleumer (*Falconeri* Series)

- R. basilicum* Balf. f. & W.W.Sm. (*R. megaphyllum* Balf. f. & Forr.; *R. regale* Balf. f.)
- R. coriaceum* Franchet (*R. foveolatum* Rehder & Wilson)
- R. falconeri* Hook. f.
 - subsp. *falconeri*
 - subsp. **eximium** (Nuttall) Chamberlain, **stat. nov.** [*R. eximium* Nuttall in J. Bot. (Hooker) 5:364, 1853—basionym; *R. falconeri* Hook. f. var. *eximium* (Nuttall) Hook. f.]
- R. galactinum* [Balf. f. ex] Tagg
- R. hodgsonii* Hook. f.
- R. preptum* Balf. f. & Forr.
- R. rex* Lévl.
 - subsp. *rex*
 - subsp. **fictolacteum** (Balf. f.) Chamberlain, **comb. et stat. nov.** (*R. fictolacteum* Balf. f. in Trans. Bot. Soc. Edinb. 27:97-105, 1916—basionym; *R. lacteum* Franchet var. *macrophyllum* Franchet)
 - subsp. **arizelum** (Balf. f. & Forr.) Chamberlain, **comb. et stat. nov.** (*R. arizelum* Balf. f. & Forr. in Notes R.B.G. Edinb. 12:90, 1920—basionym)
- R. rothschildii* Davidian
- R. semnoides* Tagg & Forr.
- R. sinofalconeri* Balf. f.

Subsect. FORTUNEA Sleumer (*Fortunei* Series)

- R. calophytum* Franchet
 - var. *calophytum*
 - var. **openshawianum** (Rehder & Wilson) Chamberlain, **comb. et stat. nov.** [*R. openshawianum* Rehder & Wilson in Sargent (ed.) Pl. Wilson. 1:543, 1913—basionym]
- R. davidii* Franchet
- R. decorum* Franchet (*R. franchetianum* Lévl.)
- R. diaprepes* Balf. f. & W.W.Sm. (*R. rarile* Balf. f. & W.W.Sm.)
- R. faithae* Chun
- R. fortunei* Lindley
 - subsp. *fortunei*
 - subsp. **discolor** (Franchet) Chamberlain, **comb. et stat. nov.** [*R. discolor* Franchet in J. Bot. (Morot) 9:391, 1895—basionym; *R. mandarinorum* Diels; *R. houlstonii* Hemsl. & Wilson]
- *R. x geraldii** (Franchet) Chamberlain, **stat. nov.**—*R. sutchuenense* x *R. praeavernum* (*R. sutchuenense* Franchet var. *geraldii* Hutch. in Gard. Chron. ser. 3, 67:127, 1920—basionym)
- R. glanduliferum* Franchet
- R. griffithianum* Wight
- R. hemsleyanum* (*R. chengianum* Fang)
- R. huianum* Fang
- *R. kwangfuense** Chun & Fang

- R. orbiculare* Decne.
 subsp. *orbiculare* (*R. rotundifolium* David)
 subsp. *cardiobasis* (Hand.-Mazz.) Chamberlain, **comb. et stat. nov.**
 (*R. cardiobasis* Hand.-Mazz. in Notizbl. Bot. Gart. Berlin-Dahlem 12:484, 1935—basionym).
R. oreodoxa Franchet
 var. *oreodoxa* (*R. haematocheilum* Craib; *R. limprichtii* Diels)
 var. *fargesii* (Franchet) Chamberlain, **comb. et stat. nov.** (*R. fargesii*
 Franchet in J. Bot. (Morot) 9:390, 1895—basionym; *R.*
erubescens Hutch.; *R. reginaldii* Balf. f.)
R. platypodum Diels
R. praeteritum Hutch.
R. praevernium Hutch.
R. sutchuenense Franchet
R. vernicosum Franchet (*R. lucidum* Franchet; *R. sheltonii* Hemsl. &
 Wilson; *R. euanthum* Balf. f. & W.W.Sm.; *R. rhantum* Balf. f. &
 W.W.Sm.; *R. adoxum* Balf. f. & Forr.; *R. araliiforme* Balf. f. &
 Forr.; *R. hexamerum* Hand.-Mazz.)

Subsect. FULGENSIA Chamberlain (see p. 336) (*Campanulatum* Series, *pro parte*; Subsect. *Campanulata* Sleumer, *pro parte*)

- R. fulgens* Hook. f.
R. miniatum Cowan
R. sherriffii Cowan

Subsect. FULVA Sleumer (*Fulvum* Series)

- R. fulvum* Balf. f. & W.W.Sm. (*R. fulvoides* Balf. f. & Forr.)
R. uvarifolium Diels (incl. var. *griseum* Cowan; *R. mombeigii* Rehder
 & Wilson; *R. dendritrichum* Balf. f. & Forr.; *R. niphargum* Balf. f.
 & Ward)

Subsect. GRANDIA Sleumer (*Grande* Series)

- R. grande* Wight
R. macabeanum [Watt ex] Balf. f.
R. magnificum Ward
R. montroseanum Davidian (see p. 338) (*R. molliyanum* Cowan &
 Davidian)
R. praestans Balf. f. & W.W.Sm. (*R. semnum* Balf. f. & Forr.; *R.*
coryphaeum Balf. f. & Forr.)
R. protistum Balf. f. & Forr.
 var. *protistum* (*R. giganteum* Forr. var. *seminudum* Tagg & Forr.)
 var. *giganteum* (Tagg) Chamberlain, **comb. et stat. nov.** (*R.*
giganteum [Forr. ex] Tagg in Notes R.B.G. Edinb. 15:106,
 1926—basionym)
R. pudorosum Cowan
R. sidereum Balf. f.
R. sinogrande Balf. f. W.W.Sm. (incl. var. *boreale* Tagg & Forr.)
R. watsonii Hemsl. & Wilson
R. wattii Cowan

Subsect. GRIERSONIANA [Davidian ex] Chamberlain (see p. 337) (*Griersonianum* Series)

R. griersonianum Balf. f. & Forr.

Subsect. LANATA Chamberlain (see p. 337) (*Campanulatum* Series, *pro parte*; Subsect. *Campanulata* Sleumer *pro parte*)

R. lanatum Hook. f. [incl. var. *luciferum* Cowan; *R. luciferum* (Cowan) Cowan; *R. flinckii* Davidian]

R. tsariense Cowan

Subsect. NERIIFLORA Sleumer (*Neriiflorum* Series)

R. albertsenianum Forr.

R. aperantum Balf. f. & Ward

R. beanianum Cowan

R. catacosum [Balf. f. ex] Tagg

R. chamaethomsonii (Tagg & Forr.) Cowan & Davidian

var. *chamaethomsonii* (*R. repens* Balf. f. & Forr. var. *chamaethomsonii* Tagg & Forr.)

var. **chamaedoron** (Tagg & Forr.) Chamberlain, **comb. nov.** (*R. repens* Balf. f. & Forr. var. *chamaedoron* Tagg & Forr. in Notes R.B.G. Edinb. 16:206, 1931—basionym)

var. *chamaethauma* (Tagg) Cowan & Davidian (*R. repens* Balf. f. & Forr. var. *chamaethauma* Tagg)

R. chionanthum Tagg & Forr.

R. citriniflorum Balf. f. & Forr.

var. *citriniflorum* (*R. chalanidotum* Balf. f. & Forr.)

var. **horaenum** (Balf. f. & Forr.) Chamberlain, **comb. et stat. nov.** (*R. horaenum* Balf. f. & Forr. in Notes R.B.G. Edinb. 13:264, 1922—basionym; *R. citriniflorum* Balf. f. & Forr. subsp. *aureolum* Cowan; see also *R. citriniflorum* Balf. f. & Forr. subsp. *rubens* Cowan)

R. coelicum Balf. f. & Farrer

R. dichroanthum Diels

subsp. *dichroanthum*

subsp. *apodectum* (Balf. f. & W.W.Sm.) Cowan (*R. apodectum* Balf. f. & W.W.Sm.; *R. jangtzwowense* Balf. f. & Forr., *R. liratum* Balf. f. & Forr.)

subsp. *scyphocalyx* (Balf. f. & Forr.) Cowan [*R. scyphocalyx* Balf. f. & Forr.; *R. herpesticum* Balf. f. & Ward; *R. torquatum* Balf. f. & Farrer; *R. dichroanthum* Diels subsp. *herpesticum* (Balf. f. & Ward) Cowan]

subsp. *septentrionale* Cowan

R. diphrocalyx Balf. f.

R. erastum Balf. f. & Forr. (*R. porphyrophyllum* Balf. f. & Forr.; *R. serpens* Balf. f. & Forr.)

R. euchroum Balf. f. & Ward.

R. eudoxum Balf. f. & Forr.

var. *eudoxum* [*R. trichomiscum* Balf. f. & Forr.; *R. trichophlebium* Balf. f. & Forr.; *R. eudoxum* Balf. f. & Forr. subsp. *trichomiscum* (Balf. f. & Forr.) Tagg; *R. fulvastrum* Balf. f. & Forr. subsp. *trichomiscum* (Balf. f. & Forr.) Cowan &

- subsp. *trichophlebium* (Balf. f. & Forr.) Cowan; *R. temenium* Balf. f. & Forr. subsp. *albipetalum* Cowan & subsp. *rhodanthum* Cowan]
- var. **brunneifolium** (Balf. f. & Forr.) Chamberlain, *stat. nov.* [*R. brunneifolium* Balf. f. & Forr. in Notes R.B.G. Edinb. 13:33, 1920—basionym; *R. eudoxum* Balf. f. & Forr. subsp. *brunneifolium* (Balf. f. & Forr.) Tagg]
- var. **mesopolium** (Balf. f. & Forr.) Chamberlain, *stat. nov.* [*R. mesopolium* Balf. f. & Forr. in Notes R.B.G. Edinb. 13:51, 1920—basionym; *R. asteium* Balf. f. & Forr.; *R. epipastum* Balf. f. & Forr.; *R. eudoxum* Balf. f. & Forr. subsp. *asteium* (Balf. f. & Forr.) Tagg, subsp. *epipastum* (Balf. f. & Forr.) Tagg & subsp. *mesopolium* (Balf. f. & Forr.) Tagg; *R. fulvastrum* Balf. f. & Forr. subsp. *mesopolium* (Balf. f. & Forr.) Cowan]
- R. floccigerum* Franchet
subsp. *floccigerum*
subsp. **appropinquans** (Tagg & Forr.) Chamberlain, *stat. nov.* (*R. floccigerum* Franchet var. *appropinquans* Tagg & Forr. in Notes R.B.G. Edinb. 15:312, 1927—basionym)
- R. forrestii* Balf. f.
subsp. *forrestii* [*R. repens* Balf. f. & Forr.; *R. forrestii* Balf. f. var. *repens* (Balf. f. & Forr.) Cowan & Davidian]
subsp. *papillatum* Chamberlain (see p. 338) (see also *R. forrestii* Balf. f. var. *tumescens* Cowan & Davidian)
- R. haematodes* Franchet
subsp. *haematodes*
subsp. **chaetomallum** (Balf. f. & Forr.) Chamberlain, *comb. et stat. nov.* (*R. chaetomallum* Balf. f. & Forr. in Notes R.B.G. Edinb. 12:95, 1920—basionym, incl. var. *glaucescens* Tagg & Forr.; see also *R. hillieri* Davidian)
- R. x hemigynum*** (Tagg & Forr.) Chamberlain, *stat. nov.*—*R. eclectum* x *R. pocophorum* (*R. chaetomallum* Balf. f. & Forr. var. *hemigynum* Tagg & Forr. in Notes R.B.G. Edinb. 16:189, 1931—basionym)
- R. mallotum* Balf. f. & Ward (*R. aemulorum* Balf. f.)
- R. microgynum* Balf. f. & Forr. (*R. perulatum* Balf. f. & Forr.; *R. gymnocarpum* [Balf. f. ex] Tagg)
- R. neriiflorum* Franchet
subsp. *neriiflorum* [*R. euchaites* Balf. f. & Forr.; *R. phoenicodum* Balf. f. & Farrer; *R. neriiflorum* Franchet subsp. *euchaites* (Balf. f. & Forr.) Tagg & subsp. *phoenicodum* (Balf. f. & Farrer) Tagg]
subsp. *agetum* (Balf. f. & Forr.) Tagg (*R. agetum* Balf. f. & Forr.)
subsp. *phaedropum* (Balf. f. & Farrer) Tagg (*R. phaedropum* Balf. f. & Farrer)
- R. parmulatorum* Cowan
R. piercei Davidian

- R. pocophorum* [Balf. f. ex] Tagg
 var. *pocophorum*
 var. **hemidartum** (Tagg) Chamberlain, **comb. et stat. nov.** (*R. hemidartum* [Balf. f. ex] Tagg in Notes R.B.G. Edinb. 15:314, 1927—basionym)
- R. sanguineum* Franchet
 subsp. *sanguineum*
 var. *sanguineum* (incl. var. *sanguinioides* Cowan)
 var. **haemaleum** (Balf. f. & Forr.) Chamberlain, **stat. nov.** [*R. haemaleum* Balf. f. & Forr. in Notes R.B.G. Edinb. 11:71, 1919—basionym; *R. sanguineum* Franchet subsp. *haemaleum* (Balf. f. & Forr.) Cowan & subsp. *masaeum* [Balf. f. ex] Cowan; see also *R. sanguineum* Franchet subsp. *atrorubrum* Cowan]
- var. **cloiophorum** (Balf. f. & Forr.) Chamberlain, **stat. nov.** [*R. cloiophorum* Balf. f. & Forr. in Notes R.B.G. Edinb. 11:37, 1919—basionym; *R. leucopetalum* Balf. f. & Forr.; *R. asmenistum* Balf. f. & Forr.; *R. cloiophorum* Balf. f. & Forr. subsp. *asmenistum* (Balf. f. & Forr.) Tagg; *R. sanguineum* Franchet subsp. *cloiophorum* (Balf. f. & Forr.) Cowan]
- var. *didymoides* Tagg & Forr. [*R. roseotinctum* Balf. f. & Forr.; *R. mannopeplum* Balf. f. & Forr.; *R. sanguineum* Franchet subsp. *didymoides* (Tagg & Forr.) Cowan, subsp. *roseotinctum* (Balf. f. & Forr.) Cowan, subsp. *consanguineum* Cowan]
- var. **himertum** (Balf. f. & Forr.) Chamberlain, **stat. nov.** [*R. himertum* Balf. f. & Forr. in Notes R.B.G. Edinb. 13:48, 1920—basionym; *R. nebrates* Balf. f. & Forr.; *R. poliopeplum* Balf. f. & Forr.; *R. himertum* Balf. f. & Forr. subsp. *poliopeplum* (Balf. f. & Forr.) Tagg; *R. sanguineum* Franchet subsp. *himertum* (Balf. f. & Forr.) Cowan & subsp. *aizoides* Cowan; see also *R. fulvastrum* Balf. f. & Forr. & *R. sanguineum* Franchet subsp. *melleum* Cowan]
- subsp. *didymum* (Balf. f. & Forr.) Cowan
- R. sperabile* Balf. f. & Farrer
 var. *sperabile*
 var. *weihsiense* Tagg & Forr.
- R. sperabiloides* Tagg & Forr.
- R. temenium* Balf. f. & Forr.
 var. *temenium* [*R. pothinum* Balf. f. & Forr.; *R. eudoxum* Balf. f. & Forr. subsp. *temenium* (Balf. f. & Forr.) Tagg & subsp. *pothinum* (Balf. f. & Forr.) Tagg; *R. temenium* Balf. f. & Forr. subsp. *pothinum* (Balf. f. & Forr.) Cowan]
- var. **gilvum** (Cowan) Chamberlain, **stat. nov.** (*R. temenium* Balf. f. & Forr. subsp. *gilvum* Cowan in Notes R.B.G. Edinb. 20:82, 1940—basionym, & subsp. *chrysanthum* Cowan)
- var. **dealbatum** (Cowan) Chamberlain, **stat. nov.** [*R. temenium* Balf. f. & Forr. subsp. *dealbatum* Cowan in Notes R.B.G.

Edinb. 20:83, 1940—basionym; *R. glaphyrum* Balf. f. & Forr.; *R. eudoxum* Balf. f. & Forr. subsp. *glaphyrum* (Balf. f. & Forr.) Tagg; *R. temenium* Balf f. & Forr. subsp. *glaphyrum* (Balf. f. & Forr.) Cowan]

R. trilectorum Cowan

R. x xanthanthum (Tagg & Forr.) Chamberlain, **stat. nov.**—*R. haematodes* subsp. *chaetomallum* x *R. stewartianum* (*R. chaetomallum* Balf. f. & Forr. var. *xanthanthum* Tagg & Forr. in Notes R.B.G. Edinb. 15:308, 1927—basionym)

Subsect. **PARISHIA** Sleumer (*Irroratum* Series *Parishii* Subseries)

R. cookeanum Davidian

R. elliottii Watt

R. facetum Balf. f. & Ward (*R. eriogynum* Balf. f. & W.W.Sm.)

R. kyawi Lace & W.W.Sm. (*R. agapetum* Balf. f. & Ward; *R. prophantum* Balf. f. & Forr.)

R. parishii Clarke

R. schistocalyx Balf. f. & Forr.

Subsect. **PONTICA** Sleumer (*Ponticum* Series)

R. aureum Georgi

var. *aureum* (*R. chrysanthum* Pallas)

var. **hypopitys** (Pojark.) Chamberlain, **comb. et stat. nov.** (*R. hypopitys* Pojark. in Fl. URSS 18:721, 1952—basionym)

R. brachycarpum [D. Don ex] G. Don

subsp. *brachycarpum* (incl. var. *roseum* Koidz.)

subsp. **fauriei** (Franchet) Chamberlain, **comb. et stat. nov.** (*R. fauriei* Franchet in Bull. Soc. Philomat. Paris sér. 7, 10:143, 1886—basionym)

R. catawbiense Michaux

R. caucasicum Pallas

R. hyperythrum Hayata

R. japonicum (Blume) Schneider—non *R. japonicum* (A. Gray) Suringar, **comb. prov.**

var. *japonicum* (*R. metternichii* Sieb. & Zucc.—incl. var. *heptamerum* Maxim.; *R. hymenanthes* Makino, nom. illegit.)

var. *pentamerum* (Maxim.) Hutch. (*R. degrobianum* Carrière; *R. metternichii* Sieb. & Zucc.—incl. var. *pentamerum* Maxim.)

R. macrophyllum [D. Don ex] G. Don

R. maximum L. [incl. var. *album* Pursh & var. *purpureum* Pursh; *R. procerum* Salisb.; *R. purpureum* (Pursh) D. Don; *R. purshii* G. Don]

R. x nikomontanum (Komatzu) Nakai—*R. aureum* x *R. brachycarpum* [*R. chrysanthum* Pallas var. *nikomontanum* Komatzu; *R. brachycarpum* G. Don var. *lutescens* Koidz.; *R. nikomontanum* (Komatzu) Nakai; *R. fauriei* Franchet var. *lutescens* (Koidz.) Takada]

R. ponticum L. (incl. var. *brachycarpum* Boiss.; *R. baeticum* Boiss. & Reuter)

R. smirnowii Trautv.

R. x sochadzeae Char & Davlian—*R. ponticum* x *R. caucasicum*

- R. ungerii* Trautv.
- R. yakusimanum* Nakai
 subsp. *yakusimanum*
 subsp. ***makinoi*** (Tagg) Chamberlain, **comb. et stat. nov.** (*R. makinoi*
 Tagg in Nakai & Koidzumi, *Trees Shrubs Japan* 1:61,
 1927—basionym)

Subsect. **VENATORA** Chamberlain (see p. 337)

- R. venator* Tagg

SPECIES OF DOUBTFUL RELATIONSHIPS

- R. asterochnoum* Diels. Probably allied to *R. calophytum* in subsect. *Fortunea* but only fragmentary material has so far been seen.
- R. chlorops* Cowan. Only known in cultivation; probably a hybrid between *R. wardii* and a member of subsect. *Fortunea*.
- R. dimidiatum* Balf. f. Only known in cultivation; raised as a rogue in a batch of *R. callimorphum* seed.
- R. peregrinum* Tagg. Only known in cultivation, apparently arising as a rogue in a batch of *R. galactinum* seed.
- R. planetum* Balf. f. Only known in cultivation; raised from seed of uncertain provenance. Possibly allied to, or a hybrid of, *R. sutchuenense* (subsect. *Fortunea*).
- R. potaninii* Batalin. An affinity with *R. rufum* (subsect. *Taliensia*) has been suggested though, in the absence of authentic material, we cannot confirm this affinity.
- R. pyrrhoanthum* Balf. f. Described from a plant raised from Forrest seed from Yunnan; probably a chance hybrid of *R. forrestii* (subsect. *Neriiflora*).
- R. serotinum* Hutch. Only known in cultivation; raised from Delavay seed of unknown provenance; possibly a hybrid of *R. decorum* (subsect. *Fortunea*).
- R. sikangense* Fang. Fang has suggested affinities with either *R. tanastylum* (subsect. *Irrorata*) or *R. praeteritum* (subsect. *Fortunea*); no material has been seen by us.

NEW TAXA

Subsect. **Fulgensia** Chamberlain, **Subsect. nov.**

Frutices vel arbores parvae. *Rami et petioli* juveniles glabri vel sparse tomentosi glandis stipitatis intermixtis, deinde plus minusve glabri. *Pagina inferiora foliorum* dense tomentosa. *Corolla* tubuloso-campanulata, saturate-cinnabarina. *Ovarium* glabrum.

Typus subsectionis: *R. fulgens* Hook. f.

Distinguished from subsect. *Campanulata sensu stricto* by its deep scarlet to blood red, tubular-campanulate corollas. Subsect. *Fulgensia* is apparently intermediate between subsections. *Neriiflora* and *Thomsonia*, with a dense

indumentum reminiscent of that of *R. mallotum* and its immediate allies in subsect. *Neriiflora* but with the corolla much closer to those of *R. lopsangianum* and *R. succothii* in subsect. *Thomsonia*. There is little evidence to suggest a close affinity with subsect. *Campanulata sensu stricto*, with which the three species, *R. fulgens*, *R. miniatum* and *R. sheriffii*, have in the past been allied.

Subsect. **Griersoniana** Chamberlain, **Subsect. nov.**

Syn.: Ser. *Griersonianum* Davidian in *Rhododendron* and *Camellia* Yearbook 18:109 (1963)—descr. angl.

Frutex parva. *Rami* dense setuloso-glandulosi et lanato-tomentosi. *Perulae* longe cuspidatae. *Pagina inferiora foliorum* dense albo- vel ochraceo-tomentosa. *Corolla* tubuloso- vel infundibulari-campanulata tubo extus dense piloso, saturate kermesina vel coccinea. *Ovarium* dense tomentosum, paucis glandis stipitatis munitum.

Typus subsectionis: *R. griersonianum* Balf. f. & Forr.

A monotypic subsection based on series *Griersonianum* Davidian (*loc. cit.*), a name published without a Latin description.

Subsect. **Lanata** Chamberlain, **Subsect. nov.**

Frutices vel arbores parvae. *Rami* et *petioli* dense lanato tomentosi. *Pagina inferiora foliorum* dense lanato-tomentosa. *Corolla* late campanulata, sulphurea vel alba vel dilute rosea. *Ovarium* tomentosum.

Typus subsectionis: *R. lanatum* Hook. f.

The two species that are included in this subsection, *R. lanatum* and *R. tsariense*, may be more closely allied to certain members of subsect. *Talienisia* than they are to either subsect. *Campanulata* or subsect. *Fulgensia*, with which they have in the past been grouped. The tomentose ovary, the densely tomentose shoots and petioles, and the yellow or white to pink corollas distinguish subsect. *Lanata* from both the last mentioned subsections.

Subsect. **Venatora** Chamberlain, **Subsect. nov.**

Frutex parva. *Rami* tomento floccoso stramineo pilorum substellatorum composito et glandis paucis longe stipitatis. *Folia* lanceolata vel elliptica, acuminata, marginibus undulatis, subtus, praesertim ad costam et nervos laterales pilis albis substellatis vel folioliferis. *Corolla* carnosae, tubuloso-campanulatae saccis nectariferis. *Ovarium* dense tomentosum.

Subsectio monotypicus. Typus: *R. venator* Tagg

Tagg described the indumentum on the young shoots and leaves of *R. venator* as being composed of stellate hairs and therefore tentatively assigned it to *Irroratum* series *Parishii* subseries. On close inspection however, the individual hairs can be seen to differ significantly from those of subsect. *Parishia* in that there is apparently a transition from substellate hairs with more or less inflated arms to folioliferous hairs; both types are much paler than is general in subsect. *Parishia* (for definitions of the hair types see Cowan, J. M. 1950. *The Rhododendron Leaf*. Edinburgh). Furthermore, the growth habit and leaf shape of *R. venator* is quite unlike those of the remaining members of subsect. *Parishia*.

R. forrestii Balf. f. subsp. **papillatum** Chamberlain, subsp. nov. (Subsect. Neriiflora). A subsp. *forrestii* foliis obovatis vel ellipticis, in pagina inferiora sparse stipitato-glandulosis epidermide glauco-papillata differt. S. Tibet. Doshong La, 11-13000 ft, 24 vi 1924, *Kingdon-Ward* 5845 (holo. E); *ibidem*, 11500 ft, 12 v 1947, *Ludlow, Sherriff & Elliot* 13665; Deyang La, 13500 ft, 2 & 9 vi 1947, *L., S. & E.* 15106, 15207; nr Showa Dzong, 1000 ft, 9 vi 1947, *L., S. & E.* 13127; Seingku Wang, 11-12000 ft, 13 vi 1926, *Kingdon-Ward* 6912.

Dwarf shrub, 5-25 cm, usually creeping over rocks, with blood-red to scarlet solitary flowers and densely stipitate-glandular ovaries. A distinctive subspecies on the Western edge of the range of the species; distinguished from subsp. *forrestii* by its obovate to elliptic leaves ($1.5-3.5 \times 0.8-1.1$ cm) that have a glaucous-papillate lower epidermis with stout stipitate glands on the midrib and main lateral veins. This subspecies closely resembles *R. forrestii* Balf. f. var. *tumescens* Cowan & Davidian but the latter differs in the epapillate, eglandular lower surface of the leaves and in the ovary that is rufous-tomentose with an admixture of glands. Var. *tumescens* is intermediate between and probably a hybrid of *R. forrestii* subsp. *papillatum* and *R. chamaethomsonii*.

RHODODENDRON MONTROSEANUM

Rhododendron montroseanum Davidian, nom. nov. (*R. mollyanum* Cowan & Davidian in Rhodo. & Camellia Yearb. 8:72, 1953—basionym; non. *R. mollianum* Koorders in Nova Guin. Bot. 8:187, 1909).

The change in nomenclature may be regretted, but is strictly in accordance with the *International Code of Botanical Nomenclature*. (It may be remarked that *R. mollyanum* was also named after the same Duchess of Montrose who was known to her family as 'Molly'.)

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