

Short communications

Some nomenclatoric changes and new descriptions in the genus *Daphne* L. 4.

Některé nomenklatorické změny a nové popisy v rodu *Daphne* L. 4.

Josef J. Halda

51782 Sedloňov 125, Česká republika.

Abstract. The genera *Daphne* L., *Diplomorpha* Meisner, *Eriosolena* Blume, *Rhamnoneuron* Gilg and *Wikstroemia* Endlicher create the genus *Daphne* L. sensu lato and are united in this work; several new descriptions and new combinations are made.

Keywords: *Daphne*, taxonomy, system.

***Daphne* L. subgenus *Diplomorpha* sect. *Dolichanthae* J. J. Halda sect. nov.**
Inflorescentia racemosa vel spicata, terminalis; flores 5-meri; ovarium fusiforme, pilosum; squama disci unica, linearis.

Type species hic designatus: *D. dolichantha* (Diels) J. J. Halda.

***Daphne* L. subgenus *Diplomorpha* sect. *Fusifformes* J. J. Halda sect. nov.**
Inflorescentia spicata vel paniculato-spicata conferta, terminalis, fusiformis; perianthium 4-lobatum; discus unisquamatus.

Type species hic designatus: *D. delavayi* (Lecomte) J. J. Halda.

***Daphne* L. subgenus *Diplomorpha* sect. *Ganpi* J. J. Halda sect. nov.**
Ramulis breves, pubescentibus; folia alternata; inflorescentia multiflora, paniculata; perianthium tetralobum, pallide roseum; discus paucilobatus.

Type species hic designatus: *D. ganpi* (Sieb. et Zucc.) J. J. Halda.

***Daphne* L. subgenus *Diplomorpha* sect. *Paxianae* J. J. Halda sect. nov.**

Flores laterales singuli vel bini ex axillis foliorum summorum prodientes; perianthium 5-lobatum; ovarium claviforme, apice pilis rigidis inaequilongis dense pilosum; discus 1 squamiformis.

Type species hic designatus: *D. paxiana* (H. Winkl.) J. J. Halda.

***Daphne* L. subgenus *Kudoa* J. J. Halda subg. nov.**

Gemmae magnae dense hirsutae. Inflorescentia terminalis divaricato-ramosa, bracteata; bractea minima mox caduca; perianthium tetralobum, roseum; discus flabellato-lingulatus. Fructus ovatus perianthio marcescente inclusus.

Type species hic designatus: *D. kudoii* (Makino) J. J. Halda.

***Daphne* L. subgenus *Hayataea* J. J. Halda subg. nov.**

Perianthium tetralobum, atropurpureum; discus unisquamatus, lineatus, ca 2mm longus; ovarium claviformis.

Type species hic designatus: *D. mononectaria* (Hayata) J. J. Halda.

***Daphne* L. subgenus *Pseudomezereum* sect. *Yingia* J. J. Halda sect. nov.**

Sempervirens; folia coriacea, apice emarginata. Flores parvae.

Type species hic designatus: *D. chingshuishaniana* Ying.

***Daphne* L. subgenus *Rehdera* sect. *Nanae* J. J. Halda sect. nov.**

Perianthium urceolato-cylindricum ca 3mm longum basi rotundatum ad apicem plus minus attenuatum; antheris superioribus ad medium tubi affixis

Type species hic designatus: *D. nana* Tagawa.

***Daphne* L. subgenus *Wikstroemia* sect. *Anhuienses* J. J. Halda sect. nov.**

Folia opposita, flores albi 5-meri; ovarium pyriforme, stipitatum; discus unisquamatus linearis.

Type species hic designatus: *D. anhuiensis* (D. C. Zhang ex X. P. Zhang) J. J. Halda.

***Daphne* L. subgenus *Wikstroemia* sect. *Chengia* J. J. Halda sect. nov.**

Folia alterna; inflorescentia capitata terminalia; perianthium 4-lobatum, album, glabrum; discus 1-2-linearilobus.

Type species hic designatus: *D. glabra* (Cheng) J. J. Halda.

***Daphne* L. subgenus *Wikstroemia* sect. *Fargesia* J. J. Halda sect. nov.**

Folia opposita; inflorescentia capitata; flores apice ramulorum fasciati; perianthium 5-lobatum, flavum; ovarium obovoideo-oblongum, apice pilis adpressis

instructum; stigma rubrum, globosum; squamula hypogyna 1, linearis, plus minus lata, apice integra vel subincisa.

Type species hic designatus: *D. fargesii* (Lecomte) J. J. Halda.

***Daphne* L. subgenus *Wikstroemia* sect. *Longifusae* J. J. Halda sect. nov.**

Folia opposita; inflorescentia stachyera erecta vel pendula; pedunculus longifusiformis; perianthium 4-lobum, luteum vel viride.

Type species hic designatus: *D. endlicheriana* J. J. Halda.

***Daphne* L. subgenus *Wikstroemia* sect. *Yatabeanae* J. J. Halda sect. nov.**

Ramis simplex, glabrae; folia opposita; inflorescentia umbellata 2-flora; flores 4-lobate, albi; discus unilobatus.

Type species hic designatus: *D. yatabeana* J. J. Halda.

***Daphne anhuiensis* (D. C. Zhang ex X. P. Zhang) J. J. Halda stat. nov.**

[bas: *Wikstroemia anhuiensis* in Acta Phytotaxonomica Sinica 28(2):159(1990)].

***Daphne x hauseri* J. J. Halda hybr. nov.**

[*D. striata* Tratt. x *D. cneorum* L.]

DESCRIPTIO: Fruticulus sempervirens inter parentes duas characteribus foliorum et florum intermedius. A *D. cneorum* habitu elatiore, foliis majoribus oblongo-ovatis et floribus majoribus pallide purpureoroseis:

Dwarf evergreen shrublet intermediate between the two parents in foliage and flower characters. Differing from *D. cneorum* in its taller habit, larger narrowly ovate leaves and the larger pale purplish pink flowers.

HOLOTYPUS hic designatus: Herb. Halda no. JJH6907214; leg. J. J. Halda 5.7.1969.

PATRIA et DISTRIBUTIO: Italia septentrionalis: Tremalzo, in collibus petrosis ad 1550m supra mare.

CULTIVATION: *D. x hauseri* is completely hardy at Sedlonov. A natural hybrid, grown as cultivar 'Leila Haines'.

***D. x kummerti* J. J. Halda hybr. nov.**

[*D. sericea* Vahl 'Collina' x *D. aurantiaca* Diels 'Vigorous Form'].

DESCRIPTIO: Fruticulus humilis, ramosissimus, sempervirens, floribus pallide luteis inter *D. sericea* et *D. aurantiaca* intermedius; habitu *D. sericea* similis, foliis ambitu magnitudineque, *D. aurantiaca* foliis haud dissimilibus.

Small evergreen densely branched shrublet up to 30cm tall and 50cm across, with dark green lustrous leaves (similar to *D. sericea*) somewhat hairy above and

lanate beneath; flower-heads 5-20-flowered, hypanthium pale yellow ca 16mm long, limb ca 10mm across.

HOLOTYPUS hic designatus: Herb. Halda no. JJH9306758; leg. J. J. Halda 20.6.1993.

PATRIA et DISTRIBUTIO: Bohemia septentrio-orientalis, viculus Sedlonov, Hortus Botanicus Experimentalis Aquilimontanus.

CULTIVATION: *D. x kummerti* is partly hardy at Sedlonov. A garden hybrid, raised by J. J. Halda.

***D. x lundelli* J. J. Halda hybr. nov.**

[*D. striata* Tratt. x *D. arbuscula* Celak.]

DESCRIPTIO: A *D. arbuscula* foliis anguste oblanceolatis usque anguste oblongo-oblanceolatis (haud linearibus usque lineari-oblongis) et perianthio pubescentia appressa tecto (non tenuiter puberulo usque glabro) recedit et a *D. striata* ramulis annotinis porcatis (haud teretibus) et foliis minoribus anguste oblanceolatis usque anguste oblongo-oblanceolatis usque ad 20x4mm differt.

Differs from *D. arbuscula* in the narrowly oblanceolate to narrowly oblong-oblanceolate leaves and in the appressed pubescence of the perianth (not linear to linear-oblong leaves and puberulent perianth as in *D. arbuscula*); and from *D. striata* in the ridged, not terete, second year branchlets and in the smaller, narrowly oblanceolate to narrowly oblong-oblanceolate leaves to 20x4mm.

HOLOTYPUS hic designatus: Herb. Halda no. JJH8505315; leg. J. J. Halda 20.5.1985.

PATRIA et DISTRIBUTIO: Bohemia septentrio-orientalis, viculus Sedlonov, Hortus Botanicus Experimentalis Aquilimontanus.

CULTIVATION: *D. x lundelli* is completely hardy at Sedlonov. A garden hybrid, raised by Tage Lundell.

***D. reginaldi-farreri* J. J. Halda sp. nov.**

DESCRIPTIO: Species ex affinitate *D. ligustrinae*, sed fruticulis majoribus, racemis laevibus, foliis oppositis hirsutis, inflorescentiis laxis corymbosis et floribus minoribus luteis extus viridescens differt.

Low multi-stemmed evergreen shrublet up to 1m tall; branchlets slender, rigid with soft grey bark, glabrous. Leaves opposite, more or less scattered, chartaceous, hirsute, narrowly oblanceolate to widely lineate, (15-)25-40x4-8mm, shortly acuminate to a mucronate point, base attenuate, very shortly hirsute (but when young margins and papex shortly ciliate), dark green, glossy above, midrib impressed above, prominent beneath, lateral veins obscure, margins more or less revolute; petioles 2-5mm long. Flowers 6-10 in terminal and lateral pedunculate clusters; perianth yellow inside, greenish outside, tube ca 10mm

long, shortly loosely hairy around the base; lobes 4, spreading but not reflexed, ovate, unequal, ca 2x1mm, rounded, overlapping at base; stamens 8 in 2 series; lower 4 inserted at mid-tube, upper 4 inserted below mouth; anthers linear ca 1mm long; filaments very short, ca 0.4mm; ovary ellipsoid, ca 1mm long, glabrous; stigma capitate on short style; disc scale ca 0.5mm long, obovate with crenate margin. Drupes not seen.

HOLOTYPUS hic designatus: Farrer & Purdom no.112 (E); leg. R. Farrer & W. Purdom 29.5.1914.

PATRIA et DISTRIBUTIO: China (Kansu: Siku).

["Plants of Kansu: yellow shrubling, gravel down"].

***D. x sillingeri* J. J. Halda hybr. nov.**

[*D. oleoides* Schreb. x *D. velenovskyi* J. J. Halda].

DESCRIPTION: Fruticulus humilis, ramosissimus, sempervirens, floribus pallidroseis inter *D. oleoides* et *D. velenovskyi* intermedius; habitu *D. oleoides* similis; foliis ambitu magnitudineque, *D. velenovskyi* foliis haud dissimilibus.

Dwarf evergreen shrublet up to 0.15m tall and 0.3m across, densely branched; branches slender, flexible, with soft brownish bark, pubescent becoming glabrous in second year. Leaves alternate, more or less scattered or loosely clustered towards branch ends, leathery and flexible, lanceolate-obovate, 10-20x4-7mm, shortly acuminate or mucronate at apex, base attenuate, glabrous, grayish-green, glossy above, midrib impressed above, prominent beneath, lateral veins obscure, margins more or less weakly revolute; petioles 2-5mm long. Flowers 3-10 in terminal sessile clusters, not fragrant, subtended when young by ovate caducous bracts ca 5mm long, with shortly ciliate margins; perianth pale pink, tube 8-12mm long, glabrous; lobes 4, half-spreading, ovate-lanceolate, acuminate at apex, unequal, 5-8x2-4mm; stamens 8 in 2 series; lower 4 inserted at mid-tube, upper 4 inserted below mouth but not exerted; anthers linear ca 1mm long; filaments very short; ovary ellipsoid, ca 2mm long, glabrous; stigma capitate on short style; disc scale ca 0.5mm. Drupes ovoid, orange-yellow, fleshy, lustrous, ca 8x5mm; seed ovate, pointed, blackish, ca 6mm long.

HOLOTYPUS hic designatus: Herb. Halda no. JJH7507444; leg. J. J. Halda 4.7.1975.

PATRIA et DISTRIBUTIO: Bulgaria austro-occidentalis, Montes Pirinus, in vicinitate Banderica, solo calcareo ad 1850m supra mare.