

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

Některé nomenklatorické změny a nové popisy v rodě *Daphne* L.

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**Abstract.** Nine new combinations are made. Three new hybrids are described.

**Keywords:** *Daphne*, taxonomy.

***D. altaica* subsp. *fasciculiflora* (T. Z. Hsu) J. J. Halda stat. nov.**

[bas: *D. fasciculiflora* T. Z. Hsu in *Guihaia* 10(4):290 (1990)].

Differs from subsp. *altaica* having inflorescence without peduncles; leaf-margins revolute, apex acuminate; disc cupulate with irregular margins. Yunnan.

***D. bholua* Buch.-Ham. ex D. Don subsp. *emeiensis* (C. Y. Chang) J. J. Halda stat. nov.**

[bas: *D. emeiensis* C. Y. Chang in *Guihaia* 6(4):267 (1986)].

Differs from subsp. *bholua* having leaves obtuse with lateral nerves 6-9-jugous; bracts oblong, 6x2-3mm, costate, margin ciliate; disc with undulate-lobate margin; ovary ellipsoid; fruct reddish. Sichuan.

***D. genkwa* Sieb. et Zucc. subsp. *jinzhaiensis* (D. C. Zheng et J. Z. Shao) J. J. Halda stat. nov.**

[bas: *D. jinzhaiensis* D. C. Zheng et J. Z. Shao in *Bull. Bot. Res.* 9(3):37 (1989)].

Differs from subsp. *genkwa* having terminal, 3-5-flowered racemes; peduncles 6-8mm long; tube 10-12mm long, lobes elliptic, 7mm long; disc cupuliform, 0.2mm tall, integrous. Anhui.

***D. genkwa* Sieb. et Zucc. subsp. *leishanensis* (H. F. Zhou) J. J. Halda stat. nov.**

[bas: *D. leishanensis* H. F. Zhou in *Bull. Bot. Res.* 5(3):90 (1985)].

Differs from subsp. *genkwa* having older branches blackish-purple, reddish flowers 6-7x2.5-3mm large; apical part of disc lobate. Guizhou.

***D. axillaris* (Merr. et Chun) Chun et C. F. Wei subsp. *rhynchocarpa* (C. Y. Chang) J. J. Halda stat. nov.**

[bas: *D. rhynchocarpa* C. Y. Chang in Bull. Bot. Res. 5(3):87 (1985)].

Differs from subsp. *axillaris* having leaves obtuse, 50-110x20-30mm large, with prominent lateral nerves; petioles 1-3mm long; ovary glabrous. Yunnan.

***D. esquirolii* Levl. subsp. *pedunculata* (H. F. Zhou) J. J. Halda stat. nov.**

[bas: *D. pedunculata* H. F. Zhou in Bull. Bot. Res. 5(3):89 (1985)].

Differs from subsp. *esquirolii* having young shoots, peduncles and pedicels densely yellowish-tomentose, leaves lanceolate or oblanceolate; tube outside sparsely villose. Yunnan.

***D. papyracea* Wall. ex Steud. subsp. *papyracea* var. *longituba* (C. Y. Chang) J. J. Halda stat. nov.**

[bas: *D. longituba* C. Y. Chang in Bull. Bot. Res. 5(3):97 (1985)].

Differs from var. *papyracea* having flowers 10-14x3-4mm large, with ovate obtuse lobes. Guangxi.

***D. papyracea* Wall. ex Steud. subsp. *jinyunensis* (C. Y. Chang) J. J. Halda stat. nov.**

[bas: *D. jinyunensis* C. Y. Chang in Bull. Bot. Res. 5(3):94 (1985)].

Differs from subsp. *papyracea* having dark, shortly tomentose branches; leaves subcoriaceous, elliptic or obovate; heads few-flowered, bracteoles tiny and flowers 6-8x3-4mm large. Sichuan.

***D. papyracea* Wall. ex Steud. subsp. *yunnanensis* (H.F.Zhou) J.J. Halda stat. nov.**

[bas: *D. yunnanensis* H. F. Zhou in Bull. Bot. Res. 5(3):96 (1985)].

Differs from subsp. *papyracea* having leaves acuminate-caudate and lobes of disc subquadrate, bipartite on apex. Yunnan.

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

[*D. sericea* Vahl 'Collina' x *D. arbuscula* Celakovsky].

Frutex foliis sempervirens, habitu *D. sericea* similis; foliis, ambitu magnitudineque, *D. arbuscula* foliis haud dissimilibus.

Typus: USA(Oregon meridio-occidentalis, oppidum Medford, hortus Crockerianus). Coll. J. J. Halda 25.Majus 1997. Herb. Halda no. 970522.

**DESCRIPTION:** A much branched broadly pulvinate shrublet, up to over 20cm tall, evergreen, blooming in May. Branches, especially of 1 to 2 years of age, very numerous, brownish, densely hairy, becoming glabrous with age. Buds ovoid, the terminal ones with a few scale-leaves. Leaves linear-oblanceolate, apex rounded, narrowed at the base, practically sessile, 1.5-2cm long, 0.5-0.8cm broad, margin entire, midrib somewhat prominent on upper surface. Flowers 1cm in diameter, grouped in heads terminal to the ultimate branches, 3 to 12 flowers in every head surrounded by foliage leaves; pedicels 0.1cm long. Perianth tube cylindrical, 1cm long, puberulous; perianth lobes rounded or slightly emarginate or sometimes slightly apiculate at the

apex, 0.5x0.4cm, pink flushed rose, outer broadly ovate, inner elliptic-ovate. Stamens sessile, in two whorls, the upper 0.2cm below the mouth of the perianth-tube, the lower 0.5cm below; anthers oblong, 0.15cm long. Ovary ellipsoid, 0.175cm tall (excluding stipe 0.075cm long).

A garden hybrid, which was found in Lawrence Crocker's garden (Medford, Oregon), growing between stock plants of *D. sericea* 'Collina' and *D. arbuscula* and later propagated in Siskiyou Rare Plants Nursery in Medford as *Daphne* x 'Lawrence Crocker'. The flowers of this plant are very fragrant. *D. x medfordensis* is obviously intermediate in certain characters or combines characters of the two species. There is no doubt of the horticultural value of this plant, which already became as a popular rock garden beauty.

**Cultivation.** *D. x medfordensis* is completely hardy at Sedlonov. It can be propagated either by grafting or by cuttings. In our garden it grows well on acid soil. On its own roots especially, it shows hybrid vigour, a five years old plant being over 40cm across.

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

[*D. petraea* Leybold x *D. sericea* Vahl 'Collina'].

Fruticulus humilis, ramosissimus, sempervirens, floribus roseis inter *D. petraea* et *D. sericea* 'Collina' intermedius; habitu *D. sericea* similis; foliis, ambitu magnitudineque, *D. petraea* foliis haud dissimilibus.

**Typus:** Bohemia septentrio-orientalis, viculus Sedlonov, Hortus Botanicus Experimentalis Aquilimontanus. Coll. J. J. Halda 5. Majus 1997. Herb. Halda no. 970508.

**DESCRIPTION:** A much branched, evergreen pygmy shrublet up to 10cm tall and 15cm across. Buds ovoid, the terminal ones with a few scale-leaves. Leaves elliptic-oblongate, apex rounded, narrowed at the base, practically sessile, up to 1cm long and 0.4cm broad, margin entire, glabrous, midrib somewhat prominent on upper surface. Flowers 0.7cm in diameter, grouped in heads terminal to the ultimate branches, 2-10 flowers in every head surrounded by foliage leaves; pedicels 0.1cm long. Perianth-tube cylindrical, 0.8cm long, puberulous, pink flushed with rose; perianth lobes rounded or slightly emarginate, rose-pink. Stamens sessile in two whorls; ovary ellipsoid. A garden hybrid, raised by J. J. Halda. The flowers of this plant are very fragrant, produced in large numbers.

**CULTIVATION:** *D. x kazbali* is completely hardy at Sedlonov. It can be propagated either by grafting or by cuttings. In our garden it grows well on acid soil on its own roots.

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

[*D. glomerata* Lam. x *D. circassica* Woron. ex Pobed.]

Frutex foliis sempervirens, habitu *D. circassica* similis; foliis, ambitu magnitudineque, *D. glomerata* foliis haud dissimilibus.

**Typus:** Caucasus occidentalis: sub monte Osten, in clivo aprico in locis petrosis ad 2750m s. m.

Coll. J. J. Halda 5. 8. 1996. Herb. Halda no. 9608251.

**DESCRIPTION:** A poorly branched, evergreen pygmy shrublet up to 10cm tall and 15cm across. Buds ovoid, the terminal ones with a few bracts. Leaves broadly lanceolate, apex more or less acute, narrowed at the base, shortly petiolate, up to 3cm long and 1.5cm broad, margin entire, glabrous, midrib somewhat prominent on the lower surface. Flowers 0.8 cm in diameter, grouped in heads terminal to the ultimate branches, 3-15 flowers in each head surrounded by scale-like bracts. Pedicels 1-1.4cm long. Perianth-tube cylindrical, 1.2-1.4cm long, glabrous, creamy-pink; perianthlobes acute, pale pink. Stamens sessile in two whorls; ovary ellipsoid. Fruit orange.

**CULTIVATION:** *D. x juraseki* is hardy in Sedlonov. It can be propagated either by grafting or cuttings. In our garden it grows well on acid soil on its own roots.