

VALIDATION OF “*VIBURNUM* × *CARLCEPHALUM*” (VIBURNACEAE)

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Abstract. The name “*Viburnum* × *carlcephalum*” has hitherto not been validly published. It is validated here by the provision of a description in English and holotype citation.

Keywords: Burkwood, Pike, *Viburnum*, “*Viburnum* × *carlcephalum*”

“*Viburnum* × *carlcephalum*” (Viburnaceae), commonly known as fragrant viburnum, fragrant snowball, or *Carlcephalum viburnum*, has been widely cultivated. This hybrid shrub, created around 1932 by Albert Burkwood in England, was raised from a cross between *V. carlesii* Hemsl. and *V. macrocephalum* Fortune and received an “Award of Merit” in 1946 in a floral exhibition (Pike, 1946).

Although the name “*Viburnum* × *carlcephalum*” has been in existence since 1946 (Pike, 1946; Burkwood, 1947; USDA-GRIN, 2020), the hybrid name has not been validly published. Neither Pike (1946) nor Burkwood (1947) provided a description or diagnosis in Latin, a requirement for valid publication of hybrid species and infraspecies names published during 1935–2011 (vide Shenzhen Code Art. 39.1, H.10.1; Turland et al., 2018). Both Pike and Burkwood provided descriptions in English. We note that citation of a type was not mandatory for validation of names published before 1958 (Art. 40).

We herewith validate “*Viburnum* × *carlcephalum*” by provision of a short description in English and citation of the holotype housed at A (see Arts. 39.2, 40.1, 40.2, 40.6, 40.7).

Viburnum* × *carlcephalum Burkwood ex Rullo, Brach & Gandhi, *nothosp. nov.*

TYPE: U.S.A. Maryland: Montgomery County, Silver Spring, in a small triangle and the Metro Station near Colesville Road, 28 April 1986, *F. G. Meyer 21250* (Holotype: A). Fig. 1.

Synonyms: “*Viburnum* × *carlcephalum*” Burkwood ex A.V. Pike Gard. Chron. ser. 3, 119: 217, t. 96. 1946, not valid (*sine* Latin).

“*Viburnum* × *carlcephalum*” Burkwood, J. Hort. Soc. London 72: 361, t. 132. 1947, not valid (*sine* Latin).

Deciduous multistemmed *shrub*, attaining a round form reaching 1.8–3.0 m high and 1.8–2.4 m in diam. *Leaves* opposite, *petiole* 0.6–1.5 cm long; *lamina* elliptic-ovate, 5–10 cm long, 3.0–4.5 cm wide, grayish-green (turning reddish-maroon in fall), serrulate-serrate or shallowly toothed along the margin, the apex subacute to acute, sometimes abruptly so, the base truncate to subcordate, or acute, sometimes oblique. *Inflorescence* cymose, composed of 7- to 13-cm-wide, snowball-like clustered cymes. *Flowers* 20–100+ per cyme, fragrant; *corolla* sympetalous, ca. 1.7 cm across apically, 0.9–1.1 cm long, white, often pink in bud. *Fruits* red berrylike drupes turning black at maturity.

Hybrid parents: *Viburnum carlesii* and *V. macrocephalum*.

Phenology: April to early May.

Distribution: widely cultivated.

Etymology: the epithet *carlcephalum* was derived from the parent specific epithets, combining the first part of *carlesii* and the second part of *macrocephalum*. Since neither epithet is unaltered, *carlcephalum* is a true epithet (see Shenzhen Code Rec. H.10.2 Ex. 5)

Additional specimen examined: U.S.A. Maryland: Anne Arundel County, Edgewater, woodland, London Town Publik House Garden, 839 Londontown Road, 1 May 1986, *F. G. Meyer & P. M. Mazzeo 21281* (A).

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FIGURE 1. *Viburnum* × *carlcephalum* Burkwood ex Rullo, Brach & Gandhi. Holotype. Image courtesy of the Arnold Arboretum Herbarium (A). See original at https://kiki.huh.harvard.edu/databases/specimen_search.php?mode=details&id=1366322