



APPLICATIONS UNDER EXAMINATION

LOBELIA

LOBELIA (*Lobelia erinus*)

Proposed denomination: 'Balwalila'
Trade name: Waterfall Light Lavender
Application number: 07-5877
Application date: 2007/04/12
Applicant: Ball Horticultural Company, West Chicago, Illinois, United States of America
Agent in Canada: Brenda Cole, BioFlora Inc., St. Thomas, Ontario
Breeder: Luise Kormann, Interpel J. + H. Westhoff, Oeding, Germany

Variety used for comparison: 'Wespinstar' (Pink Star)

Summary: *The plants of 'Balwalila' are broader with a pendulous growth habit while those of 'Wespinstar' have an upright bushy to horizontal growth habit. The leaves of 'Balwalila' are broader with a serrate margin while those of 'Wespinstar' have a mostly entire margin. 'Balwalila' has a smaller flower width than 'Wespinstar'. The upper lobes of the corolla of 'Balwalila' are darker violet than those of 'Wespinstar'.*

Description:

PLANT: pendulous growth habit, moderate vigour, medium to dense branching, sparse foliage
STEM: thin to medium thickness, medium green, weak anthocyanin colouration, very sparse pubescence

LEAF: arrangement along stem is alternate, simple type, sessile

LEAF BLADE: oblanceolate shape, mucronate apex, obtuse base, serrate margin, no variegation, medium green on upper side, absent to sparse pubescence on upper side

INFLORESCENCE: raceme type

PEDICEL: weak anthocyanin colouration

SEPAL: linear shape, weak anthocyanin colouration

FLOWER: positioned both in terminal and axillary locations, upright attitude

UPPER LOBES OF FLOWER: obovate shape, mucronate apex, violet on upper side

LOWER LOBES OF FLOWER: oblong to obovate shape, upper side is violet (RHS N82B) with darker violet (RHS N81B) veins and apex, lower side is light blue violet (RHS 76A-B) with white at base, markings are small and dark violet (redder than RHS 83A)

PALATE: small, light yellow green (RHS N144A)

STIGMA: grey with purple tip

Origin and Breeding: 'Balwalila' originated from a cross conducted during summer 2002 at Südlohn, Germany as part of a controlled breeding program. The female parent was a proprietary Lobelia breeding selection designated '02P616' characterized by its pink flowers, small, fine and dark green foliage and upright plant growth habit. The male parent was another proprietary Lobelia breeding selection designated '02P508' characterized by its large, intense blue flowers, dark green foliage and upright growth habit. 'Balwalila' was initially selected during spring 2003 based on its flower colour, floriferousness and well branched and compact plant growth habit.

Tests and Trials: Trials for 'Balwalila' were conducted in a polyhouse during the summer of 2008 at BioFlora Inc. in St. Thomas, Ontario. The trial included a total of 15 plants per variety. All plants were grown from rooted cuttings and transplanted into 11.5 cm pots on March 18, 2008. Measured characteristics were based on measurements taken from 10 plants or parts of plants on May 29, 2008. All colour determinations were made using the 2001 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for 'Balwalila'

	'Balwalila'	'Wespinstar'*
<i>Plant width (cm)</i>		
mean	68.0	56.0
std. deviation	3.77	3.77
<i>Leaf blade width (cm)</i>		
mean	1.7	1.3
std. deviation	0.22	0.16
<i>Flower width (cm)</i>		
mean	2.2	2.6
std. deviation	0.21	0.12
<i>Colour of upper side of flower (RHS)</i>		
upper lobes	N81A-B	N82A-B

*reference variety



Lobelia: 'Balwalila' (left) with reference variety 'Wespinstar' (right)



Lobelia: 'Balwalila' (left) with reference variety 'Wespinstar' (right)



Lobelia: 'Balwalila' (left) with reference variety 'Wespinstar' (right)