



APPLICATIONS UNDER EXAMINATION

ASARINA

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(*Asarina*)

Proposed denomination: 'Sunasashiro'
Trade name: Lophos Summer Cream
Application number: 07-6007
Application date: 2007/09/21
Applicant: Suntory Flowers Limited, Tokyo, Japan
Agent in Canada: Brenda Cole, BioFlora Inc., St. Thomas, Ontario
Breeder: Kiyoshi Miyazaki, Shiga, Japan
 Tomoya Misato, Yamanashi, Japan

Variety used for comparison: 'Bridal Bouquet'

Summary: 'Sunasashiro' has a longer shoot length and smaller leaf blade size than 'Bridal Bouquet'. 'Sunasashiro' has dentate margin incisions while 'Bridal Bouquet' has crenate incisions. 'Sunasashiro' has medium pubescence on the upper side of the leaf blade while 'Bridal Bouquet' has very dense pubescence. The sepal of 'Sunasashiro' is longer and has an acuminate apex while the sepal of 'Bridal Bouquet' has a broadly acute to obtuse apex. 'Sunasashiro' has a smaller corolla diameter than 'Bridal Bouquet'.

Description:

PLANT: trailing/climbing growth habit

STEM: dense pubescence, light to medium green, no anthocyanin colouration

LEAF: deltoid shape, narrow acute apex, truncate base, medium depth dentate margin incisions, medium green on upper side, medium pubescence on upper side, no anthocyanin colouration on leaf blade

FLOWER: bilabiate

CALYX: light green, no anthocyanin colouration, dense pubescence

COROLLA: weak undulation of margin, weak reflexing of upper and lower lobes, white (RHS 155A) on inner and outer side, corolla tube white on dorsal surface (RHS 157D).

Origin and Breeding: 'Sunasashiro' originated from a cross made in May 2002 at Higashiomi-shi, Shiga-ken, Japan. The female parent was a proprietary Asarina hybrid designated 3Asa-1 and the male parent was a proprietary Asarina hybrid designated 2022-S. In January 2003, seedlings from the cross were grown in pots in the greenhouse and evaluated. In September 2003, one seedling was selected for its growth habit, flower size and flower colour. The selected plant was propagated by cuttings and grown in a potted trial in 2004 where the variety was determined to be distinct, uniform and stable.

Tests and Trials: Trials for 'Sunasashiro' were conducted during the spring/summer of 2008 in a polyhouse at BioFlora Inc. in St. Thomas, Ontario. The candidate variety was grown from rooted cuttings while the reference variety was grown from seed. Rooted plants were transplanted into 10 inch baskets with 3 plants per basket on May 14, 2008. The trial contained six baskets of the candidate variety and 5 baskets of the reference variety. Observations and measurements were taken from 10 plants on August 5, 2008. All colour determinations were made using the 2001 Royal Horticulture Society (RHS) Colour Chart.

Comparison table for 'Sunasashiro'

	'Sunasashiro'	'Bridal Bouquet'*
Shoot length (cm)		
mean	101.7	83.3
std. deviation	3.66	4.56

Leaf blade length (cm)

mean	9.6	10.8
std. deviation	0.40	0.55

Leaf blade width (cm)

mean	10.1	11.3
std. deviation	0.46	0.72

Sepal length (cm)

mean	3.3	2.4
std. deviation	0.14	0.14

Corolla diameter (cm)

mean	3.5	4.3
std. deviation	0.18	0.33

*reference variety



Asarina: 'Sunasashiro' (left) with reference variety 'Bridal Bouquet' (right)



Asarina: 'Sunasashiro' (left) with reference variety 'Bridal Bouquet' (right)



Asarina: 'Sunasashiro' (left) with reference variety 'Bridal Bouquet' (right)