



**APPLICATIONS UNDER EXAMINATION**

**SCAEVOLA**

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*(Scaevola aemula)*

**Proposed denomination:** 'Bomy Dabule'  
**Trade name:** Bombay Dark Blue  
**Application number:** 09-6500  
**Application date:** 2009/01/30  
**Applicant:** Syngenta Crop Protection AG, Basel, Switzerland  
**Agent in Canada:** BioFlora Inc., St. Thomas, Ontario  
**Breeder:** Jason Jandrew, Goldsmith Seed Inc., Mountain View, California, United States of America

**Variety used for comparison:** 'Saphira'

**Summary:** *The stems of 'Bomy Dabule' have medium strength while those of 'Saphira' are weak. The inner side of the corolla throat of 'Bomy Dabule' has more conspicuous stripes than that of 'Saphira'.*

**Description:**

**PLANT:** vegetatively propagated, annual type, spreading/trailing growth habit, many branches

**STEM:** red brown, anthocyanin colouration ranging from medium to strong, very sparse pubescence, thick, medium strength, smooth shape

**LEAF:** alternate arrangement, simple type, obovate, acute apex, attenuate base, dentate margin, sparse pubescence on upper side, no pubescence on lower side, dark green on upper side, light green on lower side, no variegation

**FLOWER:** almost continuous flowering, mid-season flowering, long flowering period, spike inflorescence type, terminal position

**COROLLA:** petals free, fan shaped

**PETAL:** entire margin, absent or very weak undulation of margin, elliptic, cuspidate apex, violet (RHS N87B) with darker violet (RHS N82A) stripe on inner side, violet (RHS N87C) with light blue violet (RHS 85D) stripe on outer side

**COROLLA THROAT:** dense pubescence, yellow to yellow green (RHS 2B-C) on inner side, strongly conspicuous dark violet (RHS N79A) stripes along margin and moderately conspicuous light brown (RHS N166C) stripes towards middle on inner side, grey (RHS 157A) and light yellow (RHS 4D) on outer side

**Origin and Breeding:** 'Bomy Dabule' originated from a cross between the female parent 'Saphira' and the male parent '204-4'. The new variety was bred and developed by the breeder Jason Jandrew in August 2006, in Gilroy, California, USA. The resultant seed from the cross was sown in a greenhouse in January 2007. In May 2007, a single plant from the progeny was selected by the breeder based on flower colour, plant habit and production characteristics.

**Tests and Trials:** Trials for 'Bomy Dabule' were conducted in a polyhouse during the spring of 2010 in St. Thomas, Ontario. Trials included 15 plants each of the candidate and reference varieties. Rooted cuttings were transplanted into 15 cm pots on May 19, 2010. Observations and measurements were taken from 10 plants of each variety on July 9, 2010. All colour determinations were made using the 2007 Royal Horticultural Society (RHS) Colour Chart.

**Comparison table for 'Bomy Dabule'**

	'Bomy Dabule'	'Saphira'*
<i>Colour of stripes on inner side of corolla throat (RHS)</i>		
middle	166C	N/A

\*reference variety



Scaevola: 'Bomy Dabule' (left) with reference variety 'Saphira' (right)



Scaevola: 'Bomy Dabule' (left) with reference variety 'Saphira' (right)



Scaevola: 'Bomy Dabule' (left) with reference variety 'Saphira' (right)

<b>Proposed denomination:</b>	<b>'Kingscablin'</b>
<b>Trade name:</b>	Blue Print
<b>Application number:</b>	09-6527
<b>Application date:</b>	2009/03/16
<b>Applicant:</b>	Botanic Gardens and Park Authority, West Perth, Western Australia, Australia
<b>Agent in Canada:</b>	BioFlora Inc., St. Thomas, Ontario
<b>Breeder:</b>	Patrick Courtney, Botanic Gardens and Park Authority, West Perth, Western Australia, Australia

**Variety used for comparison:** 'Bonscabblue' (Surdiva Blue)

**Summary:** *The leaves of 'Kingscablin' are longer than those of 'Bonscabblue'. The petals of 'Kingscablin' are a lighter violet than those of 'Bonscabblue'.*

**Description:**

**PLANT:** vegetatively propagated, annual type, bushy-rounded growth habit, many branches, strong basal branching

**STEM:** light green, no anthocyanin colouration, sparse pubescence, thin, smooth shape

**LEAF:** alternate arrangement, simple type, oblanceolate, acute apex, attenuate base, dentate margin, medium pubescence on upper and lower sides, dark green on upper side, medium green on lower side, no variegation

**FLOWER:** almost continuous flowering, mid-season flowering, long flowering period, spike inflorescence type, terminal position

**COROLLA:** petals free, fan shaped

**PETAL:** entire margin, weak undulation of margin, elliptic, cuspidate apex, violet (RHS N87C) with violet to light blue violet (RHS N87B-85B) stripe on inner side, blue violet to light blue violet (RHS N88C-85C) on outer side

**COROLLA THROAT:** dense pubescence, yellow to yellow green (RHS 2B-C) on inner side, light green (RHS 145D) on outer side

**Origin and Breeding:** 'Kingscablin' originated from a cross between the female parent a proprietary *Scaevola aemula* breeding selection designated 04/128d and the male parent the *Scaevola aemula* variety 'Scawihatis' (Whirlwind White). The cross was conducted on March 17, 2006 at Botanic Garden and Parks Authority in Australia, as part of a controlled

breeding program. The initial selection of ‘Kingscablin’ was made in September 2006 based on flowering time and growth habit. Asexual reproduction since that time has been through the use of vegetative cuttings.

**Tests and Trials:** Trials for ‘Kingscablin’ were conducted in a polyhouse during the spring of 2010 in St. Thomas, Ontario. Trials included 15 plants each of the candidate and reference varieties. Rooted cuttings were transplanted into 15 cm pots on May 19, 2010. Observations and measurements were taken from 10 plants of each variety on July 10, 2010. All colour determinations were made using the 2007 Royal Horticultural Society (RHS) Colour Chart.

**Comparison table for ‘Kingscablin’**

	‘Kingscablin’	‘Bonscablue’*
<i>Leaf blade length (cm)</i>		
mean	8.8	5.8
std. deviation	0.62	0.47
<i>Colour of inner side of petal (RHS)</i>		
main	N87C	N82A
secondary	N87B along mid-veins and 85B in centre	N/A
<i>Colour of outer side of petal (RHS)</i>		
main	N88C with 85D in middle	N82B with 85D in middle

\*reference variety



Scaevola: ‘Kingscablin’ (left) with reference variety ‘Bonscablue’ (right)



Scaevola: 'Kingscablin' (left) with reference variety 'Bonscablue' (right)



Scaevola: 'Kingscablin' (left) with reference variety 'Bonscablue' (right)