



## APPLICATIONS UNDER EXAMINATION

## ROCK ISOTOME

### ROCK ISOTOME (*Isotoma axillaris*)

**Proposed denomination:** 'Isopapi'  
**Trade name:** Patti's Pink  
**Application number:** 19-10057  
**Application date:** 2019/12/16  
**Applicant:** Elsner pac Jungpflanzen GbR, Dresden, Germany  
**Agent in Canada:** BioFlora Inc., St. Thomas, Ontario  
**Breeder:** Elke Steffen, Elsner pac Jungpflanzen GbR, Erfurt, Germany

**Variety used for comparison:** 'Fizz 'n Pop' (Pretty in Pink)

**Summary:** *The plants of 'Isopapi' are taller than those of 'Fizz 'n Pop'. The peduncle of 'Isopapi' is shorter than that of 'Fizz 'n Pop'. The corolla of 'Isopapi' is larger in diameter than that of 'Fizz 'n Pop'. The corolla lobe of 'Isopapi' is wider than that of 'Fizz 'n Pop'.*

#### Description:

**PLANT:** upright narrow to upright bushy growth habit, few to medium number of branches

**STEM:** light to medium green, absent or very weak intensity of anthocyanin colouration, medium to strong glaucosity, absent or very sparse pubescence, medium sized diameter

**LEAF:** simple type

**LEAF BLADE:** narrow elliptic to linear shape, acuminate apex, attenuate to sessile base, lacinate margin, no variegation, no petiole

**LEAF BLADE (UPPER SIDE):** sparse pubescence, weak glaucosity, medium to dark green

**LEAF BLADE (LOWER SIDE):** absent or very sparse pubescence, medium green

**FLOWERING PERIOD:** almost continuous, occurs mid-season, long

**PEDUNCLE:** absent or very weak intensity of anthocyanin colouration, absent or very sparse pubescence

**SEPAL:** lanceolate shape, acuminate apex, medium recurvature of tip, entire margin, absent or very sparse pubescence on inner and outer side

**FLOWER:** solitary type

**COROLLA:** non-touching arrangement of lobes, single type, medium number of lobes

**COROLLA LOBE:** obovate shape, cuspidate apex, incurved tip, medium to light violet (RHS N80B-C and N75A), entire margin, very weak undulation of margin

**COROLLA TUBE:** white at transition to corolla lobe changing to yellowish green towards base, strong purple striping present

**Origin and Breeding:** 'Isopapi' originated from a controlled cross conducted by Elke Steffen, an employee of Elsner pac Jungpflanzen GbR, in the summer of 2012 in Dresden, Germany. Both parents are unnamed proprietary breeding lines that were part of a bulked group of breeding clones. 'Isopapi' was selected in the summer of 2013 in Dresden, Germany for its branching, flower colour and flower characteristics. 'Isopapi' was initially asexually propagated through vegetative cuttings in the summer of 2013 in Dresden, Germany.

**Tests and Trials:** The comparative trial for 'Isopapi' was conducted in a polyhouse during the summer of 2021 at Bioflora Inc., in St. Thomas, Ontario. The trial included a total of 20 plants each of the candidate and reference variety. All plants were grown from rooted cuttings and transplanted into 3.8 litre round pots on April 22, 2021. The observations and measurements were taken from 10 plants, or 10 parts of plants, of each variety on June 24, 2021. All colour determinations were made using the 2015 Royal Horticultural Society (RHS) Colour Chart.

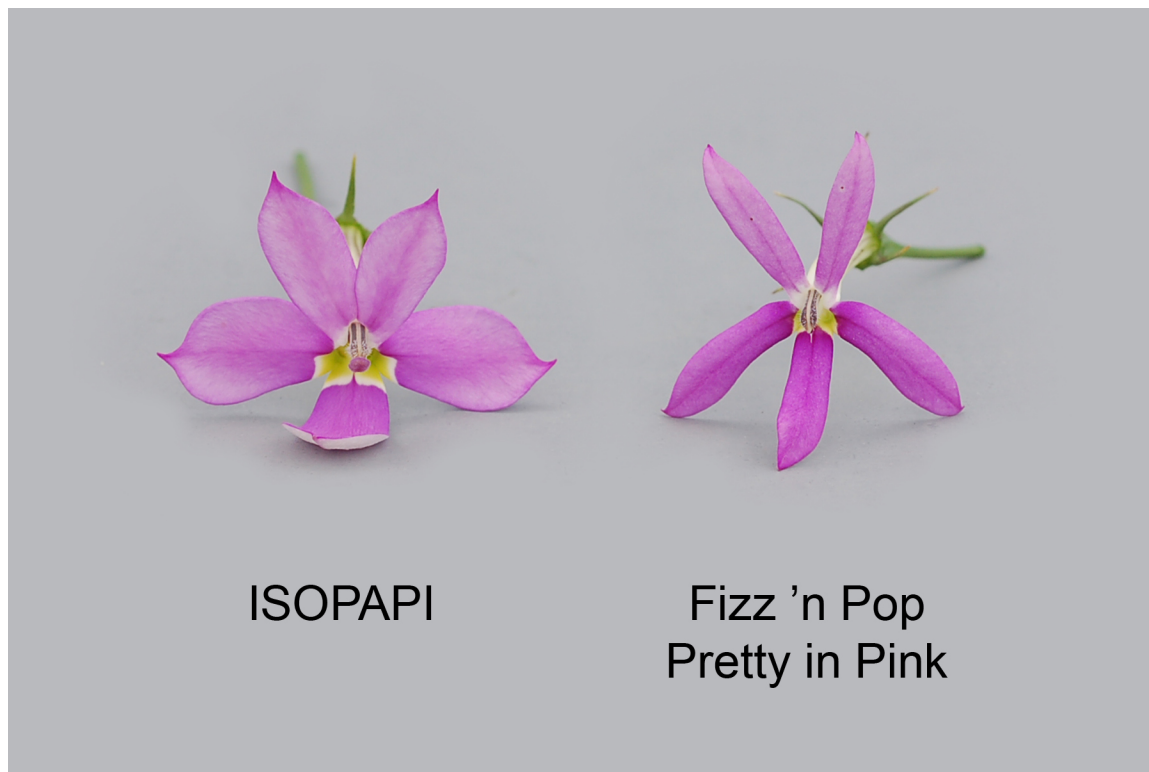
**Comparison table for 'Isopapi'**

	'Isopapi'	'Fizz 'n Pop'*
<i>Plant height (cm)</i>		
mean	36.8	23.1
std. deviation	2.34	2.05
<i>Peduncle length (cm)</i>		
mean	8.0	13.1
std. deviation	0.64	1.46
<i>Corolla diameter (cm)</i>		
mean	4.0	3.6
std. deviation	0.19	0.16
<i>Corolla lobe width (cm)</i>		
mean	1.07	0.6
std. deviation	0.05	0.05

\*reference variety



Rock Isotome: 'Isopapi' (left) with reference variety 'Fizz 'n Pop' (right)



ISOPAPI

Fizz 'n Pop  
Pretty in Pink

Rock Isotome: 'Isopapi' (left) with reference variety 'Fizz 'n Pop' (right)

---