



APPLICATIONS UNDER EXAMINATION

ANGELONIA

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(*Angelonia angustifolia*)

Proposed denomination: 'Ansublu021'
Trade name: Angelface Blue
Application number: 19-10037
Application date: 2019/10/31
Applicant: Elsner pac Jungpflanzen GbR, Dresden, Germany
Agent in Canada: BioFlora Inc., St. Thomas, Ontario
Breeder: Elke Steffen, Elsner pac Jungpflanzen GbR, Erfurt, Germany

Varieties used for comparison: 'Carita Purple' and 'Ansublu' (Angelface Super Blue)

Summary: *The plants of 'Ansublu021' are taller than the plants of 'Carita Purple' and shorter than the plants of 'Ansublu'. The leaves of 'Ansublu021' are larger than that of 'Carita Purple' and smaller than that of 'Ansublu'. The flower of 'Ansublu021' is wider than that of 'Carita Purple'.*

Description:

PLANT: upright growth habit

SHOOT (BELOW INFLORESCENCE): absent or very weak intensity of anthocyanin colouration

LEAF BLADE (UPPER SIDE): dark green, medium to strong glossiness

FLOWER: absent or weak degree of reflexing of upper corolla lobes

COROLLA LOBES: stripes absent

UPPER LIP OF COROLLA LOBE (INNER SIDE): dark violet (RHS 83A-B)

LOWER LIP OF COROLLA LOBE (UPPER SIDE): medium undulation of margin, dark violet (RHS 83B)

CHAMBER: broader than long

CHAMBER MARKINGS (INNER SIDE): violet, strong intensity, medium density

POUCH (INNER SIDE): yellow green

NECTARY BULGE: violet

Origin and Breeding: 'Ansublu021' was developed by Elke Steffen in Dresden, Germany. 'Ansublu021' originated from a controlled cross made in the summer of 2015 between two proprietary varieties. The new variety 'Ansublu021' was selected in the summer of 2016 for flower colour along with stem length and thickness. 'Ansublu021' was first propagated asexually by vegetative cuttings in the summer of 2016, in Dresden, Germany.

Tests and Trials: The comparative trial for 'Ansublu021' was conducted in a polyhouse during the summer of 2020 at BioFlora Inc. in St. Thomas, Ontario. The trial included 20 plants each of the candidate and reference varieties. Plants were grown from rooted cuttings and transplanted into 1 litre pots on April 20, 2020. Observations and measurements were taken from 10 plants, or 10 parts of plants, of each variety on June 23, 2020. All colour determinations were made using the 2007 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for 'Ansublu021'

	'Ansublu021'	'Carita Purple'*	'Ansublu'*
<i>Plant height (cm)</i>			
mean	41.3	33.3	52.1
std. deviation	2.99	1.23	2.84
<i>Leaf length (cm)</i>			
mean	8.7	5.7	10.1
std. deviation	1.22	0.38	0.74

Leaf width (cm)

mean	2.1	1.4	2.5
std. deviation	0.21	0.18	0.19

Flower width (cm)

mean	3.0	2.5	3.0
std. deviation	0.18	0.13	0.14

*reference varieties



Angelonia: 'Ansublu021' (left) with reference varieties 'Carita Purple' (centre) and 'Ansublu' (right)



Angelonia: 'Ansublu021' (left) with reference varieties 'Carita Purple' (centre) and 'Ansublu' (right)