



## APPLICATIONS UNDER EXAMINATION

## HELIOTROPE

### HELIOTROPE (*Heliotropium*)

**Proposed denomination:** 'WNHPAULAV'  
**Trade name:** Augusta Lavender  
**Application number:** 21-10653  
**Application date:** 2021/07/28  
**Applicant:** WinGen, LLC, Buda, Texas, United States of America  
**Agent in Canada:** BioFlora Inc., St. Thomas, Ontario  
**Breeder:** Brent D. Barnes, Riverside, California, United States of America

**Variety used for comparison:** 'Marine'

**Summary:** *The plant of 'WNHPAULAV' has a medium degree of branching while the plant of 'Marine' has a sparse degree of branching. The stem of 'WNHPAULAV' is light green while that of 'Marine' is medium green. The leaf blade of 'WNHPAULAV' is smaller than that of 'Marine'. The leaf blade of 'WNHPAULAV' has an obtuse apex and an obtuse to cordate base while the leaf blade of 'Marine' has an acuminate apex and a cuneate to obtuse base. The peduncle of 'WNHPAULAV' is shorter than that of 'Marine'. The corolla of 'WNHPAULAV' is larger in diameter and taller than that of 'Marine'. When newly opened, the inner side of the corolla of 'WNHPAULAV' is mainly medium blue violet while that of 'Marine' is mainly dark violet. When fully opened, the inner side of the corolla of 'WNHPAULAV' is mainly medium blue violet while that of 'Marine' is mainly dark blue violet.*

#### **Description:**

**PLANT:** vegetative propagation method, annual type, upright bushy growth habit, medium degree of branching

**STEM:** light green, absent or very weak anthocyanin colouration, medium to dense pubescence, medium thickness, smooth texture

**PETIOLE:** present

**LEAF:** alternate arrangement, simple type, ovate, obtuse apex, obtuse to cordate base, entire margin, medium density pubescence on upper side, absent to weak pubescence on lower side, medium density pubescence on veins on lower side, upper side medium green, lower side light green, absent to weak glossiness

**PEDUNCLE:** absent or very weak anthocyanin colouration, medium density pubescence

**INFLORESCENCE:** early to mid-season flowering, long length of flowering, cyme, terminal and axillary in position, erect attitude, sparse density

**COROLLA:** salverform, lobes small and partially fused, strong margin undulation, medium pubescence on throat, inner side medium blue violet (RHS 90C) when newly opened, medium blue violet (RHS 90C-D) when fully opened, medium blue violet (RHS N88D) when aged, white (RHS NN155D) at center, medium yellow orange (RHS 17B) eye, throat medium yellow (RHS 9A) on inner side, outer side light blue violet (RHS 91D)

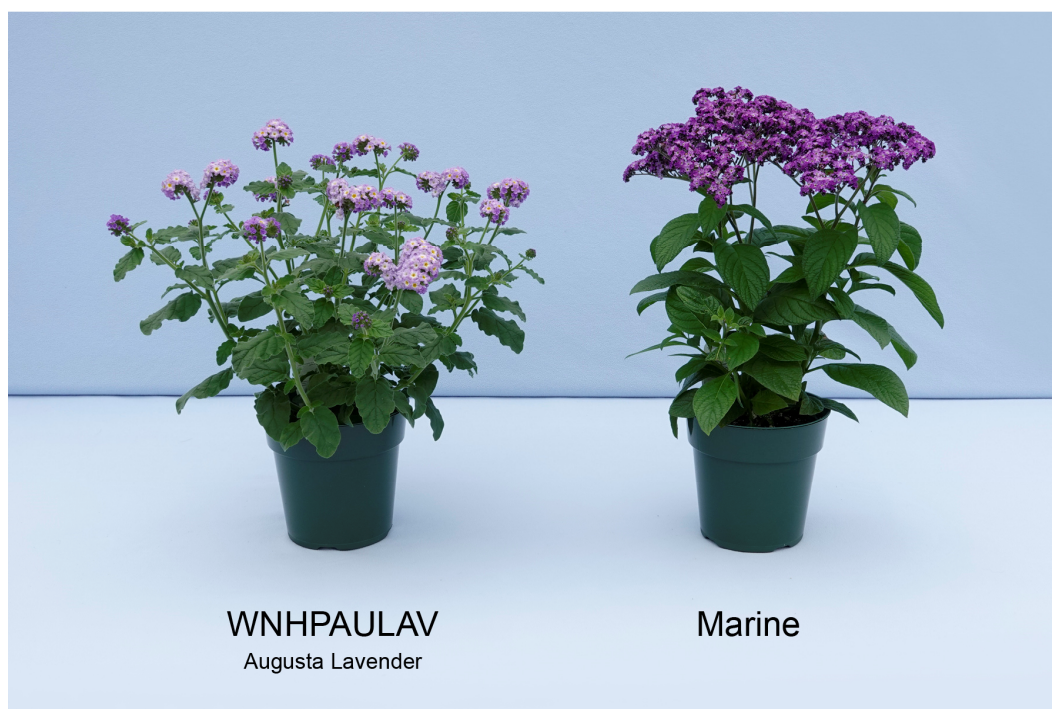
**Origin and Breeding:** The variety 'WNHPAULAV' originated from an open pollination that occurred in Bonsall, California, U.S.A. in June to July of 2018. The cross occurred between the female proprietary seedling designated 16BR048 and an unknown male parent. From the resulting progeny, a single plant was selected on August 2, 2018 in Bonsall, California, U.S.A. based on plant vigour, plant growth habit, flower fragrance, inflorescence size and free flowering. 'WNHPAULAV' was first asexually propagated by cuttings on August 7, 2018 in Bonsall, California, U.S.A.

**Tests and Trials:** The comparative trial for 'WNHPAULAV' was conducted in a polyhouse during the summer of 2022 at BioFlora Inc. in St. Thomas, Ontario. The trial included a total of 15 plants each of the candidate and reference variety. All plants were grown from rooted cuttings and transplanted into 11 cm pots on April 6, 2022. Observations and measurements were taken from 10 plants, or parts of plants, of each variety on June 8, 2022. All colour determinations were made using the 2015 Royal Horticultural Society (RHS) Colour Chart.

## Comparison table for 'WNHPAULAV'

	'WNHPAULAV'	'Marine'*
<i>Leaf blade length (cm)</i>		
mean	6.5	12.5
std. deviation	0.46	0.69
<i>Leaf blade width (cm)</i>		
mean	4.3	7.1
std. deviation	0.35	0.51
<i>Peduncle length (cm)</i>		
mean	17.4	30.9
std. deviation	2.58	1.54
<i>Corolla diameter (cm)</i>		
mean	1.27	0.76
std. deviation	0.05	0.07
<i>Corolla height (cm)</i>		
mean	0.81	0.54
std. deviation	0.03	0.05
<i>Main colour of inner side of corolla (RHS)</i>		
newly opened	90C	closest to 83A
fully opened	90C-D	83A-C

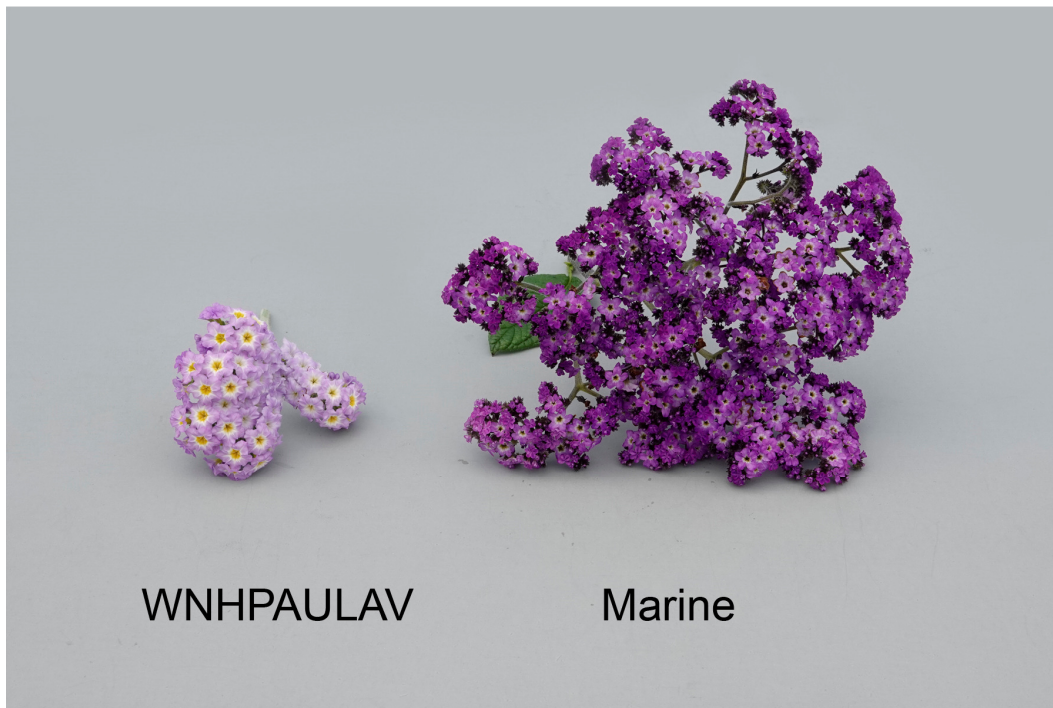
\*reference variety



WNHPAULAV  
Augusta Lavender

Marine

Heliotrope: 'WNHPAULAV' (left) with reference variety 'Marine' (right)



Heliotrope: 'WNHPAULAV' (left) with reference variety 'Marine' (right)

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