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(12) **United States Plant Patent**
**Geibel**

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(54) ***ANGELONIA* PLANT NAMED 'ANDEEPVI'**

(50) Latin Name: ***Angelonia hybrida***
Varietal Denomination: **Andeepvi**

(75) Inventor: **Martin Geibel**, Dresden (DE)

(73) Assignee: **Elsner PAC Jungpflanzen**, Dresden (DE)

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See application file for complete search history.

*Primary Examiner*—Annette H Para
(74) *Attorney, Agent, or Firm*—C. A. Whealy

(57) **ABSTRACT**

A new and distinct cultivar of *Angelonia* plant named 'Andeepvi', characterized by its upright plant habit; freely branching habit; freely flowering habit; large dark violet-colored flowers; and good garden performance.

**1 Drawing Sheet**



Botanical designation: *Angelonia hybrida.*
Cultivar denomination: 'ANDEEPVI'.

## BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct cultivar of *Angelonia,* botanically known as *Angelonia hybrida* and hereinafter referred to by the name 'Andeepvi'.

The new *Angelonia* is a product of a planned breeding program conducted by the Inventor in Dresden, Germany. The objective of the breeding program is to create new compact and freely-flowering *Angelonia* cultivars with attractive flower coloration.

The new *Angelonia* originated from a cross-pollination made by the Inventor during the summer of 2003 in Dresden, Germany of two unnamed proprietary selections of *Angelonia hybrida,* not patented. The new *Angelonia* was discovered and selected by the Inventor as a single flowering plant within the progeny of the stated cross-pollination in a controlled environment in Dresden, Germany during the summer of 2004.

Asexual reproduction of the new *Angelonia* by cuttings in a controlled environment in Dresden, Germany since December, 2004, has shown that the unique features of this new *Angelonia* are stable and reproduced true to type in successive generations.

## SUMMARY OF THE INVENTION

The cultivar Andeepvi has not been observed under all possible environmental conditions. The phenotype may vary somewhat with variations in environment and cultural practices such as temperature and light intensity without, however, any variance in genotype.

The following traits have been repeatedly observed and are determined to be the unique characteristics of 'Andeepvi'. These characteristics in combination distinguish 'Andeepvi' as a new and distinct cultivar of *Angelonia:*

1. Upright plant habit.
2. Freely branching habit.
3. Freely flowering habit.
4. Large dark violet-colored flowers.
5. Good garden performance.



Plants of the new *Angelonia* differ from plants of the parent selections primarily in plant and flowering habit as plants of the new *Angelonia* are more freely branching and freely flowering than plants of the parent selections.

Plants of the new *Angelonia* can be compared to plants of the cultivar Anblauzwei, disclosed in U.S. Plant Pat. No. 14,189. In side-by-side comparisons conducted in Dresden, Germany, plants of the new *Angelonia* and the cultivar Anblauzwei differed in the following characteristics:

1. Plants of the new *Angelonia* were more compact than plants of the cultivar Anblauzwei.
2. Plants of the new *Angelonia* had narrower inflorescences than plants of the cultivar Anblauzwei.
3. Plants of the new *Angelonia* had darker and more violet-colored flowers than plants of the cultivar Anblauzwei.

## BRIEF DESCRIPTION OF THE PHOTOGRAPH

The accompanying colored photograph illustrates the overall appearance of the new *Angelonia,* showing the colors as true as it is reasonably possible to obtain in colored reproductions of this type. Colors in the photograph may differ slightly from the color values cited in the detailed botanical description which accurately describe the colors of the new *Angelonia.* The photograph comprises a side perspective view of a typical flowering plant of 'Andeepvi' grown in a container.

## DETAILED BOTANICAL DESCRIPTION

The aforementioned photograph and following observations, measurements and values describe plants grown in Dresden, Germany during the winter and spring in 13-cm containers and under commercial practice in a glass-covered greenhouse with day temperatures averaging 20° C., night temperatures averaging 16° C. and light levels ranging from 15 kilolux to 100 kilolux. Plants were pinched twice, two and five weeks after planting. Plants had been growing for about four months when the photograph was taken and for about five months when the description was taken. In the following description, color references are made to The Royal Horticultural Society Colour Chart, 1995 Edition,

except where general terms of ordinary dictionary significance are used.

Botanical classification: *Angelonia hybrida* cultivar Andeepvi.

Parentage:

*Female, or seed, parent.*—Unnamed proprietary selection of *Angelonia hybrida,* not patented.

*Male, or pollen, parent.*—Unnamed proprietary selection of *Angelonia hybrida,* not patented.

Propagation:

*Type.*—By cuttings.

*Time to initiate roots.*—About 20 days at 20° C.

*Time to produce a rooted young plant.*—About four weeks at 20° C.

*Root description.*—Fine, fibrous; white in color.

*Rooting habit.*—Freely branching; moderately dense.

Plant description:

*Plant form/habit.*—Herbaceous perennial. Upright plant habit; broad inverted triangle. Freely branching habit; when pinched, about six lateral branches develop per plant. Vigorous growth habit.

*Plant height.*—About 50 cm.

*Plant width* (*spread*).—About 30 cm.

*Lateral branches.*—Length: About 40 cm. Diameter: About 3 mm. Internode length: About 1.5 cm to 2.5 cm. Strength: Moderately strong to strong. Texture: Slightly pubescent. Color: Close to 144A.

Foliage description:

*Arrangement.*—Opposite, decussate; simple; sessile.

*Length.*—About 2 cm to 10 cm.

*Width.*—About 1.5 cm to 2 cm.

*Shape.*—Lanceolate to oblong.

*Apex.*—Acute.

*Base.*—Attenuate.

*Margin.*—Serrate.

*Texture, upper and lower surfaces.*—Smooth, glabrous.

*Venation pattern.*—Pinnate.

*Color.*—Developing and fully expanded leaves, upper surface: Close to 137A; venation, close to 137A. Developing and fully expanded leaves, lower surface: Close to 137B; midvein, close to 145C; lateral veins, close to 137B.

Flower description:

*Flower type/habit.*—Single flowers arranged in terminal racemes; flowers face mostly outward. Freely flowering habit; dense inflorescences.

*Fragrance.*—None detected.

*Natural flowering season.*—Continuously flowering from mid-May until frost in Central Europe. Flowers not persistent.

*Postproduction longevity.*—Flowers last about 20 days on the plant.

*Flower buds.*—Height: About 5 mm. Diameter: About 5 mm. Shape: Globular. Color: Close to 138A.

*Inflorescence height.*—About 20 cm.

*Inflorescence diameter.*—About 8 cm.

*Flower diameter.*—About 2.7 cm by 2.7 cm.

*Flower depth.*—About 1 cm.

*Petals.*—Quantity per flower: Typically five in a single whorl; petals fused at the base. Length: About 1 cm. Width: About 1.5 cm. Shape: Roughly spatulate. Apex: Rounded. Margin: Entire; undulate. Texture, upper and lower surfaces: Smooth, glabrous; velvety. Color: When opening and fully opened, upper surface: Darker and more violet than 83A; lower petal with a white, close to 155D, spot towards the base. When opening and fully opened, lower surface: Darker than 83A.

*Sepals.*—Quantity per flower: Typically five in a single whorl. Length: About 5 mm. Width: About 3 mm. Shape: Ovate. Apex: Acute. Margin: Entire. Texture, upper and lower surfaces: Smooth, glabrous. Color, upper surface: Close to 139A. Color, lower surface: Close to 139B.

*Pedicels.*—Length: About 2.5 cm. Diameter: About 1 mm. Angle: Outward to slightly upright, less than 90° from vertical. Strength: Moderately strong; flexible. Texture: Smooth, glabrous. Color: Close to 146A.

*Reproductive organs.*—Stamens: Quantity per flower: Typically four. Filament length: About 3 mm. Filament color: Close to 155D. Anther shape: Elliptic. Anther length: About 2 mm. Anther color: Brown to grey. Pollen amount: Moderate. Pollen color: Close to 155D. Pistils: Quantity per flower: One. Pistil length: About 5 mm. Stigma shape: Tapering. Stigma color: Close to 155D. Style length: About 4 mm. Style color: Close to 155D. Ovary color: Close to 177A.

*Fruits.*—Length: About 5 mm. Diameter: About 5 mm. Color: Close to 177B.

*Seeds.*—Quantity per flower: About 30 to 50. Length: Less than 1 mm. Diameter: Less than 1 mm. Color: Light brown.

Disease/pest resistance: Plants of the new *Angelonia* have not been noted to be resistant to pathogens and pests common to *Angelonia.*

Garden performance: Plants of the new *Angelonia* have been observed to have good garden performance and tolerate rain, wind and temperatures ranging from about 1° C. to 30° C.

It is claimed:

**1**. A new and distinct *Angelonia* plant named 'Andeepvi' as illustrated and described.

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