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Geibel

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

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

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(52) **U.S. Cl.** **Plt./404**

(58) **Field of Classification Search** **Plt./404**
See application file for complete search history.

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(57) **ABSTRACT**

A new and distinct cultivar of *Angelonia* plant named 'Adewhi', characterized by its compact, upright and outwardly spreading plant habit; freely branching habit; freely flowering habit; large white-colored flowers; and good garden performance.

1 Drawing Sheet

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

BACKGROUND OF THE INVENTION

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

The new *Angelonia* plant 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* plants with attractive flower coloration.

The new *Angelonia* plant originated from a cross-pollination made by the Inventor during the summer of 2006 in Dresden, Germany of two unnamed proprietary selections of *Angelonia hybrida*, not patented. The new *Angelonia* plant was discovered and selected by the Inventor as a single flowering plant within the progeny of the stated cross-pollination in a controlled greenhouse environment in Dresden, Germany during the summer of 2007.

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

SUMMARY OF THE INVENTION

Plants of the new *Angelonia* have 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 'Adewhi'. These characteristics in combination distinguish 'Adewhi' as a new and distinct cultivar of *Angelonia* plant:

1. Compact, upright and outwardly spreading plant habit.
2. Freely branching habit.
3. Freely flowering habit.
4. Large white-colored flowers.
5. Good garden performance.

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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.

5 Plants of the new *Angelonia* can be compared to plants of *Angelonia hybrida* 'Anwhitim', disclosed in U.S. Plant Pat. No. 19,866. In side-by-side comparisons conducted in Dresden, Germany, plants of the new *Angelonia* and 'Anwhitim' differed in the following characteristics:

- 10 1. Plants of the new *Angelonia* were shorter and broader than plants of 'Anwhitim'.
2. Leaves of plants of the new *Angelonia* were glossier than leaves of plants of 'Anwhitim'.
- 15 3. Plants of the new *Angelonia* flowered a few days later than plants of 'Anwhitim'.

BRIEF DESCRIPTION OF THE PHOTOGRAPH

20 The accompanying colored photograph illustrates the overall appearance of the new *Angelonia* plant, 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* plant. The photograph comprises a side perspective view of a five-month old typical flowering plant of 'Adewhi' grown in an outdoor nursery during the summer.

DETAILED BOTANICAL DESCRIPTION

30 The following observations, measurements and values describe plants grown in Dresden, Germany during the spring and under commercial practice in 13-cm containers in a glass-covered greenhouse with day temperatures averaging 20° C., 35 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 were five months old when the description was taken. In the following description, 40 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* 'Adewhi'.

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. 5

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. 10

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

Rooting habit.—Freely branching; moderately dense.

Plant description:

Plant form/habit.—Herbaceous perennial; compact, upright and outwardly spreading plant habit; broad inverted triangle; freely branching habit; when pinched, about eight lateral branches develop per plant; moderately vigorous growth habit. 15

Plant height.—About 40 cm. 20

Plant width (spread).—About 35 cm.

Lateral branches.—Length: About 30 cm. Diameter: About 3 mm. Internode length: About 1.5 cm to 2.5 cm. Strength: Moderately strong to strong. Texture: Pubescent. Color: Close to 144A. 25

Leaf 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. 30

Apex.—Acute.

Base.—Attenuate.

Margin.—Serrate.

Texture, upper and lower surfaces.—Smooth, glabrous; viscid. 35

Venation pattern.—Pinnate.

Color.—Developing leaves, upper surface: Close to 137A. Developing leaves, lower surface: Close to 137C. Fully expanded leaves, upper surface: Close to 137A; venation, close to 137C. Fully expanded leaves, lower surface: Close to 137B; venation, close to 145B. 40

Flower description:

Flower type/habit.—Single flowers arranged in terminal racemes; flowers face mostly outwardly; freely flowering habit; dense inflorescences. 45

Fragrance.—None detected.

Natural flowering season.—Plants begin flowering about eleven weeks after planting; in the garden, flowering is continuous from mid-May until frost in Central Europe. 50

Postproduction longevity.—Flowers last about 20 days on the plant; flowers not persistent.

Flower buds.—Height: About 5 mm. Diameter: About 5 mm. Shape: Globular. Color: Close to 137A.

Inflorescence height.—About 15 cm.

Inflorescence diameter.—About 8 cm.

Flower diameter.—About 3.2 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 into a tubular throat. Length: About 1.1 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: Close to 155D. When opening and fully opened, lower surface: Close to 155D.

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 cm. Diameter: About 1 mm. Angle: Outward to slightly upright, less than 90° from vertical. Strength: Moderately strong; flexible. Texture: Pubescent. Color: Close to 146B.

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: Brownish 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 'Adewhi' as illustrated and described.

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