

(12) **United States Plant Patent**
Jaldety et al.

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

(51) **Int. Cl.**
A01H 5/00 (2006.01)

(50) Latin Name: *Angelonia augustifolia*
Varietal Denomination: **Zebra**

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

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(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.

(57) **ABSTRACT**

A new and distinct cultivar of *Angelonia* plant named
'Zebra', characterized by its upright plant habit; freely
branching habit; freely flowering habit; and red purple and
purple bi-colored flowers.

(21) Appl. No.: **11/903,540**

(22) Filed: **Sep. 21, 2007**

1 Drawing Sheet

1

Botanical designation: *Angelonia augustifolia*.
Cultivar denomination: 'Zebra'.

BACKGROUND OF THE INVENTION

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

The new *Angelonia* is a naturally-occurring branch muta-
tion of an unnamed selection of *Angelonia augustifolia*, not
patented. The new *Angelonia* was discovered and selected
by the Inventors as a single flowering plant within a popula-
tion of plants of the parent selection in a controlled environ-
ment in Kfar Hanagid, Israel on May 10, 2003.

Asexual reproduction of the new *Angelonia* by cuttings in
a controlled environment in Kfar Hanagid, Israel since May
10, 2003, has shown that the unique features of this new
Angelonia are stable and reproduced true to type in succes-
sive generations.

SUMMARY OF THE INVENTION

The cultivar Zebra has not been observed under all pos-
sible environmental conditions. The phenotype may vary
somewhat with variations in environment and cultural prac-
tices 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 'Zebra'.
These characteristics in combination distinguish 'Zebra' as a
new and distinct cultivar of *Angelonia*:

1. Upright plant habit.
2. Freely branching habit.
3. Freely flowering habit.
4. Red purple and purple bi-colored flowers.

Plants of the new *Angelonia* differ from plants of the par-
ent selection primarily in flower color as plants of the parent
selection have blue-colored flowers.

Plants of the new *Angelonia* can be compared to plants of
the cultivar Adebic, disclosed in U.S. Plant patent applica-
tion Ser. No. 11/820,016. Plants of the new *Angelonia* and

2

the cultivar Adebic primarily in flower color as plants of the
cultivar Adebic had violet and white bi-colored flowers.

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 repro-
ductions 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 'Zebra' grown in a con-
tainer.

DETAILED BOTANICAL DESCRIPTION

The aforementioned photograph and following
observations, measurements and values describe plants
grown in Kfar Hanagid, Israel during the spring in contain-
ers and under commercial practice in a polyethylene-
covered greenhouse with day temperatures ranging from 24°
C. to 30° C. and night temperatures ranging from 15° C. to
20° C. Plants were pinched twice, two and six weeks after
planting. Plants had been growing for about six months
when the photograph and description were taken. In the fol-
lowing 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 augustifolia* cultivar
Zebra.

Parentage: Naturally-occurring branch mutation of an
unnamed selection of *Angelonia augustifolia*, not pat-
ented.

Propagation:

Type.—By cuttings.

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

Time to produce a rooted young plant.—About 20 to 25
days at 30° C.

Root description.—Fibrous; yellow in color.

Rooting habit.—Moderate branching; moderately dense.

Plant description:

Plant form/habit.—Herbaceous perennial. Upright; inverted triangle. Freely branching habit; when pinched, lateral branches form at the nodes. Vigorous growth habit.

Plant height.—About 30 cm.

Plant width (spread).—About 25 cm.

Lateral branches.—Length: About 17 cm to 23 cm.

Diameter: About 2 mm to 3 mm. Internode length: About 2.5 cm. Strength: Moderately strong. Texture: Smooth, glabrous. Color: 144B.

Foliage description:

Arrangement.—Opposite, decussate; simple; sessile.

Length.—About 4.5 cm to 5.5 cm.

Width.—About 0.9 cm to 1.2 cm.

Shape.—Obovate.

Apex.—Acute.

Base.—Attenuate.

Margin.—Towards the apex, serrate; towards the base, entire.

Texture, upper and lower surfaces.—Pubescent.

Venation pattern.—Pinnate.

Color.—Developing and fully expanded leaves, upper surface: 137A; venation, 139D. Developing and fully expanded leaves, lower surface: 137C; venation, 139D.

Flower description:

Flower type/habit.—Single flowers arranged in terminal racemes; flowers face mostly outward. Freely flowering habit; dense inflorescences with about 25 flowers per inflorescence.

Fragrance.—None detected.

Natural flowering season.—Continuously flowering from spring until autumn in Europe. Flowers not persistent.

Postproduction longevity.—Flowers last about two to three weeks on the plant.

Inflorescence height.—About 12 cm.

Inflorescence diameter.—About 8 cm.

Flower buds.—Height: About 3 mm. Diameter: About 3 mm. Shape: Globular. Color: Close to 138A.

Flower length.—About 2.3 cm to 3 cm.

Flower diameter.—About 2.4 cm to 2.8 cm.

Flower depth.—About 7 mm to 9 mm.

Flower throat diameter.—About 8 mm to 10 mm.

Flower tube length.—About 1 cm to 1.1 cm.

Petals.—Quantity per flower: Typically five in a single whorl; petals fused at the base; petals do not have glands and do not appear to have a palate. Length: About 1 cm to 1.2 cm. Width: About 1 cm to 1.1 cm. Shape: Roughly spatulate. Apex: Rounded. Margin: Entire; slightly undulate. Texture, upper and lower surfaces: Smooth, glabrous. Color: When opening and fully opened, upper surface: Close to 58B to 58C; central stripe, close to 77A. When opening and fully opened, lower surface: Close to 58B to 58C; central stripe, close to 77A. Throat: Close to 71A.

Sepals.—Quantity per flower: Typically five in a single whorl. Length: About 4 mm to 5 mm. Width: About 6 mm to 7 mm. Shape: Lanceolate. Apex: Acute. Margin: Entire. Texture, upper and lower surfaces: Smooth, glabrous. Color, upper and lower surfaces: 137D.

Pedicels.—Length: About 1.9 cm to 2.5 cm. Diameter: About 1 mm to 1.5 mm. Angle: Outwardly. Strength: Moderately strong; flexible. Texture: Pubescent. Color: Close to 146A.

Reproductive organs.—Stamens: Quantity per flower: Typically four. Filament length: About 4 mm to 5 mm. Filament color: Close to 155D. Anther shape: Elliptic. Anther length: About 3 mm. Anther color: Purplish. Pollen amount: None observed. Pistils: None observed.

Seeds/fruits.—Seed and fruit development have not been observed.

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

Temperature tolerance: Plants of the new *Angelonia* have been observed tolerate temperatures ranging from about 5° C. to 40° C.

It is claimed:

1. A new and distinct *Angelonia* plant named ‘Zebra’ as illustrated and described.

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