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Heims

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(54) *SCABIOSA CAUCASICA* PLANT NAMED
‘ULTRA VIOLET’

(75) Inventor: **Daniel M. Heims**, Portland, OR (US)

(73) Assignee: **Terra Nova Nurseries, Inc.**, Canby,
OR (US)

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patent is extended or adjusted under 35
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(52) **U.S. Cl.** **Plt./263**

(58) **Field of Search** **Plt./263**

(56) **References Cited**

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Primary Examiner—Bruce R. Campell
Assistant Examiner—W C Haas

(74) *Attorney, Agent, or Firm*—Klarquist Sparkman, LLP

(57) **ABSTRACT**

A new and distinct cultivar of *Scabiosa caucasica* plant
characterized by its vibrant, deep purple blue flower color.

1 Drawing Sheet

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**BOTANICAL
CLASSIFICATION:**
*Scabiosa
caucasica*.

The present invention relates to a new and distinct cultivar
of *Scabiosa caucasica* and given the cultivar name ‘Ultra
Violet’. *Scabiosa* is in the family Dipsacaceae. This new
cultivar originated as a select seedling found by Dan Heims
in a mass planting of *Scabiosa caucasica* ‘Blue Pacific’
(unpatented) seedlings.

This new *Scabiosa caucasica* cultivar is distinguished by:

1. Intense, deep purple flowers, darker than any known
Scabiosa caucasica on the market.
2. Good flower size.
3. Good vigor.

This new cultivar has been reproduced only by asexual
propagation (division and tissue culture). Each of the prog-
eny exhibits identical characteristics to the original plant.
Asexual propagation by division and tissue culture using
standard micropropagation techniques with terminal and
lateral shoots, as done in Canby, Oreg., shows that the
foregoing characteristics and distinctions come true to form
and are established and transmitted through succeeding
propagations. The present invention has not been evaluated
under all possible environmental conditions. The phenotype
may vary with variations in environment without a change
in the genotype of the plant.

BRIEF DESCRIPTION OF THE DRAWING

FIG. 1 shows *Scabiosa caucasica* ‘Ultra Violet’ growing
in the ground in the spring before flowering in Canby, Oreg.
FIG 2 shows the flowers of this new cultivar.

DETAILED PLANT DESCRIPTION

The following is a detailed description of the new *Sca-*
biosa caucasica cultivar based on observations of a one-
year-old specimen grown in a 2-gallon pot in Canby, Oreg.
The color descriptions are all based on The Royal Horticul-
tural Society Colour Chart.

Botanical name: *Scabiosa caucasica*.
Cultivar name: ‘Ultra Violet’.

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Plant:

Type.—Herbaceous perennial.
Hardiness.—USDA Zones 4 to 9.
Size.—33 cm wide and 17 cm. tall.
Form.—Basal clump.

Leaf:

Type.—Simple.
Shape.—Lanceolate.
Arrangement.—Rosette.
Blade length.—8 to 12 cm.
Width.—1.2 to 1.9 cm. at the widest part.
Margins.—Entire.
Apex.—Acuminate.
Base.—Attenuate, continuing down petiole.
Texture.—Glabrous, leathery.
Vestiture.—Ciliate on margins and main vein.
Venation.—Pinnate.
Color.—Topside — Closest to Green 138A. Bottom —
Green 138A.
Petiole length.—6 to 8 cm, clasping at the base.
Petiole vestiture.—Glabrous.
Petiole color.—Yellow Green 145C.

Inflorescence:

Type.—Long stalked terminal heads.
Peduncle.—Height: 38 cm. Diameter: 0.2 cm. Vesti-
ture: Puberulous. Color: Yellow Green 146B with
Grayed Purple 183A where exposed to sun.
Cauline leaves.—Arrangement: Alternate, clasping,
sessile. Shape: Lanceolate, pinnatifid. Size: 13 cm
long and 1.9 cm wide. Color: Same as basal leaves.

Flower bud:

Size.—0.2 to 0.4 cm wide and 0.4 to 0.7 cm deep.
Shape.—Ovoid.
Color.—Very light violet, Violet Blue 91D.
Vestiture.—Tomentose.

Flower:

Type.—Perfect, zygomorphic, in hemispherical heads
subtended by 2 series of involucral bracts.
Size.—5.5 to 7 cm. wide and 1.8 to 2 cm deep.
Ray-like flowers.—Fan shaped, with 3 large lobe and 2
small lobes. Large lobes are triangular and widest at
the top, fringed and sometimes notched, 3.5 cm wide
and 2.2 cm deep. Small lobes are 0.5 cm deep and 0.3
cm wide. Tube is 0.4 cm long.

Disc-like flowers.—Variable, 1 to 1.5 cm deep and 0.6 to 1.1 cm wide, with lobes unequal.

Texture.—Satiny, soft.

Vestiture.—Glabrous on top and tomentose on bottom.

Color.—Ray, topside — Deep royal purple, closest to Violet Blue 89A but a deeper and more intense. Ray, bottom side — Violet Blue 93A at petal edges to 93B and C in middle and lightening to 91D in tube. Disc, inside — Violet Blue 93A at petal edges to 91C at tube. Disc, outside — Violet Blue 91A at petal edges to 91C at tube.

Bract (at the base of each head).—Involucral bracts in one to two leafy series, lobes lanceolate in shape.

Bract size.—3.5 to 5 cm wide.

Bract color.—Yellow Green 146A.

Calyx.—Bristly, of 5 setae, twice as long as the scarious involucl, persistent.

Involucl.—Persistent at the base of each flower, scarious, white, campanulate, 0.5 cm deep and 0.3 cm wide.

Pistil.—1 cm. long, style color is Violet Group 86A.

Stamen number.—4.

Pollen color.—White 155D.

Bloom period.—June through September in Canby, Oreg.

Fragrance.—Slight.

Seed:

Type.—Achene.

Size.—1 cm including persistent involucl.

Color.—Gray Brown 199B.

Fertility.—Low.

Disease: None observed on plant grown under commercial conditions in Canby, Oreg.

COMPARISONS TO SIMILAR SCABIOSA

Compared to *Scabiosa caucasica* 'Blue Pacific', an unpatented seed variety with darker flowers than the species, the flowers of this new cultivar are much deeper purple blue in color.

I claim:

1. A new and distinct cultivar of *Scabiosa caucasica* plant substantially as shown and described.

* * * * *



Figure 1



Figure 2