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Klemm et al.

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(54) ***OSTEOSPERMUM* PLANT NAMED 'KLEOE17314'**

(50) Latin Name: ***Osteospermum ecklonis***
Varietal Denomination: **KLEOE17314**

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A01H 5/02 (2018.01)

(52) **U.S. Cl.**
USPC **Plt./360**

(58) **Field of Classification Search**
USPC Plt./360
See application file for complete search history.

(56) **References Cited**

PUBLICATIONS

PLUTO Plant Variety Database Feb. 16, 2019.*

* cited by examiner

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(57) **ABSTRACT**

A new *Osteospermum* plant particularly distinguished flower color where the apical portion is yellow-orange and the basal portion is red-purple and an upright growth habit, is disclosed.

1 Drawing Sheet

Genus and species: *Osteospermum ecklonis.*
Variety denomination: 'KLEOE17314'.

BACKGROUND OF THE NEW PLANT

The present invention comprises a new and distinct variety of *Osteospermum*, botanically known as *Osteospermum ecklonis*, and hereinafter referred to by the variety name 'KLEOE17314'. 'KLEOE17314' originated from a cross-pollination conducted in May to October 2013 in Nairobi, Kenya between the proprietary female *Osteospermum* variety 'OE-2005-0035' (unpatented), and the male *Osteospermum* variety 'BALVOYELO' (U.S. Plant Pat. No. 21,122), also commercially known as VOLTAGE 'Yellow'.

The seeds from the cross were sown and plants were grown in a greenhouse for evaluation, where an individual plant designated 'KLEOE17314' was selected from the group of plants in May 2013 in Stuttgart, Germany. In October 2013 in Stuttgart, Germany, 'KLEOE17314' was first vegetatively propagated by vegetative terminal cuttings. 'KLEOE17314' was found to reproduce true to type in successive generations of asexual propagation via vegetative terminal cuttings.

SUMMARY

The following are the most outstanding and distinguishing characteristics of this new variety when grown under normal horticultural practices in Stuttgart, Germany.

1. Flower color where the apical portion is yellow-orange and the basal portion is red-purple; and
2. An upright growth habit.

DESCRIPTION OF THE PHOTOGRAPH

This new *Osteospermum* plant is illustrated by the accompanying photograph which shows the plant's overall plant habit including form, foliage, and flowers. The photograph is of a 10-week-old plant grown in a greenhouse in Stuttgart, Germany in April 2016. The colors shown are as true as can be reasonably obtained by conventional photographic procedures.

DESCRIPTION OF THE NEW VARIETY

The following detailed descriptions set forth the distinctive characteristics of 'KLEOE17314'. The data which define these characteristics were collected on plants after 11 weeks (at the time of flowering) in Stuttgart, Germany in April 2018. The plants were treated with CYCOCEL three times. Color references are to The R.H.S. Colour Chart of The Royal Horticultural Society of London (R.H.S.), 5th edition (2007).

Classification:

Family.—Asteraceae.
Botanical.—Osteospermum ecklonis.
Common.—Osteospermum.
Designation.—'KLEOE17314'.

Parentage:

Female parent.—The proprietary female *Osteospermum* variety 'OE-2005-0035' (unpatented).
Male parent.—The male *Osteospermum* variety 'BALVOYELO' (U.S. Plant Pat. No. 21,122), also commercially known as VOLTAGE 'Yellow'.

Plant:

Form and habit.—Herbaceous perennial but usually cultivated as an annual; not frost resistant.
Growth habit.—Upright.
Branching habit.—Normal.
Height (from top of soil, including inflorescence).—18.0 cm.

Width (*including inflorescences*).—16.0 cm.
Propagation.—Vegetative terminal cuttings.
Time to produce a finished flowering plant.—About 9 weeks.
Time to initiate and develop roots.—3 to 4 weeks.
Root description.—Light tan in color, fine.

Stems:
Total number of branches per plant (*calculated at the base of the plant*).—3.
Length.—18.0 cm.
Diameter.—0.3 cm.
Internode length.—1.4 cm.
Color.—RHS 143C (Green).
Texture.—Smooth, but with fine hairs.
Anthocyanin.—Absent.

Leaves:
Arrangement.—Alternate
Shape.—Obovate.
Apex.—Acute.
Base.—Acute.
Immature color.—Upper surface: RHS N137A (Green). Lower surface: RHS N137B (Green).
Mature color.—Upper surface: RHS N137B (Green). Lower surface: RHS 137C (Green).
Length.—4.5 cm.
Width.—1.6 cm.
Texture.—Upper surface: Leathery. Lower surface: Leathery with fine hairs.
Petioles.—Absent.
Venation pattern.—Pinnate.
Venation color (*both upper and lower surfaces*).—RHS 144B (Yellow-green).

Flower buds:
Shape.—Round-ovoid.
Apex.—Obtuse.
Base.—Acute.
Margin.—Entire.
Texture.—Smooth with fine hairs.
Length.—1.5 cm.
Diameter.—1.1 cm.
Color (*at tight bud just before the ray florets unfold*).—RHS 138A (Green).

Inflorescence:
Type.—Composite, single.
Blooming habit.—Upright with longer flower stems.
Quantity of inflorescences per plant.—3.
Lastingness of the inflorescences on the plant.—10 to 15 days.
Fragrance.—Present.
Inflorescence diameter.—6.3 cm.
Inflorescence depth.—1.5 cm.

Disc floret:
Quantity per inflorescence.—About 30.
Shape.—Tubular.
Tube color.—Closed: RHS 157A (Green-white). Mature: RHS 156D (Greyed-white).
Length.—0.5 cm
Diameter (*at apex*).—0.1 cm.
Apex.—Acute.
Apex color.—RHS 156D (Greyed-white).
Base.—Acute.
Base color.—RHS 155C (White).
Margin.—Entire.

Ray floret:
Quantity per inflorescence.—18.
Shape.—Oblanceolate.
Color.—Upper surface: Apical portion is RHS 22A (Yellow-orange) and basal portion is RHS N74C (Red-purple). Lower surface: RHS 12A (Yellow) with RHS 152A (Yellow-green).
Length.—3.3 cm.
Width.—1.0 cm.
Apex.—Acute.
Base.—Acute.
Margin.—Entire.
Texture.—Upper surface: Smooth. Lower surface: Smooth, shiny.

Peduncle:
Length.—7.5 cm.
Diameter.—0.2 cm.
Texture.—Smooth with hairs.
Color.—RHS 144C (Yellow-green).

Phyllaries:
Arrangement.—Single.
Observed quantity per flower.—18.
Shape.—Lanceolate.
Apex.—Acute.
Base.—Obtuse.
Margin.—Entire.
Length.—1.4 cm.
Width.—0.2 cm.
Texture.—Upper surface: Smooth with fine hairs. Lower surface: Smooth.
Color.—Upper surface: RHS 143A (Green). Lower surface: RHS 143B (Green).

Reproductive organs:
Androecium.—Location: On disc and ray florets. Stamens: Shape: Filamentous. Quantity: Numerous. Filament length: 0.7 cm. Filament diameter: Greater than 0.1 cm. Anther: Shape: Lanceolate. Color: RHS N77A (Purple). Length: 0.4 cm. Diameter: Greater than 0.1 cm. Pollen: Color: RHS 17B (Yellow-orange). Amount: Abundant.
Gynoecium.—Location: On the phyllary. Pistils: Number: Numerous. Length: 0.9 cm. Diameter: 0.2 cm. Stigma: Color: RHS 79A (Purple). Shape: Tapering filamentous and split in two parts. Length: 0.6 cm. Diameter: Greater than 0.1 cm. Style: Color: RHS 156D (Greyed-white). Length: 0.4 cm. Diameter: Greater than 0.1 cm.

Fruit and seed set: None observed.
Disease and pest/insect resistance: No disease and pest/insect resistance observed.

COMPARISON WITH PARENTAL LINES AND KNOWN VARIETY

'KLEOE17314' is a distinct variety of *Osteospermum* and is distinguished from its parents as described in Table 1.

TABLE 1

Comparison with Parental Lines

Characteristic	'KLEOE17314'	Female Parent 'OE-2005-0035'	Male Parent 'BALVOYELO'
Flower Color	Apical portion is Yellow-orange and basal portion is Red-purple	Brown	Yellow

'KLEOE17314' is most similar to the commercial *Osteospermum* variety 'KLEO13209' (unpatented) Differences between the varieties are described in Table 2.

TABLE 2

Comparison with Similar Variety		
Characteristic	'KLEOE17314'	'KLEO13209'
Flower color	Apical portion is Yellow-orange and basal portion is Red-purple	Orange with eyes
Habit	Longer flower stems	Shorter flower stems

We claim:

1. A new and distinct variety of *Osteospermum* plant designated 'KLEOE17314' as illustrated and described herein.

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