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Klemm et al.

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(54) **CALCEOLARIA PLANT NAMED**
‘KLECH13020’

(50) Latin Name: *Calceolaria hybrida*
Varietal Denomination: **KLECH13020**

(71) Applicant: **Klemm+Sohn GmbH & Co. KG,**
Stuttgart (DE)

(72) Inventors: **Nils Klemm,** Stuttgart (DE); **Katinka**
Wilde, Stuttgart (DE)

(73) Assignee: **Klemm+Sohn GmbH & Co. KG,**
Stuttgart (DE)

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Primary Examiner — Keith Robinson

(74) *Attorney, Agent, or Firm* — James M. Weatherly;
Bethany R. Roahrig; Cochran Freund & Young, LLC

(57) **ABSTRACT**

A new *Calceolaria* plant particularly distinguished by having
a red-black flower color, a red-black upper lip (hood) with a
yellow border, and a stretching plant habit, is disclosed.

1 Drawing Sheet

1

Genus and species: *Calceolaria hybrida*.
Variety denomination: ‘KLECH13020’.

BACKGROUND OF THE NEW PLANT

The present invention comprises a new and distinct variety
of *Calceolaria*, botanically known as *Calceolaria hybrida*
and hereinafter referred to by the variety name
‘KLECH13020’. ‘KLECH13020’ is a selection from a cross-
pollination of the proprietary female *Calceolaria* line ‘CH-
2008-0199’ (unpatented) and the proprietary male *Cal-*
ceolaria line ‘CH-2008-0198’ (unpatented).

In June of 2008 the proprietary female *Calceolaria* line
‘CH-2008-0199’ and the proprietary male *Calceolaria* line
‘CH-2008-0198’ were cross pollinated in Stuttgart, Germany
and seeds were obtained. The seeds were sown in the winter
of early 2009 and grown in a greenhouse after crop specific
cultivation selection was done. A plant line was selected in
Stuttgart, Germany in May of 2009 and named
‘KLECH13020’. First cuttings of ‘KLECH13020’ were
taken in June 2009 in Stuttgart, Germany to build up an elite
stock and has been propagated six times by cuttings.
‘KLECH13020’ was found to reproduce true to type in suc-
cessive generations of asexual propagation via stem cuttings
in Stuttgart, Germany.

CROSS REFERENCE TO RELATED APPLICATIONS

Plant Breeder’s Rights for ‘KLECH13020’ were applied
for in Canada on Feb. 3, 2014 (14-8193). ‘KLECH13020’ has
not been made publicly available or sold more than one year
prior to the filing date of this application.

SUMMARY

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

2

1. Red-black flower color;
2. A red-black upper lip (hood) with a yellow border; and
3. A stretching plant habit.

DESCRIPTION OF THE PHOTOGRAPH

This new *Calceolaria* plant is illustrated by the accompa-
nying photograph which shows an overall view of the plant.
The plant is about 3 months-old grown indoors in Stuttgart,
Germany in April 2013. The colors shown are as true as can be
reasonably obtained by conventional photographic proce-
dures.

DESCRIPTION OF THE NEW VARIETY

The following detailed descriptions set forth the distinctive
characteristics of ‘KLECH13020’. The data which define
these characteristics were collected from asexual reproduc-
tions carried out in Stuttgart, Germany. Data was collected on
three-month-old plants grown indoors in Stuttgart, Germany
under greenhouse conditions in April of 2013. Color refer-
ences are to The R.H.S. Colour Chart of The Royal Horticul-
tural Society of London (R.H.S.), 5th edition (2007).

Classification:

Family.—Calceolariaceae.

Species.—*Calceolaria hybrida*.

Common name.—Lady’s purse, slipper flower, pocket-
book flower.

Variety.—‘KLECH13020’.

Parentage:

Female.—Proprietary *Calceolaria* line ‘CH-2008-
0199’.

Male.—Proprietary *Calceolaria* line ‘CH-2008-0198’.

Plant:

Form.—Potted plant.

Habit.—Upright.

Plant height.—Approximately 27.0 cm.

Plant width.—Approximately 33.0 cm.

Flowering habit.—Continuous, but intermittent in summertime.

Time to produce a finished flowering plant.—10 to 11 weeks (in 12 cm pot).

Propagation type.—Stem cuttings. 5

Time to initiate roots.—5 to 6 weeks.

Root description.—Adventitious, fibrous root system, with fine light brown roots, RHS 164C.

Stems: 10

Quantity per plant.—5 to 8.

Color.—RHS 187A, then with maturity getting lighter and greener to RHS 142B.

Length.—Approximately 6.0 cm.

Diameter.—Approximately 0.5 cm.

Internode length.—Approximately 2.5 cm. 15

Texture.—Less pubescent, hairs are very small and soft, not sticky.

Anthocyanin.—Present, RHS 187A.

Leaves: 20

Arrangement.—Decussate.

Length.—2.0 cm (small, younger leaves); 9.5 cm (bigger, old leaves).

Width.—1.0 cm (small, younger leaves); 7.5 cm (bigger, old leaves). 25

Shape.—Rhombical.

Apex.—Obtuse.

Base.—Attenuate.

Margin.—Crenate.

Texture.—Upper surface: Leathery and smooth. Lower surface: Very fine hairs. 30

Glossiness.—Weak.

Variation.—Absent.

Color.—Immature leaf: Upper surface: RHS 137B to 137A. Lower surface: RHS 137D. Mature leaf: Upper surface: RHS 137B to 137A. Lower surface: RHS 137D. 35

Venation pattern.—reticulate.

Venation color.—Upper surface: RHS 137D. Lower surface: RHS 137D. 40

Petiole.—Length: Approximately 1.0 cm. Diameter: 0.5 cm to 1.5 cm. Color: RHS 137D with anthocyanin RHS 187A. Texture: Pubescent, but hairs are very small and not sticky.

Flowers: 45

General.—Zygomorphic with a four-parted calyx, with the lobes free to the base, and a two-lipped sympetalous corolla.

Flowering season.—Without artificial light, from May to June and August to October. 50

Lastingness of individual flowers on the plant.—About 3 weeks.

Fragrance.—Absent.

Bud: 55

Shape.—Truncate hemisphere.

Height.—About 0.4 cm.

Width.—0.6 cm to 1.5 cm.

Color.—RHS 187B.

Texture.—Velvety, not pubescent.

Corolla: 60

General.—The corolla is two-lipped and composed of two pouches, the upper lip and the lower lip.

Flower length.—Approximately 3.5 cm.

Flower width.—Approximately 3.0 cm.

Upper lip.—Hood: Present, RHS 187B with light yellow border RHS 4D. Length: Approximately 1.2 cm. 65

Width: Approximately 0.3 cm. Texture: Velvety, not pubescent. Color: Immature: RHS 187A. Mature: RHS 187A changing to lighter RHS 187B with maturity. Shape: Hemispherical. Apex: Elliptical. Base: Fused with the lower lip more flattened. Margin: Entire.

Lower lip.—Length: Approximately 2.3 cm. Width: Approximately 2.6 cm. Texture: Velvety, not pubescent. Color: Immature: RHS 187A. Mature: RHS 187B. Shape: Hemispherical. Apex: Elliptical. Base: Fused with upper lip more flattened. Margin: Entire. Oil gland: Absent.

Calyx: Four-parted calyx; all calyx lobes showing similar size.

Sepals.—Upper Sepal: Length: Approximately 0.5 cm. Width: Approximately 0.6 cm. Color: Upper surface: RHS 137C. Lower surface: RHS 137D with anthocyanin RHS 187A. Texture: Leathery. Shape: Ovate (egg shape) with acuminate sepal tip. Apex: Acuminate. Base: Fused with three other sepals. Margin: Entire. Lateral sepals: Length: Approximately 0.5 cm. Width: Approximately 0.6 cm. Color: Upper surface: RHS 137C. Lower surface: RHS 137D with anthocyanin RHS 187A. Texture: Leathery. Shape: Ovate with acuminate sepal tip. Apex: Acuminate. Base: Fused with other sepals. Margin: Entire.

Pedicel.—Length: Approximately 1.5 cm. Diameter: Approximately 0.1 cm. Color: RHS 137D with anthocyanin RHS 187C. Texture: Smooth.

Peduncle.—Length: 3.0 cm to 10.0 cm. Diameter: Approximately 0.3 cm. Color: RHS 144D. Texture: Pubescent, sticky.

Reproductive organs:

Stamens.—Quantity per flower: 2. Filament length: Approximately 0.3 cm. Filament diameter: Approximately 0.1 cm. Filament Color: RHS 1D. Anther shape: Elliptic (Theca). Anther length: 0.2 cm (length of connective — Theca approximately 0.2 cm). Shape: Elliptic. Diameter: 0.1 cm. Anther color: RHS 4D. Pollen amount: Scarce. Pollen color: RHS 4D.

Pistils.—Quantity per flower: 1. Pistil length: Approximately 0.2 cm. Style length: Approximately 0.3 cm. Style color: RHS 187A. Stigma shape: Tube-like. Stigma color: RHS 4D. Ovary shape: Cylindrical. Ovary color: RHS 187B.

Fruit and seed set: After pollination, cork capsules are developed. They are ovate-shaped, seeds are brown-black (RHS 200A), oblong to elliptic.

Disease and insect resistance: No particular disease or insect resistance observed.

COMPARISON WITH PARENTAL LINES AND KNOWN VARIETY

‘KLECH13020’ is a distinct variety of *Calceolaria*. ‘KLECH13020’ is distinguished from its parents as described in Table 1:

TABLE 1

Comparison with Parental Lines			
Trait or characteristic	Variety ‘KLECH13020’	Female parent ‘CH-2008-0199’	Male Parent ‘CH-2008-0198’
Habit	Stretching	Stretching	Not stretching
Flower color	Red-black	Red-black	Dark red
Flower size	Medium	Small	Medium

‘KLECH13020’ is most similar to the commercial *Calceolaria* plant named ‘Calynopsis Red’ (unpatented). Differences between the two varieties are described in Table 2:

TABLE 2

Comparison with Similar Variety		
Trait or characteristic	Instant variety ‘KLECH13020’	Commercial line: ‘Calynopsis Red’
Flower color	Red-black	Red
Plant habit	Stretching	Not stretching
Upper lip (hood)	Red-black/light yellow border	Yellow

We claim:
1. A new and distinct variety of *Calceolaria* plant named ‘KLECH13020’ as illustrated and described herein.

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