

African Violet Species Identification Guide

By Ken Barbi (January 26, 2019, Version)

Many of us grow saintpaulia species because they are beautiful and easy to grow. They like natural light, are not fussy, can be ignored for awhile, enjoy low temperatures, and many are profuse bloomers. But recently, all the descriptions we've used before have been thrown up in the air based on new biological analysis. My objective is to give growers something to work with.

The following information comes from the **AVSA** First Class Program, pictures of show winners from the ***African Violet Magazine (AVM)*** since 2000, and species descriptions from the October 2009 **Gesneriad Council of Australia and New Zealand's "Accessions of Saintpaulia Published by the African Violet Society of America"** which helps me giving me 17 more descriptions.

Let's start with an easy one we all know *S. diplotricha* Parker, It is now called *Streptocarpus* sect. *Saintpaulia ionanthus*, subspecies *ionanthus*, var, *diplotrichus*, clone Parker, or in shorthand **S. 5c2. cl. *diplotrichus* Parker**. Under the new system, the "S" (stands for Streptocarpus) does not need to be in italics, and the plant's name gender has been correctly recorded as "female" by calling it *diplotrichus* (Latin female gender) rather than *diplotricha* (Latin male gender).

In the October 2009 **Gesneriad Council of Australia and New Zealand's "Accessions of Saintpaulia Published by the African Violet Society of America"**, the original numbering system followed Saintpaulia species identification by Darbyshire (2006) as modified by the African Violet Society of America. That list shows the Saintpaulia Accessions and the Abbreviated Names with descriptions that I have included in this booklet in **bold red italics**. That updated list (as of July 18th, 2008) came to the Australian/New Zealanders courtesy of the African Violet Society of America, Dr. Jeff Smith, Dr. James F. Smith, Dr. Bill Price, Dr. Barbara Pershing, and Joe Bruns.

The new and latest *Classification of Saintpaulia Species* list published in the September - October 2018 African Violet Magazine was developed by Nishii et. al. in 2015, and is shown on page 2 of this guide. This list serves as the basis for current species identification. It is my starting point coming up with a viable guide.

On pages 3 & 4, is the African Violet Species AVSA Scale of Points from the *2016 AVSA Handbook For Growers, Exhibitors, and Judges*.

CLASSIFICATION OF SAINTPAULIA SPECIES

This list represents abbreviations and names following the Nishii et. al., 2015 merger of *Saintpaulia* as a section in genus *Streptocarpus*. Some names have been corrected for Latin gender agreement with the genus name *Streptocarpus*.

S. 1. <i>inconspicuus</i> (not in cultivation)	S. 5c2. cl. <i>diplotrichus</i> Punter No. 0
S. 2. <i>afroviola</i> (not in cultivation)	S. 5c2. cl. <i>diplotrichus</i> Punter No. 6
S. 3. <i>shumensis</i>	S. 5c2. cl. <i>diplotrichus</i> Punter No. 7
S. 3. cl. <i>shumensis</i>	S. 5c2. cl. <i>diplotrichus</i> Uppsala 3084
S. 3. cl. <i>shumensis</i> Mather EE	S. 5c2. cl. <i>diplotrichus</i> Uppsala 3085
S. 4. <i>teitensis</i>	5e. subspecies <i>occidentalis</i>
S. 5. <i>ionanthus</i>	S. 5e. cl. <i>magungensis</i> var. <i>occidentalis</i>
5a. subspecies <i>grandifolius</i>	S. 5e. cl. <i>magungensis</i> var. <i>occidentalis</i>
S. 5a. cl. <i>grandifolius</i> No. 237	Mather No. 12
S. 5a. cl. <i>grandifolius</i> No. 299	5f. subspecies <i>orbicularis</i>
5b. subspecies <i>grotei</i>	S. 5f. cl. <i>orbicularis</i>
S. 5b. cl. <i>confusa</i>	S. 5f. cl. <i>orbicularis</i> var. <i>purpurea</i>
S. 5b. cl. <i>confusa</i> Mather Brother Paddy	5g. subspecies <i>pendulus</i>
S. 5b. cl. <i>confusa</i> Mather E	S. 5g. cl. <i>intermedia</i>
S. 5b. cl. <i>confusa</i> Uppsala 3395	S. 5g. cl. <i>pendulus</i>
S. 5b. cl. <i>difficilis</i>	S. 5g. cl. <i>pendulus</i> Cornell G304
S. 5b. cl. <i>difficilis</i> Mather No. 2	S. 5g. cl. <i>pendulus</i> Uppsala 3087
S. 5b. cl. <i>difficilis</i> Uppsala 3396	S. 5g. cl. <i>pendulus</i> Uppsala 3089
S. 5b. cl. <i>grotei</i>	S. 5g. cl. <i>pendulus</i> Uppsala 3090
S. 5b. cl. <i>grotei</i> Amazon	S. 5g. cl. <i>pendulus</i> var. <i>kizarae</i>
S. 5b. cl. <i>grotei</i> Cornell G149	5h. subspecies <i>rupicolus</i>
S. 5b. cl. <i>grotei</i> Mather No. 7	S. 5h. cl. <i>rupicolus</i>
S. 5b. cl. <i>grotei</i> Mather No. 21	S. 5h. cl. <i>rupicolus</i> Mather No. 5
S. 5b. cl. <i>grotei</i> Mather V	S. 5h. cl. <i>rupicolus</i> pale or lite
S. 5b. cl. <i>grotei</i> Protzen or Uppsala 3091	S. 5h. cl. <i>rupicolus</i> Cha Simba or
S. 5b. cl. <i>grotei</i> Silvert	Chasimba
S. 5b. cl. <i>grotei</i> sport	S. 5h. cl. <i>rupicolus</i> Kacharoroni or
S. 5b. cl. <i>magungensis</i>	Robertson
S. 5b. cl. <i>magungensis</i> var. <i>minima</i>	5i. subspecies <i>velutinus</i>
5c. subspecies <i>ionanthus</i>	S. 5i. cl. <i>velutinus</i>
1. variety <i>ionanthus</i>	S. 5i. cl. <i>velutinus</i> Amazon
S. 5c1. cl. <i>ionanthus</i> House of Amani	S. 5i. cl. <i>velutinus</i> lite
S. 5c1. cl. <i>ionanthus</i>	S. 6. <i>brevipilosus</i>
S. 5c1. cl. <i>ionanthus</i> Amazon	S. 6. cl. <i>brevipilosus</i>
S. 5c1. cl. <i>ionanthus</i> 930919	S. 6. cl. <i>brevipilosus</i> Mather No. 10
S. 5c1. cl. Pangani Falls	S. 6. cl. <i>brevipilosus</i> Grusell or Nguru
S. 5c1. cl. Sigi Falls	Mnt. or Uppsala 3154
S. 5c1. cl. <i>tongwensis</i>	S. 7. <i>nitidus</i>
S. 5c1. cl. <i>tongwensis</i> Uppsala 3397	S. 8. <i>ulugwensis</i> (not in cultivation)
S. 5c1. cl. white <i>ionanthus</i> or Mather No. 20	S. 9. <i>goetzeanus</i>
2. variety <i>diplotrichus</i>	S. 10. <i>watkinsii</i> (not in cultivation)
S. 5c2. cl. <i>diplotrichus</i> Parker	

The purpose of using abbreviated names is to shorten the required scientific names that need to be used. For example, you can more easily write on your label **S. 5c2. cl. *diplotrichus* Parker** than *Streptocarpus* sect. *Saintpaulia ionanthus*, subspecies *ionanthus*, var. *diplotrichus*, clone Parker. (The 5c2. code indicates that it is the species *ionanthus*, subspecies *ionanthus*, var. *diplotrichus* so all that information does not need to be written out.) **Note:** The use of italics for the "S" in the former system represents a *Saintpaulia* species. Under the Nishii et. al. system, the "S" does not need to be in italics.

AFRICAN VIOLET SPECIES

AVSA SCALE OF POINTS

Cultural Perfection	50 points
Grooming	30 points
Quantity of bloom (according to species).....	20 points

CONSIDERATIONS FOR JUDGING AFRICAN VIOLET SPECIES

African violet species are the ancestors of all cultivars. Some species tend to have single crowns, others are naturally multiple-crowned, and still others are trailers. *Saintpaulia* species provide the genetic material for hybridizing and exhibitors should be encouraged to show and grow species to keep them available. Only through years of breeding and selecting have modern hybrids reached their present standards for symmetry, form, and quantity of bloom

Judges must look at the species as native or wild plants. Occasionally, in the wild habitat, they may have an extra crown or two. The descriptions listed in the Handbook are the basis for patterns of growth. However, we should exhibit them as they are, without artificially pruning them to meet certain criteria. Judges should judge them as presented without deducting points for an occasional deviation.

Cultural Perfection: Factors to consider under cultural perfection are those pertaining to horticultural practices carried out during the entire growing cycle. Reward plants which show careful culture throughout the entire growing cycle, good form, have been grown long enough to show growth characteristics of the species, and have uniform foliage color throughout, according to the species. Fault plants which show evidence of cultural neglect or inconsistency, have poor shape or form, and have damage from past disease or infestation.

Examples of deductions:

form - within a maximum 20 points (trailing forms need not have multiple crowns)

distribution of bloom - within a maximum 5 points

leaf color up to 3 points for each incorrectly colored leaf

pot size - up to 3 points if pot size is not in proportion to plant (not the 1:3 ratio of rosette plants, just a proportion that looks balanced)

centering - up to 3 points for a plant not originally centered in pot; many grow off to one side

bare stems (on trailing types) - 1/2 point per missing leaf for obvious bare stems

yellowed leaf edge - up to 1 point per leaf

bare or open spaces - up to 5 points per occurrence

Grooming: Factors to consider are things that could have been done shortly before the show to improve the appearance of the plant. Reward neatness, cleanliness, and the careful trimming of blossom and leaf stubs. Fault a dirty plant or pot, damaged foliage or blossoms, spent blossoms, and stubs.

Examples of deductions:

marred leaf - up to 1 point per occurrence

spent blossom - 1/2 point per blossom

inconsistent leaf size - 1 point per leaf

out-of-place leaf - up to 1 point per leaf (a long leaf sticking out from a compact rosette or mound of foliage)

Quantity of Bloom: The number of blossoms differs considerably with the species. Some species are free bloomers and others are extremely shy, even hiding the blossoms they do have under their leaves. Size, color and number of blooms will vary due to growing conditions and dis-budding, etc. Bloom can be expected as moderate for most clones on the list. Saintpaulia species should not be expected to display as much bloom as hybrids.

S. 1. *inconspicuus*



S. *inconspicuus* (S 1) Single white to pale blue, throat sometimes blue-purple, 1-6 per peduncle, petals curve backward. Leaves small, oval, pale green beneath, edges slightly wavy, upper surface hairless except on edges. Miniature trailer. *Saintpaulia* species

S. 2. *afroviola*



S. *afroviola* (S 2) Single white with bluish edges, 1-4 per peduncle, slightly bell-shaped. Leaves small, elongated ovals, purple beneath, edges smooth, upper surface with sparse long hairs, edges with shorter denser hairs. Miniature rosette to slightly trailing. *Saintpaulia* species

S. 3. cl. *shumensis*



S. shumensis (S 3) Single pale lilac to nearly white with darker purple spot towards base of the upper petals, 1-4 per peduncle, rarely 6. Leaves nearly round, white to pale green beneath, edges toothed, upper surface shiny with sparse long hairs on raised bumps.

Miniature to semiminature rosette, but may form multiple crowns. Saintpaulia species

(B. Burtt - 1955) Single pale blue to almost white/variable darker eye, usually four per peduncle, sparse bloom. Bright green, pebbled, glossy, slightly serrated, short petiole, leaf blade twisted in some clones. Single crown, but tends to sucker easily. Miniature to Semi-miniature.

S. 3. cl. *shumensis* Mather EE



S. clone shumensis Mather EE (S 3)

The difference between the two clones is size. The S. 3. cl. *shumensis* Mather EE clone looks pretty much the same as the S. 3. cl. *shumensis*, but is 2-3 times larger in both leaf size and plant size. Flowers are only about 25-50% larger. Dr Jeff Smith long suspected that Mather EE may be a tetraploid of the regular clone. Since he has not checked the chromosome number, he has been reluctant to label it as an "Amazon" clone. Both clones have the strawberry pebbling on the leaf surfaces with long leaf hairs at scattered intervals. Both tend to set seed pods spontaneously. Flower color is always a light blue with a slight variation in shading depending on growing conditions. (Description from E Mail Jeff Smith sent to Ken in January 2019)

S. 4. *teitensis*



S. *teitensis* (S 4) Single purple, 3-4 per peduncle, hairs on back of petals. Leaves variable, but usually longer than wide, dark green and shiny above, pale green to purple beneath, edges shallowly toothed, petiole attaches to blade from underneath rather than on end in mature leaves, upper surface with dense hairs. Standard rosette. Saintpaulia species

(B. Burt - 1958) Single light blue-violet; 1-2 per peduncle, rare blooms hide under leaves. Dark, slightly pointed, may spoon; thick, rough, brittle, glossy/red, sometimes light green back. Usually grows upright. Standard.

S. 5a. cl. *grandifolius* No. 237



S. *ionanthus* subsp. *grandifolius* (S 5a) Single pale to deep blue-violet, 6-12 per peduncle. Leaves oval to elliptical, somewhat fleshy, medium green above, pale green beneath, edges shallowly to coarsely toothed, upper surface with short erect hairs. Standard rosette. Saintpaulia species

(B. Burt - 1958) Single blue-violet, one or more per peduncle, floriferous. Light green, elliptical, very thin, long flexible petiole. Usually single crown. Large.

S. 5a. cl. *grandifolius*
No. 299



S. ionanthus subsp. grandifolius (S 5a) Single pale to deep blue-violet, 6-12 per peduncle. Leaves oval to elliptical, somewhat fleshy, medium green above, pale green beneath, edges shallowly to coarsely toothed, upper surface with short erect hairs. Standard rosette. Saintpaulia species

(B. Burtt - 1958) Single dark blue-violet, one or more per peduncle, very floriferous. Light to medium green, elliptical, very thin, crinkled, long flexible petiole. Usually single crown. Large.

S. 5b. cl. *confusa*



S. clone confusa (S 5b) Description pending. Clone of S. ionanthus subsp. grotei. Saintpaulia species

(B. Burtt - 1958) Single dark purple, 2-6 per peduncle. Variable floriferousness. Medium green, thin, quilted, leathery, flexible, serrated/near-white back. Often multi-crowned. May develop sideways growth habit. Semi-miniature to Standard.

**S. 5b. cl. *confusa*
Mather Brother Paddy**



S. clone *confusa* Mather Brother Paddy (S 5b)
Description pending. Clone of *S. ionanthus*
subsp. *grotei*. *Saintpaulia* species

**S. 5b. cl. *confusa*
Mather E**



S. clone *confusa* Mather E (S 5b) Description
pending. Clone of *S. ionanthus* subsp. *grotei*.
Saintpaulia species

S. 5b. cl. *confusa*

Uppsala 3395

S. clone *confusa* Uppsala 3395 (S 5b)
Description pending. Clone of *S. ionanthus*
subsp. *grotei*. *Saintpaulia* species

S. 5b. cl. *confusa*

Uppsala 2004-0790

S. clone *confusa* Uppsala 2004-0790 (S 5b)



Description pending. Clone of *S. ionanthus*
subsp. *grotei*. *Saintpaulia* species

(Not on Nishii or Australian list)

S. 5b. cl. *difficilis*



S. clone *difficilis* (S 5b) Description pending.
Clone of *S. ionanthus* subsp. *grotei*.
Saintpaulia species

(B. Burt - 1958) Single medium to dark blue, 5-7 per peduncle. Chartreuse, longifolia, tends to spoon, thin, deep veining, crinkled, rough, long hairs. Long, bent petiole. Usually single crown, may sucker. Standard.

S. 5b. cl. *difficilis* Mather 2



S. clone *difficilis* Mather No. 2 (S 5b)
Description pending. Clone of *S. ionanthus*
subsp. *grotei*. Saintpaulia species

S. 5b. cl. *difficilis*
Uppsala 3396



S. clone *difficilis* Uppsala 3396 (S 5b)
Description pending. Clone of *S. ionanthus*
subsp. *grotei*. *Saintpaulia* species

S. 5b. cl. *grotei*



S. ionanthus subsp. *grotei* (S 5b) Single pale
mauve to deep blue-purple, 1-4 per peduncle,
rarely 6. Leaves broadly oval to elliptic, medium
green above, pale green or tinged with purple
beneath, edges coarsely wavy or toothed, upper
surface with appressed hairs of variable length.
Rosette to trailing. *Saintpaulia* species

**(A. Engler - 1921) Single, light-medium
blue/variable darker eye, 2-3 per peduncle.
Flowers may hide under foliage.
Pale-dark green, variable texture, round,
serrated on most clones. Usually
near-white back, occasionally red. Green
or brown flexible petiole, variable
internode length. Large trailer.**

**S. 5b. cl. *grotei*
Amazon**



S. clone *grotei* Amazon (S 5b) Description pending. Clone of *S. ionanthus* subsp. *grotei*. *Saintpaulia* species

**S. 5b. cl. *grotei*
Cornell G149**



S. clone *grotei* Cornell G149 (S 5b) Description pending. Clone of *S. ionanthus* subsp. *grotei*. *Saintpaulia* species

**S. 5b. cl. *grotei*
Mather No. 7**



S. clone *grotei* Mather No. 7 (S 5b) Description pending. Clone of *S. ionanthus* subsp. *grotei*. *Saintpaulia* species

**S. 5b. cl. *grotei* Mather
No. 21**



S. clone *grotei* Mather No. 21 (S 5b) Description pending. Clone of *S. ionanthus* subsp. *grotei*. *Saintpaulia* species

S. 5b. cl. *grotei*
Mather V



S. clone *grotei* Mather V (S 5b) Description pending. Clone of *S. ionanthus* subsp. *grotei*. *Saintpaulia* species

S. 5b. cl. *grotei*
Protzen or Uppsala
3091



S. clone *grotei* Protzen (S 5b) Description pending. Clone of *S. ionanthus* subsp. *grotei*. *Saintpaulia* species

S. 5b. cl. *grotei* Silvert



S. clone *grotei* Silvert (S 5b) Description pending. Clone of *S. ionanthus* subsp. *grotei*. *Saintpaulia* species

S. 5b. cl. *grotei* sport



S. clone *grotei* sport (S 5b) Description pending. Clone of *S. ionanthus* subsp. *grotei*. *Saintpaulia* species

Single blue and white star, chimera. Trailer, light green, pointed. Semi miniature Trailer.

**S. 5b. cl.
magungensis**



S. clone magungensis (S 5b) Description pending. Clone of *S. ionanthus* subsp. *grotei*. *Saintpaulia* species

(E. Roberts - 1950) Single small dark violet-blue/darker eye, 2-4 per peduncle, very floriferous. Round, cupped-down, pebbled, slightly serrated, brown petiole/green-white back, prominent midrib. Semi-miniature trailer.

**S. 5b. cl. magungensis
var. minima**



S. clone magungensis var. minima (S 5b) Description pending. Clone of *S. ionanthus* subsp. *grotei*. *Saintpaulia* species

(B. Burt - 1964) Single, tiny light purple/darker eye, 1-2 per peduncle, rarely blooms. Medium, small, cupped-down, thin, hairy, serrated, red-brown petiole. Miniature Trailer.

**S. 5c1.cl. *ionanthus*
House of Amani**



S. clone *ionanthus* House of Amani (S 5c1)
Description pending. Clone of *S. ionanthus*
subsp. *ionanthus* var. *ionanthus*. *Saintpaulia*
species

**Single medium lavender-blue, 3-7 per
peduncle, hides under leaves,
short-lived. Dark green, pointed, quilted,
smooth, prominent veins,
serrated/occasional red back, petiole.
Usually single crowned. Never declared a
true species. Standard.**

S. 5c1.cl. *ionanthus*



S. clone *ionanthus* (S 5c1) Description pending.
Clone of *S. ionanthus* subsp. *ionanthus* var.
ionanthus. *Saintpaulia* species

**(H. Wendland - 1893) Single blue-violet,
4-5 per peduncle, very floriferous. Dark
green, pointed, heart-shaped, tends to
spoon, thick, quilted, glossy, slightly
serrated, long red-brown petiole/red back.
Large.**

**S. 5c1.cl. *ionanthus*
Amazon**

S. clone *ionanthus* Amazon (S 5c1)
Description pending. Clone of *S. ionanthus*
subsp. *ionanthus* var. *ionanthus*. *Saintpaulia*
species

**S. 5c1.cl. *ionanthus*
930919**



S. clone *ionanthus* 930919 (S 5c1) Description
pending. Clone of *S. ionanthus* subsp.
ionanthus var. *ionanthus*. *Saintpaulia* species

S. 5c1.cl. Pangani Falls



S. clone Pangani Falls (S 5c1) Description pending. Clone of *S. ionanthus* subsp. *ionanthus* var. *ionanthus*. *Saintpaulia* species

S. 5c1.cl. Sigi Falls



S. clone Sigi Falls (S 5c1) Description pending. Clone of *S. ionanthus* subsp. *ionanthus* var. *ionanthus*. *Saintpaulia* species

Single variable blue-violet, 2-4 per peduncle, medium to difficult to bloom. Dull green, tends to look mottled, longifolia, may spoon, thick, tough, very hairy, varies in size/purple-red back. Multi-crowned. Never declared a true species. Large standard to Bushy trailer.

S. 5c1. cl. *tongwensi*



S. clone *tongwensi* (S 5c1) Description pending. Clone of *S. ionanthus* subsp. *ionanthus* var. *ionanthus*. *Saintpaulia* species (B. Burt - 1947) **Single pale blue, may show dark pinwheel marking when grown cool; 4-6 per peduncle, very floriferous. Dark green, pointed, narrow, very thick, hairy, slightly serrated/some red back. May appear variegated with mottled pattern over main veins. Usually upright single crown, rarely suckers. Standard.**

**S. 5c1. cl. *tongwensis*
Uppsala 3397**



S. clone *tongwensis* Uppsala 3397 (S 5c1) Description pending. Clone of *S. ionanthus* subsp. *ionanthus* var. *ionanthus*. *Saintpaulia* species

S. 5c1. cl. white ionanthus or Mather No. 20

S. clone white ionanthus (S 5c1) Description



pending. Clone of *S. ionanthus* subsp. *ionanthus* var. *ionanthus*. *Saintpaulia* species
Single, four to five per peduncle, pale lilac to white, good bloomer. Single crown with frequent suckers, light green, pointed, thick heart shaped, quilted/lighter green reverse. Standard.

S. 5c2. cl. *diplotrichus* Parker



S. clone *diplotrichus* Parker (S 5c2) Description
pending. Clone of *S. ionanthus* subsp. *ionanthus* var. *diplotrichus*. *Saintpaulia* species
Single, one per peduncle, blue-grey to near white, with bright yellow stamens. Single crown, occasionally suckers, dark green, plain, round, heart-shaped/light red reverse. Standard.

**S. 5c2. cl.
diplotrichus Punter
No. 0**



S. ionantha subsp. ionanthus var. diplotrichus (S 5c2) Single pale mauve to deep blue-purple, 4-12 per peduncle. Leaves oval to nearly round, dark green above, purple beneath, edges slightly wavy or sharply toothed, upper surface with short and long erect hairs. Standard rosette. Saintpaulia species
(B. Burt - 1947) Single pale lilac/bright yellow stamens; seven per peduncle. Dark green, pointed, thick, serrated. Single crown, may sucker. Small standard.

**S. 5c2. cl.
diplotrichus Punter
No. 6**



S. clone diplotrichus Punter #6 (S 5c2)
Description pending. Clone of S. ionanthus subsp. ionanthus var. diplotrichus. Saintpaulia species
(B. Burt - 1947) Single pale lilac to light blue/bright yellow stamens; one per peduncle. Dark green, small, round, may spoon, lotus-type. Single crown, may sucker. Standard.

**S. 5c2. cl.
diplotrichus Punter
No. 7**



S. ionantha subsp. ionanthus var. diplotrichus (S 5c2) Single pale mauve to deep blue-purple, 4-12 per peduncle. Leaves oval to nearly round, dark green above, purple beneath, edges slightly wavy or sharply toothed, upper surface with short and long erect hairs. Standard rosette. Saintpaulia species
(B. Burt - 1947) Single blue-grey to near white/bright yellow stamens. Dark olive green, plain, heart-shaped, pointed/light red back. Single crown, may sucker. Small standard.

**S. 5c2. cl.
diplotrichus Uppsala
3084**



S. clone diplotrichus Uppsala 3084 (S 5c2)
Description pending. Clone of S. ionanthus subsp. ionanthus var. diplotrichus. Saintpaulia species

S. 5c2. cl.
***diplotrichus* Uppsala**
3085



S. clone *diplotrichus* Uppsala 3085 (S 5c2)
Description pending. Clone of *S. ionanthus*
subsp. *ionanthus* var. *diplotrichus*. *Saintpaulia*
species

S. 5d. *mafiensis*



S. ionanthus subsp. *mafiensis* (S 5d) Single violet, 1-4 per peduncle. Leaves oval to nearly round, purple beneath, edges wavy, upper surface with sparse short hairs. Standard rosette. *Saintpaulia* species

(Not on Nishii list
believed not to be in
cultivation)

S. 5e. cl. *magungensis* var. *occidentalis*



S. ionanthus subsp. *occidentalis* (S 5e) Single mauve-purple, 2-4 per peduncle, requires cold temperatures to flower. Leaves oval to elliptical, dark green and shiny above, purple beneath, edges shallowly toothed or wavy, upper surface with short appressed hairs.

Standard bushy trailer. *Saintpaulia* species (**B. Burt - 1964**) **Single medium violet-blue/darker eye, 2-5 per peduncle. Medium green, ovate, tends to fold and spoon, glossy. Bushy trailer.**

**S. 5e. cl.
magungensis var.
occidentalis Mather
 No. 12**



S. clone *magungensis* var. *occidentalis* (S 5e)
 Description pending. Clone of *S. ionanthus*
 subsp. *occidentalis*. *Saintpaulia* species

S. 5f. cl. *orbicularis*



S. ionanthus subsp. *orbicularis* (S 5f) Single
 near white with dark spot at base of upper
 petals to dark purple, 4-12 per peduncle, rarely
 20. Leaves oval to nearly round, medium green
 and somewhat shiny above, pale green
 beneath, edges shallowly wavy, surface with
 short appressed hairs of variable length.
 Standard rosette, often with multiple crowns.
Saintpaulia species

**(B. Burt - 1947) Single small light lilac to
 almost white/darker eye, 5-8 per peduncle,
 floriferous but drops easily. Bright
 green, small, round to heart-shaped,
 thin, glossy. Single or multi-crowned.
 Small standard to Standard.**

**S. 5f. cl. *orbicularis*
var. *purpurea***



S. clone *orbicularis* var. *purpurea* (S 5f)
Description pending. Clone of *S. ionanthus* subsp. *orbicularis*. *Saintpaulia* species
(B. Burt - 1964) Single small dark purple, 5-8 per peduncle, very floriferous. Dark green, round to heart-shaped, thin, glossy/light back. Single or multiple crown. Standard.

S. 5g. cl. *intermedia*



S. clone *intermedia* (S 5g) Description pending. Clone of *S. ionanthus* subsp. *pendulus*. *Saintpaulia* species
(B. Burt - 1958) Single medium blue, 5-7 per peduncle, sparse. Olive green, small, round, tends to spoon, velvety, slightly serrated/purple-red back, prominent green veins. Single crown to trailing. Small standard or Trailer.

S. 5g. cl. *pendulus*



S. ionanthus subsp. *pendulus* (S 5g) Single deep blue-violet, 1-2 per peduncle, rarely 4. Leaves oval to elliptical with obvious pointed tip, medium green above, pale green or tinged red-purple beneath, edges slightly wavy to coarsely toothed, upper surface with short erect hairs. Semiminiature trailer to standard trailer, rarely rosette. Saintpaulia species

(B. Burt - 1958) Single pale medium blue, one per peduncle, difficult to bloom. Pale to yellow-green, textured, slightly elongated to ovate, very hairy, serrated, variable internode length/pale back. Trailer.

S. 5g. cl. *pendulus* Cornell G304



S. clone *pendulus* Cornell G304 (S 5g)
Description pending. Clone of *S. ionanthus* subsp. *pendulus*. Saintpaulia species

**S. 5g. cl. *pendulus*
Uppsala 3087**

S. clone pendulus Uppsala 3087 (S 5g)
Description pending. Clone of *S. ionanthus*
subsp. *pendulus*. *Saintpaulia* species

**S. 5g. cl. *pendulus*
Uppsala 3090**



S. clone pendulus Uppsala 3090 (S 5g)
Description pending. Clone of *S. ionanthus*
subsp. *pendulus*. *Saintpaulia* species

**S. 5g. cl. *pendulus*
Uppsala 3089**



S. clone pendulus Uppsala 3089 (S 5g)
Description pending. Clone of *S. ionanthus*
subsp. *pendulus*. *Saintpaulia* species

**S. 5g. cl. *pendulus*
var. *kizarae***



S. clone *pendulus* var. *kizarae* (S 5g)
Description pending. Clone of *S. ionanthus*
subsp. *pendulus*. *Saintpaulia* species
**(B. Burt - 1964) Single lavender, 2-4
per peduncle, floriferous. Light green,
round, hairy, serrated. Trailer.**

S. 5h. cl. *rupicolus*



S. ionanthus subsp. *rupicolus* (S 5h) Single
pale blue to mauve, 4-8 per peduncle. Leaves.
oval, slightly fleshy, medium green above, pale
green to whitish beneath, edges smooth or
shallowly wavy, upper surface with short erect
hairs. Standard rosette, may grow with multiple
crowns. *Saintpaulia* species
**(B. Burt - 1964) Single light-medium blue,
three or more per peduncle. Light-medium
green, heart-shaped, soft, smooth,
glossy, velvety/light back. Leaves
sometimes thick. Multi-crowned standard
or Bushy trailer.**

**S. 5h. cl. *rupicolus*
Maather No. 5**



S. clone *rupicolus* Maather No. 5 (S 5h)
Description pending. Clone of *S. ionanthus*
subsp. *rupicolus*. *Saintpaulia* species

**S. 5h. cl. *rupicolus*
pale or lite**



S. clone *rupicolus* pale (S 5h) Description
pending. Clone of *S. ionanthus* subsp.
rupicolus. *Saintpaulia* species

**S. 5h. cl. *rupicolus*
Cha Simba**



S. clone *rupicolus* Cha Simba (S 5h)
Description pending. Clone of *S. ionanthus*
subsp. *rupicolus*. *Saintpaulia* species

**S. 5h. cl. *rupicolus*
Cha Simba**



S. clone *rupicolus* Cha Simba (S 5h)
Description pending. Clone of *S. ionanthus*
subsp. *rupicolus*. *Saintpaulia* species

S. 5h. cl. *rupicolus*
Kacharoroni or
Robertson



S. clone *rupicolus* Robertson (S 5h)
 Description pending. Clone of *S. ionanthus* subsp. *rupicolus*. *Saintpaulia* species
Single, one or more per peduncle, medium to dark blue, produced freely. Very sturdy single crown, sometimes suckers, long petioles, light green, sometimes spoons, elliptical, serrated/light green reverse. Large.

S. 5i. cl. *velutinus*



S. ionanthus subsp. *velutinus* (S 5i) Single light to dark purple, paler color on petal edges, 2-6 per peduncle, rarely 10. Leaves oval to nearly round, dark green above, usually purple beneath, edges sharply toothed, upper surface densely covered with erect hairs, may also have sparse long hairs. Standard rosette. *Saintpaulia* species
 (B. Burt1958) *Single small medium violet/darker eye, some white tips. Five per peduncle, floriferous. Black-green, round to heart-shaped, may cup up or down, thin, hairy, velvety, pronounced veining, serrated/red-purple back. Single crown, may sucker. Standard.*

S. 5i. cl. *velutinus* Amazon



S. clone *velutinus* Amazon (S 5i) Description pending. Clone of *S. ionanthus* subsp. *velutinus*. *Saintpaulia* species

S. 5i. cl. *velutinus* lite



S. clone *velutinus* lite (S 5i) Description pending. Clone of *S. ionanthus* subsp. *velutinus*. *Saintpaulia* species

Single, two to four per peduncle, small very pale lilac to white/dark blue eye, good bloomer. Single crown, but does sucker, olive green, thin, round to heart-shaped, hairy, velvet, may be cupped either up or down, pronounced veining, finely serrated/red purple reverse. Miniature.

S. 6. *brevipilosus*



S. *brevipilosus* (S 6) Single dark blue, 5-8 per peduncle, may be slightly cupped. Leaves round to oval, medium to dark green above, green to purple beneath, edges wavy and usually smooth, paler green veins on some clones, upper surface with translucent short hairs. Small rosette, sometimes multiple-crowned or may grow sideways. Saintpaulia species

(B. Burt - 1964) Single soft purple/darker centre; 1-4 per peduncle, very short lived. Light green, small, round, thin, glossy, soft, velvety, tightly bunched/pale back; randomly curved petioles. Usually single crown. Semi-miniature to Small standard.

S. 6. *brevipilosus* Grusell or Nguru Mnt. or Uppsala 3154



S. clone *brevipilosus* Grusell (S 6) Description pending. Clone of S. *brevipilosus*. Saintpaulia species

S. 6. *brevipilosus*

Mather No. 10



S. clone *brevipilosus* Mather No. 10 (S 6)
Description pending. Clone of *S. brevipilosus*.
Saintpaulia species

S. 7. *nitidus*



S. nitidus (S 7) Single deep blue-purple, 1-8 per peduncle. Leaves broadly oval to nearly round, dark green with shiny surface, pale green to purple beneath, edges smooth to slightly wavy, upper surface densely covered with short appressed hairs. Standard rosette. Saintpaulia species

(B. Burt - 1958) Single dark blue-purple, 8-10 per peduncle, floriferous. Dark green, round, may spoon, smooth, glossy, slender brown petiole/red back. Open growth. Small or bushy trailer or multi-crowned standard.

S. 8. *ulugurensis*

S. ulugurensis (S 8) No description available.
Not in cultivation. Saintpaulia species

S. 9. *goetzeanus*



S. goetzeanus (S 9) Single white with bluish or purple edges on upper petals, 1-2 per peduncle, rarely 5, requires colder temperatures to flower. Leaves oval to nearly round, purple beneath, edges nearly smooth, upper surface densely hairy. Miniature trailer to semiminiature trailer, frequently forms dense ball of foliage. *Saintpaulia* species

(A. Engler - 1900) Single tiny pale lilac to near white/darker upper petals. Three or more per peduncle, rarely blooms. Dark green, small, round, thick, smooth edge/lighter back. Creeping, branched stems, multi-crowned. Miniature trailer.

S. 10. *watkinsii*

S. watkinsii (S 10) No description available. Not in cultivation. *Saintpaulia* species

Species Characteristics

Leaf reverse side color of leaf reverse sides range from white/green to red/violet. Keep this in mind, as it is relevant to identifying plants.



As an example, *S. 5h. cl. rupicolus* will never have a dark reverse leaf side, whereas *S. 5g. cl. pendulus* may have a dark reverse leaf side.



S. 5g. cl. pendulus with dark reverse leaf side

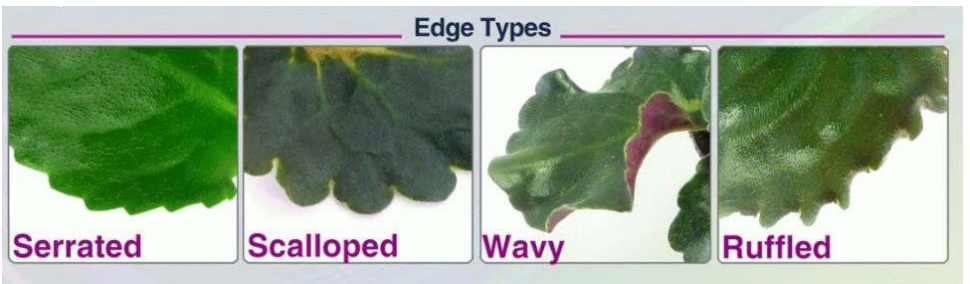


Leaf Shape

Leaf Hairiness



Leaf Edge Type



Number of Blossoms per Peduncle



S. 5h. cl. *rupicolua* shown with **4 pale blue to mauve blossoms** per peduncle

The number of blossoms per peduncle can affect correctly identifying a species.

S. 5g. cl. *pendulus* is a single deep blue to violet flower with **1 - 2 blossoms** per peduncle, rarely 4.

However, S. 5h. cl. *rupicolus* is a single pale blue to mauve flower with **4 - 8 blossoms** per peduncle.



S. 5g. cl. *pendulus* shown with **2 deep blue to violet blossoms** per peduncle

Blossom Shape

This is the **only shape** of species - - 2 small petals on the top and 3 larger petals on the bottom.



Pansy Single on *S. clone orbicularis (S 5f)* - the only blossom shape species exhibit

Blossom Color

There are only a few species blossom colors. You won't find the striking pinks and reds hybridized plants have. Here are the basic ones:



DARK BLUE *S. clone brevipilosus*
Mather No. 10 (S 6) Description pending. Clone of *S. brevipilosus*.
Saintpaulia species

MAUVE-PURPLE *S. clone magungensis var. occidentalis (S 5e)*
Description pending. Clone of *S. ionanthus* subsp. *occidentalis*.
Saintpaulia species





PURPLE SHADES *S. clone orbicularis* (S 5f) Description pending. Clone of *S. ionanthus* subsp. *orbicularis*. *Saintpaulia* species

PALE LILAC *S. clone shumensis* Mather EE (S 3) Description pending. Clone of *S. shumensis*. *Saintpaulia* species



WHITE *S. goetzeanus* (S 9) Single white with bluish or purple edges on upper petals, 1-2 per peduncle, rarely 5, requires colder temperatures to flower. Leaves oval to nearly round, purple beneath, edges nearly smooth, upper surface densely hairy. Miniature trailer to semiminiature trailer, frequently forms dense ball of foliage. *Saintpaulia* species

PALE MAUVE TO DEEP BLUE-PURPLE

S. ionantha subsp. *ionanthus* var. *diplotrichus* (S 5c2) Single pale mauve to deep blue-purple, 4-12 per peduncle. Leaves oval to nearly round, dark green above, purple beneath, edges slightly wavy or sharply toothed, upper surface with short and long erect hairs. Standard rosette. *Saintpaulia* species

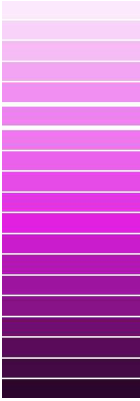


BLUE SHADES *S. clone diplotrichus* Punter #6
(S 5c2) Description pending. Clone of *S.*
ionanthus subsp. *ionanthus* var. *diplotrichus*.
Saintpaulia species



S. clone
diplotrichus Punter
6 (S 5c2)

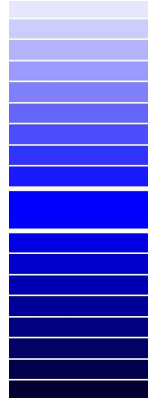
Purple/Violet



Mauve



Blue



Notes