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INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS

GENEVA

**ONCIDIUM;
xONCIDESA;
xIONOCIDIUM;
xZELENKOCIDIUM**

UPOV Code:
ONCID; ONCIE; IONOC; ZELCI

(*Oncidium* Sw.; x*Oncidesa* Hort.;
x*Ionocidium* Hort.;
x*Zelenkocidium* J.M.H.Shaw.)

GUIDELINES

FOR THE CONDUCT OF TESTS

FOR DISTINCTNESS, UNIFORMITY AND STABILITY

Alternative Names: *

<i>Botanical name</i>	<i>English</i>	<i>French</i>	<i>German</i>	<i>Spanish</i>
<i>Oncidium</i> Sw.	Oncidium	Orchidee danseuse, Oncidium	Oncidium	Oncidium, Dama Danzante
x <i>Oncidesa</i> Hort. (<i>Oncidium</i> Sw. x <i>Gomesa</i> R.B.)				
x <i>Ionocidium</i> Hort. (<i>Oncidium</i> Sw. x <i>Ionopsis</i> Kunth.)				
x <i>Zelenkocidium</i> J.M.H. Shaw (<i>Oncidium</i> Sw. x <i>Zelenkoa</i> M.W.Chase & N.H.Williams.)				

The purpose of these guidelines ("Test Guidelines") is to elaborate the principles contained in the General Introduction (document TG/1/3), and its associated TGP documents, into detailed practical guidance for the harmonized examination of distinctness, uniformity and stability (DUS) and, in particular, to identify appropriate characteristics for the examination of DUS and production of harmonized variety descriptions.

ASSOCIATED DOCUMENTS

These Test Guidelines should be read in conjunction with the General Introduction and its associated TGP documents.

* These names were correct at the time of the introduction of these Test Guidelines but may be revised or updated. [Readers are advised to consult the UPOV Code, which can be found on the UPOV Website (www.upov.int), for the latest information.]

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1. Subject of these Test Guidelines

These Test Guidelines apply to all varieties of *Oncidium* Sw., *xOncidesa* Hort. (*Oncidium* Sw. *x* *Gomesa* R.B.), *xIonocidium* Hort. (*Oncidium* Sw. *x* *Ionopsis* Kunth.) and *xZelenkocidium* J.M.H. Shaw (*Oncidium* Sw. *x* *Zelenkoa* M.W.Chase & N.H.Williams.).

2. Material Required

2.1 The competent authorities decide on the quantity and quality of the plant material required for testing the variety and when and where it is to be delivered. Applicants submitting material from a State other than that in which the testing takes place must ensure that all customs formalities and phytosanitary requirements are complied with.

2.2 The material is to be supplied in the form of plants with a developing inflorescence that have not previously flowered.

2.3 The minimum quantity of plant material, to be supplied by the applicant, should be:

9 plants.

2.4 The plant material supplied should be visibly healthy, not lacking in vigor, nor affected by any important pest or disease.

2.5 The plant material should not have undergone any treatment which would affect the expression of the characteristics of the variety, unless the competent authorities allow or request such treatment. If it has been treated, full details of the treatment must be given.

3. Method of Examination

3.1 *Number of Growing Cycles*

The minimum duration of tests should normally be a single growing cycle.

3.2 *Testing Place*

Tests are normally conducted at one place. In the case of tests conducted at more than one place, guidance is provided in TGP/9 “Examining Distinctness”.

3.3 *Conditions for Conducting the Examination*

3.3.1 The tests should be carried out under conditions ensuring satisfactory growth for the expression of the relevant characteristics of the variety and for the conduct of the examination.

3.3.2 Because daylight varies, color determinations made against a color chart should be made either in a suitable cabinet providing artificial daylight or in the middle of the day in a room without direct sunlight. The spectral distribution of the illuminant for artificial daylight should conform with the CIE Standard of Preferred Daylight D 6500 and should fall within the tolerances set out in the British Standard 950, Part I. These determinations should be made with the plant part placed against a white background. The color chart and version used should be specified in the variety description.

3.4 *Test Design*

3.4.1 Each test should be designed to result in a total of at least 9 plants.

3.4.2 The design of the tests should be such that plants or parts of plants may be removed for measurement or counting without prejudice to the observations which must be made up to the end of the growing cycle.

3.5 *Additional Tests*

Additional tests, for examining relevant characteristics, may be established.

4. Assessment of Distinctness, Uniformity and Stability

4.1 *Distinctness*

4.1.1 General Recommendations

It is of particular importance for users of these Test Guidelines to consult the General Introduction prior to making decisions regarding distinctness. However, the following points are provided for elaboration or emphasis in these Test Guidelines.

4.1.2 Consistent Differences

The differences observed between varieties may be so clear that more than one growing cycle is not necessary. In addition, in some circumstances, the influence of the environment is not such that more than a single growing cycle is required to provide assurance that the differences observed between varieties are sufficiently consistent. One means of ensuring that a difference in a characteristic, observed in a growing trial, is sufficiently consistent is to examine the characteristic in at least two independent growing cycles.

4.1.3 Clear Differences

Determining whether a difference between two varieties is clear depends on many factors, and should consider, in particular, the type of expression of the characteristic being examined, i.e. whether it is expressed in a qualitative, quantitative, or pseudo-qualitative manner. Therefore, it is important that users of these Test Guidelines are familiar with the recommendations contained in the General Introduction prior to making decisions regarding distinctness.

4.1.4 Number of Plants / Parts of Plants to be Examined

Unless otherwise indicated, for the purposes of distinctness, all observations on single plants should be made on 8 plants or parts taken from each of 8 plants and any other observations made on all plants in the test, disregarding any off-type plants.

4.1.5 Method of Observation

The recommended method of observing the characteristic for the purposes of distinctness is indicated by the following key in the second column of the Table of

Characteristics (see document TGP/9 “Examining Distinctness”, Section 4 “Observation of characteristics”):

MG: single measurement of a group of plants or parts of plants

MS: measurement of a number of individual plants or parts of plants

VG: visual assessment by a single observation of a group of plants or parts of plants

VS: visual assessment by observation of individual plants or parts of plants

Type of observation: visual (V) or measurement (M)

“Visual” observation (V) is an observation made on the basis of the expert’s judgment. For the purposes of this document, “visual” observation refers to the sensory observations of the experts and, therefore, also includes smell, taste and touch. Visual observation includes observations where the expert uses reference points (e.g. diagrams, example varieties, side-by-side comparison) or non-linear charts (e.g. color charts). Measurement (M) is an objective observation against a calibrated, linear scale e.g. using a ruler, weighing scales, colorimeter, dates, counts, etc.

Type of record: for a group of plants (G) or for single, individual plants (S)

For the purposes of distinctness, observations may be recorded as a single record for a group of plants or parts of plants (G), or may be recorded as records for a number of single, individual plants or parts of plants (S). In most cases, “G” provides a single record per variety and it is not possible or necessary to apply statistical methods in a plant-by-plant analysis for the assessment of distinctness.

In cases where more than one method of observing the characteristic is indicated in the Table of Characteristics (e.g. VG/MG), guidance on selecting an appropriate method is provided in document TGP/9, Section 4.2.

4.2 Uniformity

4.2.1 It is of particular importance for users of these Test Guidelines to consult the General Introduction prior to making decisions regarding uniformity. However, the following points are provided for elaboration or emphasis in these Test Guidelines:

4.2.1 For the assessment of uniformity, a population standard of 1% and an acceptance probability of at least 95% should be applied. In the case of a sample size of 9 plants, 1 off-type is allowed.

4.3 Stability

4.3.1 In practice, it is not usual to perform tests of stability that produce results as certain as those of the testing of distinctness and uniformity. However, experience has demonstrated that, for many types of variety, when a variety has been shown to be uniform, it can also be considered to be stable.

4.3.2 Where appropriate, or in cases of doubt, stability may be further examined by testing a new plant stock to ensure that it exhibits the same characteristics as those shown by the initial material supplied.

5. Grouping of Varieties and Organization of the Growing Trial

5.1 The selection of varieties of common knowledge to be grown in the trial with the candidate varieties and the way in which these varieties are divided into groups to facilitate the assessment of distinctness are aided by the use of grouping characteristics.

5.2 Grouping characteristics are those in which the documented states of expression, even where produced at different locations, can be used, either individually or in combination with other such characteristics: (a) to select varieties of common knowledge that can be excluded from the growing trial used for examination of distinctness; and (b) to organize the growing trial so that similar varieties are grouped together.

5.3 The following have been agreed as useful grouping characteristics:

Guidance for the use of grouping characteristics, in the process of examining distinctness, is provided through the General Introduction and document TGP/9 “Examining Distinctness”.

- (a) Plant: size (characteristic 1)
- (b) Flower: width in front view (characteristic 23)
- (c) Petal: ground color (characteristic 71) with the following groups:
- (d) Petal: diffused over color (if present) (characteristic 72) with the following groups:
- (e) Petal: color of spots (characteristic 75) with the following groups:
- (f) Petal: color of bands (characteristic 78) with the following groups:
- (g) Petal: color of stripes (if present) (characteristic 79) with the following groups:
- (h) Petal: color of margin (characteristic 81) with the following groups:
- (i) Petal: color of macule (characteristic 83) with the following groups:
- (j) Apical lobe of lip: ground color (characteristic 92) with the following groups:

Grouping characteristics from (c) to (j) should be applicable with following color groups

- Gr.1: white
- Gr.2: yellow
- Gr.3: orange
- Gr.4: pink
- Gr.5: red
- Gr.6: violet
- Gr.7: brown

6. Introduction to the Table of Characteristics

6.1 *Categories of Characteristics*

6.1.1 Standard Test Guidelines Characteristics

Standard Test Guidelines characteristics are those which are approved by UPOV for examination of DUS and from which members of the Union can select those suitable for their particular circumstances.

6.1.2 Asterisked Characteristics

Asterisked characteristics (denoted by *) are those included in the Test Guidelines which are important for the international harmonization of variety descriptions and should always be examined for DUS and included in the variety description by all members of the Union, except when the state of expression of a preceding characteristic or regional environmental conditions render this inappropriate.

6.2 *States of Expression and Corresponding Notes*

6.2.1 States of expression are given for each characteristic to define the characteristic and to harmonize descriptions. Each state of expression is allocated a corresponding numerical note for ease of recording of data and for the production and exchange of the description.

6.2.2 In the case of qualitative and pseudo-qualitative characteristics (see Chapter 6.3), all relevant states of expression are presented in the characteristic. However, in the case of quantitative characteristics with 5 or more states, an abbreviated scale may be used to minimize the size of the Table of Characteristics. For example, in the case of a quantitative characteristic with 9 states, the presentation of states of expression in the Test Guidelines may be abbreviated as follows:

State	Note
small	3
medium	5
large	7

However, it should be noted that all of the following 9 states of expression exist to describe varieties and should be used as appropriate:

State	Note
very small	1
very small to small	2
small	3
small to medium	4
medium	5
medium to large	6
large	7
large to very large	8
very large	9

6.2.3 Further explanation of the presentation of states of expression and notes is provided in document TGP/7 “Development of Test Guidelines”.

6.3 *Types of Expression*

An explanation of the types of expression of characteristics (qualitative, quantitative and pseudo-qualitative) is provided in the General Introduction.

6.4 *Example Varieties*

Where appropriate, example varieties are provided to clarify the states of expression of each characteristic.

6.5 *Legend*

(*) Asterisked characteristic – see Chapter 6.1.2

QL Qualitative characteristic – see Chapter 6.3

QN Quantitative characteristic – see Chapter 6.3

PQ Pseudo-qualitative characteristic – see Chapter 6.3

MG, MS, VG, VS – see Chapter 4.1.5

(a)-(d) See Explanations on the Table of Characteristics in Chapter 8.1.

(+) See Explanations on the Table of Characteristics in Chapter 8.2.

7. Table of Characteristics/Tableau des caractères/Merkmalstabelle/Tabla de caracteres

	English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
1. VG (*) (+)	Plant: size	Plante : taille	Pflanze: Größe	Planta: tamaño		
QN	small	petite	klein	pequeño	Twinkle Fragrance Fantasy	3
	medium	moyenne	mittel	medio	Mayfair Yellow Angel	5
	large	grande	groß	grande	Kurusu	7
2. VG (*) (+)	Plant: attitude of leaves	Plante : port des feuilles	Pflanze: Haltung der Blätter	Planta: porte de las hojas		
QN	(b) erect	dressé	aufrecht	erecto	Haruka	1
	semi-erect	demi-dressé	halbaufrecht	semierecto	Only You	2
	horizontal	horizontal	waagrecht	horizontal		3
	pendulous	retombant	halbhängend	péndulo		4
3. VG (*)	Pseudobulb: size	Pseudobulbe : taille	Pseudobulbe: Größe	Pseudobulbo: tamaño		
QN	(a) small	petit	klein	pequeño	Haru Ichiban	3
	medium	moyen	mittel	medio		5
	large	grand	groß	grande	Sang-Chang Nihao, Shimizuparasol Papurikon	7
4. VG (*) (+)	Pseudobulb: shape in longitudinal section	Pseudobulbe : forme en section longitudinale	Pseudobulbe: Form im Längsschnitt	Pseudobulbo: forma en sección longitudinal		
PQ	(a) ovate	ovale	eiförmig	oval	Kukoo YMC-2, Yellow Days	1
	elliptic	elliptique	elliptisch	elíptica	Haruka, Sunlight Siesta Lulu	2
	circular	circulaire	kreisförmig	circular	Dancing Sunlight Ami	3
	oblate	aplati	breitrund	achatada		4

	English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
5. VG (+)	Pseudobulb: shape in cross section	Pseudobulbe : forme en section transversale	Pseudobulbe: Form im Querschnitt	Pseudobulbo: forma en sección transversal		
PQ (a)	very narrow oblate	très aplatie étroite	sehr schmal breitrund	muy achatada estrecha	Dancing Sunlight Suzy	1
	narrow oblate	aplatie étroite	schmal breitrund	achatada estrecha	Mayfair Yellow Angel	2
	oblate	aplatie	breitrund	achatada		3
	circular	circulaire	kreisförmig	circular		4
6. VG/ MS (+)	Pseudobulb: number of cataphylls	Pseudobulbe : nombre de cataphylles	Pseudobulbe: Anzahl der Kataphylle	Pseudobulbo: número de catáfilos		
QN (a)	few	rares	gering	bajo	Fight Yuko	1
	medium	moyen	mittel	medio	Sunlight Siesta Lulu	2
	many	nombreux	hoch	alto		3
7. VG/ MS (+)	Pseudobulb: number of leaves	Pseudobulbe : nombre de feuilles	Pseudobulbe: Anzahl der Blätter	Pseudobulbo: número de hojas		
QN (a)	one	une	eines	una	Dancing Sunlight Ami	1
	two	deux	zwei	dos	Monshirochono Cafe	2
	three	trois	drei	tres	Shimizuparasol Papurikon	3
	more than three	plus de trois	mehr als drei	más de tres		4
8. VG/ MS	Leaf: length	Feuille : longueur	Blatt: Länge	Hoja: longitud		
QN (b)	short	courte	kurz	corta	Twinkle Fragrance Fantasy	3
	medium	moyenne	mittel	media	Dancing Sunlight Suzy	5
	long	longue	lang	larga	Shimizuparasol Papurikon	7

		English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
9. (*)	VG/ MS	Leaf: width	Feuille : largeur	Blatt: Breite	Hoja: anchura		
QN	(b)	narrow	étroite	schmal	estrecha	Sakuranosato, Yellow Days	3
		medium	moyenne	mittel	media	Dancing Sunlight Suzy	5
		broad	large	breit	ancha		7
10. (*) (+)	VG	Leaf: shape	Feuille : forme	Blatt: Form	Hoja: forma		
PQ	(b)	narrow lanceolate	lancéolée étroite	schmal lanzettlich	lanceolada estrecha	Morning Medley Sakurako	1
		linear	linéaire	linear	lineal	Haruka, Kaorinoizumi	2
		narrow elliptic	elliptique étroite	schmal elliptisch	elíptica estrecha		3
		medium elliptic	elliptique moyenne	mittel elliptisch	elíptica media		4
11.	VG	Leaf: shape in cross section	Feuille : forme en section transversale	Blatt: Form im Querschnitt	Hoja: forma en sección transversal		
QN	(b)	concave	concave	konkav	cóncava	Yellow Days	1
		flat	plate	flach	plana	Ella Flambeau	2
		convex	convexe	konvex	convexa		3
12.	VG	Leaf: intensity of green color on upper side	Feuille : intensité de la couleur verte sur la face supérieure	Blatt: Intensität der Grünfärbung der Oberseite	Hoja: intensidad del color verde en el haz		
QN	(b)	light	claire	hell	claro		1
		medium	moyenne	mittel	medio	Sunlight Siesta Lulu	2
		dark	foncée	dunkel	oscuro	Dancing Sunlight Nancy	3

	English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
13. VG (*) (+)	Inflorescence: type	Inflorescence : type	Blütenstand: Typ	Inflorescencia: tipo		
QL	raceme	grappe	Blütentraube	racimo	Poco-A-Poco Yellow	1
	simple panicle	panicule	einfache Rispe	panícula simple	Misakiwaveyurara	2
	compound panicle	panicule composée	zusammengesetzte Rispe	panícula compuesta	Dancing Sunlight Ami	3
14. VG/ MS (*) (+)	Inflorescence: length of flowering part	Inflorescence : longueur de la partie florale	Blütenstand: Länge des blühenden Teils	Inflorescencia: longitud de la parte en floración		
QN	short	courte	kurz	corta		3
	medium	moyenne	mittel	media	Monshirochono Cafe	5
	long	longue	lang	larga	Kurisu	7
15. VG/ MS (*) (+)	Inflorescence: width	Inflorescence : largeur	Blütenstand: Breite	Inflorescencia: anchura		
QN	narrow	étroite	schmal	estrecha	Twinkle Fragrance Fantasy	3
	medium	moyenne	mittel	media	Sunlight Siesta Lulu	5
	broad	large	breit	ancha	Kurisu	7
16. VG/ MS (*) (+)	Inflorescence: number of flowers	Inflorescence : nombre de fleurs	Blütenstand: Anzahl der Blüten	Inflorescencia: número de flores		
QN	few	rares	gering	bajo		3
	medium	moyen	mittel	medio	Yasukaspa Akane	5
	many	nombreuses	hoch	alto	Sunlight Siesta Lulu	7
17. VG/ MS (*) (+)	Peduncle: length	Pédoncule : longueur	Blütenstandstiel: Länge	Pedúnculo: longitud		
QN	short	court	kurz	corto	Kaorinoizumi, Sakuranosato	3
	medium	moyen	mittel	medio	Sunlight Siesta Lulu	5
	long	long	lang	largo	Ella Flambeau	7

	English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
18. VG/ MS (*)	Peduncle: thickness	Pédoncule : épaisseur	Blütenstandstiel: Dicke	Pedúnculo: grosor		
QN	thin	mince	dünn	delgado	Twinkle Fragrance Fantasy	1
	medium	moyenne	mittel	medio	Kurisu	2
	thick	épaisse	dick	grueso		3
19. VG (*) (+)	Peduncle: anthocyanin coloration	Pédoncule : pigmentation anthocyanique	Blütenstandstiel: Anthocyanfärbung	Pedúnculo: pigmentación antociánica		
QN	absent or weak	absente ou faible	fehlend oder gering	ausente o débil	Monshirochono Cafe	1
	moderate	modérée	mittel	moderada	Kurisu	2
	strong	forte	stark	fuerte	Dancing Sunlight Nancy	3
20. VG (*) (+)	Flower: curvature of sepals	Fleur : courbure des sépales	Blume: Biegung der Kelchblätter	Flor: curvatura de los sépalos		
QN	(c) incurving	incurvée	aufgebogen	curvados hacia adentro	Mayfair Yellow Angel	1
	straight	droite	gerade	rectos	Shimizuparasol Papurikon	2
	recurving	recurvée	zurückgebogen	curvados hacia afuera	Dancing Sunlight Ami	3
21. VG (*) (+)	Flower: curvature of petals	Fleur : courbure des pétales	Blüte: Biegung der Blütenblätter	Flor: curvatura de los pétalos		
QN	(c) incurving	incurvée	aufgebogen	curvados hacia adentro	Mayfair Yellow Angel	1
	straight	droite	gerade	rectos	Shimizuparasol Papurikon	2
	recurving	recurvée	zurückgebogen	curvados hacia afuera	Dancing Sunlight Ami	3

	English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota	
22. (*) (+)	VG/ MS	Flower: length in front view	Fleur : longueur en vue de face	Blüte: Länge in Vorderansicht	Flor: longitud en perspectiva frontal		
QN		short	courte	kurz	corta	Kurisu	3
		medium	moyenne	mittel	media	Dancing Sunlight Ami	5
		long	longue	lang	larga	Makali Gotoh	7
23. (*) (+)	VG/ MS	Flower: width in front view	Fleur : largeur en vue de face	Blüte: Breite in Vorderansicht	Flor: anchura en perspectiva frontal		
QN		narrow	étroite	schmal	estrecha	Kurisu	3
		medium	moyenne	mittel	media	Morning Medley Sakurako	5
		broad	large	breit	ancha	Mayfair Trinity	7
24. (*) (+)	VG/ MS	Flower: fragrance	Fleur : parfum	Blüte: Duft	Flor: fragancia		
QN		absent or weak	absent ou faible	fehlend oder gering	ausente o débil	Pink Sugar, Sunlight Siesta Lulu	1
		moderate	modéré	mittel	moderada	Only One	2
		strong	fort	stark	fuerte		3
25. (*) (+)	VG/ MS	Dorsal sepal: length	Sépale dorsal : longueur	Dorsales Kelchblatt: Länge	Sépalo dorsal: longitud		
QN	(c)	very short	très court	sehr kurz	muy corto	Yellow Days	1
		short	court	kurz	corto	Mayfair Trinity	2
		medium	moyen	mittel	medio	Pink Puli	3
		long	long	lang	largo		4
		very long	très long	sehr lang	muy largo	Augures Royal Sash	5

		English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
26. (*)	VG/MS	Dorsal sepal: width	Sépale dorsal : largeur	Dorsales Kelchblatt: Breite	Sépalo dorsal: anchura		
QN	(c)	very narrow	très étroit	sehr schmal	muy estrecho	Yellow Days	1
		narrow	étroit	schmal	estrecho	Yukahime	2
		medium	moyen	mittel	medio	Abousarasa	3
		broad	large	breit	ancho	Augures Royal Sash	4
		very broad	très large	sehr breit	muy ancho		5
27. (*) (+)	VG	Dorsal sepal: shape	Sépale dorsal : forme	Dorsales Kelchblatt: Form	Sépalo dorsal: forma		
PQ	(c)	ovate	ovale	eiförmig	oval	Ella Flambeau	1
		lanceolate	lancéolé	lanzettlich	lanceolada	Shell White	2
		elliptic	elliptique	elliptisch	elíptica	Misakiwaveyurara, Yellow Days	3
		narrow elliptic	elliptique étroit	schmal elliptisch	elíptica estrecha	Dancing Sunlight Nancy, Haruka	4
		linear	linéaire	linear	lineal	Sunlight Siesta Ota	5
		obovate	obovale	verkehrt eiförmig	oboval	Kaorinoizumi	6
28. (*) (+)	VG	Dorsal sepal: curvature of longitudinal axis	Sépale dorsal : courbure de l'axe longitudinal	Dorsales Kelchblatt: Biegung der Längsachse	Sépalo dorsal: curvatura del eje longitudinal		
QN	(c)	strongly incurving	fortement incurvé	stark aufgebogen	fuertemente curvado hacia adentro		1
		moderately incurving	modérément incurvé	mäßig aufgebogen	moderadamente curvado hacia adentro	Sang-Chang Nihao, Yellow Days	3
		straight	droit	gerade	recto	Makali Gotoh	5
		moderately recurving	modérément retombant	mäßig zurückgebogen	moderadamente curvado hacia afuera	Ella Flambeau	7
		strongly recurving	fortement retombant	stark zurückgebogen	fuertemente curvado hacia afuera		9

		English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
29.	VG	Dorsal sepal: cross section	Sépale dorsal : section transversale	Dorsales Kelchblatt: Querschnitt	Sépalo dorsal: sección transversal		
(+)							
QN	(c)	strongly concave	fortement concave	stark konkav	fuertemente cóncavo		1
		moderately concave	moyennement concave	mäßig konkav	moderadamente cóncavo		3
		flat	plate	flach	plano	Kukoo YMC-2, Only You	5
		moderately convex	moyennement convexe	mäßig konvex	moderadamente convexo	Shell White, Yellow Days	7
		strongly convex	fortement convexe	stark konvex	fuertemente convexo		9
30.	VG	Dorsal sepal: undulation of margin	Sépale dorsal : ondulation du bord	Dorsales Kelchblatt: Wellung des Randes	Sépalo dorsal: ondulación del borde		
(+)							
QN	(c)	absent or weak	absente ou faible	fehlend oder gering	ausente o débil	Only You	1
		medium	moyenne	mittel	media	Yellow Days	2
		strong	forte	stark	fuerte		3
31.	VG	Dorsal sepal: ground color	Sépale dorsal : couleur de fond	Dorsales Kelchblatt: Grundfarbe	Sépalo dorsal: color de fondo		
(*)							
PQ	(c)	RHS Colour Chart (indicate reference number)	Code RHS des couleurs (indiquer le numéro de référence)	RHS-Farbkarte (Nummer angeben)	Carta de colores RHS (indicar el número de referencia)		
32.	VG	Dorsal sepal: diffused over color (if present)	Sépale dorsal : répartition de la couleur du lavis (si présent)	Dorsales Kelchblatt: diffuse Deckfarbe (falls vorhanden)	Sépalo dorsal: color difuso por encima (de haberlo)		
(+)							
PQ	(c)	RHS Colour Chart (indicate reference number)	Code RHS des couleurs (indiquer le numéro de référence)	RHS-Farbkarte (Nummer angeben)	Carta de colores RHS (indicar el número de referencia)		
33.	VG	Dorsal sepal: number of spots	Sépale dorsal : nombre de taches	Dorsales Kelchblatt: Anzahl der Flecken	Sépalo dorsal: número de lunares		
QN	(c)	absent or very few	absent ou très rares	fehlend oder sehr gering	bajo o muy pocos	Fight Yuko	1
		few	rares	gering	bajo		2
		medium	moyen	mittel	medio	Makali Gotoh	3
		many	nombreuses	hoch	alto		4

		English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
34.	VG	Dorsal sepal: size of spots	Sépale dorsal : taille des taches	Dorsales Kelchblatt: Größe der Flecken	Sépalo dorsal: tamaño de los lunares		
QN	(c)	very small	très petit	sehr klein	muy pequeño		1
		small	petite	klein	pequeño	Pink Sugar	2
		medium	moyenne	mittel	medio	Makali Gotoh	3
		large	large	groß	grande	Kurisu	4
35.	VG	Dorsal sepal: color of spots	Sépale dorsal : couleur des taches	Dorsales Kelchblatt: Farbe der Flecken	Sépalo dorsal: color de los lunares		
	(+)						
PQ	(c)	RHS Colour Chart (indicate reference number)	Code RHS des couleurs (indiquer le numéro de référence)	RHS-Farbkarte (Nummer angeben)	Carta de colores RHS (indicar el número de referencia)		
36.	VG	Dorsal sepal: number of bands	Sépale dorsal : nombre de bandes	Dorsales Kelchblatt: Anzahl der Bänder	Sépalo dorsal: número de bandas		
QN	(c)	absent or very few	absent ou très rares	fehlend oder sehr wenige	ausentes o muy bajo	Fight Yuko	1
		few	rares	wenige	bajo		2
		medium	moyen	mittel	medio	Monshirochono Cafe	3
		many	nombreuses	viele	alto		4
37.	VG	Dorsal sepal: distribution of bands	Sépale dorsal : répartition des bandes	Dorsales Kelchblatt: Verteilung der Bänder	Sépalo dorsal: distribución de las bandas		
PQ	(c)	basal area	zone basale	basaler Bereich	zona basal		1
		middle area	zone médiane	mittlerer Bereich	zona media		2
		distal area	zone distale	distaler Bereich	zona distal		3
		basal and middle area	zone basale et médiane	basaler und mittlerer Bereich	zonas basal y media		4
		distal and middle area	zone distale et médiane	distaler und mittlerer Bereich	zonas distal y media		5
		whole area	zone entière	gesamter Bereich	en toda la superficie		6

		English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
38.	VG	Dorsal sepal: color of bands	Sépale dorsal : couleur des bandes	Dorsales Kelchblatt: Farbe der Bänder	Sépalo dorsal: color de las bandas		
(+)							
PQ	(c)	RHS Colour Chart (indicate reference number)	Code RHS des couleurs (indiquer le numéro de référence)	RHS-Farbkarte (Nummer angeben)	Carta de colores RHS (indicar el número de referencia)		
39.	VG	Dorsal sepal: color of stripes (if present)	Sépale dorsal : couleur des stries (si présentes)	Dorsales Kelchblatt: Farbe der Streifen (falls vorhanden)	Sépalo dorsal: color de las franjas (de haberlas)		
(+)							
PQ	(c)	RHS Colour Chart (indicate reference number)	Code RHS des couleurs (indiquer le numéro de référence)	RHS-Farbkarte (Nummer angeben)	Carta de colores RHS (indicar el número de referencia)		
40.	VG	Dorsal sepal: width of marginal color	Sépale dorsal : largeur de la couleur marginale	Dorsales Kelchblatt: Breite der Farbe des Randes	Sépalo dorsal: anchura del color del borde		
QN	(c)	absent or very narrow	absente ou très étroite	fehlend oder sehr schmal	ausente o muy estrecha		1
		narrow	étroite	schmal	estrecha		2
		medium	moyenne	mittel	media		3
		broad	large	breit	ancha		4
41.	VG	Dorsal sepal: color of margin	Sépale dorsal : couleur du bord	Dorsales Kelchblatt: Farbe des Randes	Sépalo dorsal: color del borde		
(+)							
PQ	(c)	RHS Colour Chart (indicate reference number)	Code RHS des couleurs (indiquer le numéro de référence)	RHS-Farbkarte (Nummer angeben)	Carta de colores RHS (indicar el número de referencia)		
42.	VG	Dorsal sepal: size of macule (if present)	Sépale dorsal : taille de la macule (si présente)	Dorsales Kelchblatt: Größe des Flecks (falls vorhanden)	Sépalo dorsal: tamaño de la mácula (de haberla)		
QN	(c)	very small	très petite	sehr klein	muy pequeño		1
		small	petite	klein	pequeño		2
		medium	moyenne	mittel	medio		3
		large	large	groß	grande		4

	English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
43. VG (+)	Dorsal sepal: color of macule	Sépale dorsal : couleur de la macule	Dorsales Kelchblatt: Farbe des Flecks	Sépalo dorsal: color de la mácula		
PQ	(c) RHS Colour Chart (indicate reference number)	Code RHS des couleurs (indiquer le numéro de référence)	RHS-Farbkarte (Nummer angeben)	Carta de colores RHS (indicar el número de referencia)		
44. VG/MS (*)	Lateral sepal: length	Sépale latéral : longueur	Seitliches Kelchblatt: Länge	Sépalo lateral: longitud		
QN	(c) very short	très court	sehr kurz	muy corto	Yellow Days	1
	short	court	kurz	corto	Amby	2
	medium	moyen	mittel	medio	Pink Puli	3
	long	long	lang	largo		4
	very long	très long	sehr lang	muy largo	Augures Royal Sash	5
45. VG/MS (*)	Lateral sepal: width	Sépale latéral : largeur	Seitliches Kelchblatt: Breite	Sépalo lateral: anchura		
QN	(c) very narrow	très étroit	sehr schmal	muy estrecho	Yellow Days	1
	narrow	étroit	schmal	estrecho		2
	medium	moyen	mittel	medio		3
	broad	large	breit	ancho	Augures Royal Sash	4
	very broad	très large	sehr breit	muy ancho		5
46. VG/MS (*) (+)	Lateral sepal: shape	Sépale latéral : forme	Seitliches Kelchblatt: Form	Sépalo lateral: forma		
PQ	(c) ovate	ovale	eiförmig	oval	Makali Gotoh	1
	lanceolate	lancéolé	lanzettlich	lanceolada	Dancing Sunlight Suzy	2
	elliptic	elliptique	elliptisch	elíptica		3
	broad obovate	obovale large	breit verkehrt eiförmig	oboval ancha	Kukoo YMC-2	4
	medium obovate	obovale moyen	mittel verkehrt eiförmig	oboval media	Yasukasupa Koharu	5
	curving obovate	obovale courbé	gebogen verkehrt eiförmig	oboval curva	Only You	6

		English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
47.	VG	Lateral sepal: curvature of longitudinal axis	Sépale latéral : courbure de l'axe longitudinal	Seitliches Kelchblatt: Biegung der Längsachse	Sépalo lateral: curvatura del eje longitudinal		
QN	(c)	strongly incurving	fortement incurvé	stark aufgebogen	fuertemente curvado hacia adentro		1
		moderately incurving	modérément incurvé	mäßig aufgebogen	moderadamente curvado hacia adentro	Haruka, Yellow Days	3
		straight	droit	gerade	recto	Only You	5
		moderately recurving	modérément retombant	mäßig zurückgebogen	moderadamente curvado hacia afuera	Makali Gotoh	7
		strongly recurving	fortement retombant	stark zurückgebogen	fuertemente curvado hacia afuera	Dancing Sunlight Nancy, Pink Sugar	9
48.	VG	Lateral sepal: cross section	Sépale latéral : section transversale	Seitliches Kelchblatt: Querschnitt	Sépalo lateral: sección transversal		
QN	(c)	strongly concave	fortement concave	stark konkav	fuertemente cóncavo		1
		moderately concave	moyennement concave	mäßig konkav	moderadamente cóncavo		3
		flat	plate	flach	plano	Ella Flambeau	5
		moderately convex	moyennement convexe	mäßig konvex	moderadamente convexo		7
		strongly convex	fortement convexe	stark konvex	fuertemente convexo		9
49.	VG	Lateral sepal: twisting	Sépale latéral : torsion	Seitliches Kelchblatt: Verdrehung	Sépalo lateral: torsión		
QN	(c)	absent or weak	absente ou faible	fehlend oder gering	ausente o débil	Dancing Sunlight Ami	1
		moderate	modérée	mittel	moderada		2
		strong	forte	stark	fuerte	Shimizuparasol Papurikon	3

		English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
50.	VG	Lateral sepal: undulation of margin	Sépale latéral : ondulation du bord	Seitliches Kelchblatt: Wellung des Randes	Sépalo lateral: ondulación del borde		
QN	(c)	absent or weak	absente ou faible	fehlend oder gering	ausente o débil	Haruka, Kaorinoizumi	1
		medium	moyenne	mittel	media	Monshirochono Cafe	2
		strong	forte	stark	fuerte		3
51.	VG	Lateral sepal: ground color	Sépale latéral : couleur de fond	Seitliches Kelchblatt: Grundfarbe	Sépalo lateral: color de fondo		
PQ	(c)	RHS Colour Chart (indicate reference number)	Code RHS des couleurs (indiquer le numéro de référence)	RHS-Farbkarte (Nummer angeben)	Carta de colores RHS (indicar el número de referencia)		
52.	VG	Lateral sepal: diffused over color (if present)	Sépale latéral : répartition de la couleur du lavis (si présent)	Seitliches Kelchblatt: diffuse Deckfarbe (falls vorhanden)	Sépalo lateral: color difuso por encima (de haberlo)		
PQ	(c)	RHS Colour Chart (indicate reference number)	Code RHS des couleurs (indiquer le numéro de référence)	RHS-Farbkarte (Nummer angeben)	Carta de colores RHS (indicar el número de referencia)		
53.	VG	Lateral sepal: number of spots	Sépale latéral : nombre de taches	Seitliches Kelchblatt: Anzahl der Flecken	Sépalo lateral: número de lunares		
QN	(c)	absent or very few	absentes ou très rares	fehlend oder sehr gering	ausentes o muy bajo	Fight Yuko	1
		few	rares	gering	bajo		2
		medium	moyen	mittel	medio	Makali Gotoh	3
		many	nombreuses	groß	alto		4
54.	VG	Lateral sepal: size of spots	Sépale latéral : taille des taches	Seitliches Kelchblatt: Größe der Flecken	Sépalo lateral: tamaño de los lunares		
QN	(c)	very small	très petite	sehr klein	muy pequeño		1
		small	petite	klein	pequeño		2
		medium	moyenne	mittel	medio	Makali Gotoh	3
		large	large	groß	grande	Kurisu	4

		English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
55.	VG	Lateral sepal: color of spots	Sépale latéral : couleur des taches	Seitliches Kelchblatt: Farbe der Flecken	Sépalo lateral: color de los lunares		
(+)							
PQ	(c)	RHS Colour Chart (indicate reference number)	Code RHS des couleurs (indiquer le numéro de référence)	RHS-Farbkarte (Nummer angeben)	Carta de colores RHS (indicar el número de referencia)		
56.	VG	Lateral sepal: number of bands	Sépale latéral : nombre de bandes	Seitliches Kelchblatt: Anzahl der Bänder	Sépalo lateral: número de bandas		
QN	(c)	absent or very few	absent ou très petit	fehlend oder sehr wenige	ausentes o muy bajo	Fight Yuko	1
		few	petit	wenige	bajo		2
		medium	moyen	mittel	medio	Monshirochono Cafe	3
		many	grand	viele	alto		4
57.	VG	Lateral sepal: distribution of bands	Sépale latéral : répartition des bandes	Seitliches Kelchblatt: Verteilung der Bänder	Sépalo lateral: distribución de las bandas		
PQ	(c)	basal area	zone basale	basaler Bereich	zona basal		1
		middle area	zone médiane	mittlerer Bereich	zona media		2
		distal area	zone distale	distaler Bereich	zona distal		3
		basal and middle area	zone basale et médiane	basaler und mittlerer Bereich	zonas basal y media		4
		distal and middle area	zone distale et médiane	distaler und mittlerer Bereich	zonas distal y media		5
		whole area	zone entière	gesamter Bereich	en toda la superficie		6
58.	VG	Lateral sepal: color of bands	Sépale latéral : couleur des bandes	Seitliches Kelchblatt: Farbe der Bänder	Sépalo lateral: color de las bandas		
(+)							
PQ	(c)	RHS Colour Chart (indicate reference number)	Code RHS des couleurs (indiquer le numéro de référence)	RHS-Farbkarte (Nummer angeben)	Carta de colores RHS (indicar el número de referencia)		

		English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
59.	VG	Lateral sepal: color of stripes (if present)	Sépale latéral : couleur des stries (si présentes)	Seitliches Kelchblatt: Farbe der Streifen (falls vorhanden)	Sépalo lateral: color de las franjas (de haberlas)		
(+)							
PQ	(c)	RHS Colour Chart (indicate reference number)	Code RHS des couleurs (indiquer le numéro de référence)	RHS-Farbkarte (Nummer angeben)	Carta de colores RHS (indicar el número de referencia)		
60.	VG	Lateral sepal: width of marginal color	Sépale latéral : largeur de la couleur marginale	Seitliches Kelchblatt: Breite der Farbe des Randes	Sépalo lateral: anchura del color del borde		
QN	(c)	absent or very narrow	absente ou très étroite	fehlend oder sehr schmal	ausente o muy estrecha		1
		narrow	étroite	schmal	estrecha		2
		medium	moyenne	mittel	media		3
		broad	large	breit	ancha		4
61.	VG	Lateral sepal: color of margin	Sépale latéral : couleur du bord	Seitliches Kelchblatt: Farbe des Randes	Sépalo lateral: color del borde		
(+)							
PQ	(c)	RHS Colour Chart (indicate reference number)	Code RHS des couleurs (indiquer le numéro de référence)	RHS-Farbkarte (Nummer angeben)	Carta de colores RHS (indicar el número de referencia)		
62.	VG	Lateral sepal: size of macule (if present)	Sépale latéral : taille de la macule (si présente)	Seitliches Kelchblatt: Größe des Flecks (falls vorhanden)	Sépalo lateral: tamaño de la mácula (de haberla)		
QN	(c)	very small	très petite	sehr klein	muy pequeño		1
		small	petite	klein	pequeño		2
		medium	moyenne	mittel	medio		3
		large	grande	groß	grande		4
63.	VG	Lateral sepal: color of macule	Sépale latéral : couleur de la macule	Seitliches Kelchblatt: Farbe des Flecks	Sépalo lateral: color de la mácula		
(+)							
PQ	(c)	RHS Colour Chart (indicate reference number)	Code RHS des couleurs (indiquer le numéro de référence)	RHS-Farbkarte (Nummer angeben)	Carta de colores RHS (indicar el número de referencia)		

	English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
64. VG/ MS (*)	Petal: length	Pétale : longueur	Blütenblatt: Länge	Pétalo: longitud		
QN (c)	very short	très court	sehr kurz	muy corto	Haruka	1
	short	court	kurz	corto	Amby	2
	medium	moyen	mittel	medio	Pink Puli	3
	long	long	lang	largo	Augures Royal Sash	4
	very long	très long	sehr lang	muy largo		5
65. VG/ MS (*)	Petal: width	Pétale : largeur	Blütenblatt: Breite	Pétalo: anchura		
QN (c)	very narrow	très étroit	sehr schmal	muy estrecho	Haruka	1
	narrow	étroit	schmal	estrecho		2
	medium	moyen	mittel	medio	Mayfair Trinity	3
	broad	large	breit	ancho		4
	very broad	très large	sehr breit	muy ancho	Augures Royal Sash	5
66. VG MS (+) (*)	Petal: shape	Pétale : forme	Blütenblatt: Form	Pétalo: forma		
PQ (c)	ovate	ovale	eiförmig	oval		1
	elliptic	elliptique	elliptisch	elíptica		2
	linear	linéaire	linear	lineal	Sunlight Siesta Ota	3
	broad obovate	obovale large	breit verkehrt eiförmig	oboval ancha	Yasukasupa Komachi	4
	oblanceolate	oblancéolé	verkehrt lanzettlich	oblanceolada	Dancing Sunlight Ami	5

		English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
67.	VG	Petal: curvature of longitudinal axis	Pétale : courbure de l'axe longitudinal	Blütenblatt: Biegung der Längsachse	Pétalo: curvatura del eje longitudinal		
(*)							
(+)							
QN	(c)	strongly incurving	fortement incurvé	stark aufgebogen	fuertemente curvado hacia adentro		1
		moderately incurving	modérément incurvé	mäßig aufgebogen	moderadamente curvado hacia adentro	Kukoo YMC-2, Yellow Days	3
		straight	droit	gerade	recto	Kaorinoizumi	5
		moderately recurving	modérément retombant	mäßig zurückgebogen	moderadamente curvado hacia afuera	Dancing Sunlight Ami	7
		strongly recurving	fortement retombant	stark zurückgebogen	fuertemente curvado hacia afuera		9
68.	VG	Petal: cross section	Pétale : section transversale	Blütenblatt: Querschnitt	Pétalo: sección transversal		
(+)							
QN	(c)	strongly concave	fortement concave	stark konkav	fuertemente cóncavo		1
		moderately concave	moyennement concave	mäßig konkav	moderadamente cóncavo		3
		flat	plate	flach	plano	Kukoo YMC-2, Yellow Days	5
		moderately convex	moyennement convexe	mäßig konvex	moderadamente convexo	Monshirochono Cafe, Shell White	7
		strongly convex	fortement convexe	stark konvex	fuertemente convexo		9
69.	VG	Petal: twisting	Pétale : torsion	Blütenblatt: Verdrehung	Pétalo: torsión		
QN	(c)	absent or weak	absente ou faible	fehlend oder gering	ausente o débil	Dancing Sunlight Ami	1
		moderate	modérée	mittel	moderada		2
		strong	forte	stark	fuerte	Shimizuparasol Papurikon	3

		English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
70.	VG	Petal: undulation of margin	Pétale : ondulation du bord	Blütenblatt: Wellung des Randes	Pétalo: ondulación del borde		
	(+)						
QN	(c)	absent or weak	absente ou faible	fehlend oder gering	ausente o débil	Haruka, Sunlight Siesta Lulu	1
		medium	moyenne	mittel	media	Yellow Days	2
		strong	forte	stark	fuerte		3
71.	VG	Petal: ground color	Pétale : couleur de fond	Blütenblatt: Grundfarbe	Pétalo: color de fondo		
	(*)						
PQ	(c)	RHS Colour Chart (indicate reference number)	Code RHS des couleurs (indiquer le numéro de référence)	RHS-Farbkarte (Nummer angeben)	Carta de colores RHS (indicar el número de referencia)		
72.	VG	Petal: diffused over color (if present)	Pétale : répartition de la couleur du lavis (si présent)	Blütenblatt: diffuse Deckfarbe (falls vorhanden)	Pétalo: color difuso por encima (de haberlo)		
	(*)						
	(+)						
PQ	(c)	RHS Colour Chart (indicate reference number)	Code RHS des couleurs (indiquer le numéro de référence)	RHS-Farbkarte (Nummer angeben)	Carta de colores RHS (indicar el número de referencia)		
73.	VG	Petal: number of spots	Pétale : nombre de taches	Blütenblatt: Anzahl der Flecken	Pétalo: número de lunares		
QN	(c)	absent or very few	absent ou très rares	fehlend oder sehr gering	ausentes o muy bajo	Fight Yuko	1
		few	rares	gering	bajo		2
		medium	moyen	mittel	medio	Makali Gotoh	3
		many	nombreuses	groß	alto		4
74.	VG	Petal: size of spots	Pétale : taille des taches	Blütenblatt: Größe der Flecken	Pétalo: tamaño de los lunares		
QN	(c)	very small	très petite	sehr klein	muy pequeño		1
		small	petite	klein	pequeño	Makali Gotoh	2
		medium	moyenne	mittel	medio	Kurisu	3
		large	grande	groß	grande		4

		English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
75.	VG	Petal: color of spots	Pétale : couleur des taches	Blütenblatt: Farbe der Flecken	Pétalo: color de los lunares		
	(*)						
	(+)						
PQ	(c)	RHS Colour Chart (indicate reference number)	Code RHS des couleurs (indiquer le numéro de référence)	RHS-Farbkarte (Nummer angeben)	Carta de colores RHS (indicar el número de referencia)		
76.	VG	Petal: number of bands	Pétale : nombre de bandes	Blütenblatt: Anzahl der Bänder	Pétalo: número de bandas		
QN	(c)	absent or very few	absent ou très rares	fehlend oder sehr gering	ausentes o muy bajo		1
		few	rares	gering	bajo	Monshirochono Cafe	2
		medium	moyen	mittel	medio	Volcano Queen	3
		many	nombreuses	groß	alto		4
77.	VG	Petal: distribution of bands	Pétale : répartition des taches	Blütenblatt: Verteilung der Bänder	Pétalo: distribución de las bandas		
PQ	(c)	basal area	zone basale	basaler Bereich	zona basal		1
		middle area	zone médiane	mittlerer Bereich	zona media		2
		distal area	zone distale	distaler Bereich	zona distal		3
		basal and middle area	zone basale et médiane	basaler und mittlerer Bereich	zonas basal y media		4
		distal and middle area	zone distale et médiane	distaler und mittlerer Bereich	zonas distal y media		5
		whole area	zone entière	gesamter Bereich	en toda la superficie		6
78.	VG	Petal: color of bands	Pétale : couleur des bandes	Blütenblatt: Farbe der Bänder	Pétalo: color de las bandas		
	(*)						
	(+)						
PQ	(c)	RHS Colour Chart (indicate reference number)	Code RHS des couleurs (indiquer le numéro de référence)	RHS-Farbkarte (Nummer angeben)	Carta de colores RHS (indicar el número de referencia)		
79.	VG	Petal: color of stripes (if present)	Pétale : couleur des stries (si présentes)	Blütenblatt: Farbe der Streifen (falls vorhanden)	Pétalo: color de las franjas (de haberlas)		
	(+)						
PQ	(c)	RHS Colour Chart (indicate reference number)	Code RHS des couleurs (indiquer le numéro de référence)	RHS-Farbkarte (Nummer angeben)	Carta de colores RHS (indicar el número de referencia)		

		English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
80.	VG	Petal: width of marginal color	Pétale : largeur de la couleur marginale	Blütenblatt: Breite der Farbe des Randes	Pétalo: anchura del color del borde		
QN	(c)	absent or very narrow	absente ou très étroite	fehlend oder sehr schmal	ausente o muy estrecha		1
		narrow	étroite	schmal	estrecha		2
		medium	moyenne	mittel	media		3
		broad	large	breit	ancha		4
81.	VG	Petal: color of margin	Pétale : couleur du bord	Blütenblatt: Farbe des Randes	Pétalo: color del borde		
(*)							
(+)							
PQ	(c)	RHS Colour Chart (indicate reference number)	Code RHS des couleurs (indiquer le numéro de référence)	RHS-Farbkarte (Nummer angeben)	Carta de colores RHS (indicar el número de referencia)		
82.	VG	Petal: size of macule (if present)	Pétale : taille de la macule (si présente)	Blütenblatt: Größe des Flecks (falls vorhanden)	Pétalo: tamaño de la mácula (de haberla)		
QN	(c)	very small	très petite	sehr klein	muy pequeño		1
		small	petite	klein	pequeño		2
		medium	moyenne	mittel	medio		3
		large	large	groß	grande		4
83.	VG	Petal: color of macule	Pétale : couleur de la macule	Blütenblatt: Farbe des Flecks	Pétalo: color de la mácula		
(*)							
(+)							
PQ	(c)	RHS Colour Chart (indicate reference number)	Code RHS des couleurs (indiquer le numéro de référence)	RHS-Farbkarte (Nummer angeben)	Carta de colores RHS (indicar el número de referencia)		

	English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
84. VG/ MS (*) (+)	Lip: length	Labelle : longueur	Lippe: Länge	Labio: longitud		
QN (c)	very short	très court	sehr kurz	muy corto	Haruka	1
	short	court	kurz	largo	Mayfair Trinity	2
	medium	moyen	mittel	medio	Yasukasupa Akane	3
	long	long	lang	corto		4
	very long	très long	sehr lang	muy largo		5
85. VG/ MS (*) (+)	Lip: width	Labelle : largeur	Lippe: Breite	Labio: anchura		
QN (c)	very narrow	très étroit	sehr schmal	muy estrecho	Haruka	1
	narrow	étroit	schmal	estrecho	Monshirochono Cafe	2
	medium	moyen	mittel	medio	Mayfair Trinity	3
	broad	large	breit	ancho		4
	very broad	très large	sehr breit	muy ancho		5
86. VG (*) (+)	Lip: size of lateral lobe in relation to apical lobe	Labelle : taille du lobe latéral par rapport au lobe apical	Lippe: Größe des Seitenlappens im Verhältnis zum apikalen Lappen	Labio: tamaño del lóbulo lateral en relación con el lóbulo apical		
QN (c)	smaller	plus petite	kleiner	más pequeño	Misakiwaveyurara, Shimizuparasol Papurikon	1
	same size	même taille	gleiche Größe	mismo tamaño	Dancing Sunlight Ami	2
	larger	plus grande	größer	más grande	Haruka, Only One	3
87. VG (*) (+)	Lip: undulation of margin	Labelle : ondulation du bord	Lippe: Wellung des Randes	Labio: ondulación del borde		
QN (c)	absent or weak	absente ou faible	fehlend oder gering	ausente o débil	Dancing Sunlight Ami	1
	medium	moyenne	mittel	media		2
	strong	forte	stark	fuerte		3

		English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
88. (*) (+)	VG	Apical lobe of lip: shape	Lobe apical du labelle : forme	Apikaler Lappen der Lippe: Form	Lóbulo apical del labio: forma		
PQ	(c)	rhombic	losangique	rautenförmig	rómbica	Only You	1
		circular	circulaire	kreisförmig	circular		2
		oblate	aplati	breitrund	achata		3
		flabellate	flabelliforme	fächerförmig	flabeliforme	Monshirochono Cafe, Pink Sugar	4
		obdeltate	obdeltoïde	verkehrt deltaförmig	obdeltada		5
89. (*) (+)	VG	Apical lobe of lip: indentation of apex	Lobe apical du labelle : découpure du sommet	Apikaler Lappen der Lippe: Einschnitt der Spitze	Lóbulo apical del labio: indentación del ápice		
QN	(c)	absent or very weak	absente ou très faible	fehlend oder sehr gering	ausente o muy débil	Yasukasupa Akane	1
		weak	faible	gering	débil	Dancing Sunlight Ami	2
		medium	moyenne	mittel	media	Pink Sugar, Shimizuparasol Papurikon	3
		strong	forte	stark	fuerte	Haruka, Yellow Days	4
90. (*) (+)	VG	Apical lobe of lip: curvature of longitudinal axis	Lobe apical du labelle : courbure de l'axe longitudinal	Apikaler Lappen der Lippe: Biegung der Längsachse	Lóbulo apical del labio: curvatura del eje longitudinal		
QN	(c)	incurving	incurvé	aufgebogen	curvado hacia adentro	Mayfair Yellow Angel, Yellow Days	1
		straight	droit	gerade	recto	Pink Sugar, Shimizuparasol Papurikon	2
		recurving	retombant	zurückgebogen	curvado hacia afuera	Only You	3

		English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
91.	VG	Apical lobe of lip: cross section	Lobe apical du labelle : section transversale	Apikaler Lappen der Lippe: Querschnitt	Lóbulo apical del labio: sección transversal		
(+)							
QN	(c)	concave	concave	konkav	cóncavo	Kaorinoizumi	1
		flat	plat	flach	plano		2
		convex	convexe	konvex	convexo	Only You	3
92.	VG	Apical lobe of lip: ground color	Lobe apical du labelle : couleur de fond	Apikaler Lappen der Lippe: Grundfarbe	Lóbulo apical del labio: color de fondo		
(*)							
(+)							
PQ	(c)	RHS Colour Chart (indicate reference number)	Code RHS des couleurs (indiquer le numéro de référence)	RHS-Farbkarte (Nummer angeben)	Carta de colores RHS (indicar el número de referencia)		
93.	VG	Apical lobe of lip: diffused over color (if present)	Lobe apical du labelle : répartition de la couleur du lavis (si présent)	Apikaler Lappen der Lippe: diffuse Deckfarbe (falls vorhanden)	Lóbulo apical del labio: color difuso por encima (de haberlo)		
(+)							
PQ	(c)	RHS Colour Chart (indicate reference number)	Code RHS des couleurs (indiquer le numéro de référence)	RHS-Farbkarte (Nummer angeben)	Carta de colores RHS (indicar el número de referencia)		
94.	VG	Apical lobe of lip: color of spots (if present)	Lobe apical du labelle : couleur des taches (si présentes)	Apikaler Lappen der Lippe: Farbe der Flecken (falls vorhanden)	Lóbulo apical del labio: color de los lunares (de haberlos)		
(+)							
PQ	(c)	RHS Colour Chart (indicate reference number)	Code RHS des couleurs (indiquer le numéro de référence)	RHS-Farbkarte (Nummer angeben)	Carta de colores RHS (indicar el número de referencia)		
95.	VG	Apical lobe of lip: color of bands (if present)	Lobe apical du labelle : couleur des bandes (si présentes)	Apikaler Lappen der Lippe: Farbe der Bänder (falls vorhanden)	Lóbulo apical del labio: color de las bandas (de haberlas)		
(+)							
PQ	(c)	RHS Colour Chart (indicate reference number)	Code RHS des couleurs (indiquer le numéro de référence)	RHS-Farbkarte (Nummer angeben)	Carta de colores RHS (indicar el número de referencia)		
96.	VG	Apical lobe of lip: color of margin (if present)	Lobe apical du labelle : couleur du bord (si présent)	Apikaler Lappen der Lippe: Farbe des Randes (falls vorhanden)	Lóbulo apical del labio: color del borde (de haberlo)		
(+)							
PQ	(c)	RHS Colour Chart (indicate reference number)	Code RHS des couleurs (indiquer le numéro de référence)	RHS-Farbkarte (Nummer angeben)	Carta de colores RHS (indicar el número de referencia)		

	English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
97. VG (+)	Lateral lobe of lip: ground color	Lobe latéral du labelle : couleur de fond	Seitenlappen der Lippe: Grundfarbe	Lóbulo lateral del labio: color de fondo		
PQ (c)	RHS Colour Chart (indicate reference number)	Code RHS des couleurs (indiquer le numéro de référence)	RHS-Farbkarte (Nummer angeben)	Carta de colores RHS (indicar el número de referencia)		
98. VG	Lip: color of callus	Labelle : couleur du callus	Lippe: Farbe der Schwiele	Labio: color del callo		
PQ (c)	white	blanc	weiß	blanco	Fight Yuko	1
	yellow	jaune	gelb	amarillo	Twinkle Fragrance Fantasy	2
	orange	orange	orange	anaranjado	Yasukasupa Akane	3
	red	rouge	rot	rojo		5
	red purple	rouge pourpre	rotpurpurn	púrpura rojizo		4
	yellow brown	brun jaune	gelbbraun	marrón amarillento	Shimizuparasol Papurikon	6
	brown	brun	braun	marrón		7
99. VG	Lip: color of blotches surrounding callus	Labelle : couleur des taches entourant le callus	Lippe: Farbe der die Schwiele umgebenden Flecken	Labio: color de las manchas que rodean al callo		
PQ (c)	white	blanc	weiß	blanco	Twinkle Fragrance Fantasy	1
	yellow	jaune	gelb	amarillo	Yellow Days	2
	orange	orange	orange	anaranjado		3
	red	rouge	rot	rojo	Yasukasupa Akane	5
	red purple	rouge pourpre	rotpurpurn	púrpura rojizo		4
	yellow brown	brun jaune	gelbbraun	marrón amarillento		6
	brown	brun	braun	marrón	Monshirochono Cafe	7

8. Explanations on the Table of Characteristics

8.1 *Explanations covering several characteristics*

Unless otherwise noted, all characteristics should be observed when 80% of flowers have opened on the first inflorescence.

Characteristics containing the following key in the second column of the Table of Characteristics should be examined as indicated below:

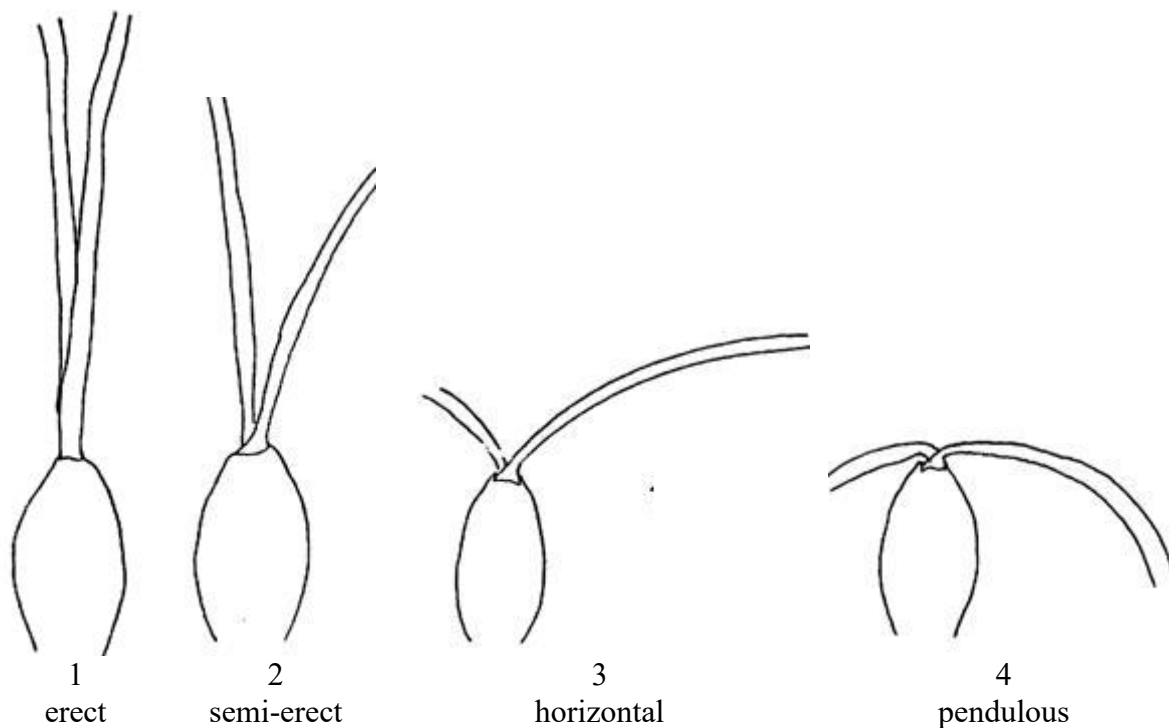
- (a) Observations on pseudobulb should be made on the flowering pseudobulb.
- (b) Observations on leaf should be made on the longest leaf of a flowering pseudobulb.
- (c) Observations on the sepal, petal and lip should be made on the front of flower.
- (d) Observations on the inflorescence should be made on the longest inflorescence.

8.2 *Explanations for individual characteristics*

Ad. 1: Plant: size

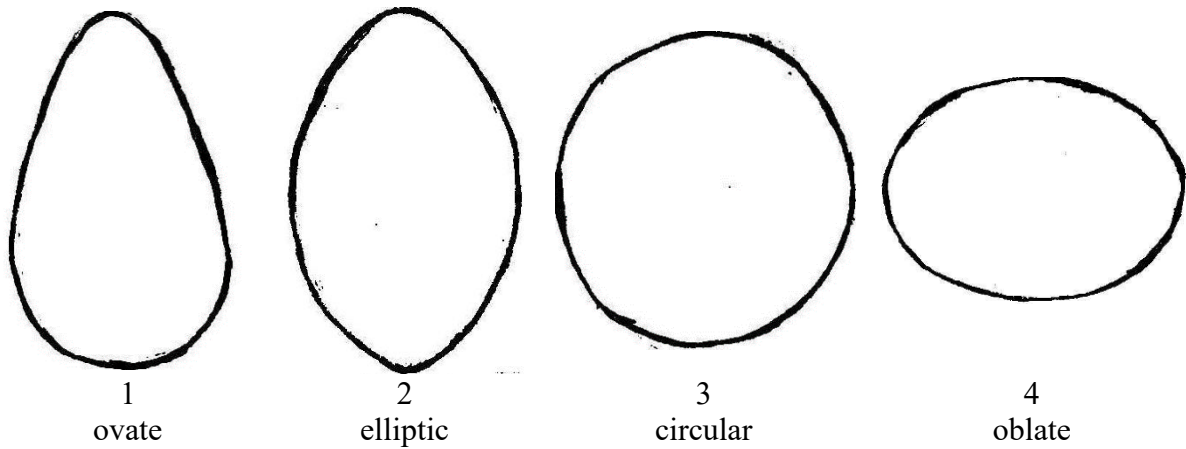
The size of plant is evaluated by observation of whole plant size including pseudobulb and leaf.

Ad. 2: Plant: attitude of leaves

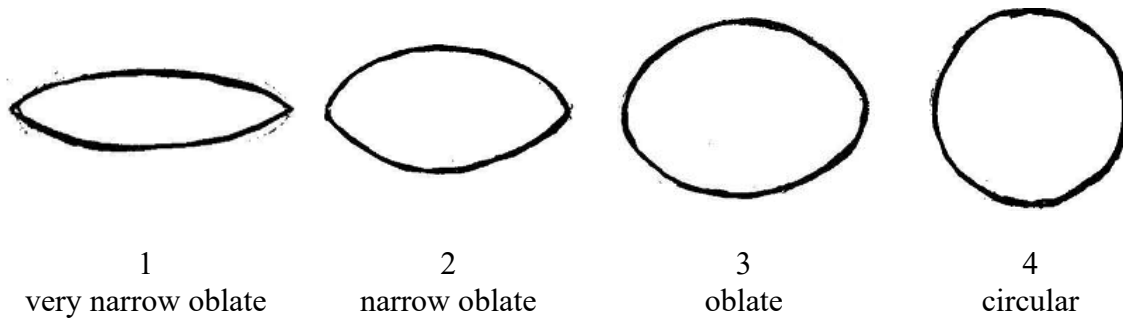


Ad. 4: Pseudobulb: shape in longitudinal section

The shape in longitudinal section should be observed shape in longitudinal section of the most broad part of pseudobulb.

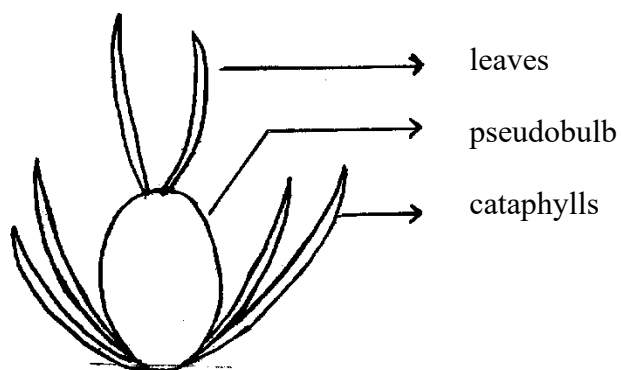


Ad. 5: Pseudobulb: shape in cross section



Ad. 6: Pseudobulb: number of cataphylls

Ad. 7: Pseudobulb: number of leaves



Ad. 10: Leaf: shape



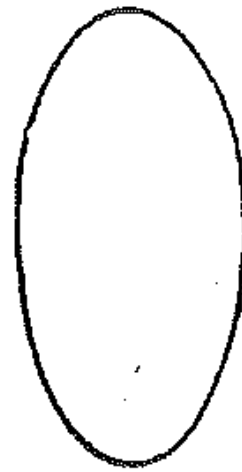
1
narrow
lanceolate



2
linear



3
narrow elliptic



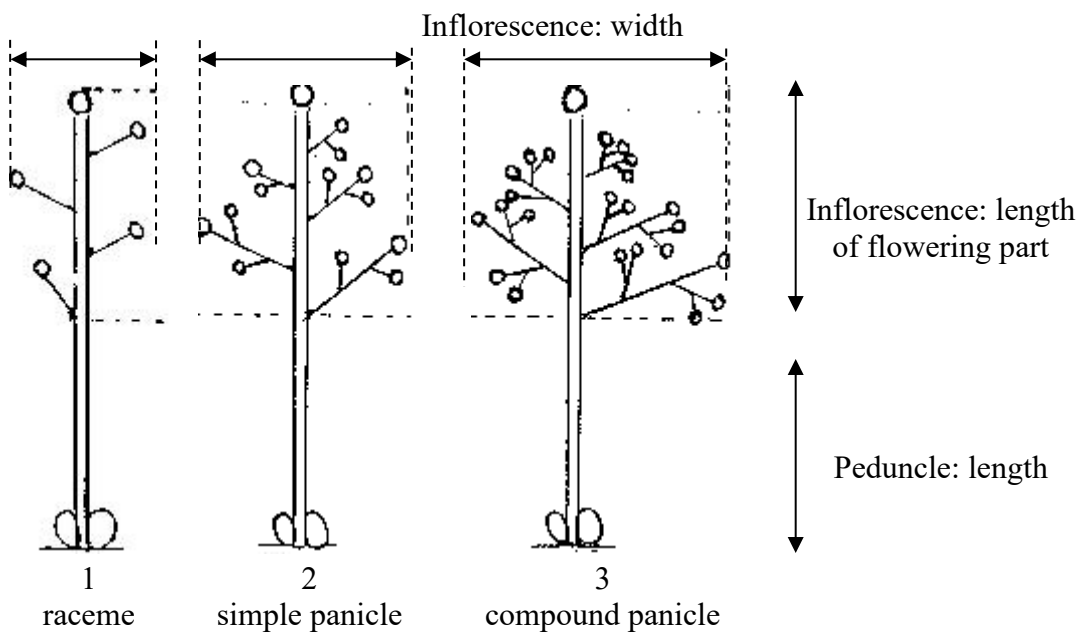
4
medium elliptic

Ad. 13: Inflorescence: type

Ad. 14: Inflorescence: length of flowering part

Ad. 15: Inflorescence: width

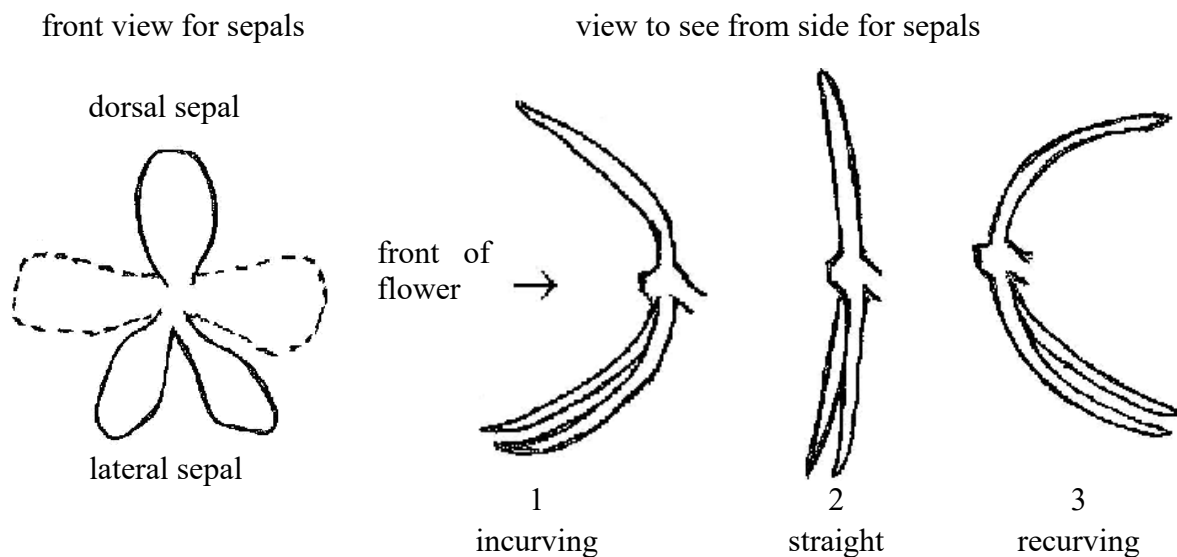
Ad. 17: Peduncle: length



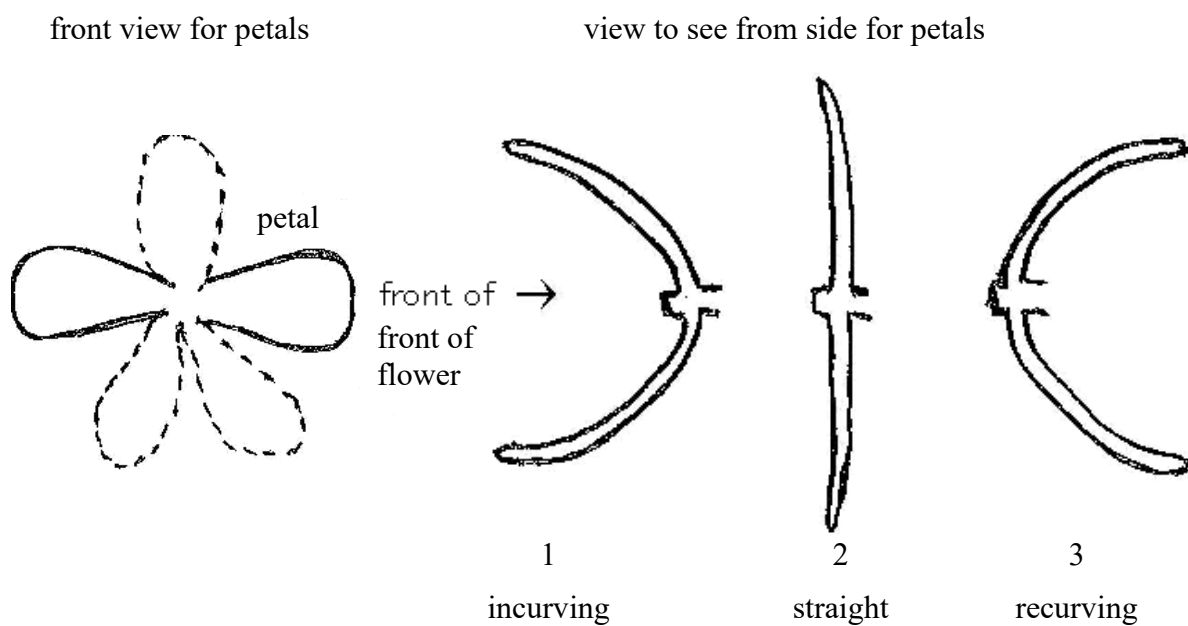
Ad.19: Peduncle: anthocyanin coloration

Anthocyanin coloration should be observed on the area of strongest coloration along whole length of peduncle.

Ad. 20: Flower: curvature of sepals

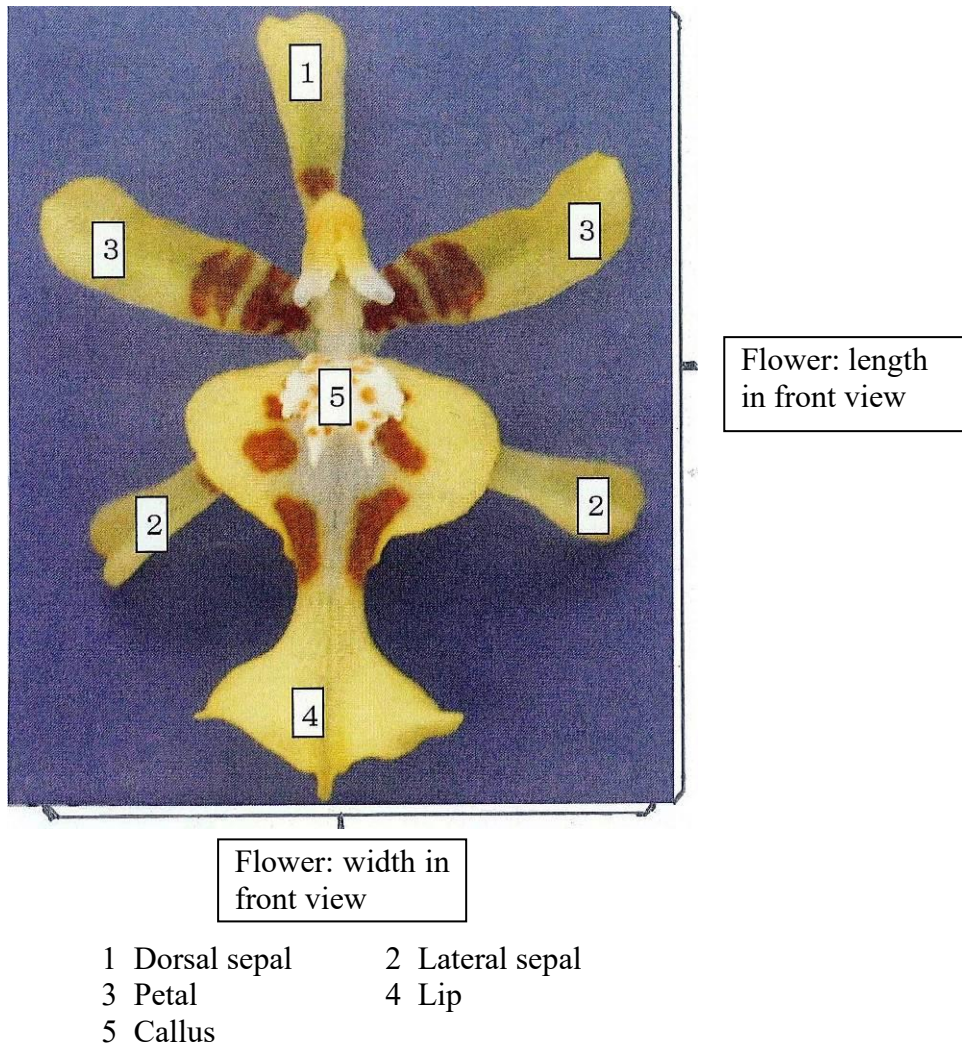


Ad. 21: Flower: curvature of petals

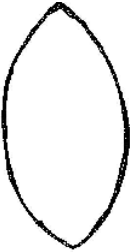


Ad. 22: Flower: length in front view

Ad. 23: Flower: width in front view



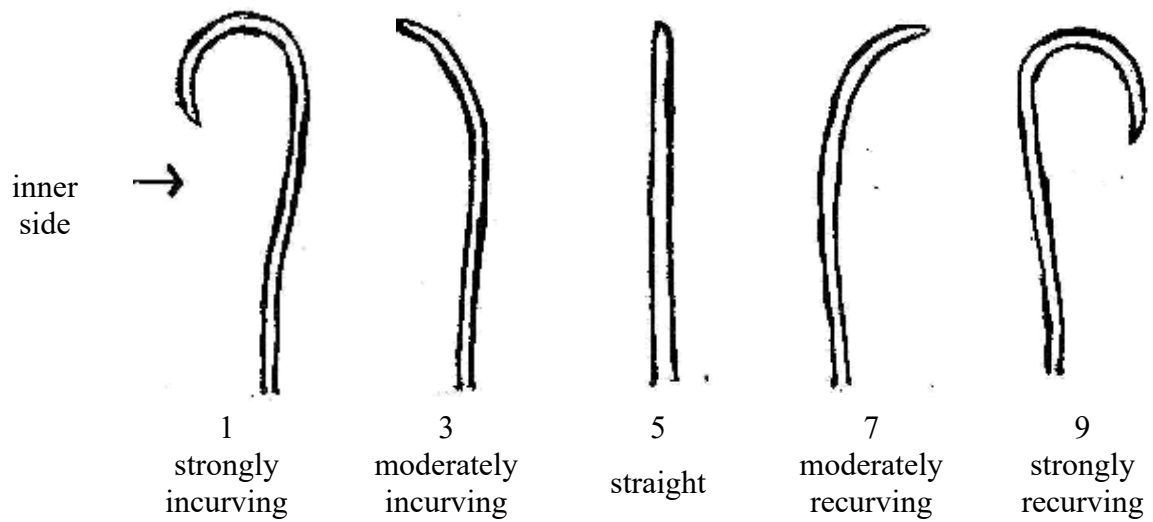
Ad. 27: Dorsal sepal: shape

		← broadest part →		
		(below middle)	at middle	(above middle)
↑ narrow (elongated)		 2 lanceolate	 5 linear	
	→ width (ratio length/width)	 1 ovate	 4 narrow elliptic	
	← broad (compressed)		 3 elliptic	 6 obovate

Ad. 28: Dorsal sepal: curvature of longitudinal axis

Ad. 47: Lateral sepal: curvature of longitudinal axis

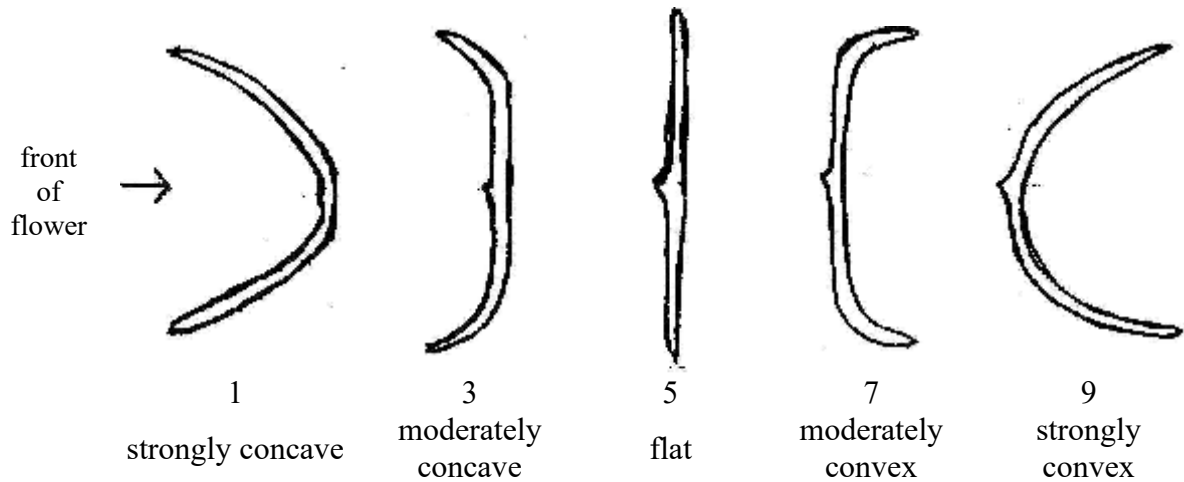
Ad. 67: Petal: curvature of longitudinal axis



Ad. 29: Dorsal sepal: cross section

Ad. 48: Lateral sepal: cross section

Ad. 68: Petal: cross section

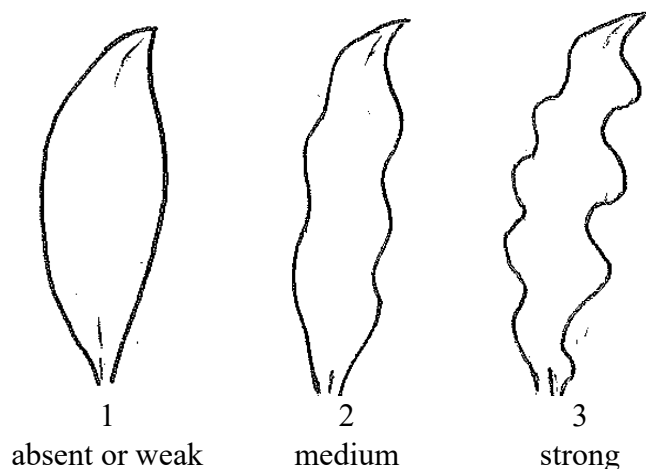


Ad. 30: Dorsal sepal: undulation of margin

Ad. 50: Lateral sepal: undulation of margin

Ad. 70: Petal: undulation of margin

Ad. 87: Lip: undulation of margin



Ad. 31: Dorsal sepal: ground color

Ad. 51: Lateral sepal: ground color

Ad. 71: Petal: ground color

Ad. 92: Apical lobe of lip: ground color

Ad. 97: Lateral lobe of lip: ground color

Ground color: The first color to appear chronologically during the development of the plant part. Other colors may develop in time in the form of spots, blotches, or a color flush or blush. The ground color is not always the color occupying the largest surface area of the plant part concerned. The ground color can be the main color of the lower side of an organ.

Ad. 32: Dorsal sepal: diffused over color (if present)

Ad. 35: Dorsal sepal: color of spots

Ad. 38: Dorsal sepal: color of bands

Ad. 39: Dorsal sepal: color of stripes (if present)

Ad. 41: Dorsal sepal: color of margin

Ad. 43: Dorsal sepal: color of macule

Ad. 52: Lateral sepal: diffused over color (if present)

Ad. 55: Lateral sepal: color of spots

Ad. 58: Lateral sepal: color of bands

Ad. 59: Lateral sepal: color of stripes (if present)

Ad. 61: Lateral sepal: color of margin

Ad. 63: Lateral sepal: color of macule

Ad. 72: Petal: diffused over color (if present)

Ad. 75: Petal: color of spots

Ad. 78: Petal: color of bands

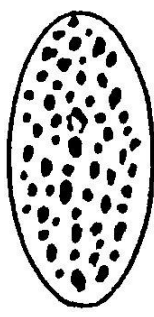
Ad. 79: Petal: color of stripes (if present)

Ad. 81: Petal: color of margin

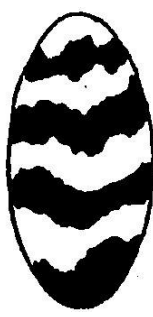
Ad. 83: Petal: color of macule



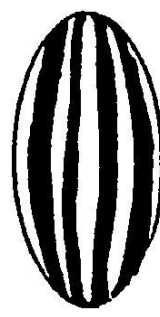
diffused
over color



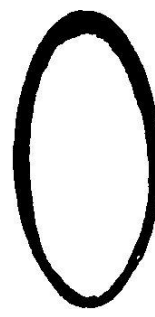
color of
spots



color of bands



color of
stripes



color of
margin



color of
macule

Ad. 32: Dorsal sepal: diffused over color (if present)

Ad. 52: Lateral sepal: diffused over color (if present)

Ad. 72: Petal: diffused over color (if present)

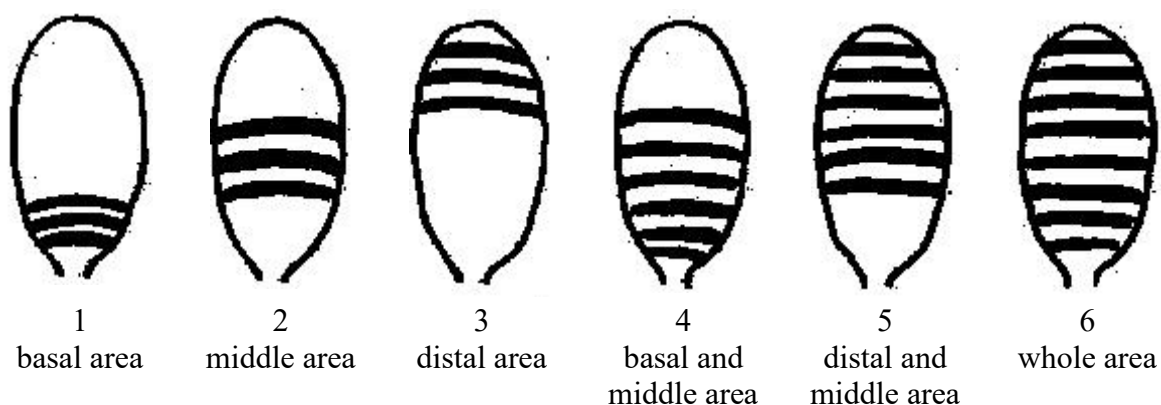
Ad. 93: Apical lobe of lip: diffused over color (if present)

Over color: In the case of a plant part which has a ground color upon which a second color such as a flush develops over time, the flush is considered the over color. The over color is not always the color occupying the smallest surface area of the plant part concerned.

Ad. 37: Dorsal sepal: distribution of bands

Ad. 57: Lateral sepal: distribution of bands

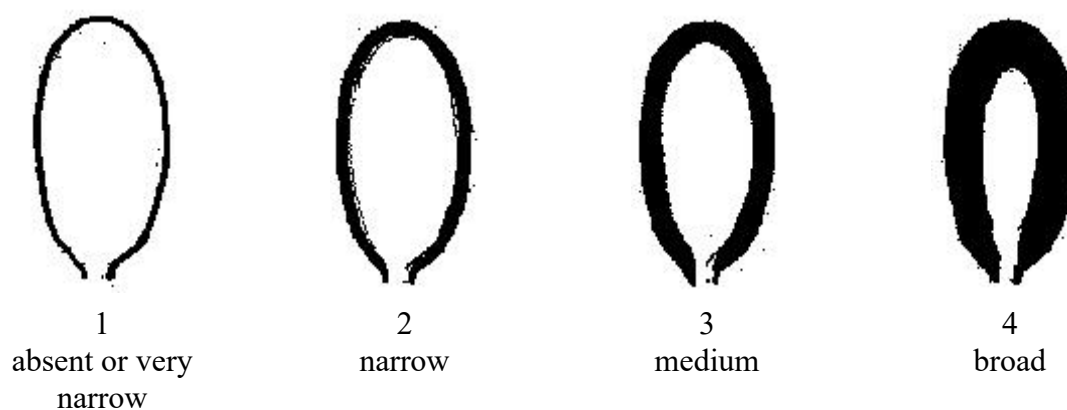
Ad. 77: Petal: distribution of bands



Ad. 40: Dorsal sepal: width of marginal color

Ad. 60: Lateral sepal: width of marginal color

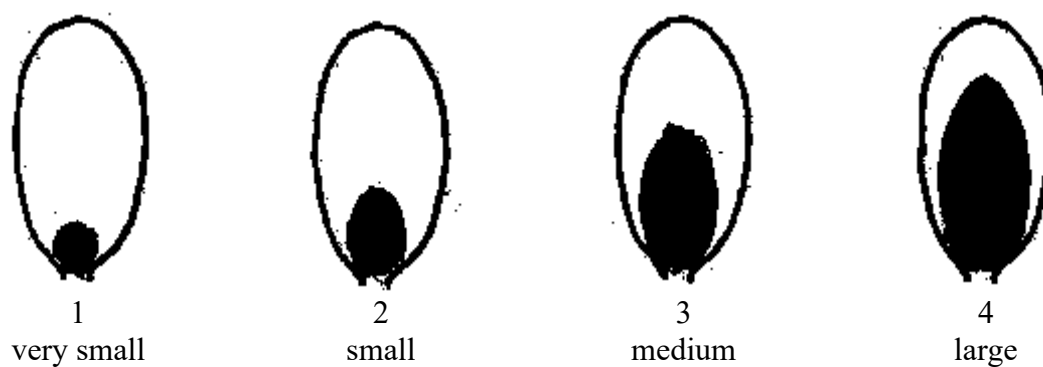
Ad. 80: Petal: width of marginal color



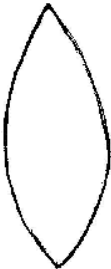
Ad. 42: Dorsal sepal: size of macule (if present)

Ad. 62: Lateral sepal: size of macule (if present)

Ad. 82: Petal: size of macule (if present)

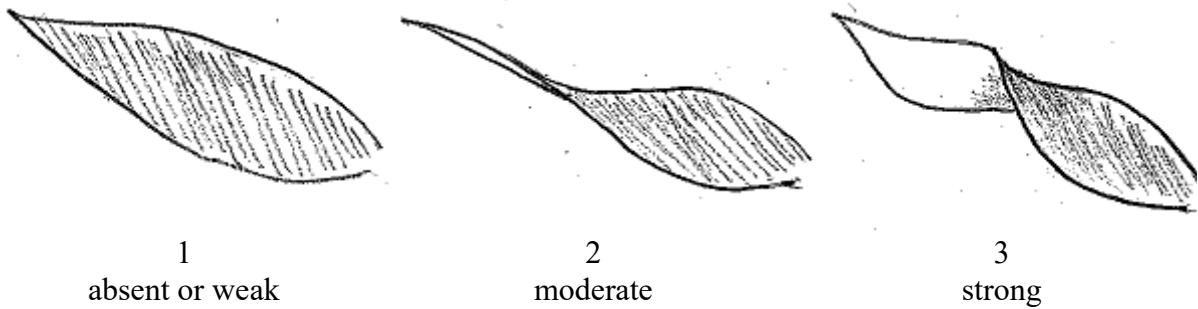


Ad. 46: Lateral sepal: shape

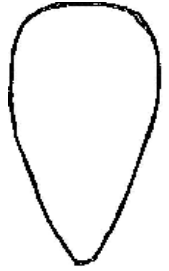
		← broadest part →		
		(below middle)	at middle	(above middle)
↑ narrow (elongated) width (ratio length/width) ← broad (compressed)	 2 lanceolate			
	 1 ovate	 3 elliptic	 5 medium obovate	 6 curving obovate
			 4 broad obovate	

Ad. 49: Lateral sepal: twisting

Ad. 69: Petal: twisting

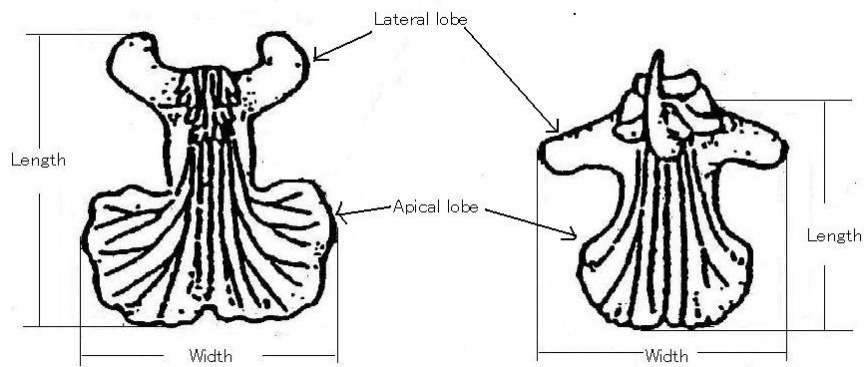


Ad. 66: Petal: shape

			←	broadest part	→
			(below middle)	at middle	(above middle)
width (ratio length/width) ↑ broad (compressed) ←	narrow (elongated)			 3 linear	
		 1 ovate		 2 elliptic	 5 oblanceolate
					 4 broad obovate

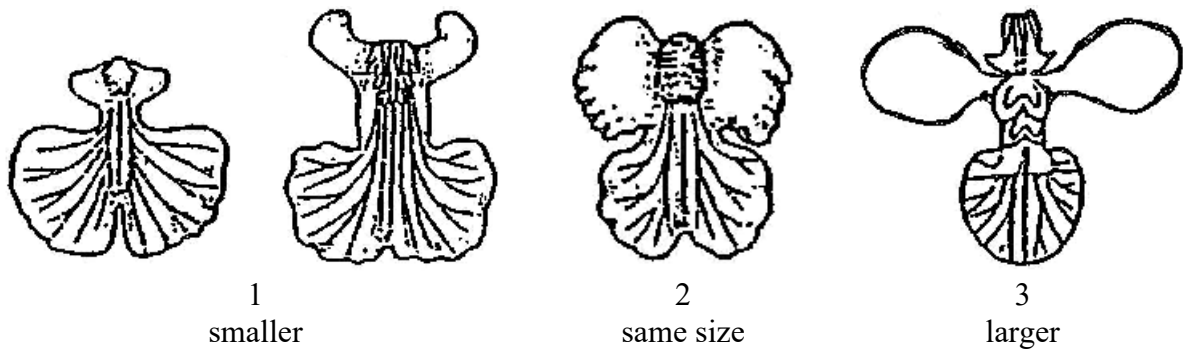
Ad. 84: Lip: length

Ad. 85: Lip: width

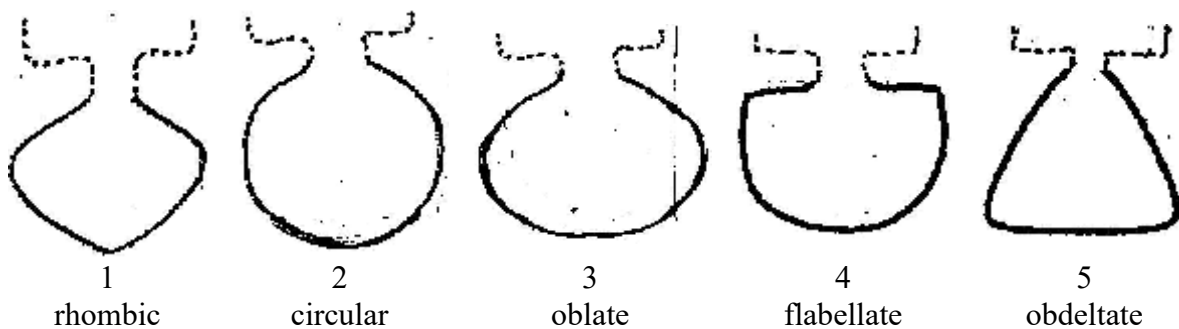


Ad. 86: Lip: size of lateral lobe in relation to apical lobe

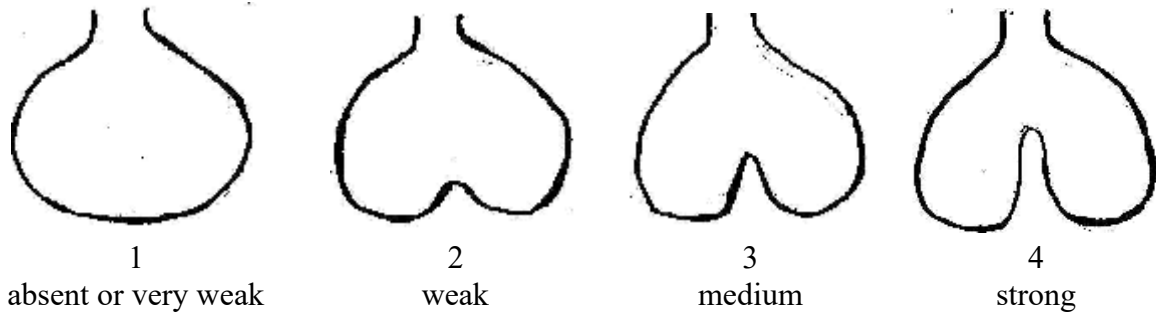
The size of both lateral lobes compared to the size of the single apical lobe.



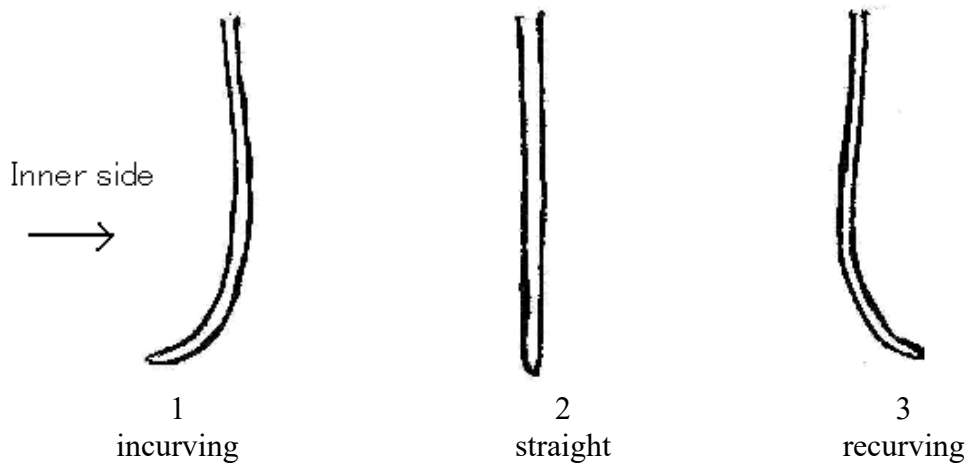
Ad. 88: Apical lobe of lip: shape



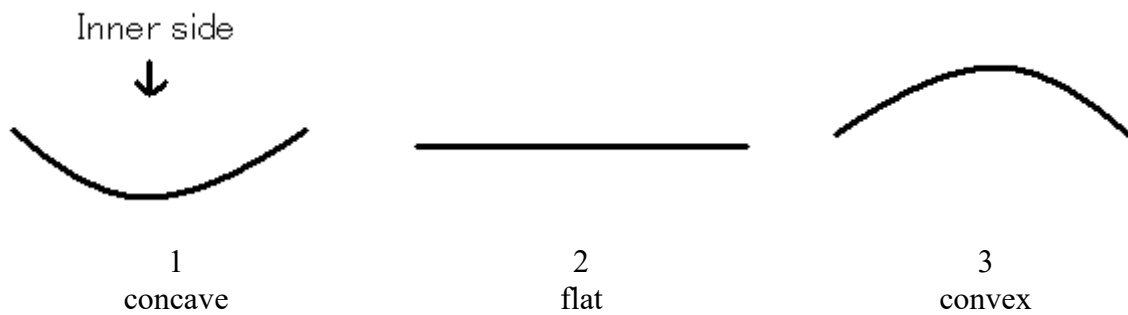
Ad. 89: Apical lobe of lip: indentation of apex



Ad. 90: Apical lobe of lip: curvature of longitudinal axis



Ad. 91: Apical lobe of lip: cross section



Ad. 93: Apical lobe of lip: diffused over color (if present)

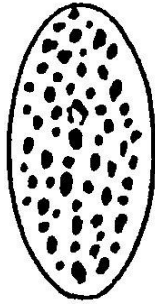
Ad. 94: Apical lobe of lip: color of spots (if present)

Ad. 95: Apical lobe of lip: color of bands (if present)

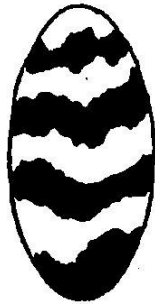
Ad. 96: Apical lobe of lip: color of margin (if present)



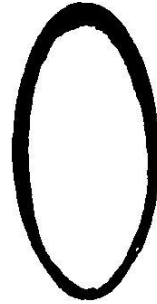
diffused over
color



color of spots



color of bands



color of
margin

9. Literature

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Karasawa, K., 1989: Orchid Atlas Volume7. Orchid Atlas Publishing Society. Tokyo, JP, pp. 40 to 110.

Karasawa, K., 1996: Color Dictionary of Orchid. The Yamatokeikoku Ltd. Tokyo, JP, pp. 407 to 432.

Karasawa, K., 2003: Species Orchidacearum- 1 Text. Japan Broadcasting Publishing Co. Ltd. Tokyo, JP, pp.296 to 308.

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Oda, Z., 1984: Orchid-Varieties, Breeding, Cultivation and Propagation. The Hokuryu Ltd. Tokyo, JP, pp.315 to 319.

Yoneda, K., 2003: The Grand Dictionary of Flower Horticulture Volume15 Orchid. The Rural Culture Association. Tokyo, JP, pp.371 to 391.

10. Technical Questionnaire

[illegible]

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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2. Applicant

Name	
Address	
Telephone No.	
Fax No.	
E-mail address	
Breeder (if different from applicant)	

3. Proposed denomination and breeder's reference

Proposed denomination (if available)	
Breeder's reference	

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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#4. Information on the breeding scheme and propagation of the variety

4.1 Breeding scheme

4.1.1 Crossing

(a) controlled cross []
(please state parent varieties)

(.....) x (.....)
female parent male parent

(b) partially known cross []
(please state known parent variety(ies))

(.....) x (.....)
female parent male parent

(c) unknown cross []

4.1.2 Mutation []
(please state parent variety)

4.1.3 Discovery and development []
(please state where and when discovered and how developed)

4.1.4 Other []
(please provide details)

Authorities may allow certain of this information to be provided in a confidential section of the Technical Questionnaire.

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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4.2 Method of propagating the variety

4.2.1 Vegetative propagation

(a) cuttings	[]
(b) <i>in vitro</i> propagation	[]
(c) other (state method)	[]

4.2.2 Seed []

4.2.3 Other []
(please provide details)

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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5. Characteristics of the variety to be indicated (the number in brackets refers to the corresponding characteristic in Test Guidelines; please mark the note which best corresponds).

Characteristics	Example Varieties	Note
5.1 Plant: size		
(1)		
very small		1[]
very small to small		2[]
small	Twinkle Fragrance Fantasy	3[]
small to medium		4[]
medium	Mayfair Yellow Angel	5[]
medium to large		6[]
large	Kurusu	7[]
large to very large		8[]
very large		9[]
5.2 Flower: width in front view		
(23)		
very narrow		1[]
very narrow to narrow		2[]
narrow	Kurusu	3[]
narrow to medium		4[]
medium	Morning Medley Sakurako	5[]
medium to broad		6[]
broad	Mayfair Trinity	7[]
broad to very broad		8[]
very broad		9[]

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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Characteristics	Example Varieties	Note
5.3 Petal: ground color		
(71)		
white		1[]
yellow		2[]
orange		3[]
pink		4[]
red		5[]
violet		6[]
brown		7[]
5.4 Petal: diffused over color (if present)		
(72)		
white		1[]
yellow		2[]
orange		3[]
pink		4[]
red		5[]
violet		6[]
brown		7[]
5.5 Petal: color of spots		
(75)		
white		1[]
yellow		2[]
orange		3[]
pink		4[]
red		5[]
violet		6[]
brown		7[]

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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Characteristics	Example Varieties	Note
5.6 Petal: color of bands		
(78)		
white		1[]
yellow		2[]
orange		3[]
pink		4[]
red		5[]
violet		6[]
brown		7[]
5.7 Petal: color of stripes (if present)		
(79)		
white		1[]
yellow		2[]
orange		3[]
pink		4[]
red		5[]
violet		6[]
brown		7[]
5.8 Petal: color of margin		
(81)		
white		1[]
yellow		2[]
orange		3[]
pink		4[]
red		5[]
violet		6[]
brown		7[]

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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Characteristics	Example Varieties	Note
5.9 Petal: color of macule (83)		
white		1[]
yellow		2[]
orange		3[]
pink		4[]
red		5[]
violet		6[]
brown		7[]
5.10 Apical lobe of lip: ground color (92)		
white		1[]
yellow		2[]
orange		3[]
pink		4[]
red		5[]
violet		6[]
brown		7[]

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:	
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6. Similar varieties and differences from these varieties

Please use the following table and box for comments to provide information on how your candidate variety differs from the variety (or varieties) which, to the best of your knowledge, is (or are) most similar. This information may help the examination authority to conduct its examination of distinctness in a more efficient way.

Denomination(s) of variety(ies) similar to your candidate variety	Characteristic(s) in which your candidate variety differs from the similar variety(ies)	Describe the expression of the characteristic(s) for the similar variety(ies)	Describe the expression of the characteristic(s) for your candidate variety
<i>Example</i>	<i>Petal: ground color</i>	<i>yellow</i>	<i>white</i>

Comments:

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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#7. Additional information which may help in the examination of the variety

7.1 In addition to the information provided in sections 5 and 6, are there any additional characteristics which may help to distinguish the variety?

Yes ☐ No ☐

(If yes, please provide details)

7.2 Are there any special conditions for growing the variety or conducting the examination?

Yes ☐ No ☐

(If yes, please provide details)

7.3 Other information

A representative color image of the variety should accompany the Technical Questionnaire.

8. Authorization for release

(a) Does the variety require prior authorization for release under legislation concerning the protection of the environment, human and animal health?

Yes ☐ No ☐

(b) Has such authorization been obtained?

Yes ☐ No ☐

If the answer to (b) is yes, please attach a copy of the authorization.

Authorities may allow certain of this information to be provided in a confidential section of the Technical Questionnaire.

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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9. Information on plant material to be examined or submitted for examination.

9.1 The expression of a characteristic or several characteristics of a variety may be affected by factors, such as pests and disease, chemical treatment (e.g. growth retardants or pesticides), effects of tissue culture, different rootstocks, scions taken from different growth phases of a tree, etc.

9.2 The plant material should not have undergone any treatment which would affect the expression of the characteristics of the variety, unless the competent authorities allow or request such treatment. If the plant material has undergone such treatment, full details of the treatment must be given. In this respect, please indicate below, to the best of your knowledge, if the plant material to be examined has been subjected to:

(a) Microorganisms (e.g. virus, bacteria, phytoplasma)	Yes [☐]	No [☐]
(b) Chemical treatment (e.g. growth retardant, pesticide)	Yes [☐]	No [☐]
(c) Tissue culture	Yes [☐]	No [☐]
(d) Other factors	Yes [☐]	No [☐]

Please provide details for where you have indicated “yes”.

.....

10. I hereby declare that, to the best of my knowledge, the information provided in this form is correct:

Applicant's name				
Signature			Date	

[End of document]