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| International Union for the Protection of New Varieties of Plants |  |

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| Technical Working Party for Ornamental Plants and Forest Trees  Fifty-First Session Christchurch, New Zealand, February 18 to 22, 2019 | TWO/51/7  Original: English  Date: January 10, 2019 |

Partial revision of the Test Guidelines for Phalaenopsis (DOCUMENT TG/213/2)

Document prepared by an expert from the Netherlands

Disclaimer: this document does not represent UPOV policies or guidance

The purpose of this document is to present a proposal for a partial revision of the Test Guidelines for Phalaenopsis (document TG/213/2).

The Technical Working Party for Ornamental Plants and Forest Trees (TWO), at its fiftieth session, held in Victoria, British Columbia, Canada, from September 11 to 15, 2017, considered a proposal for a partial revision of the Test Guidelines for Phalaenopsis (*Phalaenopsis* Bl.) and agreed that a revised proposal be considered at its fifty-first meeting (see documents TWO/50/7 and TWO/50/14 “Report”, paragraph 119).

The following changes are proposed:

1. Revision of characteristics related to the shape of the lip:
   1. Addition of a new characteristic and explanation “Lip: fusion of lateral lobes to apical lobe” before Characteristic 68 “Lip: length of apical lobe”
   2. Revision of Characteristic and Ad. 70 “Lip: shape of apical lobe”
   3. Addition of a new characteristic and explanation “Lip: type of fused lobes” after Characteristic 70 “Lip: shape of apical lobe”
   4. Deletion of example variety “SOGO F-1016” from Characteristic 76 “Lip: size of lateral lobe relative to apical lobe”

The proposed changes are presented in highlight and underline (insertion) and ~~strikethrough~~ (deletion).

Proposed revision of characteristics related to the shape of the lip

*Current wording*

|  |  |  |  |  |  |  |  |
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|  |  | English | français | deutsch | español | Example Varieties Exemples Beispielssorten Variedades ejemplo | Note/ Nota |
| 68. | VG/ MS | Lip: length of apical lobe | Labelle : longueur du lobe apical | Lippe: Länge des apikalen Lappens | Labio: longitud del lóbulo apical |  |  |
| **QN** | **(c)** | short | court | kurz | corto | Mrs Brown | 3 |
|  |  | medium | moyen | mittel | medio | Puccini, Red Rose | 5 |
|  |  | long | long | lang | largo |  | 7 |
| **69.** | **VG/ MS** | **Lip: width of apical lobe** | **Labelle : largeur du lobe apical** | **Lippe: Breite des apikalen Lappens** | Labio: anchura del lóbulo apical |  |  |
| **QN** | **(c)** | narrow | étroit | schmal | estrecho | Moonwalker | 3 |
|  |  | medium | moyen | mittel | medio | Miss Saigon | 5 |
|  |  | broad | large | breit | ancho | Phalmomen | 7 |
| 70.   (+) | VG | Lip: shape of apical lobe | Labelle : forme du lobe apical | Lippe: Form des apikalen Lappens | Labio: forma del lóbulo apical |  |  |
| **PQ** | **(c)** | triangular | triangulaire | dreieckig | triangular | Paloma | 1 |
|  |  | ovate | ovale | eiförmig | ovado | Puccini | 2 |
|  |  | trullate | trullé | rautenförmig | en forma de llana |  | 3 |
|  |  | elliptic | elliptique | elliptisch | elíptico |  | 4 |
|  |  | rhombic | losangique | rhombisch | rómbico | Green Star | 5 |
|  |  | circular | circulaire | kreisförmig | circular | Phalnasxu | 6 |
|  |  | obtrullate | losangique transverse | verkehrt rautenförmig | en forma de llana invertida | SOGO F-2451, Symphony | 7 |
|  |  | obtriangular | obtriangulaire | verkehrt dreieckig | obtriangular | Hacyon | 8 |

*Current explanation*

Ad. 70: Lip: shape of apical lobe

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | 🡨 broadest part 🡪 | | |
|  |  | (below middle) | at middle | (above middle) |

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| broad (low) 🡨 width (ratio length/width) 🡪 narrow (high) |  |  |  |  |  |  |  |  |
|  | image002  1  triangular | image004  2  ovate | image006  3  trullate | image008  4  elliptic | image014  5  rhombic | image010  7  obtrullate | 8  obtriangular |
|  |  |  |  | image016  6  circular | |  |  |

*Proposed new wording*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | English | français | deutsch | español | Example Varieties Exemples Beispielssorten Variedades ejemplo | Note/ Nota |
| **NEW 1 (\*) (+)** | **VG** | Lip: fusion of lateral lobes to apical lobe |  |  |  |  |  |
| **QN** | **(c)** | free |  |  |  | Phalorek | 1 |
|  |  | slightly fused |  |  |  |  | 2 |
|  |  | moderately fused |  |  |  | FL106P02 | 3 |
|  |  | strongly fused |  |  |  |  | 4 |
|  |  | completely fused |  |  |  | Yu Pin Fire Works | 5 |
| 68. | VG/ MS | Lip: length of apical lobe | Labelle : longueur du lobe apical | Lippe: Länge des apikalen Lappens | Labio: longitud del lóbulo apical |  |  |
| **QN** | **(c)** | short | court | kurz | corto | Mrs Brown | 3 |
|  |  | medium | moyen | mittel | medio | Puccini, Red Rose | 5 |
|  |  | long | long | lang | largo |  | 7 |
| **69.** | **VG/ MS** | **Lip: width of apical lobe** | **Labelle : largeur du lobe apical** | **Lippe: Breite des apikalen Lappens** | Labio: anchura del lóbulo apical |  |  |
| **QN** | **(c)** | narrow | étroit | schmal | estrecho | Moonwalker | 3 |
|  |  | medium | moyen | mittel | medio | Miss Saigon | 5 |
|  |  | broad | large | breit | ancho | Phalmomen | 7 |
| 70.   (+) | VG | Lip: shape of apical lobe | Labelle : forme du lobe apical | Lippe: Form des apikalen Lappens | Labio: forma del lóbulo apical |  |  |
| **PQ** | **(c)** | triangular | triangulaire | dreieckig | triangular | Paloma | 1 |
|  |  | ovate | ovale | eiförmig | ovado | Puccini | 2 |
|  |  | trullate | trullé | rautenförmig | en forma de llana |  | 3 |
|  |  | elliptic | elliptique | elliptisch | elíptico |  | 4 |
|  |  | rhombic | losangique | rhombisch | rómbico | Green Star | 5 |
|  |  | circular | circulaire | kreisförmig | circular | Phalnasxu | 6 |
|  |  | obovate | obovale | verkehrt eiförmig | oboval | Nobby’s Amy | 7 |
|  |  | obtrullate | losangique transverse | verkehrt rautenförmig | en forma de llana invertida | SOGO F-2451, Symphony | ~~7~~ 8 |
|  |  | obtriangular | obtriangulaire | verkehrt dreieckig | obtriangular |  | 9 |
| **NEW 2 (\*) (+)** | **VG** | Lip: type of fused lobes |  |  |  |  |  |
| **QN** | **(c)** | type I |  |  |  | Yu Pin Fire Works | 1 |
|  |  | type 2 |  |  |  | FL106Y01 | 2 |
|  |  | type 3 |  |  |  | Yu Pin Eastern Island | 3 |

*Proposed new explanations*

Ad. NEW 1: Lip: fusion of lateral lobes to apical lobe

1 – free

2 – slightly fused = fused up to quarter of length

3 – moderately fused = fused to half the length

4 – strongly fused = fused to three quarters of length and

5 – completely fused

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| P:\Fotodatabase\ORC - Orchideeën\OPS - Phalaenopsis\OPS0363blm.jpg |  |  |
| 1 | 3 | 5 |
| free | moderately fused | completely fused |

Ad. 70: Lip: shape of apical lobe

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | 🡨 broadest part 🡪 | | |
|  |  | (below middle) | at middle | (above middle) |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| broad (low) 🡨 width (ratio length/width) 🡪 narrow (high) |  |  |  |  |  |  |  |  |  |
|  | image002  1  triangular | image004  2  ovate | image006  3  trullate | image008  4  elliptic | image014  5  rhombic | cid:image001.png@01D2EA67.25249050  7  obovate | image010  ~~7~~ 8  obtrullate | 9  obtriangular |
|  |  |  |  | image016  6  circular | |  |  |  |

Ad. NEW 2: Lip: type of fused lobes

This characteristic refers to the degree of extension of the fused lobes.

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|  |  |  |
| 1 | 2 | 3 |
| type I  (little of no extension of lobes) | type II  (moderate extension of lobes) | type III  (strong extension of lobes) |

Proposed revision of Characteristic 76 “Lip: size of lateral lobe relative to apical lobe”

*Current wording*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | English | français | deutsch | español | Example Varieties Exemples Beispielssorten Variedades ejemplo | Note/ Nota |
| **76.** | **VG/ MS** | **Lip: size of lateral lobe relative to apical lobe** | **Labelle : taille du lobe latéral par rapport au lobe apical** | **Lippe: Größe des lateralen Lappens im Verhältnis zum apikalen Lappen** | Labio: tamaño del lóbulo lateral en relación con el lóbulo apical |  |  |
| **QN** | **(c)** | much smaller | beaucoup plus petit | viel kleiner | mucho más pequeño |  | 1 |
|  |  | smaller | plus petit | kleiner | más pequeño | Phaladadel, SOGO F-1016 | 3 |
|  |  | equal | identique | gleich lang | del mismo tamaño | Puccini, SOGO F-1016 | 5 |
|  |  | larger | plus grand | größer | más grande | Hawaiien Dream,  Ruey Hih Beauty | 7 |
|  |  | much larger | beaucoup plus grand | viel größer | mucho más grande |  | 9 |

*Proposed new wording*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | English | français | deutsch | español | Example Varieties Exemples Beispielssorten Variedades ejemplo | Note/ Nota |
| **76.** | **VG/ MS** | **Lip: size of lateral lobe relative to apical lobe** | **Labelle : taille du lobe latéral par rapport au lobe apical** | **Lippe: Größe des lateralen Lappens im Verhältnis zum apikalen Lappen** | Labio: tamaño del lóbulo lateral en relación con el lóbulo apical |  |  |
| **QN** | **(c)** | much smaller | beaucoup plus petit | viel kleiner | mucho más pequeño |  | 1 |
|  |  | smaller | plus petit | kleiner | más pequeño | Phaladadel, ~~SOGO F-1016~~ | 3 |
|  |  | equal | identique | gleich lang | del mismo tamaño | Puccini, ~~SOGO F-1016~~ | 5 |
|  |  | larger | plus grand | größer | más grande | Hawaiien Dream,  Ruey Hih Beauty | 7 |
|  |  | much larger | beaucoup plus grand | viel größer | mucho más grande |  | 9 |

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