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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  Fiftieth Session Victoria, British Columbia, Canada, September 11 to 15, 2017 | TWO/50/7  Original: English  Date: August 9, 2017 |

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 forty-ninth session, held in Gimcheon City, Republic of Korea, from June 13 to 17, 2016, agreed that the Test Guidelines for Phalaenopsis (*Phalaenopsis* Blume) (document TG/213/2) be partially revised (see document TWO/49/25 Rev. “Revised Report”, Annex IV).

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: shape” 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: shape of pseudopeloria” after Characteristic 70 “Lip: shape of apical lobe”
2. Revision of Characteristic 96 “Callus: pubescence”

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*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 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 |

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*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **NEW 1 (\*) (+)** | **VG** | Lip: shape | Labelle : forme | Lippe: Form | Labio: forma |  |  |
| **QN** | **(c)** | free |  |  |  | Phalorek | 1 |
|  |  | semi-pseudopeloria |  |  |  | FL106P02 | 3 |
|  |  | pseudopeloria |  |  |  | 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 |
| **NEW 2 (\*) (+)** | **VG** | Lip: shape of pseudopeloria |  |  |  |  |  |
| **QN** | **(c)** | type I | type I | Typ I | tipo I | Yu Pin Fire Works | 1 |
|  |  | type 2 | type II | Typ II | tipo II | FL106Y01 | 2 |
|  |  | type 3 | type III | Typ III | tipo III | Yu Pin Eastern Island | 3 |

Ad. NEW 1: Lip: shape

|  |  |  |
| --- | --- | --- |
| P:\Fotodatabase\ORC - Orchideeën\OPS - Phalaenopsis\OPS0363blm.jpg |  |  |
| 1 | 2 | 3 |
| free | semi-pseudopeloria | pseudopeloria |

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 | ~~8~~ 9  obtriangular |
|  |  |  |  | image016  6  circular | |  |  |  |

Ad. NEW 2: Lip: shape of pseudopeloria

|  |  |  |
| --- | --- | --- |
|  |  |  |
| 1 | 2 | 3 |
| type I | type II | type III |

Proposed revision of Characteristic 96 “Callus: pubescence”

*Current wording*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **96.** | **VG** | Callus: pubescence | Callus : pilosité | Kallus: Behaarung | Callo: pubbescenzia |  |  |
| **QL** | **(c)** | absent | absente | fehlend | ausente | Mrs Brown | 1 |
|  |  | present | présente | vorhanden | presente | Zuma’s Pixie ‘Malibu’ | 9 |

*Proposed new wording*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **96.** | **VG** | ~~Callus:~~ Apical lobe: pubescence | ~~Callus~~ Lobe apical: pilosité | ~~Kallus~~ Apikaler Lappen: Behaarung | ~~Callo~~ Lóbulo apical: pubbescenzia |  |  |
| **QL** | **(c)** | absent | absente | fehlend | ausente | Mrs Brown | 1 |
|  |  | present | présente | vorhanden | presente | Zuma’s Pixie ‘Malibu’ | 9 |

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