



TWO/35/22

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INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS
GENEVA

TECHNICAL WORKING PARTY
FOR
ORNAMENTAL PLANTS AND FOREST TREES

Thirty-Fifth Session
Quito, November 18 to 22, 2002

REPORT ON THE CONCLUSIONS

adopted by the Technical Working Party for Ornamental Plants and Forest Trees

Opening of the Session

1. The Technical Working Party for Ornamental Plants and Forest Trees (TWO) held its thirty-fifth session in Quito, from November 18 to 22, 2002. The list of participants is reproduced in Annex I to this report.

2. The TWO was welcomed by Dr. Nelson Velasco, President, *Instituto Ecuatoriano de la Propiedad Intelectual* (IEPI).

3. The session was opened by Miss Elizabeth Scott (United Kingdom), Chairman of the TWO, who welcomed the participants, and in particular new participants, to the TWO.

Adoption of the Agenda

4. The TWO adopted the agenda as reproduced in document TWO/35/1 Rev., after having agreed to follow the work plan proposed by the Chairman.

Short Reports on Developments in Plant Variety Protection

5. The TWO received a presentation on plant variety protection in Ecuador and received oral reports from the participants on developments in plant variety protection in their respective countries and organizations. In its report, the experts from the Republic of Korea extended an invitation to the TWO to hold a future meeting in their country.

6. The TWO received an oral report from the Office of the Union on its latest developments.

Molecular Techniques

7. The TWO received an oral report from the Office of the Union on the latest developments within UPOV concerning the use of molecular techniques in DUS testing, based on document TC/38/14 Add.-CAJ/45/5 Add.

8. The TWO received an oral report from the Chairman of the Rose Crop Subgroup. It was reported that the meeting of the Rose Crop Subgroup, planned to take place prior to the meeting of the TWO, had been postponed because only one paper had been proposed. The TWO noted that further papers were likely to be available next year which, in particular, would look at an option 2 approach for Rose. It agreed that a suitable date for the meeting should be arranged when these papers were forthcoming. Breeders participating in the TWO were invited to notify the Office of the Union if they wished to participate in the meeting of the Rose Crop Subgroup.

Project to Consider the Publication of Variety Descriptions (document TC/38/10 Add.)

9. The TWO proposed to undertake a model study on Petunia. It considered that the project may not produce a useful outcome, but would nevertheless provide information on how much variety descriptions vary. The expert from Germany offered to act as coordinator for the project. Experts from Australia, Canada, Japan, New Zealand, Republic of Korea and the Community Plant Variety Office (CPVO) expressed their wish to participate in any model study on Petunia.

UPOV Databases

10. The TWO received an oral report from the Office of the Union on the latest developments in the UPOV databases based on document TC/38/6 -CAJ/45/6.

TGPD Documents(a) TGP Documents to which the Technical Committee has given highest priority for discussion*TGP/7.1 Draft 1 "Guidance for Drafters of Test Guidelines"*

11. The Office of the Union introduced the document.

12. The TWO made the following recommendations:

ASW3 It was proposed that additional standard wording and/or guidance notes should be developed to explain the nature of the growing cycle in section 3.3, where this was not obvious. For example, in the case of fruit trees it should explain that the growing cycle should relate to the production of fruit. It may also be necessary to indicate that the first fruit cycle should not be counted.

ASW3(a) It was proposed that the word "note" should be replaced by "key" to avoid confusion with the use of the term notes in the table of characteristics.

ASW5(c) The TWO noted that this wording did not cover all the options possible in Test Guidelines where there were both seed -propagated and vegetatively propagated varieties, e.g. where there were self -pollinated varieties. It proposed that this section should be moved to the end of ASW 5 and various options developed to cover all the combinations of (a), (b), (d) and (e).

ASW7 It was agreed that the words "Variety resulting from" at the beginning of 4.1.1 also related to 4.1.2, 4.1.3 and 4.1.4 and the text should be amended accordingly.

ASW10 The TWO noted the concerns from the International Seed Federation (ISF) regarding the requirement for color photographs but requested ISF to explain its particular concerns.

GN6 The TWO expressed its support of the view of the TWA that option 2, rather than option 1, should be presented in GN6.

GN10(a)/(b) The TWO expressed its support of the current draft of GN 10. It noted that, in contrast to the situation in agricultural crops, there were a good number of characteristics where harmonization would be possible.

GN10(c) It was proposed that, in addition to availability, the guidance notes should request that drafters of Test Guidelines take into account the expected lifetime of varieties when selecting example varieties. For example, if a variety had proved to be commercially viable over a very long period, it might be expected to have a longer future life expectancy than some newer varieties, where experience showed that the commercial viability of such newer varieties was, in general, quite short.

GN10(h)(i) The TWO welcomed the new proposal developed by the TWA and supported this solution. It also proposed that this approach be adopted for all Test Guidelines and not just those where there was more than a single set of example varieties.

GN10(h)(ii) It was agreed that the guidance notes should clarify that example varieties from different countries should not be provided for the same characteristic unless it was known that they presented the same scale. Where this was not the case, the sets of example varieties from different countries should be provided as separate lists.

GN14 The TWO proposed that the letter coding developed in ASW 3(a) could be used to indicate if a characteristic was suitable only for certain situations e.g. cooler climates.

GN15 The TWO welcomed the clarification provided by this section and recommended that it be presented in a table to make it easier to follow.

GN19 It was proposed that the title of this should be “Recommendations for conducting the examination.”

GN21(a) It was agreed that guidance was needed for the use of the underlined wording to indicate where each characteristic only applied to certain types of varieties.

GN22/23 The TWO noted that these two sections would need to be reviewed after discussions on TGP/7.3.1 and TGP/7.3.2.

GN24 It was noted that there was nothing in this guidance note to prevent the introduction of characteristics in the Technical Questionnaire which were not included in the table of characteristics, although it was understood that this was not being encouraged.

TGP/7.2 Draft 1 “TG Template”

13. The Office of the Union introduced the document.

14. The TWO made the following recommendations :

3.5 Number of Plants/Parts of Plant to be Examined

It was recommended that the following sentence be introduced to clarify that other types of observation, in particular visual observation, were also possible:

“Unless otherwise indicated, all observations determined by means other than measuring or counting should be made on all plants in the test.”

6.5 Legend

The TWO strongly supported the retention of an indication of the type of expression (QL, QN, PQ) in all Test Guidelines and did not consider that this should be optional. It noted that where the expression of an individual characteristic was unknown, the indication for that characteristic could be omitted, but emphasized the importance of providing information to users of Test Guidelines where it is available.

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

It was recommended that the title of GN 19 should be changed to “Recommendations for conducting the examination.”

10. *Technical Questionnaire*

10.6 *Similar varieties and differences from these varieties*

The TWO agreed with the recommendation from the Technical Working Party for Agricultural Crops (TWA), that a suitable example should be provided for the individual Test Guidelines. It also recommended that a brief explanation should be provided for the applicants to ensure they would understand how to complete this section.

Annex to the Technical Questionnaire

The TWO noted that it was important for the information requested in that Annex to be provided at the time of the application. Therefore, it proposed that this should be included as a section within the Technical Questionnaire.

9.(New) Information on material to be 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, scion taken from different growth phases of a tree, etc.

9.2 To the best of your knowledge, will the material to be submitted for examination be affected by the following factors in a way which may affect the expression of the characteristics of the variety?

- | | | |
|---|------------------------------|-----------------------------|
| (a) Pests | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| (b) Disease | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| (c) Micro-organisms (e.g. virus, bacteria, phytoplasma) | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| (d) Chemical treatment (e.g. growth retardant or pesticide) | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| (e) Other factors | Yes <input type="checkbox"/> | No <input type="checkbox"/> |

Please provide details of any factors where you have indicated "yes".

9.3 Has the material to be submitted for examination been subjected to:

- | | | |
|---------------------------|------------------------------|-----------------------------|
| (a) Tissue culture | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| (b) Grafting on rootstock | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| (c) Other | Yes <input type="checkbox"/> | No <input type="checkbox"/> |

Please provide details of where you have indicated "yes".

[ASW9.4 Has the material to be submitted for examination been tested for the presence of virus or other disease?

- | | | |
|-----|--------------------------|--------------------------|
| Yes | <input type="checkbox"/> | (please provide details) |
| No | <input type="checkbox"/> | |

TGP/7.3.1 Draft 1 “ Standardized UPOV Terms and Explanations: Types of Expression of Characteristics”

15. The Office of the Union introduced the document.

16. The TWO made the following recommendations:

2.3.2.2 Further consideration should be given to whether states 1 and 9 should continue to be used for absent and present. Some participants were concerned that this implied that there were states in between, which could be misleading if the absent / present characteristic was not followed by another characteristic with degrees of presence. Other participants noted that the change might cause additional work in the updating of databases.

3.4.2.2.1 (first) It was noted that the headings should read “Wording of uneven states.”

3.4.3.2.1 (second) It was noted that this should be amended to read 3.4.2.2.2

3.5.1 The TWO recommended that the condensed range should be limited to those characteristics which are visually observed. In the case of characteristics which are measured or counted the normal scale should be used.

3.5.1 Condensed Range 2: The TWO recommended that state 2 should be termed “medium.”

TGP/7.3.2 Draft 1 “Standardized UPOV Terms and Explanations: Harmonized States of Expression of Characteristics”

17. The Office of the Union introduced the document.

18. The TWO welcomed the development of the document and agreed with the proposed approach.

TGP/7.4 Draft 1 “Procedures for the Introduction and Revision of Test Guidelines”

19. The Office of the Union introduced the document.

20. The TWO noted the concerns of the Technical Working Party for Vegetables (TWV) regarding steps 1 to 3. However, it noted that all programs of the Technical Committee (TC) and its Technical Working Parties (TWPs) were already subject to approval by the Council. Furthermore, it noted that section 2.4.2.1 established that work on the drafting of Test Guidelines could begin prior to formal approval by the TC and the Council.

21. The TWO made the following recommendations:

2.1(c) The word “observer” should be inserted before “organization.”

2.2.2 The TWO also requested that, for the next session, the Office produce a summary of the number of protected varieties by species, on the basis of information contained in the UPOV-ROM.

2.5.1/2.5.2 The TWO proposed that TGP/7.4 should clarify that the TWP would only be able to approve a document for presentation to the TC where it had received a completed draft prior to its session. A draft would not be considered to be complete if it did not contain, for example, explanations of characteristics contained in the Table of Characteristics. However, it was recommended that the TWP could approve draft Test Guidelines for submission to the TC if these did not contain a full set of example varieties. Furthermore, it could accept revisions to the draft provided for consideration at the session if the changes were adequately specified and approved in the report on the conclusion of the meeting.

5.3 The TWO supported option 3 for the document references for draft Test Guidelines. It also proposed that the UPOV Website should be amended to make it easier to find the relevant drafts of Test Guidelines, rather than having to search through all the individual TWP session documents. It welcomed the proposal from the Office of the Union to present the drafts of the Test Guidelines in the same way as that being used for the TGP documents.

TGP/4.1 Draft 2 “General Guidance for the Management of Variety Collections”

22. The expert from New Zealand introduced the document.

23. The TWO discussed the scope of the document and recommended that it should be restricted to the practical management of variety collections and should not seek to establish guidelines for deciding which varieties should be included, since this should be addressed in TGP/9. It considered that the elaboration of varieties of common knowledge should be covered by TGP/3. The TWO considered that, within the scope of the management of variety collections, the document should address the management of collections of both living plant material and the management of information, such as that contained in databases or catalogues. In particular, the TWO proposed that it might draft a section on the management of such information. It also considered that TGP/4 should address matters such as the use of material submitted by applicants, as currently under discussion within the Administrative and Legal Committee (CAJ). It proposed that Mr. Barnaby (NZ) should continue to participate in the drafting of TGP/4.

TGP/9.1

24. The TWO endorsed the approach proposed by the TWA, namely to provide examples of different approaches to examining distinctness used by UPOV members. It recommended that that should have an introduction at the beginning to explain the nature of the document and that introduction should clarify that there was only one system for examination of distinctness, but that different approaches could be developed within that single system. It also noted that the current draft of TGP/6 contained overlaps with the examination of distinctness.

TGP/10.2 Draft 1 “Assessing Uniformity According to the Features of Propagation”

25. It was agreed that that document should be reviewed to ensure that it was clear that uniformity was to be assessed on the expression of the characteristics of the genotype and not the genotype itself. It also proposed that a link should be made to TGP/13 for guidance on examining uniformity on new types and species.

26. The TWO proposed that a section for assessing relative uniformity by non -statistical methods should be developed.

TGP/8.6 Draft1 “ Examining DUS in Bulk Samples”

27. The TWO recommended that that document should be revised to be more clearly understood by non -statisticians.

Other TGP documents

28. The TWO did not have time to consider the other TGP documents at the meeting and requested that written comments be sent to the Office of the Union by December 6 ,2002.

29. It was agreed that TGP/13 should be given a high priority by the TWO next year because of the importance of new types and species in ornamental plants. The Office of the Union noted that TGP/14.2, covering botanical shapes, was particularly interesting for the TWO and suggested that participants may wish to read that document before the next session.

Questionnaire “Testing of Seed -Propagated Ornamental Varieties”

30. The Office of the Union introduced document TW O/35/16, Results of the Questionnaire on Testing of Seed -Propagated Ornamental Varieties for the UPOV Technical Working Party for Ornamental Plants and Forest Trees (TWO). It was agreed that this survey should be repeated over the next 3 years.

Discussion on Draft Test Guidelines

(a) Subject of Test Guidelines being drafted

31. The TWO reviewed those draft Test Guidelines which might need to cover more than one species and those where more than one set of Test Guidelines might be needed for a single species.

(i) Apple: It was agreed that separate Test Guidelines should be developed for ornamental varieties and fruit varieties, since varieties of these two types could be clearly separated. The individual Test Guidelines will explain the basis for the separation.

(ii) Rose: It was agreed that separate Test Guidelines should not be introduced for different types of variety e.g. cut -flower types. It noted, in particular, that this approach was supported by those breeders and breeders' organizations present at the meeting.

(iii) Hypericum: It was agreed that the Test Guidelines should cover only berry-producing species, since these could be clearly identified and these were the species where there was greatest need at present. The Test Guidelines will be the basis for identifying these species.

(iv) Petunia/Calibrachoa: It was agreed that these two genera should be covered in separate Test Guidelines.

(b) Subgroup discussion on final draft Test Guidelines

Bracteantha (TWO/35/12)

32. The expert from Australia introduced document TWO/35/12 – *Bracteantha*.

33. The Subgroup agreed the following changes:

2.3 “25” to be replaced by “15.”

3.3.1 second sentence to add “when one third of the disc florets have opened in the flowerhead.”

3.3.2 delete (a), (b), (e) and (g). Note (c) to be elaborated further and illustration provided. Note (f) to read: “Bract length and width, bract color and pappus color should be recorded after removing bracts from the flowerhead. For observations on bract length and width, remove a bract from the middle row of the involucre.”

6.5 to read “(a) to (c)…”

7. Table of Characteristics

Further example varieties to be provided.

Char.1 to be indicated as QL. (+) to be added.

Char.2 to be indicated as PQ. To have the states: upright (1); semi-upright (2); spreading (3).

Char.3 to be indicated as QN. To read: “Plant: Height including flowers.”

New Char. (after 3) “Plant: Height of foliage.” To have the same states as characteristic 3. To be indicated as QN. for

Char.4 to be indicated as QN.

Char.5 to be indicated as QN. To have the states: absent or weak (1); medium (2); strong (3).

Char.6 to be indicated as QN.

Char.7 to be indicated as QN. Example variety “Spectrum” to be deleted.

Char.8 to be indicated as QN.

Char.9 to be indicated as QN. To have the states: lower third (1); middle third (2); upper third (3).

Char.10 to be indicated as PQ.

Char.11 to be indicated as QL. (+) to be deleted.

Char.12 to be indicated as PQ. (+) to be deleted.

Char.13 to be indicated as QN. (+) to be deleted. To have the states: absent or weak (1); medium (2); strong (3).

Char.14 to be indicated as QN. (+) to be deleted. To have the states: absent or weak (1); medium (2); strong (3).

Char.15 to be indicated as QN. (+) to be deleted. Example variety “Spectrum” to be deleted.

Char.16 to be indicated as QN.

Char.17 to be indicated as QN. To have the states: absent or weak (1); medium (2); strong (3).

- Char.18 to be indicated as QL. To read "Flower bud: profile of apex."
 Char.19 to be indicated as PQ.
 Char.20 to be indicated as QN. To have the states: Slightly below to slightly above (1); moderately above (2); far above (3).
 Char.21 to be indicated as QN.
 Char.22 to be indicated as QN.
 Char.23 to be indicated as QN.
 Char.24 to be indicated as QN.
 Char.25 to be indicated as QL.(+) to be added.
 Char.26 to be indicated as PQ.
 Char.27 to be indicated as QN.
 Char.28 to be indicated as QN.
 Char.29 to be indicated as QN. To have the states: "as long as broad (1); twice as long as broad (2); three times as long as broad (3); four times as long as broad (4)."
 Chars.30 to 38 to be indicated as PQ.
 Chars.39 to 41 to be deleted.
 Char.42 to be indicated as PQ. To have the states: white (1); yellow (2); yellow green (3).

8. Explanations on the Table of Characteristics

All necessary explanations to be provided.

- Ad.1 illustration to be provided.
 Ad.3 to read "From soil level to the top of the plant when one-third of florets have opened on first flower head." Illustration to be provided showing the plant height with the highest point being (a) the foliage and (b) the flower.
 Ad.25 to explain that this refers to the number of visible colors when observing the involucre.

10. Technical Questionnaire

- 1 second box needed to indicate species.
 5.5 to 5.7 to be deleted.
 6 example to be: Involucre: main color e.g. pink/e.g. red.
 7.3 ASW10 to be added.

Calibrachoa (TWO/35/13)

34. The expert from Germany introduced document TWO/35/13 – Calibrachoa.
 35. The Subgroup agreed the following changes:
 Latin name author to be checked.

Coverpage: Associated documents to contain reference to the Test Guidelines for Petunia.

- 1.1 to add the sentence “These Test Guidelines do not apply to varieties of the genus Petunia, which is covered by TG/.../..”
- 2.3 to read “25 rooted cuttings.”
- 3.5 to read “ Unless otherwise indicated, all observations determined by measuring or counting should be made on 10 plants or part taken from each of 10 plants.”
- 5.3(c) to read “Corolla lobe: number of colors of upper side (excluding veins) (characteristic 18).”
- 5.3(d) to read “Corolla lobe: main color of upper side (characteristic 19).”
- 5.3(e) to read “Corolla lobe: conspicuousness of veins on inner side (characteristic 26).”

7. Table of Characteristics

It was agreed that a separate table of variety synonyms should be provided in section 8.

Example varieties to be provided.

- Char.1 to be indicated as QL. State 1 to read “ upright.”
- Char.2 to be indicated as QN.
- Char.3 (+) to be added. To be indicated as QN.
- Char.4 to be deleted.
- Char.5 to be indicated as QN. Additional state: absent or very short (1) to be added. To be moved after characteristic 10.
- Char.6 to be indicated as QN.
- Char.7 to be indicated as QN.
- Char.8 (+) to be added. To be indicated as PQ.
- Char.9 to be indicated as QL.
- Char.10 to be indicated as QN. To read “ Non-variegated varieties only: ...”
- Char.11 to be indicated as QN.
- Char.12 (+) to be added. To be indicated as QN.
- Char.13 (+) to be added. To be indicated as QN.
- Char.14 to be indicated as QL.
- Char.15 to be indicated as QL.
- Char.16 to be indicated as QN.
- Char.17 (+) to be added. To be indicated as QN. To read “Flower: degree of lobing” with the states: weak (3); medium (5); strong (7).
- Char.18 to be indicated as QL. To read “Corolla lobe: number of colors of upper side (excluding veins).”
- Char.19 to be indicated as PQ. To read “Corolla lobe: main color of upper side.”
- Char.20 to be indicated as PQ. To read “ For bi - and multi -colored varieties only: Corolla lobe: ...”

New Char.(b)(after 20) To read “ For multi-colored varieties only : Corolla lobe: tertiary color of upper side” with the same states as characteristic 19. To be indicated as PQ.

Char. 21 to be indicated as QN. To read: “Corolla lobe: Conspicuousness.”

Char. 22 to be indicated as PQ. To read “Corolla lobe:...”

Char. 23 to be indicated as PQ. State 4 to read “emarginate.”

Chars. 24 to 26 replace “Flower” with “Corolla.”

Char. 24 to be indicated as QN.

Char. 25 to be indicated as PQ.

Char. 26 to be indicated as QN.

8. Explanations on the Table of Characteristics

Ad. 23 state 4 to read “emarginate.”

9. Literature

Additional reference to Wijsman to be added.

10. Technical Questionnaire

4.1 to be updated according to outcome of TGP/7.1.

4.2 to read:

4.2.1 vegetatively propagated varieties:

(a) cuttings

(b) *in vitro* propagation

4.2.2 seed

4.2.3 other (pro vide details)

5.4 to read “Corolla lobe: number of colors of upper side (excluding veins).”

5.5(i) to read “Corolla lobe: main color of upper side.”

5.5(ii) to read “Corolla lobe: main color of upper side.”

6 example: Flower color: e.g. white / e.g. pink.

7.3 ASW10 to be added.

Dendrobium (TWO/35/4)

36. The expert from Japan introduced document TWO/35/4 – Dendrobium.

37. The Subgroup agreed the following changes:

2.3 the number of plants to be changed to 10.

6.4 example varieties “in quotation marks” to be replaced by “between ‘...’.”

7. Table of Characteristics

To change example variety Formidible to 'Formidible'.

Further example varieties to be provided.

- Char.1 "Plant: size" to be put in bold font.
 Char.2 replace PQ with QN.
 Char.11 to be deleted.
 Char.12 to read " Leaf: main green color" with states: light (3); medium (5); dark (7). Replace PQ with QN.
 Char.15 replace "+" with "and" in states 4, 5 and 6.
 Char.18 to read " Inflorescence: position of adherence to stem" with states: along whole length (1); top part only (2).
 Char.19 state 2 to read " apex only."
 Char.23 replace PQ with QN. To be presented as notes 1, 3, 5, 7.
 Char.31 replace PQ with QN.
 Char.35 replace PQ with QN. To be presented as notes 1, 3, 5, 7, 9.
 Char.36 replace PQ with QN.
 Char.37 replace PQ with QN.
 Char.38 replace PQ with QN.
 Char.42 replace PQ with QN. To be presented as notes 1, 3, 5, 7, 9.
 Char.43 replace PQ with QN.
 Char.44 replace PQ with QN.
 Char.46 replace "+" with "and" in states 7, 8 and 9.
 Char.47 replace QL with PQ.
 Chars. 49-53 replace QL with PQ.
 Char.54 replace PQ with QN.
 Char.58 replace PQ with QN. To be presented as notes 1, 3, 5, 7, 9.
 Char.59 replace PQ with QN.
 Char.60 replace PQ with QN.
 Char.63 replace QL with PQ.
 Chars. 65-69 replace QL with PQ.
 Char.75 note "5" to read note "4."
 Char.77 replace QL with PQ.
 Char.79 replace QL with PQ.
 Char.81 replace "+" with "and" in states 7, 8 and 9.
 Chars. 83-91 replace QL with PQ.
 Char.92 to have the states: absent or weak (1); intermediate (2); strong (3). Replace PQ with QN.
 Char.93 to have the states: absent or weak (1); intermediate (2); strong (3). Replace PQ with QN.
 Char.94 replace PQ with QN. Note "1" to be non -bold font.
 Char.96 to have the states: absent or weak (1); intermediate (2); strong (3). Replace PQ with QN.
 Char.98 replace QL with PQ.

8. Explanations on the Table of Characteristics

- Ad.14 "main color" to be deleted from the note. "Secondary color" to be replaced by "variegation."

- Ad.24 illustration of peduncle length to be checked.
 Ad.35/42/58 to be presented as notes 1,3,5,7,9.
 Ad.76 spelling of state 3 to be amended to read "transverse elliptic."

10. Technical Questionnaire

- 4.1.1 to be updated according to the outcome of TGP/7.1.
 4.1.1(a) part in parentheses to read "please state parent varieties and GREX."
 5.2 state 2 to read "apex only."
 5.7 replace "+" with "and" in states 7, 8 and 9.
 6 example: Lip: color pattern e.g. shaded / e.g. shaded and striped .
 7.3 ASW10 to be added.

Leptospermum (TWO/35/11)

38. The expert from Australia introduced document TWO/35/11 – *Leptospermum*.
 39. The Subgroup agreed the following changes:
 3.3.2(a) to read "All observations on the young leaf s should be made on the distal part of the shoot on fully expanded leaves during active growth. The color ..."
 3.3.2(b) to read "All observations on the mature leaf should be made on leaves of the middle part of the shoots during summer."
 3.3.2(new)(after b) flower bud characteristics to be examined immediately prior to reflexing of these petals.
 3.3.2(c) to be amended to read (d).
 5.3 "(c) Petal..." to read "(e) Petal..."

7. Table of Characteristics

The Table of Characteristics is to be renumbered according to the sequence presented in the document.

Example varieties to be provided.

- Char.1 to be indicated as PQ.
 Char.2 to be indicated as QN.
 Char.3 to be indicated as QN.
 Char.3a to be indicated as QN. To read "Plant: curvature of branches at distal end."
 Char.4 to be indicated as QN.

- Char.5 tobedeleted.
- Char.6 tobeindicatedasPQ.Newstate:orangebrown(7)tobeadded.
- Char.7 to be indicated as QN. To have the states: absent or weak (1); medium(2);strong(3).
- Char.15 tobe indicatedasPQ.Toreadfromstate6asfollows:orangebrown (7);red(8);redbrown(9);redpurple(10);darkpurple(11).
- Char.9 to be indicated as QN. To read “Leaf blade: attitude in relation to stem.”
- Char.10 tobeindicatedasQN.
- Char.11 to be indicated as QN. Suitability of example variety “BY 11” to be checked for state 3.
- Char.12 tobeindicatedasPQ.
- Char.13 tobeindicatedasPQ.
- Char.14 tobeindicatedasPQ.
- Char.16 tobeindicatedasQL.
- Char.17 tobeindicatedasPQ.“Pubescence” to be replaced by “hairs”. State 9 to read “dark purple.”
- Char.18 tobeindicatedasPQ.
- Char.19 tobeindicatedasQN.
- Char.20 tobeindicatedasQN.Toread“Leafblade:...”
- Char.26 to be indicated as QN. To have the note (new - (c)). “Bud” to be amended to “bud”. Spelling of moderately to be corrected.
- Char.25 to be indicated as PQ. To have the note (new - (c)). “Bud” to be amended to “bud”.
- Char.27 (+) to be added to provide the definition of the types.
- Char.28(1) (+) to be added for explanation. To be checked if all the states are possible for both semi-double and double varieties. If not, the characteristic is to be split into two characteristics with the states applicable in each case.
- Char.28(2) tobeindicatedasQN.
- Char.33 tobeindicatedasQN.
- Char.29 tobeindicatedasQN.
- Char.30 to be indicated as PQ. To have the states: acute (1); obtuse (2); rounded(3).
- Char.31 tobeindicatedasPQ.
- Char.32 to be indicated as QN. To have the states: absent or very weak (1); weak(2);strong(3).
- Char.34 tobeindicatedasQN.
- Char.35 tobeindicatedasQL.The word“visible” tobedeleted.To have the states:one(1);twoormore(2).
- Char.36 tobeindicatedasQL.Toread:“Varietieswithtwoormorecolorson upperside:Petal:...”
- Char.37 tobeindicatedasQL.
- Char.38 tobeindicatedasPQ.
- Char.39 tobeindicatedasPQ.Toread:“Varietieswithtwoormorecolorson upperside:Petal:...”
- Char.42 to be indicated as QN. To have the states: weak (3); medium (5); strong(7).
- Char.43 tobedeleted.
- Char.40 tobeindicatedasPQ.Toread:“Petal:maincolor2weeksafterfirst opening.”

- Char.41 to be indicated as PQ. To read: “ Varieties with two more colors on
underside: Petal: secondary color 2 weeks after first opening.”
- Char.44 (+) to be added. To be indicated as QN. To read: “Flower: diameter
of disc in relation to diameter of flower” and moved to after
characteristic 28.
- Char.45 (+) to be added. To be indicated as PQ. To have an extra state: dark
purple (5) and moved after characteristic 28 and 44.
- Char.46 to be indicated as PQ. To read: “Disc: main color 2 weeks after first
opening.”
- Char.47 (+) to be deleted. To be indicated as QN. To read: “Stamen: length
of fertile stamen in relation to length of petal.”
- Char.48 to be indicated as PQ.
- Char.51 to be indicated as QN.

8. Explanations on the Table of Characteristics

Explanations/illustrations to be provided for characteristics 1, 3, 3a, 6, 9, 13, 27,
28, 44a and 45.

10. Technical Questionnaire

6 example: Petal: main color: e.g. red/e.g. red purple.

7.3 ASW10 to be added.

Ornamental Apple (TWO/35/20)

40. The expert from the United Kingdom introduced document TWO/35/20 – Ornamental
Apple.

41. The Subgroup agreed the following changes:

2.2 and 2.3 to specify three -year-old trees grafted on a rootstock.

3.1 to specify that the number of independent growing cycles is 2.

3.3.1 to introduce a standard phrase for fruit trees indicating that the trees should
produce two satisfactory crops of fruit.

7.3 ASW10 to be added.

Petunia (TWO/35/14)

42. The expert from Germany introduced document TWO/35/14 – Petunia.

43. The Subgroup agreed the following changes:

Coverage: Associated documents to contain reference to the Test Guidelines for
Calibrachoa.

- 1.1 to add the sentence “These Test Guidelines do not apply to varieties of the genus Calibrachoa, which is covered by TG/.../..”
- 2.3 section for seed -propagated varieties to read “600 seeds, preferably supplied in 6 portions, each of 100 seeds.”
- 4.2.2 to read “ For vegetatively propagated varieties and seed propagated varieties which are self -pollinated varieties, the acceptable number...”
- 4.2.3 to read “For the assessment of uniformity of seed propagated varieties which are cross-pollinated or rare hybrids, the recommendations...”
- 5.3(c) to read “Corolla lobe: number of colors of upper side (excluding veins) (characteristic 23).”
- 5.3(d) to read “Corolla lobe: main color of upper side (characteristic 24).”
- 5.3(e) to read “Corolla lobe: conspicuousness of veins on inner side (characteristic 26).”

7. Table of Characteristics

Example varieties to be provided.

- Char.1 to be indicated as QL. State 1 to read “ upright.” (*) to be added.
- Char.2 to be indicated as QN.
- Char.3 (+) to be added. To be indicated as QN.
- Char.4 to be indicated as QN.
- Char.5 to be deleted.
- Char.6 to be indicated as QN. Additional state: absent or very short (1) to be added. To be moved after characteristic 13.
- Char.7 to be indicated as QN.
- Char.8 to be indicated as QN.
- Char.9 to be indicated as PQ. Order of states to be changed to: ovate (1); elliptic (2); circular (3); obovate (4); rhombic (5).
- Char.10 (+) to be added. To be indicated as PQ.
- Char.11 to be indicated as QL.
- Char.12 to be indicated as QN. To read “ Non-variegated varieties only: ...”
- Char.13 (+) to be added. To be indicated as QL.
- Char.14 to be indicated as QN.
- Char.15 to be deleted.
- Char. 16 (+) to be added. To be indicated as QN.
- Char.17 (+) to be added. To be indicated as QN.
- Char.18 to be indicated as PQ.
- Char.19 to be indicated as QL.
- Char.20 to be indicated as QL.
- Char.21 to be indicated as QN.
- Char.22 (*) to be added. To be indicated as QL.
- New Char.(a)(after 22) to read “ Flower: color of veins” with states: yellow (1); red (2); purple (3). To be indicated as PQ.
- Char.23 to be indicated as QL. To read “Corolla lobe: number of colors of upper side (excluding veins).”
- Chars. 24 to 28 replace “flower” with “corolla lobe.” Delete “(as for 23).”

- Char.24 to be indicated as PQ.
- Char.25 to be indicated as PQ. To read “ For bi - and multi -colored varieties only: Corolla lobe:...”
- Char.26 to be indicated as PQ. States to read: at transition to corolla tube (1); along mid -vein (2); at margin (3).
- New Char.(b)(after 26) To read “ For multi -colored varieties only : Corolla lobe: tertiary color of upper side” with the same states as characteristic 25. To be indicated as PQ.
- Char.27 to be indicated as QN.
- Char.28 to be indicated as QN.
- Chars. 29 to 31 replace “flower” with “corolla.”
- Char.29 to be indicated as QN.
- Char.30 to be indicated as PQ.
- Char.31 to be indicated as QN.
- Char.32 to read “Anther: color before pollen dehiscence”. To be indicated as PQ.

8. Explanations on the Table of Characteristics

- Ad.3 to explain that the length should be measured from the center of the plant and an illustration provided.
- Ad.9 order of states to be changed to: ovate (1); elliptic (2); circular (3); obovate (4); rhombic (5).
- Ad.10 illustration to be provided.
- Ad.13 illustration to be provided.
- Ad.16/17/(18) illustration to be provided.
- Ad.18 in addition to existing illustration, the part of the plant to be examined is to be shown on the illustration for Ads. 16 and 17.
- Ad.26 states to read: at transition to corolla tube (1); along mid -vein (2); at margin (3).

9. Literature

References from the updated Calibrachoa draft Test Guidelines (TWO/35/13) to be added.

10. Technical Questionnaire

- 4.1 to be updated according to outcome of TGP/7.1.
- 4.2 to read:
- 4.2.1 vegetatively propagated varieties:
- (a) cuttings
- (b) *in vitro* propagation
- 4.2.2 seed
- 4.2.3 other (provided details)
- 5.4 to read “Corolla lobe: number of colors of upper side (excluding veins).”

- 5.5(i) replace “flower” with “corolla lobe.”
 5.5(ii) replace “flower” with “corolla lobe.” State 5 to read “blue pink.”

6 example: Flower color: e.g. white/e.g. pink.

7.3 ASW10 to be added.

Phalaenopsis (TWO/ 35/2)

44. The expert from Japan introduced document TWO/35/2 – *Phalaenopsis*.

45. The Subgroup agreed the following changes:

6.4 example varieties. “in quotation marks” to be replaced by “between ‘...’.”

7. Table of Characteristics

Further example varieties to be provided.

- Char.7 replace QL with QN.
 Char.8 replace QN with PQ.
 Char.10 (+) to be added.
 Char.11 (+) to be added.
 Char.15 “Peduncle” to be replaced by “Inflorescence.” To be moved to after characteristic 11.
 Char.17 (+) to be deleted. To have the states: smooth(1); rough(2).
 Char.21 state 3 to read “elliptic.” State 5 to read “round.”
 Char.24 replace PQ with QN.
 Char.25 replace PQ with QN.
 Char.29 state 1 to read “even.” Replace “+” with “and” in states 7 and 8.
 Char.30 replace QL with PQ.
 Char.31 replace QL with PQ. To read: “Dorsal sepal: secondary color.”
 Char.33 state 1 to read “even.” Replace “+” with “and” in states 7 to 11.
 Char.34 replace QL with PQ.
 Char.35 replace QL with PQ. To read: “Lateral sepal: secondary color.”
 Char.36 state 3 to read “elliptic”, state 5 to read “rhombic”, state 6 to read “semi-circular.”
 Char.39 replace PQ with QN.
 Char.40 replace PQ with QN.
 Char.43 replace QL with QN. (+) to be added. To read “Flower: arrangement of petals” and be moved after characteristic 19.
 Char.45 state 1 to read “even.” Replace “+” with “and” in states 7 to 9.
 Char.46 replace QL with PQ.
 Char.48 replace QL with PQ. To read: “Petal: secondary color.”
 Char.52 to read “Lip: length of whiskers relative to length of apical lobe.”
 Char.53 state 3 to read “elliptic”, state 6 to read “rhombic”, state 8 to read “semi-circular.” “Deltoid” to be checked.
 Char.54 to read “Lip: bump and ridge on apical lobe.”
 Char.55 replace QL with PQ.
 Char.56 replace QL with PQ.

- Char.57 replace“equivalent”with“same.”
- Char.59 replace“self -colored”with“even.”
- Char.60 replaceQLwithPQ.
- Char.61 replaceQLwithPQ.
- Char.62 replace“self -colored”with“even.”
- Char.63 replaceQLwith PQ.
- Char.64 replaceQLwithPQ.
- Char.67 replaceQLwithPQ.

8.ExplanationsontheTableofC haracteristics

- Ad.10 illustrationtobeprovided.
- Ad.11 illustrationtobeprovided.
- Ad.43 illustrationtobe provided to clarify that it is petal: petal overlap and not petal: sepal.
- Ad.49etc to read “Ad. 49, 50, 52 and 54.” Key to read: “column (1); Lip: lateral lobe (2); Lip: whiskers (3); Lip: apical lobe (4); Lip: callus (5).” The two diagrams to be kept on the same page. Footnote “Phalae nopsis...” to be deleted.

9. Literature

Further reference to be added.

10. Technical Questionnaire

- 5.2 state 1 to read “ even.” Replace “+” with “and” in states 7 to 9.
- 5.3 “main colour” to be changed to “main color.”
- 6 example provided to be: Petal : color pattern e.g. shaded/e.g. shaded and striped.
- 7.3 ASW 10 to be added, but modified to request a photograph of the whole plant and one of the flower.

Verbena(TWO/35/6)

- 46. The expert from the Netherlands introduced document TWO/35/6 –Verbena.
- 47. The Subgroup agreed the changes set out in Annex II of this document.

Willow(TWO/35/3)

- 48. The expert from Germany introduced document TWO/35/3 –Willow.
- 49. The Subgroup agreed the following changes:
 - 3.3.4 to be deleted as not relevant to the species.

7. Table of Characteristics

Char.1	tobeindicatedasQL.Examplevariety“Tora”to be added for note 1. Example variety “Bjorn” to be added for note 2.	1.
Char.2	tobeindicatedasQN.	
Char.3	tobeindicatedasPQ.	
Char.4	tobeindicatedasPQ.To read “Main shoot: color in the middle third (sunnyside).” State 7 to read “medium green.”	
Char.5	tobeindicatedasQN.(+)tobe deleted. Example variety “Tordis” to be added for note 1. Example variety “Björn” to be added for note 3. Example variety “Eva” to be added for note 5. Example variety “Nils” to be added for note 7.	
Char.6	tobeindicatedasQN.	
Char.7	tobeindicatedasPQ.(+)tobe deleted.	
Char.8	tobeindicatedasQN.(+)tobe deleted.	
Char.9	to be indicated as QN. To read “Main shoot: number of branches longer than 5 cm.”	
Char.10	tobeindicatedasQN.To read “Branch: angle between first 5 cm of branch and main shoot in middle third of main shoot.”	
Char.11	tobeindicatedasPQ.	
Char.12	to be indicated as PQ. Order of states to be changed to: yellow green (1); grey green (2); green (3); grey brown (4); red brown (5); brown (6).	
Char.13	tobeindicatedasQN.	
Char.14	tobeindicatedasQN.	
Char.15	tobeindicatedasPQ.	
Char.16	to be indicated as PQ. State 1 to read “acuminate.” State 2 to read “acute.” State 3 to read “rounded.” State 4 to read “obtuse.” State 5 to read “truncate.” State 6 to read “cordate.”	
Char.17	tobe deleted.	
Char.18	to be indicated as PQ. State 2 to read “light green.” State 3 to read “medium green.” State 4 to read “dark green.” State 5 to read “grey green.” State 6 to read “blue green.” State 7 to read “red green.”	
Char.19	tobeindicatedasQN.	
Char.20	tobeindicatedasQN.	
Char.21	tobeindicatedasQN.	
Char.22	tobeindicatedasPQ.	
Char.23	tobeindicatedasQN.	
Char.24	to be indicated as PQ. Order of states to be changed to: type 2 (1); type 3 (2); type 1 (3).	

8. Explanations on the Table of Characteristics

Ad.16 state 1 to read “acuminate.”
state 2 to read “acute.”
state 3 to read “rounded.”
state 4 to read “obtuse.”
state 5 to read “truncate.”
state 6 to read “cordate.”

Ad.17 to be deleted.

Ad.24 order of states to be changed to: type 2(1); type 3(2); type 1(3).

9. Literature

Second reference: the year of publishing to be added.

(c) Subgroup discussions on other draft Test Guidelines

Brachyscome (TWO/35/10)

50. The expert from Australia introduced document TWO/35/10 – *Brachyscome*. The TWO noted that changes agreed by the Subgroup would be presented in the detailed report.

Catharanthus roseus (TWO/35/15)

51. The expert from Japan introduced document TWO/35/15 – *Catharanthus roseus*. The TWO noted that changes agreed by the Subgroup would be presented in the detailed report.

Clematis (TWO/35/5)

52. The expert from Canada introduced document TWO/35/5 – *Clematis*.

53. The Subgroup agreed the following changes:

1.1 to read “These Test Guidelines apply to all varieties of *Clematis* L..”

2.3 to read “The minimum quantity of plant material, to be supplied by the applicant, should be: 10 one-year-old plants, not cut back, which have never previously flowered.”

3.3.2(b) to read “For varieties with compound leaves, the leaf blade characteristics should be based on the base leaflet of the first order.” Illustration to be provided.

5.3(a) to be deleted.

5.3(b) to be deleted.

5.3(g) to be deleted.

5.3(j) to be deleted.

7. Table of Characteristics

Char.2 to be deleted.

Char.4 notes of the states should be 1,2,3.

Char.5 to read “Non-climbing varieties only: Plant: vigor.” The states to be changed to: weak(1); medium(2); strong(3).

Char.6 to be deleted.

Char.7 to be deleted.

- Char.11 states to be changed to: usually three (1); usually five (2); usually seven(3).
- Char.12,13 review to possibly have one characteristic. "Leaflet size", notes of states should be 1,2,3.
- Char.14 to be deleted.
- Char.15 (+) to be deleted.
- Char.16 (+) to be deleted.
- Char.17 (+) to be deleted.
- Char.18 (+) to be deleted.
- Char.19 thenotesofthestates should be 1,2.
- Char.20 state to read "three or four."
- Char.22 state "brown green" to be checked.
- Char.25 to be checked. (*) to be checked.
- Char.26 to be checked. (*) to be checked.
- Char.27 to read "Inflorescence: arrangement of flowers."
- Char.28 to read "Inflorescence: Peduncle length."
- Char.29 to read " Flower: orientation." States to be changed to: facing upwards(1), facing outwards(2), hanging downwards(3).
- Char.30 explanation to be added.
- Char.33 (+) to be added. States to be changed to: concave (1), flat (2), convex(3).
- Char.39 to be deleted.
- Char.41 state of characteristic to be: concave(1), flat(2), convex(3).
- Char.42 to be deleted?
- Char.43 to be "Sepal: reflexing of distal part". (+) to be added.
- Char.45 (+) to be added.
- Char.53 state of characteristic to be changed?
- Char.60 states "yellow, brown, lilac" to be added.
- Char.61 state "lilac" to be added.
- Char.62 to be deleted.

10. Technical Questionnaire

Char.5.2 to be deleted.

7.3 ASW10 to be added.

Dahlia(TWO/35/21)

54. The expert from the United Kingdom introduced document TWO/35/21 – Dahlia. The TWOnoted that changes agreed by the Subgroup would be presented in the detailed report.

Hypericum(TWO/35/8)

55. The expert from the Netherlands introduced document TWO/35/8 -Hypericum.

56. The Subgroup agreed the following changes:

Title page: Subject of Test Guideline to be as specified in section 1. Common name to be deleted.

1. subject of the Test Guideline to include hybrids of the species concerned.

2.3 to read “ 10 young plants of commercial standard.”

3.3.1 delete second sentence.

New (after 3.3.1) to read “ (a) characteristics which should be observed at full flowering. (b) characteristics which should be observed when the berries are at their full color (harvest time).”

5.3 to add after (a) new grouping characteristic (b) Berry: size (characteristic 30).

6.5 to add key to relevant characteristic explaining that the “berry” is, in fact, a capsule.

7. Table of Characteristics

Chars. 1 to 29 to receive note (a).

Chars. 30 to 36 to receive note (b).

Char. 1 to be indicated as QN. State 1 to read “ upright.”

Char. 2 to be indicated as QN. To have the states: short (3); medium (5); tall (7).

Char. 3 to be indicated as QN.

Char. 4 to be indicated as QL. To read “ Plant: reddish or brownish coloration of branches of current year’s growth.” To have the notes (1) and (9).

Char. 5 to be indicated as QN. To read “ For varieties with reddish or brownish coloration of branches of current year’s growth present only : Plant: intensity of color”.

Char. 6 to be indicated as QN.

Char. 7 to be indicated as QN.

? New Char. consider possibility of leaf shape characteristic.

Char. 8 to be indicated as QN.

New Char. to read “ Leaf: variegation” with states absent (1); present (9).

Char. 9 to be indicated as QL. To have the notes (1) and (9).

Char. 10 to be indicated as QN.

Char. 11 to be indicated as QL. To read “ Leaf: profile” with states: convex (1); flat (2); concave (3).

Char. 12 to be indicated as PQ. To have the states: acute (1); right-angle (2).

Char. 13 to be deleted.

Char. 14 to be indicated as PQ. To read “ Leaf: shape of apex” with states acute (1); rounded (2).

Char. 15 to be indicated as QL. To read “ Leaf: odor.”

Char. 16 to be indicated as QN.

Char. 17 to be indicated as QN.

Char. 18 to be indicated as QN.

Char. 19 to be indicated as QN. (+) to be added. Replace “ size” with “ diameter.”

- Char.20 to be indicated as QN. Delete “one.”
- Char.21 to be indicated as QN. Delete “one.”
- Char.22 to be indicated as QL.
- Char.23 to be indicated as QN. To read “ For varieties with reddish or brownish coloration of sepals present ;Sepals: intensity of color.”
- Char.24 to be indicated as QN . To read “Sepals: curvature” with states: absent or weakly curved (1); moderately curved (2); strongly curved (3).
- Char.25 to be indicated as QN.
- Char.26 to be indicated as PQ.
- Char.27 to be indicated as PQ.
- Char.28 to be indicated as QN . To read “Style: length.”
- Char.29 to be indicated as QL. “Ovary:” to be deleted.
- New Char.(after 29) “Inflorescence: number of berries” with states: few (3); medium (5) ; many (7). To be indicated as QN.
- Char.30 to be indicated as QN . Replace “size” with “maximum diameter.”
- Char.31 to be indicated as PQ . To read “Berry: shape in longitudinal section.” Delete “-.”
- Char.32 to be indicated as PQ . (+) to be added. State 3 to be deleted.
- Char.33 to be indicated as QL. “Top” to be replaced by “apex.”
- Char.34 to be indicated as PQ . “Texture” to be replaced by “surface.”
- Char.35 to be indicated as PQ . To be revised to include further colors.
- New Char.(after 35) “Berry: width of whitish or greenish band at base” with states: absent or narrow (1); medium (2); broad (3). To be indicated as QN.
- Char.36 to be indicated as QN.
- ?New Char. Consider characteristic for inflorescence type.

8. Explanations on the Table of Characteristics

- Ad.19 illustration to be provided.
- Ad.32 illustration to be provided.

10. Technical Questionnaire

- 1.2 common name “Saint John’s Wort” to be deleted.
- 5.1 state 1 to read “upright.”
- New (after 5.1) characteristic 30 to be added.
- 5.2 to read “Berry: shape in longitudinal section.” Delete “-.”
- 7.3 ASW10 to be added.

Poinsettia (TWO/35/19)

57. The expert from Denmark introduced document TWO/35/19 – Poinsettia. The TWO noted that changes agreed by the Subgroup would be presented in the detailed report.

Rose(TWO/35/18)

58. The expert from the Netherlands introduced document TWO/35/18 –Rose.

59. The Subgroup noted that a single set of Test Guidelines would now be developed for all types of rose but noted that the current document and discussions should refer to cut -flower types only. On that basis, the Subgroup agreed the following changes:

2.2 to read: “The material should be supplied in the form of young plants of commercial standard with their own roots unless the variety does not grow on its own roots, in which case plants and/or budwood of the variety would also be required.”

2.3 to read: “In cases where plants are supplied the applicant should state the rootstock which has been used .”

3.3.1 a new sentence to be inserted after the first sentence reading: “The plants should not be observed in the first flush of flowering.”

3.3.2 these conditions should be reviewed to cater for different approaches, perhaps by providing an explanation of other ways of growing the plants, such as outdoors.

4.2.2 will need to be reviewed according to the outcome of discussions concerning section 2.4.

5.3 the example variety “meileeuw” for state 9 is to be replaced by a non -bicolored variety.

7. Table of Characteristics

Chars. 7 to 9 to begin with: “ Varieties with long prickles only :...”

Char. 12 to read: “Leaf: green color” with the states “light (3); medium (5); dark (7).”

Char. 15 to have the states: narrow elliptic (1); elliptic (2); ovate (3); circular (4).

Char. 17 “top” to be replaced by “apex.”

Chars. 19 to 21 “flower” to be deleted.

Char. 22 to read: “Flower bud: shape in longitudinal section (just before separation of sepals).” State 5 to read: “circular.”

Char. 23 It was noted that consideration would need to be given to how to handle flowers with two colors.

Char. 27 to be checked if this should refer to the margins of petals or of a larger part of the petals.

Char. 29 to read: “Flower: side view of flower part.”

New Char. (after 29) to read “Petals: opening of petals one by one” with states: absent (1); present (9). Subject to further consideration of whether this is linked to other characteristics.

Char. 35 “macule” to be replaced with “basal spot.” State 2 to read: “more than two.”

Char. 36 to be deleted.

- Char.37 to read: “ Single colored varieties only: Petal: color distribution” with states: lighter towards the base (1); even (2); lightertowardstop(3).
- Char.39 to read “ Varietieswithtwoormorecolorsoninnerside de:...”
- NewChar.(after39) “Varietieswithmorethantwocolorsoninnerside :Petal; tertiarycolor”withthesamestatesasforcharacteristic39.
- NewChars.forpetalcolorofbi -andmulti -coloredtypetobedeveloped.
- Char.40 (+) to be added. States to be created for stripes and to describe the hocuspocustype.

10. Technical Questionnaire

- 4.2 to read “(a) budding or grafting; (b) cuttings; (c) *in vitro* propagation; (d) other (please provide details).”
- 6 example: Petal: main color: e.g. red/e.g. red purple.
- 7.3 ASW10 to be added.

Waxflower (TWO/35/9)

60. The expert from Australia introduced document TWO/35/9 – Waxflower. The TWO noted that changes agreed by the Subgroup would be presented in the detailed report.

Recommendations on Draft Test Guidelines (Plenary)

61. The expert from the Netherlands introduced document TWO/35/17 – Perilla. The Subgroup did not have any comments on the technical aspects of the document and thanked the TWV for an opportunity to comment.

62. The TWO agreed that the following draft Test Guidelines would be sent to the professional organizations and then submitted to the TC for approval in April 2003, on the basis of the amendments presented in “(b) Subgroup discussions on final draft Test Guidelines” on paragraphs 32 to 49 of this document, which would be introduced by the Office within information provided by the leading expert:

- *Bracteantha*
- *Calibrachoa*
- *Dendrobium*
- *Leptospermum*
- Ornamental Apple
- *Petunia*
- *Phalaenopsis*
- *Verbena*
- Willow (Revision).

63. The TWO decided to discuss further the following draft Test Guidelines at its next session:

- Brachyscome
- *Catharanthus roseus*
- Clematis
- Dahlia
- Hypericum(berryproducing species)
- Poinsettia(Revision)
- Rose(Revision)
- Waxflower.

64. The TWO decided to discuss the following new draft Test Guidelines at its 2003 session:

- Alstroemeria(Revision)(Netherlands to prepare document)
- Argyranthemum(Germany to prepare document)
- Chrysanthemum(Revision)(United Kingdom to prepare document)
- Diascia(United Kingdom to prepare document)
- Gypsophila(Israel to prepare document)
- Hibiscus(Republic of Korea to prepare document)
- Impatiens(France or Germany to prepare document)
- Tagetes(France to prepare document).

65. The TWO decided to discuss the following new draft Test Guidelines at its 2004 session:

- Antirrhinum(Japan to prepare document)
- Eucalyptus(part of genus only)(Brazil to prepare document)
- Nemisia(United Kingdom to prepare document)
- Phlox(Ecuador to prepare document)
- Tulip(Revision)(Netherlands to prepare document).

66. The interested experts for the draft Test Guidelines listed in paragraphs 63 and 64 of this report are represented in Annex III.

Future Program, Date and Place of the Next Session

67. At the invitation of the expert from Canada, the TWO agreed to hold its thirty-sixth session in Niagara Falls, from September 22 to 26, 2003. During the thirty-sixth session, the TWO planned to discuss or discuss the following items:

1. Opening of the session
2. Adoption of the agenda
3. Short reports on developments in plant variety protection
 - (a) reports from members and observers (brief oral reports by the participants)
 - (b) report on developments within UPOV (oral report by the Office of the Union)
4. Molecular techniques

5. Project to consider the publication of variety descriptions
6. UPOV Databases
7. TGP documents
8. Survey on "Testin gofseed -propagated ornamental varieties"
9. Uniformity requirements for variegated varieties
10. Discussions on draft Test Guidelines (Subgroups)
11. Recommendations on draft Test Guidelines (plenary)
12. Date and place of the next session
13. Future program
14. Report on the conclusions of the session (if time permits)
15. Closing of the session.

[Annex I follows]

TWO/35/22

ANNEXI

LIST OF PARTICIPANTS

I. MEMBER STATES

AUSTRALIA

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[Annex II follows]

ANNEXII

Verbena(TWO/35/6)

The expert from the Netherlands introduced document TWO/35/6 –Verbena.

The Subgroup agreed the following changes:

3.3.1 and 3.3.3 to be combined

7. Table of Characteristics

- Char.1 to have the following states: upright (1), semi-upright (2), creeping (3).
Example varieties to start with a capital letter.
- Char.2 to read “Plant: diameter just after the start of flowering.” Example varieties to start with a capital letter.
- Char.3 to have notes 1 and 2. Example varieties to start with a capital letter.
- Char.4 to read “Leaf: length of petiole.” Example varieties to start with a capital letter.
- Char.5 to read “Leaf: length of blade.” Example varieties to start with a capital letter.
- Char.6 to read “Leaf: width of blade.” Example varieties to start with a capital letter.
- Char.7 to read “Leaf: shape of blade.” Example varieties to start with a capital letter.
- Char.8 to read “Leaf: division of blade.” To have notes 1 and 9. Example varieties to start with a capital letter.
- Char.9 to read “Leaf: Blade: type of division.” Divided to have states: lobed (1), divided (2), dissected (3). Example varieties to start with a capital letter.
- Char.10 to have “Leaf: Blade: type of incisions of margin.” Example varieties to start with a capital letter.
- Char.11 to have “Leaf: Blade: color of upper side.” To have states: yellow-green (1), light green (2), dark green (3), grey/green (4). Example varieties to start with a capital letter.
- New char. to read “Leaf: Blade: anthocyanin coloration.” To have states: absent (1), present (2)
- Char.12 to read “Inflorescence: diameter.” Example varieties to start with a capital letter.
- Char.13 to read “Inflorescence: shape in profile.” Example varieties to start with a capital letter.
- Char.14 to read “Flower: diameter of corolla. Example varieties to start with a capital letter.
- Char.15 to read “Calyx: anthocyanin coloration.” To have notes 1 and 2. Example varieties to start with a capital letter.
- Char.16 to read “Calyx: presence of anthocyanin coloration.” To have states: at the base (1), upper part (2), teeth only (3), entire calyx (4)
- Char.17 to read “Corolla tube: length.” Example varieties to start with a capital letter.
- Char.18 to read “Corolla tube: color of tip of protruding hairs.” Example varieties to start with a capital letter.

- Char.19 to read “Corolla: arrangement of lobes.” To have states: free (1), touching (2), overlapping (3)
- Char.20 To read “Corolla: curvature of longitudinal axis”. To have states: absent (1), incurved (2), recurved (3). Example varieties to start with a capital letter.
- Char.21 to read “Corolla: undulation of lobes of margin.” Example varieties to start with a capital letter.
- Char.22 to read “Corolla: number of colors.” Example varieties to start with a capital letter.
- Char.23 to read “Corolla: color pattern.” To have states: even (1), shaded (2), star shaped (3), speckled (4), speckled and striped (5).
- Newchar. to read “ Corolla: Shaded varieties only: distribution of color.” To have states: lighter at base (1), lighter towards apex (2).
- Char.24 to be deleted.
- Char.25 to read “Corolla: main color” RHSColour Chart.
- Char.26 to read “Corolla: secondary color” RHSColour Chart.
- Char.27 to read “Corolla: eye.” To have notes 1 and 2. Example varieties to start with a capital letter.
- Char.28 to read “Corolla: diameter of eye” 3 -5-7, etc. Example varieties to start with a capital letter.
- Char.29 to read “Corolla: color of eye.” To have states: white -greenish (1), green-yellow (2), pink (3), red (4), purple (5). Example varieties to start with a capital letter.
- Char.30 to read “Corolla: change of color with age.” To have states: absent (1), fading (2), darkening (3). To change example varieties: Blacena, Lobena (1), Balazlavi (2)

8. Explanations on the Table of Characteristics

- Ad.9 to change legend of diagrams: lobed (1), divided (2), dissected (3).

10. Technical Questionnaire

All example varieties should start with a capital letter.

- Char.5.2 to read “Leaf: blade.”

After Char.5.4 to have

- Char.5.5 Flower: main color (see Table of Characteristics, Characteristic 24).
- Char.5.6 Flower: main color RHSColour Chart.

[Annex III follows]

ANNEXIII

LISTOFLEADINGEXPERTS(TWO2002)

Species	Basic Document	Leadingexperts	Interestedexperts (countries) (fornameof expertsseeListof Participantsin AnnexI)
Alstroemeria	Revision	Mr.Barendrecht,NL	AU,CA,EU,JP, KE
Argyranthemum	New	Mrs.Menne ,DE	AU,CA,DK,GB, NZ
Brachyscome	TWO/35/10	Mrs.Costa,AU	DE,GB,JP,NZ
<i>Catharanthus roseus</i>	TWO/35/15	Mr.Mizuno,JP	DE,EU,ZA
Chrysanthemum	Revision	MissScott,GB	CA,CZ,DE,DK,EU, FR,IL,JP,KE,KR, MX,NL,NZ,PL
Clematis	TWO/35/5	Ms.Mars hall,CA	AU,DE,EU,FR, GB,JP,NL,NZ
Dahlia	TWO/35/21	MissScott,GB	AU,CA,CZ,EU, MX,NZ,PL,NL
Diascia	New	MissScott,GB	AU,CA,NZ
Gypsophila	New	Mr.Bar -Tel,IL	AU,EQ,EU,KE
Hibiscus	New	Mr.Jeon,KR	AU,BZ,DE,GB, IL,NZ
Hypericum	TWO/35/8	Mr.Barendrecht,NL	EU,HU,JP
<i>Impatiens walleriana</i>	TWO/34/19	Mr.Brand,FRor Mrs.Menne,DE	AU,CA,CZ,DE, EU,FR,ZA
Poinsettia	TWO/35/19	Mr.Jacobsen,DK	AU,CA,EU,DE, JP,MX,NL
Rose (Revision)	TG/11/7, TWO/35/18	Mr.Barendrecht,NL	AU, BR,CA,DE,FR, GB,IL,JP,KE,KR, NZ,ZA
Tagetes	TWO/34/18	Mr.Brand,FR	DE,EU,HU,KE, KR,MX,PL
Waxflower	TWO/35/9	Mrs.Costa,AU	IL,ZA