



Disclaimer: unless otherwise agreed by the Council of UPOV, only documents that have been adopted by the Council of UPOV and that have not been superseded can represent UPOV policies or guidance.

This document has been scanned from a paper copy and may have some discrepancies from the original document.

Avertissement: sauf si le Conseil de l'UPOV en décide autrement, seuls les documents adoptés par le Conseil de l'UPOV n'ayant pas été remplacés peuvent représenter les principes ou les orientations de l'UPOV.

Ce document a été numérisé à partir d'une copie papier et peut contenir des différences avec le document original.

Allgemeiner Haftungsausschluß: Sofern nicht anders vom Rat der UPOV vereinbart, geben nur Dokumente, die vom Rat der UPOV angenommen und nicht ersetzt wurden, Grundsätze oder eine Anleitung der UPOV wieder.

Dieses Dokument wurde von einer Papierkopie gescannt und könnte Abweichungen vom Originaldokument aufweisen.

Descargo de responsabilidad: salvo que el Consejo de la UPOV decida de otro modo, solo se considerarán documentos de políticas u orientaciones de la UPOV los que hayan sido aprobados por el Consejo de la UPOV y no hayan sido reemplazados.

Este documento ha sido escaneado a partir de una copia en papel y puede que existan divergencias en relación con el documento original.



TWO/XXIII/12
ORIGINAL: English
DATE: November 16, 1990

INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS

GENEVA

TECHNICAL WORKING PARTY FOR ORNAMENTAL PLANTS AND FOREST TREES

Twenty - third Session
Tokyo, Japan, September 16 to 24, 1990

REPORT

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

Opening of the Session

1. The twenty-third session of the Technical Working Party for Ornamental Plants and Forest Trees (hereinafter referred to as "the Working Party") was held in Tokyo, Japan, from September 16 to 24, 1990. The list of participants appears in the Annex to this report.

2. Mr. S. Yamamoto, Chief Examiner of the Seeds and Seedlings Division of the Agricultural Production Bureau of the Ministry of Agriculture, Forestry and Fisheries welcomed the participants to the Sanbancho Branch of the Ministry of Agriculture, Forestry and Fisheries in Tokyo. The session was opened by Mr. C.J. Barendrecht (Netherlands), Chairman of the Working Party.

Adoption of the Agenda

3. The Working Party unanimously adopted the agenda for its twenty-third session as reproduced in document TWO/XXIII/1 Rev., after having deleted subitems 5(viii), Dieffenbachia and (ix), Hydrangea and 12(ii), Pyracantha, (iii), Weigela and (v), Iris and added subitem 12(vii), Kangaroo Paws.

Short Reports on Special Developments in Plant Variety Protection in Ornamental Plants and Forest Trees

4. The Working Party received short reports from some of the experts on further recent developments in their countries. The expert from The Netherlands reported on the administrative reorganization of the variety testing, leading to the Center for Variety Research and Seed Technology (CRZ). The experts from the Federal Republic of Germany and The Netherlands reported that in their countries the list of species in which varieties were eligible for protection had been extended to practically the whole plant kingdom. The expert from the Federal Republic of Germany also reported on the reorganization of the office in her country as a result of the unification with the German Democratic Republic as of October 3, 1990. The expert from Italy reported that the high number of applications had led to a considerable delay in testing. The expert from the United Kingdom reported on the extension of the list of species in which varieties were open for protection, on the increase in fees in order to cover costs and on the establishment of a single computer data base. The expert from New Zealand reported on her country's approach to have the national species included in the list of species of the UPOV member States. The expert from Japan reported that about half of the varieties for which protection was applied for were tested by the office itself, while the other half was examined through "on-site inspection" on the premises of the applicant. The expert from Israel reported that it had changed its practice of requesting fees for testing, which were now requested at the beginning of the test; this change had led to a considerable reduction in the number of applications. In all member States, one half to two thirds of the total applications for breeders' rights concerned ornamental varieties. The expert from Spain announced the intention to establish bilateral cooperation in the field of ornamental plants.

5. The Working Party agreed to ask the experts of all member States to prepare an organigram of the structure of their respective Plant Variety Protection bodies, in order to get a better understanding of how the system worked in the individual member States. Although its competence was limited to ornamental varieties, the Working Party would appreciate it if the information could give a more complete picture covering, if possible, also other species. The Office of UPOV was asked to prepare a questionnaire in that sense, asking for information to be supplied before the end of 1990.

Important Decisions Taken During the Last Sessions of the Technical Working Party and of the Technical Committee

6. Dr. M.-H. Thiele-Wittig gave a brief report on the main items discussed during the last session of the Technical Committee, referring for further details to the full report reproduced in document TC/XXV/11.

7. Access to International Data. The Working Party noted document TC/XXV/10 and paragraph 19 of document TC/XXV/11, in which the Technical Committee raised the question which type of information was important for the Working Parties and what would be the benefit of having that information available on-line. It also received a short report on the results of the discussions on that subject in other Working Parties. The Working Party finally concluded its discussions on the subject by confirming its wish to have access on-line, in order to read and to be able to copy parts of information or to receive that information in an electronic form. It would depend on the possibilities of each country which information it would be able to make accessible to others. The information should, if possible, include the whole published gazette.

8. Combined Over-Years (COY) analysis. The Working Party noted that the Technical Committee had definitively approved the COY analysis, including the significance level. However, within its field of competence the Working Party saw only few application possibilities.

9. Amended UPOV Model Forms. The Working Party noted the revision of the UPOV Model for a Report on Technical Examination, the amended UPOV Variety Description, the amended UPOV Interim Report on Technical Examination, the amended UPOV Request for Examination Results and the amended UPOV Technical Questionnaire.

10. Similar Varieties. The Working Party had an extended discussion on the question of the indication of similar varieties. It noted that there was a large difference in the approach to the indication of similar varieties in variety descriptions. While some member States always indicated similar varieties, others did so only in a few cases when the varieties were really close to each other, while others almost never indicated similar varieties, except when it was necessary to avoid confusion. The different views on the usefulness of that part of the variety description did not allow to come to a common proposal.

11. All experts felt the wording of paragraph 16 of the variety description form to be unfortunate. After a long debate, during which the proposal of the TWV for a changed wording was at first supported, the Working Party finally proposed the following heading: "States of Expression of Characteristics and Differences Between the Candidate Variety and (Other) Varieties Used for Comparison."

12. Concerning document TWC/VIII/15 on the Identification of Similar Varieties, the Working Party stated that the methods mentioned were more applicable to quantitative characteristics. The problem in its field of competence was rather how to rank qualitative characteristics. This would be difficult to achieve automatically.

Final Discussions on Draft Test Guidelines

Test Guidelines for Rose (Revision)

13. The Working Party noted that no comments in writing had been received regarding the draft Test Guidelines for Rose (Revision), reproduced in document TG/11/5(proj.). It therefore only made the following main changes in that document:

(i) Material Required: The quantity to be "6 plants (grafted plants with one shoot for glasshouse or one year old plants with at least three shoots for the open), ..."

(ii) Conduct of Tests: The last sentence of paragraph 2 to be deleted.

(iii) Table of Characteristics:

Characteristics

8,9 to have the bracketed content deleted

18 to have the states from "very few" to "very many"

- 19 to be placed after characteristic 47
- 29 to be deleted
- 47 to have the additional example variety "Canary Bird (1)"
- 32 to 41 to have the drawing corrected

(iv) Literature: The expert from The Netherlands to indicate some literature.

Test Guidelines for Carnation (Revision)

14. The Working Party noted that no comments in writing had been received regarding the draft Test Guidelines for Carnation (Revision), reproduced in document TG/25/6(proj.). It therefore only made the following main changes in the Table of Characteristics of that document:

Characteristics

- 1 to have the word "with" replaced by "without"
- 7 the expert from Israel to indicate example varieties
- 8 to have the words "directly below flower" added
- 9 to have the Notes "1, 2"
- 11 to have the Notes "1, 2, 3"
- 13 to have the word "maximum" deleted
- 20 the expert from Israel to indicate example varieties
- 26 to read: "Expicalyx: position of outer leaves in relation to calyx"
- 55 the last state to read: "two, three and four."

Test Guidelines for Norway Spruce

15. The Working Party noted documents TG/96/1(proj.) and TWO/XXIII/8. After having discussed the comments in document TWO/XXIII/8, the Working Party asked the expert from Germany to make further enquiries on how to treat the large number of clones before it would continue discussions on the document.

Test Guidelines for Lachenalia

16. The Working Party noted documents TG/126/2(proj.) and TWO/XXIII/2 and made the following main changes to document TWO/XXIII/2:

- (i) Conduct of Tests: To have the line with "Bulbs to be planted" deleted.
- (ii) Table of Characteristics:

Characteristics

- 7 to have the first word read "angular"
- 20 to have the word "pattern" replaced by "size" with the states "small, medium, large"
- 27 to have the example variety "Louis" corrected
- 34 to have the word "flowers" in the singular
- 35 to be placed after characteristic 33
- 36 to have the words "of fully opened flower" added
- 43 to have the word "segments" in the first case in the singular
- 44 to read: "Flower: extension of stamens" with the states "absent, present"
- 47 to have the second line of the characteristic deleted.

Test Guidelines for Leucadendron

17. The Working Party noted documents TG/127/1(proj.) and TWO/XXIII/3 and made the following main changes to document TWO/XXIII/3:

(i) Methods and Observations:

Paragraph:

- 2 the figures to be "20 parts of 4 plants"
- 6 to start with the words "Unless otherwise indicated"
- 8 to read: "The inner involuclral leaves are those leaves exposed to the floret mass at their base. The outer involuclral leaves are those surrounding them and are implanted on the apical 5 to 10 millimetres of the flowering branch."

(ii) Table of Characteristics:

Characteristics

- 7 to have states 1 and 9 deleted
- 8 to have the states "pale grey, grey brown" deleted
- 9 to read: "Leaf: blade always upright"
- 10 to have the bracketed text read: "leaves with always upright blades excluded"
- 14,39 to have the order of the states inversed
- 18 to have the additional state "purplish"

- 20 to be deleted
- 21 to have at the beginning the additional state "greenish" and to have the word "conspicuous" deleted
- 24 to receive an asterisk
- 28,43,58,60 to have the states "inconspicuous, conspicuous"
- 29 to be deleted
- 30 to have the states "greyish, greenish, yellowish, brownish, reddish, dark red"
- 33 to have the word "strength" replaced by "intensity"
- 35 to have the first state read "incurving to erect"; before this characteristic the following characteristics to be inserted:
- i) "Outer involucre leaf: length"
 - ii) "Outer involucre leaf: width"
 - iii) "Outer involucre leaf: ratio length/width"
- 44,47,49,50 to be deleted
- 49 to read as characteristic 39 but to apply to the outer involucre leaf
- 50 to have the additional state "yellow green" before "yellow"
- 63 to 65 to be divided into leaf, outer involucre leaf and inner involucre leaf
- 64 to have the states "white to cream, yellow green, yellow, orange, red, purplish, brownish", the characteristic for the leaf to have the first state (white to cream) deleted
- 65 to read: "Outer/inner involucre leaf: season of maximum color change (if color change occurs)" and to have the Notes "1, 2, 3, 4"
- 32 to 61 to have the drawing amended for the inner and outer involucre leaf

Test Guidelines for Leucospermum

18. The Working Party noted documents TG/128/1(proj.) and TWO/XXIII/4 and made the following main changes to document TWO/XXIII/4:

(i) Methods and Observations: In paragraph 2 the number of parts should be "20" and in paragraph 8 in line one the words "and diameter" should be deleted.

(ii) Table of Characteristics:

Characteristics

- 7 to have the states "pale grey, grey brown" deleted
- 8 to read: "Leaf: blades always upright"

- 9 the bracketed text to read: "leaves with always upright blades excluded"
- 13 to have the order of states inversed
- 14 to have the words "distal part" replaced by "apex" and to have the Notes "1, 2, 3, 4" and the missing drawing to be included
- 16 the first state to read: "more or less straight"
- 18,35,46,57 to have the states "inconspicuous, conspicuous"
- 19,23,26,36,47,52,53,54,58 to be deleted
- 24 to have the states "yellowish, brownish, reddish"
- 27 to have the word "conspicuous" deleted and to have the additional state "greenish"
- 38 to have the states "always absent (1), sometimes present (2), always present (3)"
- 40 the word "stipe" to be replaced by "narrowed basal part"
- 41 to have a bracketed addition reading: "excluding narrowed basal part"
- 50 to have the words "of apical part" added before "floret" and to have the additional state "brownish (3)"
- 51 to have the word "apical" added before "margin"
- 55 to have the words "at full anthesis" deleted
- 59 to have the additional state "green (1)"
- 67 to have the word "rigidity" replaced by "thickness" and to have the states "thin, medium, thick"
- 68 after this characteristic two new characteristics to be included reading: "Floret: color of middle part of style" with the states as in characteristic 59 except for the state purplish, and "Floret: intensity of color of middle part of style" with the states "light, medium, dark."

Test Guidelines for Ornithogalum

19. The Working Party noted that no comments in writing had been received regarding the draft Test Guidelines for Ornithogalum, reproduced in document TG/131/1(proj.). It therefore only made the following main changes in that document:

(i) Subject of these Guidelines: To apply to "all vegetatively propagated varieties of Ornithogalum, Liliaceae, Hyacinthaceae." The common name also to be Ornithogalum and not Chinchinchee.

(ii) Conduct of Tests: In paragraph 3 to have the line on bulbs deleted; the plant density to be checked by the expert from South Africa; in the part on "Bulb lifting" the last three words to be deleted and in the last but one sentence the second half of the sentence on replicates to be deleted.

(iii) Methods and Observations: Paragraph 4 to be enlarged by the words "and is considered to last until one third of the flowers on the inflorescence have died back." An additional paragraph to be included before paragraph 4 reading: "The observations on the shape in cross section should be made on the middle of the length of the blade."

(iv) Table of Characteristics:

Characteristics

- 12 to have the word "form" replaced by "shape"
- 23 the word "markings" to be in the plural
- 24 the expert from South Africa to check whether a third state should be added
- 33 to have the words "compared to planting time" deleted
- 6 to have the example variety "Rothea (9)"

Test Guidelines for Spathiphyllum

20. The Working Party noted that no comments in writing had been received regarding the draft Test Guidelines for Spathiphyllum, reproduced in document TG/135/1(proj.). It therefore only made the following main changes in that document:

(i) Conduct of Tests: In paragraph 3 the plants per m² should be "20 plants depending on plant size," the temperature "22°C (Minimum night temperature)" and the light "Heavy shading (12.000 to 15.000 Lux)."

(ii) Table of Characteristics: Characteristic 21 should read: "Floret: shape of tip" and should be checked by the expert from The Netherlands. There would be no drawing for this characteristic.

(iii) Example Varieties: The expert from Denmark would indicate more example varieties.

Items for the Technical Working Party on Automation and Computer Programs (TWC)

21. The Working Party noted paragraph 20 of document TC/XXV/11 and document TC/XXV/8 indicating some parameters defining a sample scheme, the role of the sample size and the explanations to the tables in the annex prepared for different acceptance probabilities and population standards. It would take those proposals into account and decide for each species individually which should be used when establishing new or revising existing Test Guidelines. Several experts stressed that there were two different cases to be separated:

- (i) genetically related off-types and
(ii) other ad-mixtures of pure error of the applicant.

These cases should be kept and treated separately. Reference was made to some documents established for that purpose several years ago by the expert from The Netherlands.

22. The Working Party noted document TWO/XXIII/10 on Gazette Entries for Gerbera prepared by the expert from Israel. It would continue its discussions on the possibility of combining lists of varieties of certain species from all UPOV member States during its next session. All experts would study at home the possibilities existing in their office. Documents would be prepared by different experts before March 1, 1991, for Gerbera (IL), Rose and Pelargonium (DE), Carnation (NL), Chrysanthemum (GB) and Lachenalia (ZA). The Working Party would ask the Technical Working Party on Automation and Computer Programs whether it could comment on document TWO/XXIII/10 and assist in the developing of a system to facilitate the transmission of the above data.

Color Observations

23. The Working Party received reports and explanations from the experts from the Federal Republic of Germany and The Netherlands on the joint trials of the Federal Varieties Office of the Federal Republic of Germany and the Registration Group of the Permanent Judgement Committee (VKC) of the Royal Society for Horticulture and Plant Science (KMTP) of The Netherlands, on the use of the chromameter for the measuring of colors. The results were rather promising for quick measurements of colors. The variation was low and the experts hoped to be able to develop a method for more objective observations of colors. The Working Party also noted the plans to hold a subgroup on the measuring of colors in Wageningen (The Netherlands) on January 23 and 24, 1991.

24. The expert from The Netherlands also reported on the beginning of a study on the measurement of colors with image analysis. Here, two separate problems were studied: (i) the observation of colors themselves and (ii) the observation of the pattern of colors.

New Methods, Techniques and Equipment in the Examination of Varieties

25. The Working Party noted documents TC/XXV/4, TC/XXV/9 and paragraphs 38 to 47 of document TC/XXV/11. It furthermore noted circulars U 1485 on new technologies in ornamental crops and U 1587 on reversed phase-HPLC analysis of flavonoides and the biochemical identification of cultivars of evergreen azalea. It had a further exchange of views on the possibilities for new technologies in the area of ornamental species and forest trees. It noted that several member States studied possibilities of electrophoresis. It stressed that a characteristic obtained by electrophoresis should not by itself be used to establish distinctness. The Working Party took the general view that these new methods were not needed for ornamental plants as far as they are used as a sole characteristic for distinctness. It would be dangerous to use them as the case for ornamental plants was different to other species where additional other regulations for the trade existed.

Micropropagation

26. The Working Party noted the extended use of micropropagation in the propagation of plant material. The problem for the testing authorities was how to avoid the effect of remaining chemicals used during micropropagation on the expression of the plant material sent in for testing. The Working Party agreed that, whenever possible, it would ask the applicant to send in plant material which did not come from micropropagation. It was, however, difficult to prove that and in several species micropropagation was the only method of propagation. The Working Party could therefore only closely follow the developments and in cases of doubt would have to do its own propagation.

As micropropagation could cause a higher mutation rate, more plants would be needed in the testing.

Cooperation with Breeders in the Testing of Varieties

27. The Working Party noted circular U 1532 containing information on the Danish pilot project on variety testing done by the breeder and further information on that project given by the Danish expert. It was intended to continue with that project. The experts from the Federal Republic of Germany, Japan and The Netherlands also reported on some experiences with the candidate variety grown on the breeder's premises and observations made by the government authority. Having discussed the different possibilities to involve the breeder in the growing tests, the Working Party reconfirmed that there should be more exchange of information with the breeders. However, the description of the varieties should always be made by the authorities. For certain minor crops, the breeder could grow the plants and the authorities could make the observations on the premises of the breeder.

Minimum Distances Between Varieties

28. Dr. Thiele-Wittig introduced document TWA/XIX/8 Rev. on Technical Issues Arising in Relation to the Revision of the UPOV Convention and especially on minimum distances and the new concept of "essential derivation" proposed to be included in the presently planned revision of the UPOV Convention. He mentioned specifically the different examples included in Annex II to that document and asked the technical experts to study the document at home and to inform their national delegates to the October session of the Administrative and Legal Committee on any different views or additional examples which they considered should be covered by the term "essentially derived." While the majority of the experts agreed that the introduction of that concept was desirable, one expert was strongly against it as, in his opinion, it contained promises to the breeders at present impossible to be kept due to the lack of adequate tools. Concerning the examples, the Working Party expressed its disagreement with the conclusion reached in example 7 (Doubling of chromosome number), while in example 1 also cases of subtraction (-) should be covered.

29. The Working Party noted document TWC/VIII/9 Rev. containing background information on the term "minimum distance"--with the two key notions contained in the UPOV Convention, namely "clearly distinguishable" and "important characteristics"--and on the development from the 2 x 1% method for distinctness up to the application of the Combined Over-Years analysis.

30. The Working Party also noted document TWC/VIII/14 containing some explanations on the statistical aspects of minimum distance between varieties and especially explaining the difference between the concept of minimum difference and least significant difference.

Discussions on Working Papers on Test Guidelines

Test Guidelines for Lily (Revision)

31. The Working Party noted documents TG/59/3, TWO/XXII/5 and TWO/XXIII/5 and the made the following main changes in document TWO/XXIII/5:

(i) Conduct of Test: To have the indications on planting time, soil and plant density deleted.

(ii) Grouping of Varieties: To have the Latin names L. chalcedonicum and L. bulbiferum corrected.

(iii) Table of Characteristics:

Characteristics

- 2 to be placed at the end
- 4 to receive an asterisk
- 4a to have the word "type" replaced by "distribution" and to have the states "even, speckled and striped"
- 14a to have the Notes "1, 2, 3"
- 28 to receive no drawings
- 32 to receive an asterisk
- 33a to have the states "few, medium, many"
- 34 after this characteristic a new characteristic to be inserted reading: "Flower: type" with the states "single (1), double (2)"
- 51a the first state to read "self colored"; the expert from The Netherlands to check whether it could apply to the inner side
- 52 to 64 to have the word "Flower" replaced by "Tepal"
- 52a to have the word "papils" replaced by "papillay"
- 52b,52c,63 to have the words "of tepal" deleted
- 56 to have the word "median" replaced by "main vein"
- 52c,60,61 to be checked by the expert from The Netherlands
- 63 to have the second state read "distal part only"
- 66,67 to have the plural brought into the singular
- 68 the first four states to read "light yellow, yellow, orange, light brown"
- 69 to read: "Stigma: level compared to stamen" with the Notes "1, 2, 3"
- 70 to be placed before characteristic 69

(iv) Literature: The expert from The Netherlands to check the updatings.

(v) Technical Questionnaire: To have characteristic 5.1 deleted.

(vi) Example Varieties: The expert from The Netherlands to indicate further example varieties.

Test Guidelines for Aster

32. The Working Party noted document TWO/XXIII/11 and made the following main changes in that document:

(i) Subject of the Guidelines: To have the family "(Asteraceae)" added.

(ii) Conduct of Tests: To have in paragraph 3 the word "seedlings" replaced by "plugs" and the two lines for "Flowering" combined into one to read: "First flowering should occur in natural season, second flowering after day-length treatment."

(iii) Grouping of Varieties: To have the order of characteristics inversed.

(iv) Table of Characteristics:

Characteristics

- 2 to have the word "Plant" replaced by "Stem" and to have the Notes "3, 5, 7"
- 4 the first state to read "sparse"
- 5 to have the additional states "absent or very weak, very strong"
- 12 the second state to read "wholly dentate"
- 15 the first state to read "spread along axis"
- 17 to be limited to "Flower heads with one or two whorls of ray florets only"
- 18 to be deleted
- 22 to read: "Ray floret: attitude" with the Notes "3, 5, 7"
- 23 to have the states "strongly incurved, incurved, straight, recurved, strongly recurved"
- 24 to have the Notes "3, 5, 7"
- 25 to have the words "shape in" added before "cross section"
- 26 to be split into two characteristics, the first to read: "Ray floret: shape of apex" with the states "acute, rounded"; the second to read: "Ray floret: dentation of margin" with the states "absent, present"
- 28 to apply to the upper side
- 29 to read: "Ray floret: distribution of color" with the states "lighter at tip, even, lighter at base"
- 32 to have the word "maximum" deleted
- 35 to have the word "imbrication" replaced by "overlapping"
- 36,37 to have the word "flowering" replaced by "anthesis of disc florets"

40 to have the word "tip" replaced by "shape of apex"

42 to read: "Stigma: position compared to anthers" with the last state to read: "below anthers"

Test Guidelines for Kangaroo Paws

33. The Working Party noted document TWO/XXIII/9 and made the following main changes in that document:

(i) Subject of the Test Guidelines: To apply to "Anigozanthos Labill. (Haemodoraceae) and their hybrids."

(ii) Material Required: The minimum quantity of material recommended to be "6 young plants, or in case of importation, 12 plantlets in vitro."

(iii) Methods and Observations: To have paragraph 4 deleted.

(iv) Table of Characteristics:

Characteristics

2 to have the states "absent, present"

3,4 to have the figures for the dimensions deleted

4 to have the states "narrow, medium, broad"

5 to have the states "absent (1), slightly curved (2), strongly curved (3)"

6,7 to have the states "absent (1), slightly pubescent (2), strongly pubescent (3)"

9 to read: "Flower: profile of perianth tube" with the Notes "1, 2, 3, 4"

10 to have the plural twice brought into the singular and to have the states "green (1), yellow (2), red (3), black (4)"

11 to have the Notes "1, 2, 3"

12,13 to have the Notes "1, 2, 3, 4,"

14 to have the states "absent (1), slightly reflexed (2), strongly reflexed (3)"

16 to have the words "of tube" added

17 to read: "Inflorescence: number of flowers" and to be placed after characteristic 8

18 to read: "Plant: number of inflorescences" and to be placed after characteristic 1

19 to read: "Flower: number of anthers at top of perianth" with the states "two (2), four (4), six (6)"

- 12 '6
- 20 to have the states "short (3), medium (5), long (7)"
- 21 to have the states "above (1), same level (2), below (3)"
- 22 to read: "Flowering type" with the states "independent of season, seasonal"

Test Guidelines for Rhododendron (Revision)

34. The Working Party noted documents TG/42/3, TWO/XXIII/7 and TWO/XXIII/7 Rev. and the made the following main changes in document TWO/XXIII/7 Rev.:

(i) Subject of these Test Guidelines: "These Test Guidelines apply to those varieties of Rhododendron simsii Planch. (Ericaceae), which are normally grown as pot plants, as well as to hybrids between that species and other species of Rhododendron." The Test Guidelines do not constitute a revision of TG/42/3 and apply only to pot azalea.

(ii) Conduct of Tests: To have the word "white" before "peat" in paragraph 3 deleted.

(iii) Methods and Observations: To have the words "rhododendron varieties" in paragraph 1 replaced by "varieties of pot azalea."

(iv) Table of Characteristics:

Characteristics

- 3 to have the word "maximum" deleted
- 7 to have the order of states inversed and to receive new drawings
- 13 the expert from the United Kingdom to inquire regarding the permission to use the intended drawings
- 14 to read: "Flower: corolla lobe"
- 15 to have the word "flower" replaced twice by "corolla"
- 16 to be placed before characteristic 16
- 21 to have the first state read: "one blotch"
- 23 to have the words "upper side" moved before "corolla lobe"
- 25 to be brought into the singular
- 27 to have the bracketed content deleted

(v) Literature: To receive the publication mentioned under characteristic 13.

(vi) Technical Questionnaire: To have subparagraph 7.2.i deleted.

Status of Test Guidelines

35. The Working Party agreed that the draft Test Guidelines for Rose (Revision), Carnation (Revision), Lachenalia, Leucadendron, Leucospermum, Ornithogalum, and Spathiphyllum should be sent to the Technical Committee for final adoption. The draft Test Guidelines for Norway Spruce, Dieffenbachia and Hydrangea would require further study by the Working Party.

36. The Working Party agreed that the draft Test Guidelines for Lily (Revision) and Pot Azalea should be sent to the professional organizations for comments.

37. The Working Party agreed that the working papers on Test Guidelines for Aster and Kangaroo Paws would require further discussion during its coming session.

Chairmanship

38. As the chairmanship of Mr. Barendrecht (Netherlands) will end with the closing of the next ordinary session of the Council in October 1990, the Working Party unanimously proposed to the Technical Committee that it recommend to the Council that Mrs. E. Buitendag (South Africa) be elected as new Chairman of the Working Party for the next three years. [The Council, during its session on October 18 and 19, 1990, unanimously elected Mrs. E. Buitendag, South Africa as chairman of the Working Party for a term finishing at the end of the ordinary session of the Council in 1993.]

Future Program, Date and Place of Next Session

39. At the invitation of the expert from the United Kingdom, the Working Party agreed to hold its twenty-fourth session in Cambridge, United Kingdom, from June 24 to 28, 1991. It is planned that the following items will be discussed during the coming session of the Working Party:

(i) Short reports on special developments in plant variety protection for ornamental plants and forest trees;

(ii) Important decisions taken during the last sessions of the Technical Working Party, the Technical Committee and during the Diplomatic Conference;

(iii) Final discussions on Draft Test Guidelines for:

- a) Norway Spruce
- b) Dieffenbachia
- c) Hydrangea
- d) Lily (Revision)
- e) Pot Azalea

(iv) Items for the Technical Working Party on Automation and Computer Programs;

(v) Color observations;

(vi) New methods, techniques and equipment in the examination of varieties;

- (x) Discussion on working papers on Test Guidelines for:
- a) Weigela (TWO/XXIII/6)
 - b) Pyracantha (FR to prepare a working paper)
 - c) Aster (TWO/XXIII/11)
 - d) Iris (IL to prepare a working paper)
 - e) Kangaroo Paws (TWO/XXIII/9)
 - f) Gentiana (Japan to prepare a working paper)
 - g) Limonium (Israel to prepare a working paper in collaboration with Japan)
 - h) African Violet (Revision, the Federal Republic of Germany to prepare a working paper)
 - i) Chrysanthemum (Revision, United Kingdom to prepare a working paper)
 - j) Some further native species from Australia (Australia to prepare working papers)

Visits

40. On September 16, the Working Party visited the International Garden and Greenery Exposition in Osaka and attended an International Workshop on the Breeding of Fruit Trees and Ornamental Plants and Plant Variety Protection, with lectures on "Development of Testing Methods for Plant Variety Protection in UPOV" (by Mr. Thiele-Wittig, UPOV), on "New Citrus Varieties Bred through Cell Fusion" (by Dr. I. Oiyama, Chief, Laboratory of Breeding Methods of the Akitsu Branch of the Fruit Tree Research Station of the MAFF) and on "New Developments in Flower Breeding in Japan" (by Mr. A. Ito, Director of the Flower Department of the Takii Plant Breeding and Experiment Station).

41. On September 17 it made an excursion to the Fruit Crop and Ornamental Tree production area in the Mie Prefecture, where it visited a kaki production in Taki-cho and an azalea and phalaenopsis production in Suzuka.

42. On September 18, the Working Party made an excursion to the ornamental tree production area in Kanagawa Prefecture, where it visited the Horticultural Research Station of Kanagawa Prefecture and the experimental fields of Daiichi Plantech Co. Ltd.

43. In the afternoon of September 19, the Working Party heard a lecture by Mr. S. Suda, from the Sakata Seed Corporation, on "Flower Seed Breeding in Japan" followed by a discussion with breeders from Japan on the question of breeding, production and protection of varieties of ornamental plants and the differences between Japan and other member States in that area.

44. This report has been adopted by correspondence.

[Annex follows]

ANNEX

LIST OF PARTICIPANTS AT THE TWENTY-THIRD SESSION OF THE
TECHNICAL WORKING PARTY FOR ORNAMENTAL PLANTS AND FOREST TREES,
TOKYO, JAPAN, SEPTEMBER 16 TO 24, 1990

I. MEMBER STATES

AUSTRALIA

Mr. D.L. THEARLE, Plant Variety Rights Office, Department of Primary
Industries and Energy, G.P.O. Box 858, Canberra, ACT 2601
(tel. (06) 2716451, telex 61289, fax 062 724729)

DENMARK

Mr. P.E. BRANDER, Research Centre for Horticulture, Kirstinebjergvej 10,
5792 Arslev (tel. 65-991766)

FRANCE

Mr. R. SAUNIER, Station de Recherches fruitières, INRA - C.R. Bordeaux,
Domaine de la Grande Ferrade, B.P. 81, 33883 Villenave d'Ornon Cédex
(tel. 56 77 30 81)

GERMANY

Mrs. U. LOESCHER, Bundessortenamt, Osterfelddamm 80, 3000 Hannover 61
(tel. 0511/5704212, fax 0511/563362, telex 9 21 109 bsaha d)

ISRAEL

Mr. B. BAR-TEL, Plant Breeders' Rights Council, Agricultural Research
Organization, Volcani Centre, P.O.B. 6, Bet Dagan 50250
(tel. 9683492, fax (3) 968 3492)

ITALY

Dr. T. SCHIVA, Istituto Sperimentale per la Floricoltura, Corso degli Inglesi
508, 18038 San Remo (Imperia) (tel. 0184 66 72 51, fax (0184) 65971)

JAPAN

- Mr. S. YAMAMOTO, Chief Examiner, Seeds and Seedlings Division, Agricultural Production Bureau, Ministry of Agriculture, Forestry and Fisheries, 1-2-1 Kasumigaseki, Chiyoda-ku, Tokyo (tel. 03-591-0524, fax 03-503-3957)
- Mr. Y. HAYAKAWA, Assistant Director, Seeds and Seedlings Division, Ministry of Agriculture, Forestry and Fisheries, 1-2-1 Kasumigaseki, Chiyoda-Ku, Tokyo (tel. 03-591-0524, fax 03-503-3957)
- Mr. M. AOKI, Examiner, Seeds and Seedlings Division, Agricultural Production Bureau, Ministry of Agriculture, Forestry and Fisheries, 1-2-1 Kasumigaseki, Chiyoda-ku, Tokyo (tel. 03-591-0524, fax 03-503-39517)
- Mr. T. HAYASHI, Examiner, Seeds and Seedlings Division, Agricultural Production Bureau, Ministry of Agriculture, Forestry and Fisheries, 1-2-1 Kasumigaseki, Chiyoda-ku, Tokyo (tel. 03-591-0524, fax 03-503-39517)
- Mr. K. KANAZAWA, Examiner, Seeds and Seedlings Division, Agricultural Production Bureau, Ministry of Agriculture, Forestry and Fisheries, 1-2-1 Kasumigaseki, Chiyoda-ku, Tokyo (tel. 03-591-0524, fax 03-503-3957)
- Mr. I. MAEJIMA, Director, Specific Characteristic Evaluation Division, National Center for Seeds and Seedlings, 2-2 Fujimoto, Tsukuba-Shi, Ibaraki-ken (tel. 0298-38-6585, fax 0298-38-6583)
- Mr. A. NAGAOKA, Examiner, Seeds and Seedlings Division, Agricultural Production Bureau, Ministry of Agriculture, Forestry and Fisheries, 1-2-1 Kasumigaseki, Chiyoda-ku, Tokyo (tel. 03-591-0524, fax 03-503-3957)
- Mr. N. SAITO, Examiner, Seeds and Seedlings Division, Agricultural Production Bureau, Ministry of Agriculture, Forestry and Fisheries, 1-2-1 Kasumigaseki, Chiyoda-ku, Tokyo (tel. 03-591-0524, fax 03-503-3957)
- Mr. T. SASAOKA, Examiner, Seeds and Seedlings Division, Agricultural Production Bureau, Ministry of Agriculture, Forestry and Fisheries, 1-2-1 Kasumigaseki, Chiyoda-ku, Tokyo (tel. 03-591-0524, fax 03-503-3957)
- Mr. T. SHIBA, Examiner, Seeds and Seedlings Division, Agricultural Production Bureau, Ministry of Agriculture, Forestry and Fisheries, 1-2-1 Kasumigaseki, Chiyoda-ku, Tokyo (tel. 03-591-0524, fax 03-503-39517)
- Miss Y. Kimura, Seeds and Seedlings Division, Agricultural Production Bureau, Ministry of Agriculture, Forestry and Fisheries, 1-2-1 Kasumigaseki, Chiyoda-ku, Tokyo (tel. 03-591-0524, fax 03-503-3957)
- Mr. M. YUASA, Examiner, National Center for Seeds and Seedlings, 2-2 Fujimoto, Tsukuba-Shi, Ibaraki-ken (tel. 0298-38-6584, fax 0298-38-6583)
- Mr. T. WATANABE, Seeds and Seedlings Division, Agricultural Production Bureau, Ministry of Agriculture, Forestry and Fisheries, 1-2-1 Kasumigaseki, Chiyoda-ku, Tokyo (tel. 03-591-0524, fax 03-503-3957)
- Mr. T. UEDA, Examiner, National Center for Seeds and Seedlings, 2-2 Fujimoto, Tsukuba-shi, Ibaraki-kem (tel. 0298 38 6584, fax 0298 38 6583)

NETHERLANDS

Mr. C.J. BARENDRECHT, C.R.Z., Postbus 32, 6700 AA Wageningen
(tel. 08370 79342)

NEW ZEALAND

Miss J. APTHORP, Plant Variety Rights Office, Ministry of Commerce, P.O.
Box 24, Lincoln (tel. 03/253-011, fax 03/252-946)

SOUTH AFRICA

Mrs. E. BUITENDAG, Citrus and Subtropical Fruit Research Institute, Private
Bag X11208, Nelspruit 1200 (tel. 1311 52071, telex 335240 SA)

SPAIN

Mr. J.M. ELENA ROSSELLO, Jefe del Registro de Variedades, Instituto Nacional
de Semillas y Plantas de Vivero, José Abascal 56, 28003 Madrid
(tel. 34 1 3476900, telex 47698 INSM E, telefax 34 1 4428264)

SWITZERLAND

Mr. A. REIST, RAC, Centre des Fougères, 1964 Conthey (tel. 027-36 27 22,
fax 027-36 30 17)

UNITED KINGDOM

Mr. A.J. GEORGE, Ornamental Plants Section, NIAB, Huntingdon Road, Cambridge
CB3 0LE (tel. 0223/276381, direct dial 0223/342399, telex 817455 niab g,
fax 0223/277602)

II. OFFICER

Mr. C.J. BARENDRECHT, Chairman

III. OFFICE OF UPOV

Dr. M.-H. THIELE-WITTIG, Senior Counsellor, 34, chemin des Colombettes,
1211 Geneva 20, Switzerland (tel. 022 7309152, telex 412 912 ompi ch,
telefax (041-22) 7335428)