

Technical Working Party for Ornamental Plants and Forest Trees TWO/52/9**Fifty-Second Session**
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PLAVARLIS PROJECT - UPOV CODES*Document prepared by the Office of the Union**Disclaimer: this document does not represent UPOV policies or guidance*

The annex to this document contains a copy of a presentation “Possible developments to enable UPOV codes to provide useful information on variety groups or types for DUS testing purposes”, prepared by an expert from the European Union, to be considered by the fifty-second session of the Technical Working Party for Ornamental Plants and Forest Trees (TWO).

[Annex follows]



Possible developments to enable UPOV Codes to provide useful information on variety groups or types for DUS testing purposes

UPOV TWO

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UPOV code

The UPOV Code is composed of 1 to 3 elements

- Genus name with an alphabetical element of 5 letters
- Second part identifying the species name with an alphabetical element of 3 letters
- Third part sub-specific unit

CODE UPOV	NOMS BOTANIQUES	ANGLAIS
EUPHO_MIL	Euphorbia milii Des Moul. Euphorbia milii Desmoulins; Euphorbia-Milii-Hybridae	Christ's Thorn; Crown of Thorns

UPOV CODE	BOTANICAL NAMES	ENGLISH
CHRYS_ZAW_CLA	Chrysanthemum zawadskii Herbich subsp. coreanum (Nakai) Y. N. Lee X Chrysanthemum zawadskii Herbich subsp. latilobum (Maxim.) Kitag.	

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UPOV code

- Allows the assessment of new variety denominations
- UPOV Codes : [link to the UPOV class](#)
 - *Solanum tuberosum* L. (SOLAN_TUB)
 - *Solanum melongena* L. (SOLAN_MEL)
 - *Solanum lycopersicum* L. (SOLAN_LYC + tomato rootstocks)
 - Ornamental *Solanum* species belong to a different UPOV class



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UPOV code

- Ease the data exchange
- Harmonise information with the **UPOV principal botanical names in databases** :
 1. PLUTO
 2. CPVO Variety Finder
 3. EU DG sante database
 4. National databases
- Address the situation of synonyms in botany in UPOV GENIE database
- Allows managing reference collection, used for variety testing
- Allows accurate searches and results



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UPOV Code

Examination offices in the EU network sometimes entrusted for groups of varieties within a species

Examples :

Rosa L., cut flowers

Rosa L., garden

Rosa L., pot plants

Rosa L., rootstocks



UPOV code = ROSA

⇒ Would be useful to identify the type of variety in databases for the purpose to manage variety collections



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UPOV Code

GENUS_SPE_ZZ1



further element of up to three characters (e.g. ZZ1) indicating a sub-specific unit ("sub-species element") (*Guide to the UPOV Code system*)

- Currently addresses the situation of 'subspecies', 'var' or 'convar' in botany

⇒ Could be used for the purpose to provide useful information on variety groups or types for DUS testing purposes



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UPOV Code

- A few considerations

⇒ Should this grouping be limited to qualitative characteristics?

HORDE_VUL_TWO
HORDE_VUL_SIX

⇒ Should there be only one level of grouping for a given species?

HORDE_VUL_TWW
HORDE_VUL_TWS

TW = two row, W/S = Winter / Spring



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UPOV Code

- A few considerations

⇒ If this system is in place, what would be the meaning of the UPOV code with the grouping element missing ?

HORDE_VUL

➤ information about grouping not available? (eg old variety)

➤ A variety could belong to two groups? (eg Winter / Spring, depending on countries)



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UPOV Code

- A few considerations
 - ⇒ Various purposes of the UPOV code to be kept in mind
 - Analysis of denominations, UPOV classes
 - Use of the UPOV code by other relevant organisations
 - use of UPOV code in other databases relevant for UPOV members
 - ⇒ Depending on the situation, information on variety grouping could be provided by other tools



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Thank you for your attention



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