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INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS
GENEVA

**TECHNICAL WORKING PARTY
FOR
FRUIT CROPS**

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UPOV INFORMATION DATABASES

Document prepared by the Office of the Union

1. The purpose of this document is to provide an update on developments concerning the GENIE database (GENIE), the UPOV Code System, and the Plant Variety Database (UPOV-ROM).

Abbreviations

| | |
|---------|--|
| CAJ: | Administrative and Legal Committee |
| TC: | Technical Committee |
| TC-EDC: | Enlarged Editorial Committee |
| TWP: | Technical Working Party |
| TWA: | Technical Working Party for Agricultural Crops |
| TWC: | Technical Working Party on Automation and Computer Programs |
| TWF: | Technical Working Party for Fruit Crops |
| TWO: | Technical Working Party for Ornamental Plants and Forest Trees |
| TWV: | Technical Working Party for Vegetables |
| WG-PVD: | <i>Ad hoc</i> Working Group on the Publication of Variety Descriptions |
| WG-VD: | <i>Ad hoc</i> Working Group on Variety Denominations |

GENIE

2. It is recalled that GENIE is being developed to provide, for example, online information on the status of protection (see document C/38/6), cooperation in examination (see document C/38/5), experience in DUS testing (see document TC/41/4), and existence of UPOV Test Guidelines (see document TC/41/2) for different GENera and specIEs (hence GENIE), and will also be used to generate the relevant Council and TC documents concerning that information. In addition, GENIE is the repository of the UPOV codes and will be used to provide the botanical names, common names and variety denomination class for the purposes of the Plant Variety Database.

3. The prototype GENIE in Microsoft Access format has now been populated with all available UPOV codes and corresponding information relating to the documents mentioned above. Initially, the intention was to launch GENIE on the UPOV website at this stage. However, because there are so many types of information contained within GENIE, it has become apparent that the design of the user interface (e.g. site navigation, query options, printable reports, downloads, etc.) is very important for its usability. It was also recognized that it would be very difficult to make any further modifications once the web-based version of GENIE has been designed and implemented. Therefore, an advanced prototype, mimicking a web-based version, is being evaluated by the Office of the Union (hereinafter referred to as the "Office") for its suitability in response to requests for information received by the Office, before a commitment is made to the design of the web-based version. That prototype was demonstrated at the forty-first session of the Technical Committee (TC), held in Geneva, from April 4 to 6, 2005, and at the fifty-first session of the Administrative and Legal Committee (CAJ), held in Geneva on April 7, 2005.

4. In response to a question raised at the forty-first session of TC, the Office has confirmed that the GENIE database could be expanded to include other languages, in addition to the UPOV languages. However, it was explained that it could not make any commitment with regard to the resources which would be necessary for such a development.

UPOV CODE SYSTEM

5. The TC, at its fortieth session held in Geneva from March 29 to 31, 2004, agreed to the inclusion of UPOV codes in GENIE on the basis of document TC/40/6-CAJ/49/4. However, the TC noted that there were certain codes which required checking before their inclusion and that further consideration of coding of intergeneric and interspecific hybrids and "multiple ranked names" was required before the completion of GENIE could be achieved. The developments with regard to those and other aspects of the UPOV Code System are explained below.

Intergeneric and Interspecific Hybrids

6. The TC, at its forty-first session, agreed the following approach to address hybrid genera and species: A new genus (or species) formed as a hybrid between other genera (or species) will be given a new UPOV code. However, in the web-based version of the Plant Variety Database, a link will be made between the parent genera (or species) and the new

hybrid. Thus, when searching, it will be possible to search on a UPOV code, but to automatically receive the results on all related codes:

Example: Hybrid genus formed between *Satureja* L. and *Hesperozygis* Epling.

| <u>Genus</u> | <u>UPOV Code</u> |
|--|-----------------------------------|
| <i>Satureja</i> L. | SATUR (linked to SAHSP) |
| <i>Hesperozygis</i> Epling. | HSPRZ (linked to SAHSP) |
| <i>Satureja</i> L. x <i>Hesperozygis</i> Epling. | SAHSP (linked to SATUR and HSPRZ) |

A search on “SATUR” (*Satureja* L.) would automatically provide all varieties of *Satureja* L. and the hybrid genus *Satureja* L. x *Hesperozygis* Epling. A search on “HSPRZ” (*Hesperozygis* Epling.) would automatically provide all varieties of *Hesperozygis* Epling. and the hybrid genus *Satureja* L. x *Hesperozygis* Epling. A search on “SAHSP” (*Satureja* L. x *Hesperozygis* Epling.) would provide all varieties of *Satureja* L., *Hesperozygis* Epling. and the hybrid genus *Satureja* L. x *Hesperozygis* Epling. It should be noted that, because the hybrid genus (*Satureja* L. x *Hesperozygis* Epling.) is treated as a new genus, *Satureja* L., *Hesperozygis* Epling. and *Satureja* L. x *Hesperozygis* Epling. are all placed in different variety denomination classes under the general rule of one genus, one class.

7. Annex I to this document provides an example of how the information on linked codes is presented in a report generated from GENIE. The relationship is shown as “parent” (e.g. SATUR and HSPRZ above) and “hybrid” (e.g. SAHSP above). It should be noted that the UPOV codes currently distinguish between two hybrids produced using the same parents, but with the male and female parents reversed, e.g.:

PRUNU_ DPE: Prunus davidiana (PRUNU_ DAV) x Prunus persica (PRUNU_ PER)

PRUNU_ PDA: Prunus persica (PRUNU_ PER) x Prunus davidiana (PRUNU_ DAV).

However, in the example above, both PRUNU_DPE and PRUNU_PDA are linked to PRUNU_DAV and PRUNU_PER.

8. Linkages are only used for “hybrids” which are not taxonomically recognized as genera or species in their own right. Thus, *Agrotriticum* is a “hybrid” between *Agropyron* and *Triticum*, but it is botanically recognized and, therefore, no linkages are made for these codes.

9. It should be noted that the facility for using linked codes can be incorporated into the web-based version of the Plant Variety Database, but it will not be possible for such linkages to be incorporated into the current CD-ROM version.

Multiple-Ranked Names: Brassica and Beta

10. In accordance with the approach reported to the Technical Working Parties in 2004, the Office, in conjunction with the chairmen of the TC, the TWA and the TWV, developed a proposal for UPOV codes in *Beta* and *Brassica* which was agreed by the TC at its forty-first session. In that approach, the codes are based on a grouping classification for part of the *Beta* and *Brassica* genera. Thus, a grouping classification will be used for codes within *Beta vulgaris* and part of *Brassica oleracea*. To indicate that a grouping classification is being

used for those two species, the first letter of the third element of the code will start with “G”. A summary of the structuring of the species is presented below:

| <i>UPOV CODE</i> | <i>BOTANICAL NAME</i> | <i>COMMON NAME</i> |
|----------------------|--|------------------------|
| BETAA_VUL | Beta vulgaris L. | |
| BETAA_VUL_GV | Beta vulgaris L. ssp. vulgaris | Beet |
| BETAA_VUL_GVA | Beta vulgaris L. ssp. vulgaris var. alba DC. | Fodder beet |
| BETAA_VUL_GVC | Beta vulgaris L. ssp. vulgaris var. conditiva Alef. | Beetroot |
| BETAA_VUL_GVF | Beta vulgaris L. ssp. vulgaris var. flavescens DC. | Leaf beet |
| BETAA_VUL_GVS | Beta vulgaris L. ssp. vulgaris var. saccharifera Alef. | Sugar beet |
| BRASS_OLE_GA | Brassica oleracea L. convar. acephala (DC.) Alef. | Kale |
| BRASS_OLE_GAM | Brassica oleracea L. convar. acephala (DC.) Alef. var. medullosa Thell. | Marrow-stem kale |
| BRASS_OLE_GAR | Brassica oleracea L. var. ramosa DC. | Catjang |
| BRASS_OLE_GAS | Brassica oleracea L. convar. acephala (DC.) Alef. var. sabellica L. | Curly kale |
| BRASS_OLE_GAV | Brassica oleracea L. convar. acephala (DC.) Alef. var. viridis L. | Fodder kale |
| BRASS_OLE_GB | Brassica oleracea L. convar. botrytis (L.) Alef. | |
| BRASS_OLE_GBB | Brassica oleracea L. convar. botrytis (L.) Alef. var. botrytis | Cauliflower |
| BRASS_OLE_GBC | Brassica oleracea L. convar. botrytis (L.) Alef. var. cymosa Duch. | Broccoli |
| BRASS_OLE_GC | Brassica oleracea L. convar. capitata (L.) Alef. var. capitata (L.) Alef. | Cabbage |
| BRASS_OLE_GCA | Brassica oleracea L. convar. capitata (L.) Alef. var. capitata L. f. alba DC. | White cabbage |
| BRASS_OLE_GCR | Brassica oleracea L. convar. capitata (L.) Alef. var. capitata L. f. rubra (L.) Thell. | Red cabbage |
| BRASS_OLE_GCS | Brassica oleracea L. convar. capitata (L.) Alef. var. sabauda L. | Savoy cabbage |
| BRASS_OLE_GGM | Brassica oleracea L. convar. oleracea var. gemmifera DC. | Brussels sprout |
| BRASS_OLE_GGO | Brassica oleracea L. convar. acephala (DC.) Alef. var. gongylodes L. | Kohlrabi |

Variety types

11. While developing GENIE, it became apparent that it may be useful to be able to identify types within a genus or species. Thus, for example, in the case of apple there are separate Test Guidelines for fruit varieties (TG/14), for rootstock varieties (TG/163) and for ornamental varieties (TG/192). Also, when providing information for the “List of species in which practical knowledge has been acquired or for which national test guidelines have been established” (see document TC/41/4), authorities have sometimes indicated that their experience only relates to certain types of variety. The basis of the UPOV code is a “vertical” botanical classification and, therefore, the UPOV code is limited in its scope to differentiate, in a “horizontal” way, types of variety (e.g. fruit varieties and ornamental varieties) which have a different botanical classification. However, it is possible to provide notes indicating this additional information and it would also be possible within GENIE to identify such “types” within a code. Thus, if types are created within a UPOV code within GENIE, it would be possible to search “MALUS” for all information related to apple, but also to refine the search, for example for all information which is specifically indicated as relating to fruit varieties only. That facility could also be incorporated into the web-based version of the Plant Variety Database, although it will not be possible for it to be incorporated into the current CD-ROM version.

Use of UPOV Codes when contributing data to Plant Variety Database (UPOV-ROM)

12. The TC agreed, at its fortieth session, that members of the Union and other contributors should be encouraged to start to use the UPOV codes when contributing data to the UPOV-ROM as soon as GENIE was made available on the UPOV website and agreed that, in the first instance, such use would be optional.

13. As explained in paragraph 3, a prototype GENIE has been developed and is being used by the Office, but it is not envisaged that it will be launched on the UPOV website before the end of 2005. However, the necessary information on UPOV codes is already available and a test-run has been undertaken with the Community Plant Variety Office (CPVO) as a part of the cooperation in the development and maintenance of the UPOV web-based Plant Variety Database and the CPVO Centralized Database on Variety Denominations (CPVO database).

14. The TC, at its forty-first session, and the CAJ, at its fifty-first session, agreed that the UPOV codes, together with their relevant botanical and common names, variety denomination class and any linked hybrid/parent UPOV codes, as contained in the GENIE database, should be published on the first restricted area of the UPOV website for use by contributors to the UPOV-ROM. The information will be published in the form of downloadable Excel spreadsheets, similar to the following tables:

Spreadsheet 1: UPOV code list (one line per UPOV code)

| <i>UPOV code</i> | <i>Principal Botanical Name</i> | <i>Variety Denomination Class</i> |
|------------------|------------------------------------|-----------------------------------|
| ABELI | Abelia R. Br. | ABELI |
| ABELI_GRA | Abelia x grandiflora Rehder | ABELI |
| ABELM | Abelmoschus | ABELM |
| ABELM_ESC | Abelmoschus esculentus (L.) Moench | ABELM |
| ABIES | Abies Mill. | Class 19 |
| ABIES_ALB | Abies alba Mill. | Class 19 |
| etc. | | |

Spreadsheet 2: Full list of names by UPOV code

| <i>UPOV code</i> | <i>Language</i> | <i>Name</i> |
|------------------|-----------------|------------------------------------|
| ABELI | Latin | Abelia R. Br. |
| ABELI | English | Abelia |
| ABELI | French | Abelia |
| ABELI | German | Abelia |
| ABELI | Spanish | Abelia |
| ABELI_GRA | Latin | Abelia x grandiflora Rehder |
| ABELM | Latin | Abelmoschus |
| ABELM_ESC | Latin | Abelmoschus esculentus (L.) Moench |
| ABELM_ESC | Latin | Hibiscus esculentus L. |
| ABELM_ESC | English | Gombo |
| ABELM_ESC | French | Ambrette |
| ABELM_ESC | German | Okra |
| ABELM_ESC | Spanish | Okra |
| etc. | | |

Spreadsheet 3: Hybrid and linked codes

| <i>Hybrid UPOV Code</i> | <i>Parent UPOV Code</i> |
|-------------------------|-------------------------|
| AMARA_HCR | AMARA_CRU |
| AMARA_HCR | AMARA_HYP |
| BORON_HME | BORON_HET |
| BORON_HME | BORON_MEG |
| BRCHY_ACU | BRCHY_ASC |
| BRCHY_ACU | BRCHY_CUR |
| etc. | |

15. The spreadsheets will be updated on a regular basis, with notification of the updating being sent by e-mail to all UPOV-ROM contributors, and a summary of changes to the previous versions also being provided in the form of an Excel spreadsheet.

16. In addition to the spreadsheets above, which are intended to provide data in a manageable form for downloading into a database, two consolidated reports obtained from GENIE will be presented in 'pdf' format for general reference. Examples of extracts of those reports are presented as Annexes II and III. Annex II is an example of a report produced in UPOV code order providing information on the UPOV codes and their associated botanical and common names and variety denomination class. Annex III presents the genera and species within GENIE listed by variety denomination class.

17. In order to facilitate the use of UPOV codes by contributors to the UPOV-ROM, it was agreed that the Office should explain to members of the Union and other contributors the way in which the UPOV codes will be made available and how to incorporate them into their UPOV-ROM data. It was recognized that some contributors may wish to receive assistance in the process of introducing UPOV codes for their UPOV-ROM data. The Office is currently assessing two possible forms of assistance:

(a) Initial assistance

At the point at which a contributor indicates their intention to start using the UPOV code in their UPOV-ROM data, the Office would take the most recent batch of data provided by the contributor concerned (initial batch) and return that data to the contributor with the relevant UPOV codes. For future submissions, the contributor would only have to identify the UPOV codes for genera and species not already provided with a code in the initial batch.

(b) Full assistance

The contributor would continue submitting data without the UPOV code. The Office would attribute all the relevant UPOV codes on receiving the data.

18. The scope for the Office to provide the type of assistance set out above will depend on the number of contributors requesting such assistance and the possibility to automate the allocation of UPOV codes to genera and species. In that respect, the Community Plant Variety Office (CPVO) is developing a tool for the automation of UPOV code allocation and has agreed to share that tool with the Office and members of the Union. Once available, such a tool would be made available on the UPOV website.

Checking of Codes

19. Subsequent to the checking of UPOV codes by the TC and TWPs in 2004, there has been a need to introduce some new codes and also to amend certain codes. In accordance with the procedure for the introduction and amendment of codes as agreed by the TC at its fortieth session, reproduced as Annex IV to this document, the relevant codes to be checked by the TWF are listed in Annex V.

20. Annex V contains three parts: Part A provides an explanation of the information provided and some guidance on how to check the code amendments. Part B provides a table of amendments which all experts are requested to check. Part C provides for relevant individual authority experts the UPOV codes and information they are specifically requested to check. The basis for including the codes in Part B or Part C is explained below.

21. In order to clarify the situation for the checking of UPOV codes for the future the Office would like, in conjunction with the Technical Working Parties, to develop some guiding criteria to be approved by the TC. Those criteria might be:

(a) Checking TWP(s)

The Office to determine the relevant Technical Working Party(ies) for checking each UPOV code on the basis of available information.

(b) Checking by all authority(ies) (Part B of Annex V)

All the experts of the relevant TWP(s) to be invited to check the UPOV codes where:

(i) many authorities (e.g. 10 or more) have experience in DUS testing (based on GENIE database / document TC/41/4), have provided interested experts in the drafting of relevant Test Guidelines and/or have protected varieties (based on Plant Variety Database (UPOV-ROM)); or

(ii) they concern genera or species for which a wide review is considered appropriate by the Office (e.g. because it concerns a proposal for a species or sub-species not previously recognized within the genus, or a proposal for restructuring of the UPOV code).

(c) Checking by specific authority(ies) (Part C of Annex V)

In cases not covered by (b) above, the experts of the relevant TWP(s) of specific authorities to be invited to check the UPOV codes. The specific authorities being those which have practical DUS testing experience, have provided interested experts in the drafting of relevant Test Guidelines, or which have granted protection for varieties covered by the relevant UPOV code.

PLANT VARIETY DATABASE

22. As explained in document TWF/35/3, a factor which was taken into account in the program to improve the Plant Variety Database was the project for a centralized database on variety denominations being undertaken by the CPVO. That project is intended to develop a web-based database for variety denomination examination purposes, but relies on a database of information which will be essentially the same as that of the UPOV Plant Variety Database. It was recognized that there would be mutual benefit if both parties cooperated in the work and a Memorandum of Understanding for cooperation in the development and maintenance of a UPOV web-based Plant Variety Database and the CPVO database in a way which would minimize the overall cost of development of software and maintenance of data, maximize the completeness of the UPOV and CPVO databases, and secure compatibility of both databases, was signed in October 2004. Some of the key aspects of the Memorandum of Understanding were presented in document TWF/35/3.

23. The TC, at its fortieth session, and the CAJ, at its forty-ninth session, agreed that, in the light of developments concerning a web-based Plant Variety Database, the short-term improvements initially planned for the UPOV-ROM should not be pursued. However, it was agreed that training for the purposes of contributing data to the Plant Variety Database and for its use should go ahead. The Office explained that the UPOV-ROM would continue to be produced on the current basis and would not be discontinued without further consultation.

24. In response to the discussions at the fortieth session of the TC and forty-ninth session of the CAJ and, in particular, the wish that the Plant Variety Database should continue to be produced in its current UPOV-ROM format for the foreseeable future, even if a web-based version is developed alongside, the Office has reviewed its planned program. Instead of focussing work on the development of the new web-based media, priority is now being focussed on improvements which can equally be realized in the UPOV-ROM format, namely:

(a) introduction of the UPOV code: proposals are set out in paragraphs 12-18 above;

(b) improving the ease of contributing data to the UPOV-ROM: the Office is developing a data submission table which will provide all the necessary information for the UPOV-ROM and which will not require contributors themselves to convert their data into the TAG format. As soon as that table is finalized, contributors will be informed and the table will be provided on the first restricted area of the UPOV website;

(c) providing training in the use of the UPOV-ROM: Information on the use of the UPOV-ROM and how to contribute data is now being included in the Workshop on Data Handling, which is occasionally offered in conjunction with the TWC sessions. A copy of the lecture provided at the workshop held in Beijing from June 9 to 11, 2004, can be found on the UPOV website at: http://www.upov.int/en/publications/pdf/upov_data_bei_04_11.pdf.

25. The schedule for the development of an initial prototype of the web-based Plant Variety Database will depend on the resources needed to advance the three priorities set out above. In particular, the level of assistance needed for contributors in relation to the introduction of the UPOV code will determine how quickly it will be possible to start working on the web-based Plant Variety Database. If possible, a prototype will be presented at the forty-second session of the TC and the fifty-third session of the CAJ, together with proposals concerning the fields to be included and proposals for which fields might be considered to be mandatory, as requested by the TC at its fortieth session. The frequency of updating of the web-based Plant

Variety Database will be considered in conjunction with the presentation of the prototype together with consideration of the establishment of links to relevant websites for variety denomination checking purposes. In relation to the possibilities for manual inputting of data from printed gazettes, the TC has noted that improving the ease of contributing data, through the possibility of submitting data in a table format, is likely to increase the number of countries contributing data and that it will be appropriate to assess the need for manual input of data at a later stage.

26. Experts from the relevant authorities are invited to check amendments to UPOV codes in GENIE, as set out in Annex V (see paragraph 20);

[Annex I follows]

EXTRACT**UPOV : GENIE Application**
List of UPOV codes with hybrid links

| UPOV Code: | Hybrid: | Parent: | Botanical name: | English: | French: | German: | Spanish: |
|------------|-----------|------------------------|--|---|--|---------------------|---|
| AGROS_CAN | AGROS_SCA | | + * <i>Agrostis canina</i> L. | Velvet Bent | <i>Agrostis des chiens</i> | Hundsstraußgras | Agróstide canina Agróstide de perro Agróstide perruna |
| AGROS_SCA | | AGROS_CAN AGROS_STO | + <i>Agrostis stolonifera</i> L. x <i>A. canina</i> L. | | | | |
| AGROS_STO | AGROS_SCA | | + * <i>Agrostis stolonifera</i> L. <i>Agrostis palustris</i> Huds. | Creeping Bent | <i>Agrostide blanche</i> <i>Agrostide stolonifère</i> | FlechtstrauRgras | Agróstide estolonifera |
| AMARA_CRU | AMARA_HCR | | + * <i>Amaranthus cruentus</i> L. <i>Amaranthus paniculatus</i> L. | Slim Amaranth | <i>Amarante paniculée</i> | Bastardfuchsschwanz | Achita Moco de pavo |
| AMARA_HCR | | AMARA_CRU AMARA_HYP | + <i>Amaranthus hypocondriacus</i> L. x <i>Amaranthus cruentus</i> L. | | | | |
| AMARA_HYP | AMARA_HCR | | + <i>Amaranthus hypocondriacus</i> L. | Prince's-feather | | Trauer-Fuchsschwanz | Alegria |
| BORON_HET | BORON_HME | | + <i>Boronia heterophylla</i> F. Muell. | Red Boronia | | | |
| BORON_HME | | BORON_HET BORON_MEG | + <i>Boronia heterophylla</i> x <i>Boronia megastigma</i> | | | | |
| BORON_MEG | BORON_HME | | + <i>Boronia megastigma</i> Nees ex Bartl. | Brown boraria Scented boraria Sweet boraria | | | Boronia |
| BRASS_RAP | RAPBR_SRA | | + * <i>Brassica rapa</i> L. | | | | |
| BRCHY_ACU | | BRCHY_ASC BRCHY_CUR | + <i>Brachyscome ascendens</i> x <i>curvicarpa</i> | | | | |

[Annex II follows]

EXTRACT

UPOV : GENIE Application
List of UPOV codes (including variety denomination class)

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| UPOV Code: | Variety Denomination Class: | Botanical name: | English: | French: | German: | Spanish: |
|-------------------|------------------------------------|---|-----------------|----------------|----------------|-----------------|
| ABELI | ABELI | + Abelia R. Br. | Abelia | Abelia | Abelia | Abelia |
| ABELI_GRA | ABELI | + Abelia x grandiflora Rehder | | | | |
| ABELM | ABELM | + Abelmoschus | | | | |
| ABELM_ESC | ABELM | + * Abelmoschus esculentus (L.) Moench Hibiscus esculentus L. | Gombo | Ambrette | Okra | Okra |
| ABIES | Class 19 | + * Abies Mill. | Fir | Sapin | Tanne | Abeto |
| ABIES_ALB | Class 19 | + * Abies alba Mill. | | | | |
| ABIES_AMA | Class 19 | + * Abies amabilis Douglas ex J. Forbes | | | | |
| ABIES_BAL | Class 19 | + * Abies balsamea (L.) Mill. | | | | |
| ABIES_CEP | Class 19 | + * Abies cephalonica Loudon | | | | |
| ABIES_CIL | Class 19 | + * Abies cilicica (Antoine & Kotschy) Carriere | | | | |
| ABIES_CON | Class 19 | + * Abies concolor (Gordon & Gland.) Lindl. ex F. H. Hildebr. | | | | |
| ABIES_FIR | Class 19 | + * Abies firma Siebold & Zucc. | | | | |
| ABIES_FRA | Class 19 | + * Abies fraseri (Pursh) Poir. | | | | |
| ABIES_GRA | Class 19 | + * Abies grandis (Douglas ex D. Don) Lindl. | | | | |
| ABIES_HOM | Class 19 | + * Abies homolepis Siebold & Zucc. | | | | |
| ABIES_LAS | Class 19 | + * Abies lasiocarpa (Hook.) Nutt. | | | | |

[Annex III follows]

EXTRACT**UPOV : GENIE Application**
List of UPOV codes arranged by variety denomination class

| Variety Denomination Class: | UPOV Code: | Botanical Name: |
|-----------------------------|---------------|-----------------------------------|
| [Divided] | BETAA | Beta L. |
| | BETAA_VUL | * Beta vulgaris L. |
| | BRASS | Brassica L. |
| | BRASS_RAP | * Brassica rapa L. |
| | CUCUM | Cucumis L. |
| | HLNTS | Helianthus L. |
| | LUPIN | Lupinus L. |
| | NICOT | Nicotiana L. |
| | SOLAN | Solanum L. |
| | VICIA | Vicia L. |
| Class 1 | AVENA | Avena L. |
| | AVENA_BAR | * Avena barbata Pott ex Link |
| | AVENA_FAT | * Avena fatua L. |
| | AVENA_NUD | * Avena nuda L. |
| | AVENA_SAT | * Avena sativa L. |
| | AVENA_SAT_BYZ | Avena byzantina K. Koch |
| | AVENA_STR | * Avena strigosa Schreb. |
| | HORDE | Hordeum L. |
| | HORDE_JUB | * Hordeum jubatum L. |
| | HORDE_MUR | * Hordeum murinum L. |
| | HORDE_SPO | * Hordeum spontaneum K. Koch |
| | HORDE_VUL | Hordeum vulgare L. |
| | HORDE_VUL_VUL | Hordeum vulgare L. subsp. vulgare |
| | SECAL | Secale |

[Annex IV follows]

PROCEDURE FOR THE INTRODUCTION
AND AMENDMENT OF UPOV CODES

The Technical Committee, at its fortieth session held in Geneva from March 29 to 31, 2004 (see document TC/40/10, paragraph 17), agreed to the following procedure for the introduction and amendment of codes:

(1) Responsibility for the UPOV Code System

The Office is responsible for the UPOV Code System and the individual codes.

(2) Repository of UPOV Codes

The definitive collection of UPOV codes exists exclusively in the GENIE database.

(3) Introduction of New UPOV Codes / Amendments to UPOV Codes

(a) In the first instance, the Office will draft a code on the basis of the Germplasm Resources Information Network (GRIN) database, or other suitable references if the species concerned are not included in the GRIN database.

(b) Where the Office is aware of relevant experts for the genus or species concerned, or is advised of such experts, for example by the proposer of a new code, it will, wherever possible, check its proposals with those experts before creating the code.

(c) New codes might be proposed by any party, but it is expected that the majority of proposals will be made by contributors to the Plant Variety Database. Where the Office receives such proposals, it will respond by updating the GENIE database with the new codes in a timely manner and, in particular, will seek to ensure that new codes are available to allow their use for the forthcoming edition of the Plant Variety Database. In addition, the Office will add new codes where it identifies a need.

(d) In general, amendments to codes will not be made as a result of taxonomic developments unless these result in a change to the genus classification of a species. The UPOV recommendations on variety denominations are based on the general principle that, unless the list of classes applies, all taxonomic units which belong to the same genus are closely related. Therefore, it is important that the first element of the code can be used to sort species into the correct genus. The codes will also be amended if there are consequences for the content of a variety denomination class where the list of classes applies. Amendments to UPOV codes will be handled by the same procedure as the introduction of new codes as in paragraphs (a) and (b), above. However, in addition, all members of the Union and contributors of data to the Plant Variety Database will be informed of any amendments.

(e) New and amended codes will be presented to the relevant TWP(s) for comment at their first available session. If the TWP recommends any change, this will be treated as an amendment according to paragraph (d), above.

(4) Updating of Information Linked to UPOV Codes

(a) UPOV codes might need to be updated to take account of, for example, changes in taxonomic classification, new information on common names, etc. In the case of changes of taxonomic classification, this might, although it is emphasized that this is not necessarily the case (see section (3)(d), above), result in a need to change the UPOV code. In such cases, the procedure is as explained in section (3), above. In other cases, the Office will amend the information linked to the existing code as appropriate.

(b) The TC, the TWPs and individual communications from members and observers of these bodies will be the principal routes by which the Office will update its information.

[Annex V follows]

ANNEX V – Part A

GUIDANCE FOR CHECKING UPOV CODE AMENDMENTS
IN PARTS B AND C

The information in Parts B and C is presented in the form of amendments to previous UPOV codes or information (e.g. botanical name, common name, etc.) linked to those UPOV codes.

As a first step, it is recommended to refer to the summary report of information on UPOV codes “Summary report 1 (pdf): UPOV codes with names and denomination class” (an extract is provided in Annex II for illustrative purposes), which is available on the UPOV website at http://www.upov.int/restrict/en/upov_rom_upov_code_system/index.htm, with regard to the UPOV code to be checked. For example, if the amendments relate to “ALLIU_RAM”, go to the relevant page in the summary report to see all the information linked to that code. The information in the summary report will contain the current information in GENIE **after** all the amendments which are specified in Part B or Part C have been made.

The next step is to review the amendments specified in Parts B or C and consider if they were appropriate. The following clarifies the information provided in the tables:

Checking authorities: this indicates all authorities which are invited to check that UPOV code amendment.

UPOV code: the UPOV code for which an amendment has been made.

Field name: this indicates the type of information which has been amended e.g. “GENIE name / English” means that there has been an amendment concerning the English name(s) associated with that UPOV code.

Principal botanical name: the principal botanical name is the botanical name on which the UPOV code is based e.g. the principal botanical name of LYCOP_ESC_ESC is *Lycopersicon esculentum* Mill. var. *esculentum*. Synonyms e.g. *Lycopersicon lycopersicum* (L.) H. Karst. may exist in GENIE and will be shown in the summary report of information provided on the website. The principal botanical name has been created to allow a single line print-out for each code in order to save space.

Action: the action specifies the type of modification, i.e. whether it is the “creation” of an addition to the field (e.g. new French common name), a “modification” (e.g. to correct a spelling mistake), or a “deletion”. In some cases there can be a string of actions which result in only a single change or even no change. e.g. on the basis of a proposal, a name might be modified, but then, after further comments, modified back to the original name. It is for this reason that experts are invited to check the summary report of information in order to see clearly the final outcome.

Old value: in the case of modifications and deletions this shows the entry before the modification or deletion.
The words “true” and “false” are used in some cases to identify changes. For example, the entry for CTRLS_LAN in Part B shows “False” under the OLD value for Citrullus lanatus (Thunb.) Matsum. & Nakai as the “Default name” and “True” as the NEW value. This indicates that Citrullus lanatus (Thunb.) Matsum. & Nakai was previously not the default name but has become the default name.

New value: this shows the new information after the amendment.

[Annex V – Part B follows]

ANNEX V - Part B

AMENDMENTS TO UPOV CODES TO BE CHECKED BY ALL EXPERTS

ALL COUNTRIES

| Checking Authorities | UPOV Code | Field name | Principal botanical name | Action | Old value | New value |
|----------------------|---------------|--------------------------|--|--------------|---|---|
| [ALL] | PRUNU_DOM_INS | UPOV code name / Latin | <i>Prunus domestica</i> L. subsp. <i>insititia</i> (L.) C. K. Schneid. | Modification | <i>Prunus domestica</i> L. x <i>Prunus insititia</i> L. | <i>Prunus domestica</i> L. x <i>P. insititia</i> L. |
| [ALL] | VACCI_SIM | UPOV code | <i>Vaccinium simulatum</i> Small | Creation | | VACCI_SIM |
| [ALL] | VACCI_SIM | Genus code | <i>Vaccinium simulatum</i> Small | Creation | | VACCI |
| [ALL] | VACCI_SIM | Species code | <i>Vaccinium simulatum</i> Small | Creation | | SIM |
| [ALL] | VACCI_SIM | Denomination class | <i>Vaccinium simulatum</i> Small | Creation | | VACCI |
| [ALL] | VACCI_SIM | UPOV code name / Latin | <i>Vaccinium simulatum</i> Small | Creation | | <i>Vaccinium simulatum</i> Small |
| [ALL] | VACCI_VIT | UPOV code name / English | <i>Vaccinium vitis-idaea</i> L. | Creation | | Mountaincranberry |
| [ALL] | VACCI_VIT | UPOV code name / English | <i>Vaccinium vitis-idaea</i> L. | Creation | | Rock cranberry |
| [ALL] | VACCI_VIT | UPOV code name / English | <i>Vaccinium vitis-idaea</i> L. | Creation | | Lingonberry |
| [ALL] | VACCI_VIT | UPOV code name / English | <i>Vaccinium vitis-idaea</i> L. | Creation | | Lingon |
| [ALL] | VACCI_VIT | UPOV code name / English | <i>Vaccinium vitis-idaea</i> L. | Creation | | Mountain cranberry |
| [ALL] | VACCI_VIT | UPOV code name / English | <i>Vaccinium vitis-idaea</i> L. | Creation | | Lingenberry |
| [ALL] | VACCI_VIT | UPOV code name / English | <i>Vaccinium vitis-idaea</i> L. | Creation | | Alpine cranberry |
| [ALL] | VACCI_VIT | UPOV code name / English | <i>Vaccinium vitis-idaea</i> L. | Creation | | Lingen |

[Annex V - Part C follows]

ANNEX V – Part C

AMENDMENTS TO UPOV CODES TO BE CHECKED BY SPECIFIC AUTHORITIES

AR - ARGENTINA

| Checking authority | UPOV code | Field name | Principal botanical name | Action | Old value | New value |
|------------------------------------|-----------|------------------------|--------------------------------------|----------|-----------|--------------------------------------|
| AR, AU, CA, CZ, DE, FR, QZ, RU, UA | CRYLS_AVE | UPOV code name / Latin | Corylus avellana L. | Creation | | Corylus maxima Mill. |
| AR, ES, GB, JP, MX | PONCI_POL | UPOV code | Poncirus polyandra S. Q. Ding et al. | Creation | | PONCI_POL |
| AR, ES, GB, JP, MX | PONCI_POL | Genus code | Poncirus polyandra S. Q. Ding et al. | Creation | | PONCI |
| AR, ES, GB, JP, MX | PONCI_POL | Species code | Poncirus polyandra S. Q. Ding et al. | Creation | | POL |
| AR, ES, GB, JP, MX | PONCI_POL | Denomination class | Poncirus polyandra S. Q. Ding et al. | Creation | | PONCI |
| AR, ES, GB, JP, MX | PONCI_POL | UPOV code name / Latin | Poncirus polyandra S. Q. Ding et al. | Creation | | Poncirus polyandra S. Q. Ding et al. |
| AR, AU, CA, CZ, DE, FR, QZ, RU, UA | CRYLS_AVE | UPOV code name / Latin | Corylus avellana L. | Creation | | Corylus maxima Mill. |

Please remember to also check the UPOV Code amendments in Part B above

AU – AUSTRALIA

| Checking authority | UPOV code | Field name | Principal botanical name | Action | Old value | New value |
|------------------------------------|-----------|--------------------------|-----------------------------------|--------------|---------------------------------------|-----------------------------------|
| AR, AU, CA, CZ, DE, FR, QZ, RU, UA | CRYLS_AVE | UPOV code name / Latin | Corylus avellana L. | Creation | | Corylus maxima Mill. |
| AU, CL, IL, MX, NZ, QZ, US, ZA | PERSE_AME | UPOV code name / Spanish | Persea americana Mill. | Creation | | Palto |
| AU, NZ, QZ, US, ZA | PRUNU_SAM | UPOV code name / Latin | Prunus salicina x P. armeniaca L. | Modification | Prunus salicina x Prunus armeniaca L. | Prunus salicina x P. armeniaca L. |

Please remember to also check the UPOV Code amendments in Part B above

BR – BRAZIL

| Checking authority | UPOV code | Field name | Principal botanical name | Action | Old value | New value |
|----------------------------|-----------|------------------------|--|----------|-----------|--|
| BR, FR, IL, KE, MX, US, ZA | COFFE_ACA | UPOV code | Coffea arabica L. x Coffea canephora Pierre ex A. Froehner | Creation | | COFFE_ACA |
| BR, FR, IL, KE, MX, US, ZA | COFFE_ACA | Genus code | Coffea arabica L. x Coffea canephora Pierre ex A. Froehner | Creation | | COFFE |
| BR, FR, IL, KE, MX, US, ZA | COFFE_ACA | Species code | Coffea arabica L. x Coffea canephora Pierre ex A. Froehner | Creation | | ACA |
| BR, FR, IL, KE, MX, US, ZA | COFFE_ACA | Denomination class | Coffea arabica L. x Coffea canephora Pierre ex A. Froehner | Creation | | COFFE |
| BR, FR, IL, KE, MX, US, ZA | COFFE_ACA | UPOV code name / Latin | Coffea arabica L. x Coffea canephora Pierre ex A. Froehner | Creation | | Coffea arabica L. x Coffea canephora Pierre ex A. Froehner |

Please remember to also check the UPOV Code amendments in Part B above

CA – CANADA

| Checking authority | UPOV code | Field name | Principal botanical name | Action | Old value | New value |
|------------------------------------|-----------|------------------------|--------------------------|----------|-----------|----------------------|
| AR, AU, CA, CZ, DE, FR, QZ, RU, UA | CRYLS_AVE | UPOV code name / Latin | Corylus avellana L. | Creation | | Corylus maxima Mill. |

Please remember to also check the UPOV Code amendments in Part B above

CL – CHILE

| Checking authority | UPOV code | Field name | Principal botanical name | Action | Old value | New value |
|--------------------------------|-----------|--------------------------|--------------------------|----------|-----------|-----------|
| AU, CL, IL, MX, NZ, QZ, US, ZA | PERSE_AME | UPOV code name / Spanish | Persea americana Mill. | Creation | | Palto |

Please remember to also check the UPOV Code amendments in Part B above

CZ – CZECH REPUBLIC

| Checking authority | UPOV code | Field name | Principal botanical name | Action | Old value | New value |
|------------------------------------|-----------|------------------------|--------------------------|----------|-----------|----------------------|
| AR, AU, CA, CZ, DE, FR, QZ, RU, UA | CRYLS_AVE | UPOV code name / Latin | Corylus avellana L. | Creation | | Corylus maxima Mill. |

Please remember to also check the UPOV Code amendments in Part B above

DE – GERMANY

| Checking authority | UPOV code | Field name | Principal botanical name | Action | Old value | New value |
|------------------------------------|-----------|------------------------|--------------------------|----------|-----------|----------------------|
| AR, AU, CA, CZ, DE, FR, QZ, RU, UA | CRYLS_AVE | UPOV code name / Latin | Corylus avellana L. | Creation | | Corylus maxima Mill. |

Please remember to also check the UPOV Code amendments in Part B above

ES – SPAIN

| Checking authority | UPOV code | Field name | Principal botanical name | Action | Old value | New value |
|--------------------|-----------|------------------------|--------------------------------------|----------|-----------|--------------------------------------|
| ES, IL, IT, MX, ZA | OPUNT_AMY | UPOV code | Opuntia amyclaea | Creation | | OPUNT_AMY |
| ES, IL, IT, MX, ZA | OPUNT_AMY | Genus code | Opuntia amyclaea | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_AMY | Species code | Opuntia amyclaea | Creation | | AMY |
| ES, IL, IT, MX, ZA | OPUNT_AMY | Denomination class | Opuntia amyclaea | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_AMY | UPOV code name / Latin | Opuntia amyclaea | Creation | | Opuntia amyclaea |
| ES, IL, IT, MX, ZA | OPUNT_DUR | UPOV code | Opuntia duranguensis Britton et Rose | Creation | | OPUNT_DUR |
| ES, IL, IT, MX, ZA | OPUNT_DUR | UPOV code | Opuntia duranguensis Britton et Rose | Creation | | OPUNT_DUR |
| ES, IL, IT, MX, ZA | OPUNT_DUR | Genus code | Opuntia duranguensis Britton et Rose | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_DUR | Genus code | Opuntia duranguensis Britton et Rose | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_DUR | Species code | Opuntia duranguensis Britton et Rose | Creation | | DUR |
| ES, IL, IT, MX, ZA | OPUNT_DUR | Species code | Opuntia duranguensis Britton et Rose | Creation | | DUR |
| ES, IL, IT, MX, ZA | OPUNT_DUR | Denomination class | Opuntia duranguensis Britton et Rose | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_DUR | Denomination class | Opuntia duranguensis Britton et Rose | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_DUR | UPOV code name / Latin | Opuntia duranguensis Britton et Rose | Creation | | Opuntia duranguensis Britton et Rose |
| ES, IL, IT, MX, ZA | OPUNT_DUR | UPOV code name / Latin | Opuntia duranguensis Britton et Rose | Creation | | Opuntia duranguensis Britton et Rose |

ES – SPAIN

| Checking authority | UPOV code | Field name | Principal botanical name | Action | Old value | New value |
|--------------------|-----------|------------------------|--------------------------------------|----------|-----------|-------------------------------------|
| ES, IL, IT, MX, ZA | OPUNT_DUR | UPOV code name / Latin | Opuntia duranguensis Britton et Rose | Creation | | Opuntia durangensis Britton et Rose |
| ES, IL, IT, MX, ZA | OPUNT_DUR | UPOV code name / Latin | Opuntia duranguensis Britton et Rose | Creation | | Opuntia durangensis Britton et Rose |
| ES, IL, IT, MX, ZA | OPUNT_HEL | UPOV code | Opuntia heliabravoana Sheinvar | Creation | | OPUNT_HEL |
| ES, IL, IT, MX, ZA | OPUNT_HEL | Genus code | Opuntia heliabravoana Sheinvar | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_HEL | Species code | Opuntia heliabravoana Sheinvar | Creation | | HEL |
| ES, IL, IT, MX, ZA | OPUNT_HEL | Denomination class | Opuntia heliabravoana Sheinvar | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_HEL | UPOV code name / Latin | Opuntia heliabravoana Sheinvar | Creation | | Opuntia heliabravoana Sheinvar |
| ES, IL, IT, MX, ZA | OPUNT_JOC | UPOV code | Opuntia joconostle Weber | Creation | | OPUNT_JOC |
| ES, IL, IT, MX, ZA | OPUNT_JOC | Genus code | Opuntia joconostle Weber | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_JOC | Species code | Opuntia joconostle Weber | Creation | | JOC |
| ES, IL, IT, MX, ZA | OPUNT_JOC | Denomination class | Opuntia joconostle Weber | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_JOC | UPOV code name / Latin | Opuntia joconostle Weber | Creation | | Opuntia joconostle Weber |
| ES, IL, IT, MX, ZA | OPUNT_LAS | UPOV code | Opuntia lasyacantha Pfeiffer | Creation | | OPUNT_LAS |
| ES, IL, IT, MX, ZA | OPUNT_LAS | Genus code | Opuntia lasyacantha Pfeiffer | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_LAS | Species code | Opuntia lasyacantha Pfeiffer | Creation | | LAS |
| ES, IL, IT, MX, ZA | OPUNT_LAS | Denomination class | Opuntia lasyacantha Pfeiffer | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_LAS | UPOV code name / Latin | Opuntia lasyacantha Pfeiffer | Creation | | Opuntia lasyacantha Pfeiffer |
| ES, IL, IT, MX, ZA | OPUNT_MAT | UPOV code | Opuntia matudae Sheinvar | Creation | | OPUNT_MAT |
| ES, IL, IT, MX, ZA | OPUNT_MAT | Genus code | Opuntia matudae Sheinvar | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_MAT | Species code | Opuntia matudae Sheinvar | Creation | | MAT |
| ES, IL, IT, MX, ZA | OPUNT_MAT | Denomination class | Opuntia matudae Sheinvar | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_MAT | UPOV code name / Latin | Opuntia matudae Sheinvar | Creation | | Opuntia matudae Sheinvar |
| ES, IL, IT, MX, ZA | OPUNT_OLI | UPOV code | Opuntia oligacantha Sheinvar | Creation | | OPUNT_OLI |
| ES, IL, IT, MX, ZA | OPUNT_OLI | Genus code | Opuntia oligacantha Sheinvar | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_OLI | Species code | Opuntia oligacantha Sheinvar | Creation | | OLI |
| ES, IL, IT, MX, ZA | OPUNT_OLI | Denomination class | Opuntia oligacantha Sheinvar | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_OLI | UPOV code name / Latin | Opuntia oligacantha Sheinvar | Creation | | Opuntia oligacantha Sheinvar |
| AR, ES, GB, JP, MX | PONCI_POL | UPOV code | Poncirus polyandra S. Q. Ding et al. | Creation | | PONCI_POL |
| AR, ES, GB, JP, MX | PONCI_POL | Genus code | Poncirus polyandra S. Q. Ding et al. | Creation | | PONCI |
| AR, ES, GB, JP, MX | PONCI_POL | Species code | Poncirus polyandra S. Q. Ding et al. | Creation | | POL |

ES – SPAIN

| Checking authority | UPOV code | Field name | Principal botanical name | Action | Old value | New value |
|--------------------|-----------|------------------------|--------------------------------------|----------|-----------|--------------------------------------|
| AR, ES, GB, JP, MX | PONCI_POL | Denomination class | Poncirus polyandra S. Q. Ding et al. | Creation | | PONCI |
| AR, ES, GB, JP, MX | PONCI_POL | UPOV code name / Latin | Poncirus polyandra S. Q. Ding et al. | Creation | | Poncirus polyandra S. Q. Ding et al. |

Please remember to also check the UPOV Code amendments in Part B above

FR – FRANCE

| Checking authority | UPOV code | Field name | Principal botanical name | Action | Old value | New value |
|------------------------------------|-----------|------------------------|--|----------|-----------|--|
| BR, FR, IL, KE, MX, US, ZA | COFFE_ACA | UPOV code | Coffea arabica L. x Coffea canephora Pierre ex A. Froehner | Creation | | COFFE_ACA |
| BR, FR, IL, KE, MX, US, ZA | COFFE_ACA | Genus code | Coffea arabica L. x Coffea canephora Pierre ex A. Froehner | Creation | | COFFE |
| BR, FR, IL, KE, MX, US, ZA | COFFE_ACA | Species code | Coffea arabica L. x Coffea canephora Pierre ex A. Froehner | Creation | | ACA |
| BR, FR, IL, KE, MX, US, ZA | COFFE_ACA | Denomination class | Coffea arabica L. x Coffea canephora Pierre ex A. Froehner | Creation | | COFFE |
| BR, FR, IL, KE, MX, US, ZA | COFFE_ACA | UPOV code name / Latin | Coffea arabica L. x Coffea canephora Pierre ex A. Froehner | Creation | | Coffea arabica L. x Coffea canephora Pierre ex A. Froehner |
| AR, AU, CA, CZ, DE, FR, QZ, RU, UA | CRYLS_AVE | UPOV code name / Latin | Corylus avellana L. | Creation | | Corylus maxima Mill. |

Please remember to also check the UPOV Code amendments in Part B above

GB – UNITED KINGDOM

| Checking authority | UPOV code | Field name | Principal botanical name | Action | Old value | New value |
|--------------------|-----------|--------------------------|-------------------------------------|----------|-----------|-------------------------------------|
| GB, IL, MX | OPUNT_HYP | UPOV code | Opuntia hyptiacantha F. A. C. Weber | Creation | | OPUNT_HYP |
| GB, IL, MX | OPUNT_HYP | Genus code | Opuntia hyptiacantha F. A. C. Weber | Creation | | OPUNT |
| GB, IL, MX | OPUNT_HYP | Species code | Opuntia hyptiacantha F. A. C. Weber | Creation | | HYP |
| GB, IL, MX | OPUNT_HYP | Denomination class | Opuntia hyptiacantha F. A. C. Weber | Creation | | OPUNT |
| GB, IL, MX | OPUNT_HYP | UPOV code name / Latin | Opuntia hyptiacantha F. A. C. Weber | Creation | | Opuntia hyptiacantha F. A. C. Weber |
| GB, IL, MX | OPUNT_HYP | UPOV code name / Spanish | Opuntia hyptiacantha F. A. C. Weber | Creation | | Nopal cascarón |

GB – UNITED KINGDOM

| Checking authority | UPOV code | Field name | Principal botanical name | Action | Old value | New value |
|--------------------|-----------|--------------------------|---|----------|-----------|------------------------------|
| GB, IL, MX | OPUNT_HYP | UPOV code name / Spanish | Opuntia hyptiacantha F. A. C. Weber | Creation | | Nopal memelo |
| GB, IL, MX | OPUNT_HYP | UPOV code name / Spanish | Opuntia hyptiacantha F. A. C. Weber | Creation | | Tuna cascara |
| GB, IL, MX | OPUNT_HYP | UPOV code name / Spanish | Opuntia hyptiacantha F. A. C. Weber | Creation | | Tuna chaveña |
| GB, IL, MX | OPUNT_HYP | UPOV code name / Spanish | Opuntia hyptiacantha F. A. C. Weber | Creation | | Tuna memela |
| GB, IL, MX | OPUNT_LEU | UPOV code | Opuntia leucotricha DC. | Creation | | OPUNT_LEU |
| GB, IL, MX | OPUNT_LEU | Genus code | Opuntia leucotricha DC. | Creation | | OPUNT |
| GB, IL, MX | OPUNT_LEU | Species code | Opuntia leucotricha DC. | Creation | | LEU |
| GB, IL, MX | OPUNT_LEU | Denomination class | Opuntia leucotricha DC. | Creation | | OPUNT |
| GB, IL, MX | OPUNT_LEU | UPOV code name / Latin | Opuntia leucotricha DC. | Creation | | Opuntia leucotricha DC. |
| GB, IL, MX | OPUNT_LEU | UPOV code name / English | Opuntia leucotricha DC. | Creation | | Aaron's-beard prickly-pear |
| GB, IL, MX | OPUNT_LEU | UPOV code name / Spanish | Opuntia leucotricha DC. | Creation | | Duraznillo blanco |
| GB, IL, MX | OPUNT_LEU | UPOV code name / Spanish | Opuntia leucotricha DC. | Creation | | Nopal blanco |
| GB, IL, MX | OPUNT_LEU | UPOV code name / Spanish | Opuntia leucotricha DC. | Creation | | Nopal colorado |
| GB, IL, MX | OPUNT_LEU | UPOV code name / Spanish | Opuntia leucotricha DC. | Creation | | Nopal duraznillo |
| GB, IL, MX | OPUNT_MEG | UPOV code | Opuntia megacantha Salm-Dyck | Creation | | OPUNT_MEG |
| GB, IL, MX | OPUNT_MEG | Genus code | Opuntia megacantha Salm-Dyck | Creation | | OPUNT |
| GB, IL, MX | OPUNT_MEG | Species code | Opuntia megacantha Salm-Dyck | Creation | | MEG |
| GB, IL, MX | OPUNT_MEG | Denomination class | Opuntia megacantha Salm-Dyck | Creation | | OPUNT |
| GB, IL, MX | OPUNT_MEG | UPOV code name / Latin | Opuntia megacantha Salm-Dyck | Creation | | Opuntia megacantha Salm-Dyck |
| GB, IL, MX | OPUNT_MEG | UPOV code name / English | Opuntia megacantha Salm-Dyck | Creation | | Mission Prickly-Pear |
| GB, IL, MX | OPUNT_MEG | UPOV code name / English | Opuntia megacantha Salm-Dyck | Creation | | Panini |
| GB, IL, MX | OPUNT_MEG | UPOV code name / English | Opuntia megacantha Salm-Dyck | Creation | | Nopal |
| GB, IL, MX | OPUNT_MEG | UPOV code name / French | Opuntia megacantha Salm-Dyck | Creation | | Oponce de Castille |
| GB, IL, MX | OPUNT_MEG | UPOV code name / German | Opuntia megacantha Salm-Dyck | Creation | | Gelber Feigenkaktus |
| GB, IL, MX | OPUNT_MEG | UPOV code name / Spanish | Opuntia megacantha Salm-Dyck | Creation | | Nopalito |
| GB, IL, MX | OPUNT_MEG | UPOV code name / Spanish | Opuntia megacantha Salm-Dyck | Creation | | Nopal tapón |
| GB, IL, MX | OPUNT_MEG | UPOV code name / Spanish | Opuntia megacantha Salm-Dyck | Creation | | Nopal amarillo |
| GB, IL, MX | OPUNT_MEG | UPOV code name / Spanish | Opuntia megacantha Salm-Dyck | Creation | | Tuna fina |
| GB, IL, MX | OPUNT_ROB | UPOV code | Opuntia robusta H. L. Wendl. ex Pfeiff. | Creation | | OPUNT_ROB |
| GB, IL, MX | OPUNT_ROB | Genus code | Opuntia robusta H. L. Wendl. ex Pfeiff. | Creation | | OPUNT |

GB – UNITED KINGDOM

| Checking authority | UPOV code | Field name | Principal botanical name | Action | Old value | New value |
|--------------------|-----------|--------------------------|---|--------------|------------|---|
| GB, IL, MX | OPUNT_ROB | Species code | Opuntia robusta H. L. Wendl. ex Pfeiff. | Creation | | ROB |
| GB, IL, MX | OPUNT_ROB | Denomination class | Opuntia robusta H. L. Wendl. ex Pfeiff. | Creation | | OPUNT |
| GB, IL, MX | OPUNT_ROB | UPOV code name / Latin | Opuntia robusta H. L. Wendl. ex Pfeiff. | Creation | | Opuntia robusta H. L. Wendl. ex Pfeiff. |
| GB, IL, MX | OPUNT_ROB | UPOV code name / English | Opuntia robusta H. L. Wendl. ex Pfeiff. | Creation | | Wheel Cactus |
| GB, IL, MX | OPUNT_ROB | UPOV code name / Spanish | Opuntia robusta H. L. Wendl. ex Pfeiff. | Creation | | Tuna tapna |
| GB, IL, MX | OPUNT_ROB | UPOV code name / Spanish | Opuntia robusta H. L. Wendl. ex Pfeiff. | Creation | | Nopal camueso |
| GB, IL, MX | OPUNT_ROB | UPOV code name / Spanish | Opuntia robusta H. L. Wendl. ex Pfeiff. | Creation | | Bartolona |
| GB, IL, MX | OPUNT_ROB | UPOV code name / Spanish | Opuntia robusta H. L. Wendl. ex Pfeiff. | Creation | | Camuesa |
| GB, IL, MX | OPUNT_ROB | UPOV code name / Spanish | Opuntia robusta H. L. Wendl. ex Pfeiff. | Creation | | Joconoxtle |
| GB, IL, MX | OPUNT_ROB | UPOV code name / Spanish | Opuntia robusta H. L. Wendl. ex Pfeiff. | Creation | | Nopal tapón |
| GB, IL, MX | OPUNT_ROB | UPOV code name / Spanish | Opuntia robusta H. L. Wendl. ex Pfeiff. | Creation | | Tuna bartolona |
| GB, IL, MX | OPUNT_ROB | UPOV code name / Spanish | Opuntia robusta H. L. Wendl. ex Pfeiff. | Creation | | Tuna tapón |
| GB, IL, MX | OPUNT_ROB | UPOV code name / Spanish | Opuntia robusta H. L. Wendl. ex Pfeiff. | Modification | Tuna tapna | Tuna tapona |
| GB, IL, MX | OPUNT_SPI | UPOV code | Opuntia spinulifera Salm-Dyck | Creation | | OPUNT_SPI |
| GB, IL, MX | OPUNT_SPI | Genus code | Opuntia spinulifera Salm-Dyck | Creation | | OPUNT |
| GB, IL, MX | OPUNT_SPI | Species code | Opuntia spinulifera Salm-Dyck | Creation | | SPI |
| GB, IL, MX | OPUNT_SPI | Denomination class | Opuntia spinulifera Salm-Dyck | Creation | | OPUNT |
| GB, IL, MX | OPUNT_SPI | UPOV code name / Latin | Opuntia spinulifera Salm-Dyck | Creation | | Opuntia spinulifera Salm-Dyck |
| GB, IL, MX | OPUNT_SPI | UPOV code name / Spanish | Opuntia spinulifera Salm-Dyck | Creation | | Nopal corriente |
| GB, IL, MX | OPUNT_SPI | UPOV code name / Spanish | Opuntia spinulifera Salm-Dyck | Creation | | Nopal ardilla |
| GB, IL, MX | OPUNT_SPI | UPOV code name / Spanish | Opuntia spinulifera Salm-Dyck | Creation | | Tuna blanca |
| GB, IL, MX | OPUNT_STR | UPOV code | Opuntia streptacantha Lem. | Creation | | OPUNT_STR |
| GB, IL, MX | OPUNT_STR | Genus code | Opuntia streptacantha Lem. | Creation | | OPUNT |
| GB, IL, MX | OPUNT_STR | Species code | Opuntia streptacantha Lem. | Creation | | STR |
| GB, IL, MX | OPUNT_STR | Denomination class | Opuntia streptacantha Lem. | Creation | | OPUNT |
| GB, IL, MX | OPUNT_STR | UPOV code name / Latin | Opuntia streptacantha Lem. | Creation | | Opuntia streptacantha Lem. |
| GB, IL, MX | OPUNT_STR | UPOV code name / English | Opuntia streptacantha Lem. | Creation | | Westwood-pear |
| GB, IL, MX | OPUNT_STR | UPOV code name / English | Opuntia streptacantha Lem. | Creation | | Gracemere-pear |
| GB, IL, MX | OPUNT_STR | UPOV code name / Spanish | Opuntia streptacantha Lem. | Creation | | Nopal hartón |
| GB, IL, MX | OPUNT_STR | UPOV code name / Spanish | Opuntia streptacantha Lem. | Creation | | Cardón |

GB – UNITED KINGDOM

| Checking authority | UPOV code | Field name | Principal botanical name | Action | Old value | New value |
|--------------------|-----------|--------------------------|--------------------------------------|----------|-----------|--------------------------------------|
| GB, IL, MX | OPUNT_STR | UPOV code name / Spanish | Opuntia streptacantha Lem. | Creation | | Cenizo |
| GB, IL, MX | OPUNT_STR | UPOV code name / Spanish | Opuntia streptacantha Lem. | Creation | | Nopal cardón |
| GB, IL, MX | OPUNT_STR | UPOV code name / Spanish | Opuntia streptacantha Lem. | Creation | | Chaveño |
| GB, IL, MX | OPUNT_STR | UPOV code name / Spanish | Opuntia streptacantha Lem. | Creation | | Tuna cardona |
| AR, ES, GB, JP, MX | PONCI_POL | UPOV code | Poncirus polyandra S. Q. Ding et al. | Creation | | PONCI_POL |
| AR, ES, GB, JP, MX | PONCI_POL | Genus code | Poncirus polyandra S. Q. Ding et al. | Creation | | PONCI |
| AR, ES, GB, JP, MX | PONCI_POL | Species code | Poncirus polyandra S. Q. Ding et al. | Creation | | POL |
| AR, ES, GB, JP, MX | PONCI_POL | Denomination class | Poncirus polyandra S. Q. Ding et al. | Creation | | PONCI |
| AR, ES, GB, JP, MX | PONCI_POL | UPOV code name / Latin | Poncirus polyandra S. Q. Ding et al. | Creation | | Poncirus polyandra S. Q. Ding et al. |

Please remember to also check the UPOV Code amendments in Part B above

IL – ISRAEL

| Checking authority | UPOV code | Field name | Principal botanical name | Action | Old value | New value |
|----------------------------|-----------|------------------------|--|----------|-----------|--|
| BR, FR, IL, KE, MX, US, ZA | COFFE_ACA | UPOV code | Coffea arabica L. x Coffea canephora Pierre ex A. Froehner | Creation | | COFFE_ACA |
| BR, FR, IL, KE, MX, US, ZA | COFFE_ACA | Genus code | Coffea arabica L. x Coffea canephora Pierre ex A. Froehner | Creation | | COFFE |
| BR, FR, IL, KE, MX, US, ZA | COFFE_ACA | Species code | Coffea arabica L. x Coffea canephora Pierre ex A. Froehner | Creation | | ACA |
| BR, FR, IL, KE, MX, US, ZA | COFFE_ACA | Denomination class | Coffea arabica L. x Coffea canephora Pierre ex A. Froehner | Creation | | COFFE |
| BR, FR, IL, KE, MX, US, ZA | COFFE_ACA | UPOV code name / Latin | Coffea arabica L. x Coffea canephora Pierre ex A. Froehner | Creation | | Coffea arabica L. x Coffea canephora Pierre ex A. Froehner |
| ES, IL, IT, MX, ZA | OPUNT_AMY | UPOV code | Opuntia amyclaea | Creation | | OPUNT_AMY |
| ES, IL, IT, MX, ZA | OPUNT_AMY | Genus code | Opuntia amyclaea | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_AMY | Species code | Opuntia amyclaea | Creation | | AMY |
| ES, IL, IT, MX, ZA | OPUNT_AMY | Denomination class | Opuntia amyclaea | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_AMY | UPOV code name / Latin | Opuntia amyclaea | Creation | | Opuntia amyclaea |
| ES, IL, IT, MX, ZA | OPUNT_DUR | UPOV code | Opuntia duranguensis Britton et Rose | Creation | | OPUNT_DUR |
| ES, IL, IT, MX, ZA | OPUNT_DUR | UPOV code | Opuntia duranguensis Britton et Rose | Creation | | OPUNT_DUR |

IL – ISRAEL

| Checking authority | UPOV code | Field name | Principal botanical name | Action | Old value | New value |
|--------------------|-----------|--------------------------|--------------------------------------|----------|-----------|--------------------------------------|
| ES, IL, IT, MX, ZA | OPUNT_DUR | Genus code | Opuntia duranguensis Britton et Rose | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_DUR | Genus code | Opuntia duranguensis Britton et Rose | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_DUR | Species code | Opuntia duranguensis Britton et Rose | Creation | | DUR |
| ES, IL, IT, MX, ZA | OPUNT_DUR | Species code | Opuntia duranguensis Britton et Rose | Creation | | DUR |
| ES, IL, IT, MX, ZA | OPUNT_DUR | Denomination class | Opuntia duranguensis Britton et Rose | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_DUR | Denomination class | Opuntia duranguensis Britton et Rose | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_DUR | UPOV code name / Latin | Opuntia duranguensis Britton et Rose | Creation | | Opuntia durangensis Britton et Rose |
| ES, IL, IT, MX, ZA | OPUNT_DUR | UPOV code name / Latin | Opuntia duranguensis Britton et Rose | Creation | | Opuntia duranguensis Britton et Rose |
| ES, IL, IT, MX, ZA | OPUNT_DUR | UPOV code name / Latin | Opuntia duranguensis Britton et Rose | Creation | | Opuntia durangensis Britton et Rose |
| ES, IL, IT, MX, ZA | OPUNT_DUR | UPOV code name / Latin | Opuntia duranguensis Britton et Rose | Creation | | Opuntia duranguensis Britton et Rose |
| ES, IL, IT, MX, ZA | OPUNT_HEL | UPOV code | Opuntia heliabravoana Sheinvar | Creation | | OPUNT_HEL |
| ES, IL, IT, MX, ZA | OPUNT_HEL | Genus code | Opuntia heliabravoana Sheinvar | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_HEL | Species code | Opuntia heliabravoana Sheinvar | Creation | | HEL |
| ES, IL, IT, MX, ZA | OPUNT_HEL | Denomination class | Opuntia heliabravoana Sheinvar | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_HEL | UPOV code name / Latin | Opuntia heliabravoana Sheinvar | Creation | | Opuntia heliabravoana Sheinvar |
| GB, IL, MX | OPUNT_HYP | UPOV code | Opuntia hyptiacantha F. A. C. Weber | Creation | | OPUNT_HYP |
| GB, IL, MX | OPUNT_HYP | Genus code | Opuntia hyptiacantha F. A. C. Weber | Creation | | OPUNT |
| GB, IL, MX | OPUNT_HYP | Species code | Opuntia hyptiacantha F. A. C. Weber | Creation | | HYP |
| GB, IL, MX | OPUNT_HYP | Denomination class | Opuntia hyptiacantha F. A. C. Weber | Creation | | OPUNT |
| GB, IL, MX | OPUNT_HYP | UPOV code name / Latin | Opuntia hyptiacantha F. A. C. Weber | Creation | | Opuntia hyptiacantha F. A. C. Weber |
| GB, IL, MX | OPUNT_HYP | UPOV code name / Spanish | Opuntia hyptiacantha F. A. C. Weber | Creation | | Tuna memela |
| GB, IL, MX | OPUNT_HYP | UPOV code name / Spanish | Opuntia hyptiacantha F. A. C. Weber | Creation | | Nopal memelo |
| GB, IL, MX | OPUNT_HYP | UPOV code name / Spanish | Opuntia hyptiacantha F. A. C. Weber | Creation | | Nopal cascarón |
| GB, IL, MX | OPUNT_HYP | UPOV code name / Spanish | Opuntia hyptiacantha F. A. C. Weber | Creation | | Tuna cascarona |
| GB, IL, MX | OPUNT_HYP | UPOV code name / Spanish | Opuntia hyptiacantha F. A. C. Weber | Creation | | Tuna chaveña |
| ES, IL, IT, MX, ZA | OPUNT_JOC | UPOV code | Opuntia joconostle Weber | Creation | | OPUNT_JOC |
| ES, IL, IT, MX, ZA | OPUNT_JOC | Genus code | Opuntia joconostle Weber | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_JOC | Species code | Opuntia joconostle Weber | Creation | | JOC |
| ES, IL, IT, MX, ZA | OPUNT_JOC | Denomination class | Opuntia joconostle Weber | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_JOC | UPOV code name / Latin | Opuntia joconostle Weber | Creation | | Opuntia joconostle Weber |

IL – ISRAEL

| Checking authority | UPOV code | Field name | Principal botanical name | Action | Old value | New value |
|--------------------|-----------|--------------------------|------------------------------|----------|-----------|------------------------------|
| ES, IL, IT, MX, ZA | OPUNT_LAS | UPOV code | Opuntia lasyacantha Pfeiffer | Creation | | OPUNT_LAS |
| ES, IL, IT, MX, ZA | OPUNT_LAS | Genus code | Opuntia lasyacantha Pfeiffer | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_LAS | Species code | Opuntia lasyacantha Pfeiffer | Creation | | LAS |
| ES, IL, IT, MX, ZA | OPUNT_LAS | Denomination class | Opuntia lasyacantha Pfeiffer | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_LAS | UPOV code name / Latin | Opuntia lasyacantha Pfeiffer | Creation | | Opuntia lasyacantha Pfeiffer |
| GB, IL, MX | OPUNT_LEU | UPOV code | Opuntia leucotricha DC. | Creation | | OPUNT_LEU |
| GB, IL, MX | OPUNT_LEU | Genus code | Opuntia leucotricha DC. | Creation | | OPUNT |
| GB, IL, MX | OPUNT_LEU | Species code | Opuntia leucotricha DC. | Creation | | LEU |
| GB, IL, MX | OPUNT_LEU | Denomination class | Opuntia leucotricha DC. | Creation | | OPUNT |
| GB, IL, MX | OPUNT_LEU | UPOV code name / Latin | Opuntia leucotricha DC. | Creation | | Opuntia leucotricha DC. |
| GB, IL, MX | OPUNT_LEU | UPOV code name / English | Opuntia leucotricha DC. | Creation | | Aaron's-beard prickly-pear |
| GB, IL, MX | OPUNT_LEU | UPOV code name / Spanish | Opuntia leucotricha DC. | Creation | | Nopal duraznillo |
| GB, IL, MX | OPUNT_LEU | UPOV code name / Spanish | Opuntia leucotricha DC. | Creation | | Nopal blanco |
| GB, IL, MX | OPUNT_LEU | UPOV code name / Spanish | Opuntia leucotricha DC. | Creation | | Duraznillo blanco |
| GB, IL, MX | OPUNT_LEU | UPOV code name / Spanish | Opuntia leucotricha DC. | Creation | | Nopal colorado |
| ES, IL, IT, MX, ZA | OPUNT_MAT | UPOV code | Opuntia matudae Sheinvar | Creation | | OPUNT_MAT |
| ES, IL, IT, MX, ZA | OPUNT_MAT | Genus code | Opuntia matudae Sheinvar | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_MAT | Species code | Opuntia matudae Sheinvar | Creation | | MAT |
| ES, IL, IT, MX, ZA | OPUNT_MAT | Denomination class | Opuntia matudae Sheinvar | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_MAT | UPOV code name / Latin | Opuntia matudae Sheinvar | Creation | | Opuntia matudae Sheinvar |
| GB, IL, MX | OPUNT_MEG | UPOV code | Opuntia megacantha Salm-Dyck | Creation | | OPUNT_MEG |
| GB, IL, MX | OPUNT_MEG | Genus code | Opuntia megacantha Salm-Dyck | Creation | | OPUNT |
| GB, IL, MX | OPUNT_MEG | Species code | Opuntia megacantha Salm-Dyck | Creation | | MEG |
| GB, IL, MX | OPUNT_MEG | Denomination class | Opuntia megacantha Salm-Dyck | Creation | | OPUNT |
| GB, IL, MX | OPUNT_MEG | UPOV code name / Latin | Opuntia megacantha Salm-Dyck | Creation | | Opuntia megacantha Salm-Dyck |
| GB, IL, MX | OPUNT_MEG | UPOV code name / English | Opuntia megacantha Salm-Dyck | Creation | | Nopal |
| GB, IL, MX | OPUNT_MEG | UPOV code name / English | Opuntia megacantha Salm-Dyck | Creation | | Panini |
| GB, IL, MX | OPUNT_MEG | UPOV code name / English | Opuntia megacantha Salm-Dyck | Creation | | Mission Prickly-Pear |
| GB, IL, MX | OPUNT_MEG | UPOV code name / French | Opuntia megacantha Salm-Dyck | Creation | | Oponce de Castille |
| GB, IL, MX | OPUNT_MEG | UPOV code name / German | Opuntia megacantha Salm-Dyck | Creation | | Gelber Feigenkaktus |

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Annex V – Part C, page 11

IL – ISRAEL

| Checking authority | UPOV code | Field name | Principal botanical name | Action | Old value | New value |
|--------------------|-----------|--------------------------|---|--------------|------------|---|
| GB, IL, MX | OPUNT_MEG | UPOV code name / Spanish | Opuntia megacantha Salm-Dyck | Creation | | Nopal tapón |
| GB, IL, MX | OPUNT_MEG | UPOV code name / Spanish | Opuntia megacantha Salm-Dyck | Creation | | Nopalito |
| GB, IL, MX | OPUNT_MEG | UPOV code name / Spanish | Opuntia megacantha Salm-Dyck | Creation | | Tuna fina |
| GB, IL, MX | OPUNT_MEG | UPOV code name / Spanish | Opuntia megacantha Salm-Dyck | Creation | | Nopal amarillo |
| ES, IL, IT, MX, ZA | OPUNT_OLI | UPOV code | Opuntia oligacantha Sheinvar | Creation | | OPUNT_OLI |
| ES, IL, IT, MX, ZA | OPUNT_OLI | Genus code | Opuntia oligacantha Sheinvar | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_OLI | Species code | Opuntia oligacantha Sheinvar | Creation | | OLI |
| ES, IL, IT, MX, ZA | OPUNT_OLI | Denomination class | Opuntia oligacantha Sheinvar | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_OLI | UPOV code name / Latin | Opuntia oligacantha Sheinvar | Creation | | Opuntia oligacantha Sheinvar |
| GB, IL, MX | OPUNT_ROB | UPOV code | Opuntia robusta H. L. Wendl. ex Pfeiff. | Creation | | OPUNT_ROB |
| GB, IL, MX | OPUNT_ROB | Genus code | Opuntia robusta H. L. Wendl. ex Pfeiff. | Creation | | OPUNT |
| GB, IL, MX | OPUNT_ROB | Species code | Opuntia robusta H. L. Wendl. ex Pfeiff. | Creation | | ROB |
| GB, IL, MX | OPUNT_ROB | Denomination class | Opuntia robusta H. L. Wendl. ex Pfeiff. | Creation | | OPUNT |
| GB, IL, MX | OPUNT_ROB | UPOV code name / Latin | Opuntia robusta H. L. Wendl. ex Pfeiff. | Creation | | Opuntia robusta H. L. Wendl. ex Pfeiff. |
| GB, IL, MX | OPUNT_ROB | UPOV code name / English | Opuntia robusta H. L. Wendl. ex Pfeiff. | Creation | | Wheel Cactus |
| GB, IL, MX | OPUNT_ROB | UPOV code name / Spanish | Opuntia robusta H. L. Wendl. ex Pfeiff. | Modification | Tuna tapna | Tuna tapona |
| GB, IL, MX | OPUNT_ROB | UPOV code name / Spanish | Opuntia robusta H. L. Wendl. ex Pfeiff. | Creation | | Camuesa |
| GB, IL, MX | OPUNT_ROB | UPOV code name / Spanish | Opuntia robusta H. L. Wendl. ex Pfeiff. | Creation | | Joconoxtle |
| GB, IL, MX | OPUNT_ROB | UPOV code name / Spanish | Opuntia robusta H. L. Wendl. ex Pfeiff. | Creation | | Nopal camueso |
| GB, IL, MX | OPUNT_ROB | UPOV code name / Spanish | Opuntia robusta H. L. Wendl. ex Pfeiff. | Creation | | Nopal tapón |
| GB, IL, MX | OPUNT_ROB | UPOV code name / Spanish | Opuntia robusta H. L. Wendl. ex Pfeiff. | Creation | | Tuna bartolona |
| GB, IL, MX | OPUNT_ROB | UPOV code name / Spanish | Opuntia robusta H. L. Wendl. ex Pfeiff. | Creation | | Tuna tapón |
| GB, IL, MX | OPUNT_ROB | UPOV code name / Spanish | Opuntia robusta H. L. Wendl. ex Pfeiff. | Creation | | Tuna tapna |
| GB, IL, MX | OPUNT_ROB | UPOV code name / Spanish | Opuntia robusta H. L. Wendl. ex Pfeiff. | Creation | | Bartolona |
| GB, IL, MX | OPUNT_SPI | UPOV code | Opuntia spinulifera Salm-Dyck | Creation | | OPUNT_SPI |
| GB, IL, MX | OPUNT_SPI | Genus code | Opuntia spinulifera Salm-Dyck | Creation | | OPUNT |
| GB, IL, MX | OPUNT_SPI | Species code | Opuntia spinulifera Salm-Dyck | Creation | | SPI |
| GB, IL, MX | OPUNT_SPI | Denomination class | Opuntia spinulifera Salm-Dyck | Creation | | OPUNT |
| GB, IL, MX | OPUNT_SPI | UPOV code name / Latin | Opuntia spinulifera Salm-Dyck | Creation | | Opuntia spinulifera Salm-Dyck |
| GB, IL, MX | OPUNT_SPI | UPOV code name / Spanish | Opuntia spinulifera Salm-Dyck | Creation | | Tuna blanca |

IL – ISRAEL

| Checking authority | UPOV code | Field name | Principal botanical name | Action | Old value | New value |
|-----------------------------------|-----------|--------------------------|-------------------------------|----------|-----------|----------------------------|
| GB, IL, MX | OPUNT_SPI | UPOV code name / Spanish | Opuntia spinulifera Salm-Dyck | Creation | | Nopal ardilla |
| GB, IL, MX | OPUNT_SPI | UPOV code name / Spanish | Opuntia spinulifera Salm-Dyck | Creation | | Nopal corriente |
| GB, IL, MX | OPUNT_STR | UPOV code | Opuntia streptacantha Lem. | Creation | | OPUNT_STR |
| GB, IL, MX | OPUNT_STR | Genus code | Opuntia streptacantha Lem. | Creation | | OPUNT |
| GB, IL, MX | OPUNT_STR | Species code | Opuntia streptacantha Lem. | Creation | | STR |
| GB, IL, MX | OPUNT_STR | Denomination class | Opuntia streptacantha Lem. | Creation | | OPUNT |
| GB, IL, MX | OPUNT_STR | UPOV code name / Latin | Opuntia streptacantha Lem. | Creation | | Opuntia streptacantha Lem. |
| GB, IL, MX | OPUNT_STR | UPOV code name / English | Opuntia streptacantha Lem. | Creation | | Gracemere-pear |
| GB, IL, MX | OPUNT_STR | UPOV code name / English | Opuntia streptacantha Lem. | Creation | | Westwood-pear |
| GB, IL, MX | OPUNT_STR | UPOV code name / Spanish | Opuntia streptacantha Lem. | Creation | | Nopal cardón |
| GB, IL, MX | OPUNT_STR | UPOV code name / Spanish | Opuntia streptacantha Lem. | Creation | | Chaveño |
| GB, IL, MX | OPUNT_STR | UPOV code name / Spanish | Opuntia streptacantha Lem. | Creation | | Cenizo |
| GB, IL, MX | OPUNT_STR | UPOV code name / Spanish | Opuntia streptacantha Lem. | Creation | | Cardón |
| GB, IL, MX | OPUNT_STR | UPOV code name / Spanish | Opuntia streptacantha Lem. | Creation | | Tuna cardona |
| GB, IL, MX | OPUNT_STR | UPOV code name / Spanish | Opuntia streptacantha Lem. | Creation | | Nopal hartón |
| AU, CL, IL, MX, NZ, QZ, US, ZA | PERSE_AME | UPOV code name / Spanish | Persea americana Mill. | Creation | | Palto |

Please remember to also check the UPOV Code amendments in Part B above

IT – ITALY

| Checking authority | UPOV code | Field name | Principal botanical name | Action | Old value | New value |
|--------------------|-----------|------------------------|--------------------------------------|----------|-----------|------------------|
| ES, IL, IT, MX, ZA | OPUNT_AMY | UPOV code | Opuntia amyclaea | Creation | | OPUNT_AMY |
| ES, IL, IT, MX, ZA | OPUNT_AMY | Genus code | Opuntia amyclaea | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_AMY | Species code | Opuntia amyclaea | Creation | | AMY |
| ES, IL, IT, MX, ZA | OPUNT_AMY | Denomination class | Opuntia amyclaea | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_AMY | UPOV code name / Latin | Opuntia amyclaea | Creation | | Opuntia amyclaea |
| ES, IL, IT, MX, ZA | OPUNT_DUR | UPOV code | Opuntia duranguensis Britton et Rose | Creation | | OPUNT_DUR |
| ES, IL, IT, MX, ZA | OPUNT_DUR | UPOV code | Opuntia duranguensis Britton et Rose | Creation | | OPUNT_DUR |

IT – ITALY

| Checking authority | UPOV code | Field name | Principal botanical name | Action | Old value | New value |
|--------------------|-----------|------------------------|--------------------------------------|----------|-----------|--------------------------------------|
| ES, IL, IT, MX, ZA | OPUNT_DUR | Genus code | Opuntia duranguensis Britton et Rose | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_DUR | Genus code | Opuntia duranguensis Britton et Rose | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_DUR | Species code | Opuntia duranguensis Britton et Rose | Creation | | DUR |
| ES, IL, IT, MX, ZA | OPUNT_DUR | Species code | Opuntia duranguensis Britton et Rose | Creation | | DUR |
| ES, IL, IT, MX, ZA | OPUNT_DUR | Denomination class | Opuntia duranguensis Britton et Rose | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_DUR | Denomination class | Opuntia duranguensis Britton et Rose | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_DUR | UPOV code name / Latin | Opuntia duranguensis Britton et Rose | Creation | | Opuntia duranguensis Britton et Rose |
| ES, IL, IT, MX, ZA | OPUNT_DUR | UPOV code name / Latin | Opuntia duranguensis Britton et Rose | Creation | | Opuntia durangensis Britton et Rose |
| ES, IL, IT, MX, ZA | OPUNT_DUR | UPOV code name / Latin | Opuntia duranguensis Britton et Rose | Creation | | Opuntia durangensis Britton et Rose |
| ES, IL, IT, MX, ZA | OPUNT_DUR | UPOV code name / Latin | Opuntia duranguensis Britton et Rose | Creation | | Opuntia duranguensis Britton et Rose |
| ES, IL, IT, MX, ZA | OPUNT_HEL | UPOV code | Opuntia heliabravoana Sheinvar | Creation | | OPUNT_HEL |
| ES, IL, IT, MX, ZA | OPUNT_HEL | Genus code | Opuntia heliabravoana Sheinvar | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_HEL | Species code | Opuntia heliabravoana Sheinvar | Creation | | HEL |
| ES, IL, IT, MX, ZA | OPUNT_HEL | Denomination class | Opuntia heliabravoana Sheinvar | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_HEL | UPOV code name / Latin | Opuntia heliabravoana Sheinvar | Creation | | Opuntia heliabravoana Sheinvar |
| ES, IL, IT, MX, ZA | OPUNT_JOC | UPOV code | Opuntia joconostle Weber | Creation | | OPUNT_JOC |
| ES, IL, IT, MX, ZA | OPUNT_JOC | Genus code | Opuntia joconostle Weber | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_JOC | Species code | Opuntia joconostle Weber | Creation | | JOC |
| ES, IL, IT, MX, ZA | OPUNT_JOC | Denomination class | Opuntia joconostle Weber | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_JOC | UPOV code name / Latin | Opuntia joconostle Weber | Creation | | Opuntia joconostle Weber |
| ES, IL, IT, MX, ZA | OPUNT_LAS | UPOV code | Opuntia lasyacantha Pfeiffer | Creation | | OPUNT_LAS |
| ES, IL, IT, MX, ZA | OPUNT_LAS | Genus code | Opuntia lasyacantha Pfeiffer | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_LAS | Species code | Opuntia lasyacantha Pfeiffer | Creation | | LAS |
| ES, IL, IT, MX, ZA | OPUNT_LAS | Denomination class | Opuntia lasyacantha Pfeiffer | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_LAS | UPOV code name / Latin | Opuntia lasyacantha Pfeiffer | Creation | | Opuntia lasyacantha Pfeiffer |
| ES, IL, IT, MX, ZA | OPUNT_MAT | UPOV code | Opuntia matudae Sheinvar | Creation | | OPUNT_MAT |
| ES, IL, IT, MX, ZA | OPUNT_MAT | Genus code | Opuntia matudae Sheinvar | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_MAT | Species code | Opuntia matudae Sheinvar | Creation | | MAT |
| ES, IL, IT, MX, ZA | OPUNT_MAT | Denomination class | Opuntia matudae Sheinvar | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_MAT | UPOV code name / Latin | Opuntia matudae Sheinvar | Creation | | Opuntia matudae Sheinvar |

IT – ITALY

| Checking authority | UPOV code | Field name | Principal botanical name | Action | Old value | New value |
|--------------------|-----------|------------------------|------------------------------|----------|-----------|------------------------------|
| ES, IL, IT, MX, ZA | OPUNT_OLI | UPOV code | Opuntia oligacantha Sheinvar | Creation | | OPUNT_OLI |
| ES, IL, IT, MX, ZA | OPUNT_OLI | Genus code | Opuntia oligacantha Sheinvar | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_OLI | Species code | Opuntia oligacantha Sheinvar | Creation | | OLI |
| ES, IL, IT, MX, ZA | OPUNT_OLI | Denomination class | Opuntia oligacantha Sheinvar | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_OLI | UPOV code name / Latin | Opuntia oligacantha Sheinvar | Creation | | Opuntia oligacantha Sheinvar |

Please remember to also check the UPOV Code amendments in Part B above

JP – JAPAN

| Checking authority | UPOV code | Field name | Principal botanical name | Action | Old value | New value |
|--------------------|-----------|--------------------------|--------------------------------------|----------|-----------|---|
| JP | BENIN_HIS | UPOV code name / Latin | Benincasa hispida (Thunb.) Cogn. | Creation | | Lagenaria siceraria (Molina) Standl. var. hispida (Thunb. ex Murray) Hara |
| JP | BENIN_HIS | UPOV code name / English | Benincasa hispida (Thunb.) Cogn. | Creation | | Chinese preserving-melon |
| JP | BENIN_HIS | UPOV code name / English | Benincasa hispida (Thunb.) Cogn. | Creation | | Whit gourd |
| JP | BENIN_HIS | UPOV code name / English | Benincasa hispida (Thunb.) Cogn. | Creation | | Chinese wax gourd |
| JP | BENIN_HIS | UPOV code name / English | Benincasa hispida (Thunb.) Cogn. | Creation | | Winter-melon |
| JP | BENIN_HIS | UPOV code name / English | Benincasa hispida (Thunb.) Cogn. | Creation | | Winter gourd |
| JP | BENIN_HIS | UPOV code name / English | Benincasa hispida (Thunb.) Cogn. | Creation | | Chinese squash |
| JP | BENIN_HIS | UPOV code name / English | Benincasa hispida (Thunb.) Cogn. | Creation | | Ash-pumpkin |
| JP | BENIN_HIS | UPOV code name / English | Benincasa hispida (Thunb.) Cogn. | Creation | | Chinese-watermelon |
| JP | BENIN_HIS | UPOV code name / English | Benincasa hispida (Thunb.) Cogn. | Creation | | White-pumpkin |
| JP | BENIN_HIS | UPOV code name / English | Benincasa hispida (Thunb.) Cogn. | Creation | | Ash Gourd |
| JP | BENIN_HIS | UPOV code name / French | Benincasa hispida (Thunb.) Cogn. | Creation | | Pastèque de Chine |
| JP | BENIN_HIS | UPOV code name / French | Benincasa hispida (Thunb.) Cogn. | Creation | | Courge cireuse |
| JP | BENIN_HIS | UPOV code name / French | Benincasa hispida (Thunb.) Cogn. | Creation | | Benincasa |
| JP | BENIN_HIS | UPOV code name / French | Benincasa hispida (Thunb.) Cogn. | Creation | | Courge à cire |
| JP | BENIN_HIS | UPOV code name / German | Benincasa hispida (Thunb.) Cogn. | Creation | | Wachskürbis |
| JP | BENIN_HIS | UPOV code name / Spanish | Benincasa hispida (Thunb.) Cogn. | Creation | | Calabaza blanca |
| AR, ES, GB, JP, MX | PONCI_POL | UPOV code | Poncirus polyandra S. Q. Ding et al. | Creation | | PONCI_POL |

JP – JAPAN

| Checking authority | UPOV code | Field name | Principal botanical name | Action | Old value | New value |
|--------------------|-----------|------------------------|--------------------------------------|----------|-----------|--------------------------------------|
| AR, ES, GB, JP, MX | PONCI_POL | Genus code | Poncirus polyandra S. Q. Ding et al. | Creation | | PONCI |
| AR, ES, GB, JP, MX | PONCI_POL | Species code | Poncirus polyandra S. Q. Ding et al. | Creation | | POL |
| AR, ES, GB, JP, MX | PONCI_POL | Denomination class | Poncirus polyandra S. Q. Ding et al. | Creation | | PONCI |
| AR, ES, GB, JP, MX | PONCI_POL | UPOV code name / Latin | Poncirus polyandra S. Q. Ding et al. | Creation | | Poncirus polyandra S. Q. Ding et al. |

Please remember to also check the UPOV Code amendments in Part B above

KE – KENYA

| Checking authority | UPOV code | Field name | Principal botanical name | Action | Old value | New value |
|----------------------------|-----------|------------------------|--|----------|-----------|--|
| BR, FR, IL, KE, MX, US, ZA | COFFE_ACA | UPOV code | Coffea arabica L. x Coffea canephora Pierre ex A. Froehner | Creation | | COFFE_ACA |
| BR, FR, IL, KE, MX, US, ZA | COFFE_ACA | Genus code | Coffea arabica L. x Coffea canephora Pierre ex A. Froehner | Creation | | COFFE |
| BR, FR, IL, KE, MX, US, ZA | COFFE_ACA | Species code | Coffea arabica L. x Coffea canephora Pierre ex A. Froehner | Creation | | ACA |
| BR, FR, IL, KE, MX, US, ZA | COFFE_ACA | Denomination class | Coffea arabica L. x Coffea canephora Pierre ex A. Froehner | Creation | | COFFE |
| BR, FR, IL, KE, MX, US, ZA | COFFE_ACA | UPOV code name / Latin | Coffea arabica L. x Coffea canephora Pierre ex A. Froehner | Creation | | Coffea arabica L. x Coffea canephora Pierre ex A. Froehner |

Please remember to also check the UPOV Code amendments in Part B above

MX – MEXICO

| Checking authority | UPOV code | Field name | Principal botanical name | Action | Old value | New value |
|----------------------------|-----------|--------------|--|----------|-----------|-----------|
| BR, FR, IL, KE, MX, US, ZA | COFFE_ACA | UPOV code | Coffea arabica L. x Coffea canephora Pierre ex A. Froehner | Creation | | COFFE_ACA |
| BR, FR, IL, KE, MX, US, ZA | COFFE_ACA | Genus code | Coffea arabica L. x Coffea canephora Pierre ex A. Froehner | Creation | | COFFE |
| BR, FR, IL, KE, MX, US, ZA | COFFE_ACA | Species code | Coffea arabica L. x Coffea canephora Pierre ex A. Froehner | Creation | | ACA |

MX – MEXICO

| Checking authority | UPOV code | Field name | Principal botanical name | Action | Old value | New value |
|----------------------------|-----------|------------------------|--|----------|-----------|--|
| BR, FR, IL, KE, MX, US, ZA | COFFE_ACA | Denomination class | Coffea arabica L. x Coffea canephora Pierre ex A. Froehner | Creation | | COFFE |
| BR, FR, IL, KE, MX, US, ZA | COFFE_ACA | UPOV code name / Latin | Coffea arabica L. x Coffea canephora Pierre ex A. Froehner | Creation | | Coffea arabica L. x Coffea canephora Pierre ex A. Froehner |
| ES, IL, IT, MX, ZA | OPUNT_AMY | UPOV code | Opuntia amyclaea | Creation | | OPUNT_AMY |
| ES, IL, IT, MX, ZA | OPUNT_AMY | Genus code | Opuntia amyclaea | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_AMY | Species code | Opuntia amyclaea | Creation | | AMY |
| ES, IL, IT, MX, ZA | OPUNT_AMY | Denomination class | Opuntia amyclaea | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_AMY | UPOV code name / Latin | Opuntia amyclaea | Creation | | Opuntia amyclaea |
| ES, IL, IT, MX, ZA | OPUNT_DUR | UPOV code | Opuntia duranguensis Britton et Rose | Creation | | OPUNT_DUR |
| ES, IL, IT, MX, ZA | OPUNT_DUR | UPOV code | Opuntia duranguensis Britton et Rose | Creation | | OPUNT_DUR |
| ES, IL, IT, MX, ZA | OPUNT_DUR | Genus code | Opuntia duranguensis Britton et Rose | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_DUR | Genus code | Opuntia duranguensis Britton et Rose | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_DUR | Species code | Opuntia duranguensis Britton et Rose | Creation | | DUR |
| ES, IL, IT, MX, ZA | OPUNT_DUR | Species code | Opuntia duranguensis Britton et Rose | Creation | | DUR |
| ES, IL, IT, MX, ZA | OPUNT_DUR | Denomination class | Opuntia duranguensis Britton et Rose | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_DUR | Denomination class | Opuntia duranguensis Britton et Rose | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_DUR | UPOV code name / Latin | Opuntia duranguensis Britton et Rose | Creation | | Opuntia duranguensis Britton et Rose |
| ES, IL, IT, MX, ZA | OPUNT_DUR | UPOV code name / Latin | Opuntia duranguensis Britton et Rose | Creation | | Opuntia durangensis Britton et Rose |
| ES, IL, IT, MX, ZA | OPUNT_DUR | UPOV code name / Latin | Opuntia duranguensis Britton et Rose | Creation | | Opuntia durangensis Britton et Rose |
| ES, IL, IT, MX, ZA | OPUNT_DUR | UPOV code name / Latin | Opuntia duranguensis Britton et Rose | Creation | | Opuntia duranguensis Britton et Rose |
| ES, IL, IT, MX, ZA | OPUNT_HEL | UPOV code | Opuntia heliabravoana Sheinvar | Creation | | OPUNT_HEL |
| ES, IL, IT, MX, ZA | OPUNT_HEL | Genus code | Opuntia heliabravoana Sheinvar | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_HEL | Species code | Opuntia heliabravoana Sheinvar | Creation | | HEL |
| ES, IL, IT, MX, ZA | OPUNT_HEL | Denomination class | Opuntia heliabravoana Sheinvar | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_HEL | UPOV code name / Latin | Opuntia heliabravoana Sheinvar | Creation | | Opuntia heliabravoana Sheinvar |
| GB, IL, MX | OPUNT_HYP | UPOV code | Opuntia hyptiacantha F. A. C. Weber | Creation | | OPUNT_HYP |
| GB, IL, MX | OPUNT_HYP | Genus code | Opuntia hyptiacantha F. A. C. Weber | Creation | | OPUNT |
| GB, IL, MX | OPUNT_HYP | Species code | Opuntia hyptiacantha F. A. C. Weber | Creation | | HYP |
| GB, IL, MX | OPUNT_HYP | Denomination class | Opuntia hyptiacantha F. A. C. Weber | Creation | | OPUNT |
| GB, IL, MX | OPUNT_HYP | UPOV code name / Latin | Opuntia hyptiacantha F. A. C. Weber | Creation | | Opuntia hyptiacantha F. A. C. Weber |

MX – MEXICO

| Checking authority | UPOV code | Field name | Principal botanical name | Action | Old value | New value |
|--------------------|-----------|--------------------------|-------------------------------------|----------|-----------|------------------------------|
| GB, IL, MX | OPUNT_HYP | UPOV code name / Spanish | Opuntia hyptiacantha F. A. C. Weber | Creation | | Nopal cascarón |
| GB, IL, MX | OPUNT_HYP | UPOV code name / Spanish | Opuntia hyptiacantha F. A. C. Weber | Creation | | Nopal memelo |
| GB, IL, MX | OPUNT_HYP | UPOV code name / Spanish | Opuntia hyptiacantha F. A. C. Weber | Creation | | Tuna cascarona |
| GB, IL, MX | OPUNT_HYP | UPOV code name / Spanish | Opuntia hyptiacantha F. A. C. Weber | Creation | | Tuna chaveña |
| GB, IL, MX | OPUNT_HYP | UPOV code name / Spanish | Opuntia hyptiacantha F. A. C. Weber | Creation | | Tuna memela |
| ES, IL, IT, MX, ZA | OPUNT_JOC | UPOV code | Opuntia joconostle Weber | Creation | | OPUNT_JOC |
| ES, IL, IT, MX, ZA | OPUNT_JOC | Genus code | Opuntia joconostle Weber | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_JOC | Species code | Opuntia joconostle Weber | Creation | | JOC |
| ES, IL, IT, MX, ZA | OPUNT_JOC | Denomination class | Opuntia joconostle Weber | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_JOC | UPOV code name / Latin | Opuntia joconostle Weber | Creation | | Opuntia joconostle Weber |
| ES, IL, IT, MX, ZA | OPUNT_LAS | UPOV code | Opuntia lasyacantha Pfeiffer | Creation | | OPUNT_LAS |
| ES, IL, IT, MX, ZA | OPUNT_LAS | Genus code | Opuntia lasyacantha Pfeiffer | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_LAS | Species code | Opuntia lasyacantha Pfeiffer | Creation | | LAS |
| ES, IL, IT, MX, ZA | OPUNT_LAS | Denomination class | Opuntia lasyacantha Pfeiffer | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_LAS | UPOV code name / Latin | Opuntia lasyacantha Pfeiffer | Creation | | Opuntia lasyacantha Pfeiffer |
| GB, IL, MX | OPUNT_LEU | UPOV code | Opuntia leucotricha DC. | Creation | | OPUNT_LEU |
| GB, IL, MX | OPUNT_LEU | Genus code | Opuntia leucotricha DC. | Creation | | OPUNT |
| GB, IL, MX | OPUNT_LEU | Species code | Opuntia leucotricha DC. | Creation | | LEU |
| GB, IL, MX | OPUNT_LEU | Denomination class | Opuntia leucotricha DC. | Creation | | OPUNT |
| GB, IL, MX | OPUNT_LEU | UPOV code name / Latin | Opuntia leucotricha DC. | Creation | | Opuntia leucotricha DC. |
| GB, IL, MX | OPUNT_LEU | UPOV code name / English | Opuntia leucotricha DC. | Creation | | Aaron's-beard prickly-pear |
| GB, IL, MX | OPUNT_LEU | UPOV code name / Spanish | Opuntia leucotricha DC. | Creation | | Duraznillo blanco |
| GB, IL, MX | OPUNT_LEU | UPOV code name / Spanish | Opuntia leucotricha DC. | Creation | | Nopal duraznillo |
| GB, IL, MX | OPUNT_LEU | UPOV code name / Spanish | Opuntia leucotricha DC. | Creation | | Nopal colorado |
| GB, IL, MX | OPUNT_LEU | UPOV code name / Spanish | Opuntia leucotricha DC. | Creation | | Nopal blanco |
| ES, IL, IT, MX, ZA | OPUNT_MAT | UPOV code | Opuntia matudae Sheinvar | Creation | | OPUNT_MAT |
| ES, IL, IT, MX, ZA | OPUNT_MAT | Genus code | Opuntia matudae Sheinvar | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_MAT | Species code | Opuntia matudae Sheinvar | Creation | | MAT |
| ES, IL, IT, MX, ZA | OPUNT_MAT | Denomination class | Opuntia matudae Sheinvar | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_MAT | UPOV code name / Latin | Opuntia matudae Sheinvar | Creation | | Opuntia matudae Sheinvar |

MX – MEXICO

| Checking authority | UPOV code | Field name | Principal botanical name | Action | Old value | New value |
|--------------------|-----------|--------------------------|---|----------|-----------|---|
| GB, IL, MX | OPUNT_MEG | UPOV code | Opuntia megacantha Salm-Dyck | Creation | | OPUNT_MEG |
| GB, IL, MX | OPUNT_MEG | Genus code | Opuntia megacantha Salm-Dyck | Creation | | OPUNT |
| GB, IL, MX | OPUNT_MEG | Species code | Opuntia megacantha Salm-Dyck | Creation | | MEG |
| GB, IL, MX | OPUNT_MEG | Denomination class | Opuntia megacantha Salm-Dyck | Creation | | OPUNT |
| GB, IL, MX | OPUNT_MEG | UPOV code name / Latin | Opuntia megacantha Salm-Dyck | Creation | | Opuntia megacantha Salm-Dyck |
| GB, IL, MX | OPUNT_MEG | UPOV code name / English | Opuntia megacantha Salm-Dyck | Creation | | Mission Prickly-Pear |
| GB, IL, MX | OPUNT_MEG | UPOV code name / English | Opuntia megacantha Salm-Dyck | Creation | | Panini |
| GB, IL, MX | OPUNT_MEG | UPOV code name / English | Opuntia megacantha Salm-Dyck | Creation | | Nopal |
| GB, IL, MX | OPUNT_MEG | UPOV code name / French | Opuntia megacantha Salm-Dyck | Creation | | Oponce de Castille |
| GB, IL, MX | OPUNT_MEG | UPOV code name / German | Opuntia megacantha Salm-Dyck | Creation | | Gelber Feigenkaktus |
| GB, IL, MX | OPUNT_MEG | UPOV code name / Spanish | Opuntia megacantha Salm-Dyck | Creation | | Nopalito |
| GB, IL, MX | OPUNT_MEG | UPOV code name / Spanish | Opuntia megacantha Salm-Dyck | Creation | | Tuna fina |
| GB, IL, MX | OPUNT_MEG | UPOV code name / Spanish | Opuntia megacantha Salm-Dyck | Creation | | Nopal tapón |
| GB, IL, MX | OPUNT_MEG | UPOV code name / Spanish | Opuntia megacantha Salm-Dyck | Creation | | Nopal amarillo |
| ES, IL, IT, MX, ZA | OPUNT_OLI | UPOV code | Opuntia oligacantha Sheinvar | Creation | | OPUNT_OLI |
| ES, IL, IT, MX, ZA | OPUNT_OLI | Genus code | Opuntia oligacantha Sheinvar | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_OLI | Species code | Opuntia oligacantha Sheinvar | Creation | | OLI |
| ES, IL, IT, MX, ZA | OPUNT_OLI | Denomination class | Opuntia oligacantha Sheinvar | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_OLI | UPOV code name / Latin | Opuntia oligacantha Sheinvar | Creation | | Opuntia oligacantha Sheinvar |
| GB, IL, MX | OPUNT_ROB | UPOV code | Opuntia robusta H. L. Wendl. ex Pfeiff. | Creation | | OPUNT_ROB |
| GB, IL, MX | OPUNT_ROB | Genus code | Opuntia robusta H. L. Wendl. ex Pfeiff. | Creation | | OPUNT |
| GB, IL, MX | OPUNT_ROB | Species code | Opuntia robusta H. L. Wendl. ex Pfeiff. | Creation | | ROB |
| GB, IL, MX | OPUNT_ROB | Denomination class | Opuntia robusta H. L. Wendl. ex Pfeiff. | Creation | | OPUNT |
| GB, IL, MX | OPUNT_ROB | UPOV code name / Latin | Opuntia robusta H. L. Wendl. ex Pfeiff. | Creation | | Opuntia robusta H. L. Wendl. ex Pfeiff. |
| GB, IL, MX | OPUNT_ROB | UPOV code name / English | Opuntia robusta H. L. Wendl. ex Pfeiff. | Creation | | Wheel Cactus |
| GB, IL, MX | OPUNT_ROB | UPOV code name / Spanish | Opuntia robusta H. L. Wendl. ex Pfeiff. | Creation | | Tuna tapna |
| GB, IL, MX | OPUNT_ROB | UPOV code name / Spanish | Opuntia robusta H. L. Wendl. ex Pfeiff. | Creation | | Nopal tapón |
| GB, IL, MX | OPUNT_ROB | UPOV code name / Spanish | Opuntia robusta H. L. Wendl. ex Pfeiff. | Creation | | Tuna bartolona |
| GB, IL, MX | OPUNT_ROB | UPOV code name / Spanish | Opuntia robusta H. L. Wendl. ex Pfeiff. | Creation | | Tuna tapón |
| GB, IL, MX | OPUNT_ROB | UPOV code name / Spanish | Opuntia robusta H. L. Wendl. ex Pfeiff. | Creation | | Camuesa |

MX – MEXICO

| Checking authority | UPOV code | Field name | Principal botanical name | Action | Old value | New value |
|-----------------------------------|-----------|--------------------------|---|--------------|------------|-------------------------------|
| GB, IL, MX | OPUNT_ROB | UPOV code name / Spanish | Opuntia robusta H. L. Wendl. ex Pfeiff. | Creation | | Bartolona |
| GB, IL, MX | OPUNT_ROB | UPOV code name / Spanish | Opuntia robusta H. L. Wendl. ex Pfeiff. | Creation | | Joconoxtle |
| GB, IL, MX | OPUNT_ROB | UPOV code name / Spanish | Opuntia robusta H. L. Wendl. ex Pfeiff. | Modification | Tuna tapna | Tuna tapona |
| GB, IL, MX | OPUNT_ROB | UPOV code name / Spanish | Opuntia robusta H. L. Wendl. ex Pfeiff. | Creation | | Nopal camueso |
| GB, IL, MX | OPUNT_SPI | UPOV code | Opuntia spinulifera Salm-Dyck | Creation | | OPUNT_SPI |
| GB, IL, MX | OPUNT_SPI | Genus code | Opuntia spinulifera Salm-Dyck | Creation | | OPUNT |
| GB, IL, MX | OPUNT_SPI | Species code | Opuntia spinulifera Salm-Dyck | Creation | | SPI |
| GB, IL, MX | OPUNT_SPI | Denomination class | Opuntia spinulifera Salm-Dyck | Creation | | OPUNT |
| GB, IL, MX | OPUNT_SPI | UPOV code name / Latin | Opuntia spinulifera Salm-Dyck | Creation | | Opuntia spinulifera Salm-Dyck |
| GB, IL, MX | OPUNT_SPI | UPOV code name / Spanish | Opuntia spinulifera Salm-Dyck | Creation | | Nopal corriente |
| GB, IL, MX | OPUNT_SPI | UPOV code name / Spanish | Opuntia spinulifera Salm-Dyck | Creation | | Tuna blanca |
| GB, IL, MX | OPUNT_SPI | UPOV code name / Spanish | Opuntia spinulifera Salm-Dyck | Creation | | Nopal ardilla |
| GB, IL, MX | OPUNT_STR | UPOV code | Opuntia streptacantha Lem. | Creation | | OPUNT_STR |
| GB, IL, MX | OPUNT_STR | Genus code | Opuntia streptacantha Lem. | Creation | | OPUNT |
| GB, IL, MX | OPUNT_STR | Species code | Opuntia streptacantha Lem. | Creation | | STR |
| GB, IL, MX | OPUNT_STR | Denomination class | Opuntia streptacantha Lem. | Creation | | OPUNT |
| GB, IL, MX | OPUNT_STR | UPOV code name / Latin | Opuntia streptacantha Lem. | Creation | | Opuntia streptacantha Lem. |
| GB, IL, MX | OPUNT_STR | UPOV code name / English | Opuntia streptacantha Lem. | Creation | | Gracemere-pear |
| GB, IL, MX | OPUNT_STR | UPOV code name / English | Opuntia streptacantha Lem. | Creation | | Westwood-pear |
| GB, IL, MX | OPUNT_STR | UPOV code name / Spanish | Opuntia streptacantha Lem. | Creation | | Cenizo |
| GB, IL, MX | OPUNT_STR | UPOV code name / Spanish | Opuntia streptacantha Lem. | Creation | | Cardón |
| GB, IL, MX | OPUNT_STR | UPOV code name / Spanish | Opuntia streptacantha Lem. | Creation | | Tuna cardona |
| GB, IL, MX | OPUNT_STR | UPOV code name / Spanish | Opuntia streptacantha Lem. | Creation | | Nopal hartón |
| GB, IL, MX | OPUNT_STR | UPOV code name / Spanish | Opuntia streptacantha Lem. | Creation | | Nopal cardón |
| GB, IL, MX | OPUNT_STR | UPOV code name / Spanish | Opuntia streptacantha Lem. | Creation | | Chaveño |
| AU, CL, IL, MX, NZ, QZ, US, ZA | PERSE_AME | UPOV code name / Spanish | Persea americana Mill. | Creation | | Palto |
| AR, ES, GB, JP, MX | PONCI_POL | UPOV code | Poncirus polyandra S. Q. Ding et al. | Creation | | PONCI_POL |
| AR, ES, GB, JP, MX | PONCI_POL | Genus code | Poncirus polyandra S. Q. Ding et al. | Creation | | PONCI |
| AR, ES, GB, JP, MX | PONCI_POL | Species code | Poncirus polyandra S. Q. Ding et al. | Creation | | POL |

MX – MEXICO

| Checking authority | UPOV code | Field name | Principal botanical name | Action | Old value | New value |
|--------------------|-----------|------------------------|--------------------------------------|----------|-----------|--------------------------------------|
| AR, ES, GB, JP, MX | PONCI_POL | Denomination class | Poncirus polyandra S. Q. Ding et al. | Creation | | PONCI |
| AR, ES, GB, JP, MX | PONCI_POL | UPOV code name / Latin | Poncirus polyandra S. Q. Ding et al. | Creation | | Poncirus polyandra S. Q. Ding et al. |

Please remember to also check the UPOV Code amendments in Part B above

NZ - NEW ZEALAND

| Checking authority | UPOV code | Field name | Principal botanical name | Action | Old value | New value |
|--------------------------------|-----------|--------------------------|-----------------------------------|--------------|---------------------------------------|-----------------------------------|
| AU, CL, IL, MX, NZ, QZ, US, ZA | PERSE_AME | UPOV code name / Spanish | Persea americana Mill. | Creation | | Palto |
| AU, NZ, QZ, US, ZA | PRUNU_SAM | UPOV code name / Latin | Prunus salicina x P. armeniaca L. | Modification | Prunus salicina x Prunus armeniaca L. | Prunus salicina x P. armeniaca L. |

Please remember to also check the UPOV Code amendments in Part B above

QZ - COMMUNITY PLANT VARIETY OFFICE (CPVO)

| Checking authority | UPOV code | Field name | Principal botanical name | Action | Old value | New value |
|------------------------------------|-----------|--------------------------|--|--------------|--|--|
| AR, AU, CA, CZ, DE, FR, QZ, RU, UA | CRYLS_AVE | UPOV code name / Latin | Corylus avellana L. | Creation | | Corylus maxima Mill. |
| AU, CL, IL, MX, NZ, QZ, US, ZA | PERSE_AME | UPOV code name / Spanish | Persea americana Mill. | Creation | | Palto |
| AU, NZ, QZ, US, ZA | PRUNU_SAM | UPOV code name / Latin | Prunus salicina x P. armeniaca L. | Modification | Prunus salicina x Prunus armeniaca L. | Prunus salicina x P. armeniaca L. |
| QZ | PRUNU_TCS | UPOV code name / Latin | Prunus tomentosa thunb x P. cerasifera | Modification | Prunus tomentosa thunb x prunus cerasifera | Prunus tomentosa thunb x P. cerasifera |

Please remember to also check the UPOV Code amendments in Part B above

RU – RUSSIAN FEDERATION

| Checking authority | UPOV code | Field name | Principal botanical name | Action | Old value | New value |
|------------------------------------|-----------|------------------------|--------------------------|----------|-----------|----------------------|
| AR, AU, CA, CZ, DE, FR, QZ, RU, UA | CRYLS_AVE | UPOV code name / Latin | Corylus avellana L. | Creation | | Corylus maxima Mill. |

Please remember to also check the UPOV Code amendments in Part B above

UA – UKRAINE

| Checking authority | UPOV code | Field name | Principal botanical name | Action | Old value | New value |
|------------------------------------|-----------|------------------------|--------------------------|----------|-----------|----------------------|
| AR, AU, CA, CZ, DE, FR, QZ, RU, UA | CRYLS_AVE | UPOV code name / Latin | Corylus avellana L. | Creation | | Corylus maxima Mill. |

Please remember to also check the UPOV Code amendments in Part B above

US – UNITED STATES OF AMERICA

| Checking authority | UPOV code | Field name | Principal botanical name | Action | Old value | New value |
|--------------------------------|-----------|--------------------------|--|--------------|---------------------------------------|--|
| BR, FR, IL, KE, MX, US, ZA | COFFE_ACA | UPOV code | Coffea arabica L. x Coffea canephora Pierre ex A. Froehner | Creation | | COFFE_ACA |
| BR, FR, IL, KE, MX, US, ZA | COFFE_ACA | Genus code | Coffea arabica L. x Coffea canephora Pierre ex A. Froehner | Creation | | COFFE |
| BR, FR, IL, KE, MX, US, ZA | COFFE_ACA | Species code | Coffea arabica L. x Coffea canephora Pierre ex A. Froehner | Creation | | ACA |
| BR, FR, IL, KE, MX, US, ZA | COFFE_ACA | Denomination class | Coffea arabica L. x Coffea canephora Pierre ex A. Froehner | Creation | | COFFE |
| BR, FR, IL, KE, MX, US, ZA | COFFE_ACA | UPOV code name / Latin | Coffea arabica L. x Coffea canephora Pierre ex A. Froehner | Creation | | Coffea arabica L. x Coffea canephora Pierre ex A. Froehner |
| AU, CL, IL, MX, NZ, QZ, US, ZA | PERSE_AME | UPOV code name / Spanish | Persea americana Mill. | Creation | | Palto |
| AU, NZ, QZ, US, ZA | PRUNU_SAM | UPOV code name / Latin | Prunus salicina x P. armeniaca L. | Modification | Prunus salicina x Prunus armeniaca L. | Prunus salicina x P. armeniaca L. |

Please remember to also check the UPOV Code amendments in Part B above

ZA – SOUTH AFRICA

| Checking authority | UPOV code | Field name | Principal botanical name | Action | Old value | New value |
|----------------------------|-----------|------------------------|--|----------|-----------|--|
| BR, FR, IL, KE, MX, US, ZA | COFFE_ACA | UPOV code | Coffea arabica L. x Coffea canephora Pierre ex A. Froehner | Creation | | COFFE_ACA |
| BR, FR, IL, KE, MX, US, ZA | COFFE_ACA | Genus code | Coffea arabica L. x Coffea canephora Pierre ex A. Froehner | Creation | | COFFE |
| BR, FR, IL, KE, MX, US, ZA | COFFE_ACA | Species code | Coffea arabica L. x Coffea canephora Pierre ex A. Froehner | Creation | | ACA |
| BR, FR, IL, KE, MX, US, ZA | COFFE_ACA | Denomination class | Coffea arabica L. x Coffea canephora Pierre ex A. Froehner | Creation | | COFFE |
| BR, FR, IL, KE, MX, US, ZA | COFFE_ACA | UPOV code name / Latin | Coffea arabica L. x Coffea canephora Pierre ex A. Froehner | Creation | | Coffea arabica L. x Coffea canephora Pierre ex A. Froehner |
| ES, IL, IT, MX, ZA | OPUNT_AMY | UPOV code | Opuntia amyclaea | Creation | | OPUNT_AMY |
| ES, IL, IT, MX, ZA | OPUNT_AMY | Genus code | Opuntia amyclaea | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_AMY | Species code | Opuntia amyclaea | Creation | | AMY |
| ES, IL, IT, MX, ZA | OPUNT_AMY | Denomination class | Opuntia amyclaea | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_AMY | UPOV code name / Latin | Opuntia amyclaea | Creation | | Opuntia amyclaea |
| ES, IL, IT, MX, ZA | OPUNT_DUR | UPOV code | Opuntia duranguensis Britton et Rose | Creation | | OPUNT_DUR |
| ES, IL, IT, MX, ZA | OPUNT_DUR | UPOV code | Opuntia duranguensis Britton et Rose | Creation | | OPUNT_DUR |
| ES, IL, IT, MX, ZA | OPUNT_DUR | Genus code | Opuntia duranguensis Britton et Rose | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_DUR | Genus code | Opuntia duranguensis Britton et Rose | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_DUR | Species code | Opuntia duranguensis Britton et Rose | Creation | | DUR |
| ES, IL, IT, MX, ZA | OPUNT_DUR | Species code | Opuntia duranguensis Britton et Rose | Creation | | DUR |
| ES, IL, IT, MX, ZA | OPUNT_DUR | Denomination class | Opuntia duranguensis Britton et Rose | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_DUR | Denomination class | Opuntia duranguensis Britton et Rose | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_DUR | UPOV code name / Latin | Opuntia duranguensis Britton et Rose | Creation | | Opuntia durangensis Britton et Rose |
| ES, IL, IT, MX, ZA | OPUNT_DUR | UPOV code name / Latin | Opuntia duranguensis Britton et Rose | Creation | | Opuntia duranguensis Britton et Rose |
| ES, IL, IT, MX, ZA | OPUNT_DUR | UPOV code name / Latin | Opuntia duranguensis Britton et Rose | Creation | | Opuntia durangensis Britton et Rose |
| ES, IL, IT, MX, ZA | OPUNT_DUR | UPOV code name / Latin | Opuntia duranguensis Britton et Rose | Creation | | Opuntia duranguensis Britton et Rose |
| ES, IL, IT, MX, ZA | OPUNT_HEL | UPOV code | Opuntia heliabravoana Sheinvar | Creation | | OPUNT_HEL |
| ES, IL, IT, MX, ZA | OPUNT_HEL | Genus code | Opuntia heliabravoana Sheinvar | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_HEL | Species code | Opuntia heliabravoana Sheinvar | Creation | | HEL |
| ES, IL, IT, MX, ZA | OPUNT_HEL | Denomination class | Opuntia heliabravoana Sheinvar | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_HEL | UPOV code name / Latin | Opuntia heliabravoana Sheinvar | Creation | | Opuntia heliabravoana Sheinvar |

ZA – SOUTH AFRICA

| Checking authority | UPOV code | Field name | Principal botanical name | Action | Old value | New value |
|--------------------|-----------|------------------------|------------------------------|----------|-----------|------------------------------|
| ES, IL, IT, MX, ZA | OPUNT_JOC | UPOV code | Opuntia joconostle Weber | Creation | | OPUNT_JOC |
| ES, IL, IT, MX, ZA | OPUNT_JOC | Genus code | Opuntia joconostle Weber | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_JOC | Species code | Opuntia joconostle Weber | Creation | | JOC |
| ES, IL, IT, MX, ZA | OPUNT_JOC | Denomination class | Opuntia joconostle Weber | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_JOC | UPOV code name / Latin | Opuntia joconostle Weber | Creation | | Opuntia joconostle Weber |
| ES, IL, IT, MX, ZA | OPUNT_LAS | UPOV code | Opuntia lasyacantha Pfeiffer | Creation | | OPUNT_LAS |
| ES, IL, IT, MX, ZA | OPUNT_LAS | Genus code | Opuntia lasyacantha Pfeiffer | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_LAS | Species code | Opuntia lasyacantha Pfeiffer | Creation | | LAS |
| ES, IL, IT, MX, ZA | OPUNT_LAS | Denomination class | Opuntia lasyacantha Pfeiffer | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_LAS | UPOV code name / Latin | Opuntia lasyacantha Pfeiffer | Creation | | Opuntia lasyacantha Pfeiffer |
| ES, IL, IT, MX, ZA | OPUNT_MAT | UPOV code | Opuntia matudae Sheinvar | Creation | | OPUNT_MAT |
| ES, IL, IT, MX, ZA | OPUNT_MAT | Genus code | Opuntia matudae Sheinvar | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_MAT | Species code | Opuntia matudae Sheinvar | Creation | | MAT |
| ES, IL, IT, MX, ZA | OPUNT_MAT | Denomination class | Opuntia matudae Sheinvar | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_MAT | UPOV code name / Latin | Opuntia matudae Sheinvar | Creation | | Opuntia matudae Sheinvar |
| ES, IL, IT, MX, ZA | OPUNT_OLI | UPOV code | Opuntia oligacantha Sheinvar | Creation | | OPUNT_OLI |
| ES, IL, IT, MX, ZA | OPUNT_OLI | Genus code | Opuntia oligacantha Sheinvar | Creation | | OPUNT |
| ES, IL, IT, MX, ZA | OPUNT_OLI | Species code | Opuntia oligacantha Sheinvar | Creation | | OLI |

Please remember to also check the UPOV Code amendments in Part B above

[End of Annex V and of document]