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Geneva

ADMINISTRATIVE AND LEGAL COMMITTEE

Seventy-First Session
Geneva, March 26, 2015

UPOV INFORMATION DATABASES

Document prepared by the Office of the Union

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EXECUTIVE SUMMARY

1. The purpose of this document is to provide an update on developments concerning: the GENIE database; UPOV Codes; and the PLUTO database, and to present a proposal concerning the "Denomination Search" page of the PLUTO database.

2. The CAJ is invited to:

(a) note the information on allocation of crop type(s) for UPOV codes currently used in the PLUTO database, as set out in paragraphs 10 and 11;

(b) note that information on crop type(s) will be introduced in the GENIE database and the GENIE database will be modified to show the crop type(s) for each UPOV Code by the end of March 2015;

(c) note that a standard report for TWP allocations for UPOV codes will be introduced on the GENIE webpage by the end of March 2015;

(d) note that allocation of crop type(s) for further UPOV codes will occur when UPOV codes are used in the PLUTO database for the first time;

(e) note that the Office of the Union will prepare tables of allocation of crop type(s) for UPOV codes used in the PLUTO database for the first time for checking by the relevant authorities, for each of the TWP sessions in 2015;

(f) note the developments concerning UPOV codes, as set out in paragraph 14 of this document;

(g) note the summary of contributions to the PLUTO database from 2012 to 2014 and the current situation of members of the Union on data contribution, as presented in Annex II to this document;

(h) note that an additional column in the PLUTO search screen, showing the date on which the information was provided, will be introduced by the end of March 2015;

(i) agree that both the fields "Denomination" and "Breeder's Ref" be searchable, independently or in combination, by denomination search tools on the "Denomination Search" page of the PLUTO database,

as set out in paragraphs 26 and 27 taking into account the conclusions of the TC at its fifty-first session¹ that will be reported to the CAJ at its seventy-first session²; and

(j) note the information concerning the training course “Contributing data to the PLUTO database”, held in Geneva in December 2014, as set out in paragraphs 28 to 30 and the plans to organize three further courses, in English, French and Spanish, in 2015.

3. The following abbreviations are used in this document:

CAJ:	Administrative and Legal Committee
TC:	Technical Committee
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
TWP(s):	Technical Working Party(ies)
TWV:	Technical Working Party for Vegetables

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ANNEX II	REPORT ON DATA CONTRIBUTED TO THE PLANT VARIETY DATABASE BY MEMBERS OF THE UNION AND OTHER CONTRIBUTORS AND ASSISTANCE FOR DATA CONTRIBUTION

PURPOSE

5. The purpose of this document is to provide an update on developments concerning: the GENIE database; UPOV Codes; and the PLUTO database, and to present a proposal concerning the “Denomination Search” page of the PLUTO database.

¹ to be held in Geneva from March 23 to 25, 2015

² to be held in Geneva, on March 26, 2015

GENIE DATABASE

6. It is recalled that the GENIE database (<http://www.upov.int/genie/en/>) has been developed to provide, for example, online information on the status of protection (see document C/[session]/6), cooperation in examination (see document C/[session]/5), experience in DUS testing (see document TC/[session]/4), and existence of UPOV Test Guidelines (see document TC/[session]/2) for different GENera and specIEs (hence GENIE), and is used to generate the relevant Council and Technical Committee (TC) documents concerning that information. In addition, the GENIE database is the repository of the UPOV codes and also provides information concerning alternative botanical and common names.

Information on type of crop

7. The background of this matter is provided in document CAJ/70/8 "UPOV Information Databases".

8. The CAJ, at its seventieth session, held in Geneva, on October 14, 2014, noted the plan to provide information on type of crop for UPOV codes (see document CAJ/70/10 "Report on the Conclusions", paragraph 35).

9. On December 15, 2014, the TC and TWP members and observers were invited to comment, by January 30, 2015, on the crop type(s) allocated by the Office of the Union to the 3,412 UPOV codes used in the PLUTO database at that time (see Circular E-14/312). A copy of the UPOV codes and allocated crop type(s) is provided on the TC/51 website for information. The comments received are presented in Annex I to this document (in language received).

10. On the basis of the comments received, the information on crop type(s) will be introduced in the GENIE database and the GENIE database will be modified to show the crop type(s) for each UPOV Code by the end of March 2015. A standard report for TWP allocations for UPOV codes will also be introduced on the GENIE webpage by the end of March 2015.

11. As indicated above, crop type(s) have only been allocated to the 3,412 UPOV codes currently used in the PLUTO database. Allocation of crop type(s) for other UPOV codes will occur at the time that the UPOV codes are used in the PLUTO database for the first time. In a similar way to the checking of UPOV code additions and amendments, it is proposed that the Office of the Union prepare tables of allocation of crop type(s) for UPOV codes used in the PLUTO database for the first time, for checking by the relevant authorities, for each of the TWP sessions in 2015.

12. *The CAJ is invited to note:*

(a) the information on allocation of crop type(s) for UPOV codes currently used in the PLUTO database, as set out in paragraphs 10 and 11;

(b) that information on crop type(s) will be introduced in the GENIE database and the GENIE database will be modified to show the crop type(s) for each UPOV Code by the end of March 2015;

(c) that a standard report for TWP allocations for UPOV codes will be introduced on the GENIE webpage by the end of March 2015;

(d) that allocation of crop type(s) for further UPOV codes will occur when UPOV codes are used in the PLUTO database for the first time; and

(e) that the Office of the Union will prepare tables of allocation of crop type(s) for UPOV codes used in the PLUTO database for the first time for checking by the relevant authorities, for each of the TWP sessions in 2015.

UPOV CODE SYSTEM

Guide to the UPOV Code System

13. The “Guide to the UPOV Code System” is available on the UPOV website (see http://www.upov.int/genie/en/pdf/upov_code_system.pdf).

UPOV code developments

14. In 2014, 577 new UPOV codes were created and amendments were made to 37 existing UPOV codes. The total number of UPOV codes in the GENIE database at the end of 2014 was 7,808.

	Year								
	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
New UPOV codes	n/a	n/a	300 (approx)	148	114	173	212	209	577
Amendments	n/a	n/a	30 (approx)	17	6	12	5	47*	37
Total UPOV Codes (at end of year)	5,977	6,169	6,346	6,582	6,683	6,851	7,061	7,251	7,808

* including changes to UPOV codes resulting from the amendment of the “Guide to the UPOV Code System” concerning hybrids (see document TC/49/6).

15. In accordance with the procedure set out in Section 3.3 of the Guide to the UPOV Code System, the Office of the Union will prepare tables of UPOV code additions and amendments, for checking by the relevant authorities, for each of the TWP sessions in 2015.

16. The CAJ is invited to note the developments concerning UPOV codes, as set out in paragraph 14 of this document.

PLUTO DATABASE

Program for improvements to the PLUTO database (“Program”)

17. The CAJ, at its sixty-eighth session, held on October 21, 2013, considered document CAJ/68/6 “UPOV information databases” and approved the amendments to the program for improvements to the PLUTO database (“Program”) as set out in document CAJ/68/6, Annex II, subject to certain further amendments agreed at that session (see document CAJ/68/10 “Report on the Conclusions”, paragraphs 23 to 26)

18. The program reflecting amendments approved at previous sessions is available in document TC/50/6 “UPOV Information Databases”, Annex I.

19. The following paragraphs provide a summary of developments concerning the Program since the seventieth session of the CAJ, held in Geneva, on October 13, 2014.

Provision of assistance to contributors (Program: section 2)

20. Annex II to this document provides a summary of the contributions to the PLUTO database from 2012 to 2014 and the current situation of members of the Union on data contribution.

Information on the latest date of submission by the contributors (Program: section 2)

21. The TC, at its forty-ninth session, noted that, for the short-term, information on the latest date of submission by the contributors was provided by the PLUTO database in the form of a pdf document. However, in the longer term, it was planned that the date of submission would be provided for individual data retrieved from the database (see document TC/49/41 “Report on the Conclusions”, paragraph 93).

22. In that regard, it was planned to create an additional column in the PLUTO search screen showing the date on which the information was provided.
23. The additional column showing the date on which the information will be introduced in the PLUTO database by the end of March 2015.

Search tools

24. Matters concerning the possible development of a similarity search tool for variety denomination purposes are reported under agenda item 5 "Variety Denominations" (see document CAJ/71/3 "Variety Denominations", paragraphs 6 to 13).

Searching for denominations in the item "Breeder's Ref" on "Denomination Search" page

25. The PLUTO database provides two search pages; "Term Search" and "Denomination Search". The Term Search page enables searches on any of the data fields in the PLUTO database and any combination of data fields. The Denomination Search page enables searches only in the variety denomination data field and some search tools (e.g. similarity factor) are different from Term Search page. The field "Breeder's Ref" cannot be searched in the Denomination Search page, although the field might contain information relevant for variety denominations.
26. It is proposed to provide the possibility to search both the data field "Denomination" and "Breeder's Ref" using the denomination search tools on the Denomination Search page, either individually or in combination.
27. The conclusions of the TC at its fifty-first session³ on this matter, will be reported to the CAJ at its seventy-first session⁴.

PLUTO Database Training Course

28. On December 9 to 11, 2014, a training course "Contributing data to the PLUTO database", was held in Geneva. The aim of the course was to provide assistance to members of the Union that did not provide data for the PLUTO database, or did not provide data on a regular basis, in order to enable them to provide data for the PLUTO database on a regular basis. The course was in the form of practical, hands-on training, provided by the PLUTO administrators. At the end of the course, participants were required to present:
- (i) action required by participants to be able to provide data for the PLUTO database;
 - (ii) action required by PLUTO database administrator;
 - (iii) date by which participants intend to start to provide data to PLUTO on a regular basis (i.e. shortly after it is published by the authority(ies) concerned)
29. The training course was attended by 11 participants from nine members of the Union: Albania; Belarus; China; Georgia; Jordan; Republic of Moldova; Trinidad and Tobago; Uzbekistan; and Viet Nam.
30. The dates by which participants intend to start provide data to PLUTO on a regular basis are provided in Annex II to this document.
31. Three further courses, in English, French and Spanish, are planned to be held in 2015.

32. *The CAJ is invited to:*

(a) note the summary of contributions to the PLUTO database from 2012 to 2014 and the current situation of members of the Union on data contribution, as presented in Annex II to this document;

³ to be held in Geneva from March 23 to 25, 2015

⁴ to be held in Geneva, on March 26, 2015

(b) note that an additional column in the PLUTO search screen, showing the date on which the information was provided, will be introduced by the end of March 2015;

(c) agree that both the fields "Denomination" and "Breeder's Ref" be searchable, independently or in combination, by denomination search tools on the "Denomination Search" page of the PLUTO database, as set out in paragraphs 25 and 26 taking into account the conclusions of the TC, at its fifty-first session; and

(d) note the information concerning the training course "Contributing data to the PLUTO database", held in Geneva in December 2014, as set out in paragraphs 28 to 30 and the plans to organize three further courses, in English, French and Spanish, in 2015.

[Annexes follow]

ANNEX I

COMMENTS RECEIVED ON THE CROP TYPE(S) ALLOCATED BY THE OFFICE OF THE UNION TO THE UPOV CODES CURRENTLY USED IN THE PLUTO DATABASE

UPOV codes	Botanical name	Allocation (original)			Proposed allocation			Proposed allocation	Explanation on original text
		TWP alloc.	Ornamental plants (O)	Forest trees (T)	TWP alloc.	Ornamental plants (O)	Forest trees (T)		
ABIES	Abies Mill.	TWO		T	TWO		T	add O	There are also ornamental varieties
ABIES	Abies Mill.				TWO	O			
ABIES_BAL	Abies balsamea (L.) Mill.	TWO		T	TWO		T	add O	There are also ornamental varieties
ABIES_BAL	Abies balsamea (L.) Mill.				TWO	O			
ABIES_KOR	Abies koreana E. H. Wilson	TWO		T	TWO		T	add O	There are also ornamental varieties
ABIES_KOR	Abies koreana E. H. Wilson				TWO	O			
ALLIU_PRO	Allium fistulosum × Allium cepa	TWO	O		TWO	O		add TWV	Se sugiere que Allium fistulosum x Allium cepa, además de ser considerado en TWO, también sea considerado en el TWV, debido a que su mayor explotación en México es como un vegetal.
ALLIU_PRO	Allium fistulosum × Allium cepa	TWV			TWV				
BETUL_PEN	Betula pendula Roth	TWO	O		TWO	O		add T	common forest tree in Poland
BETUL_PEN	Betula pendula Roth				TWO		T		
BRASS_NAP	Brassica napus L.	TWV			TWA			delete TWV and add TWA	Brasica Napus L. es un cultivo anual, cuya semilla es usada principalmente como semilla oleaginosa y para forraje por tal motivo, se recomienda que sea analizada en el TWA.
BRASS_NIG	Sinapis nigra L.	TWV			TWV			add TWA	to be also considered as agricultural plant
BRASS_NIG	Sinapis nigra L.				TWA				
CARPI_BET	Carpinus betulus L.	TWO	O		TWO	O		add T	common forest tree in Poland
CARPI_BET	Carpinus betulus L.				TWO		T		

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UPOV codes	Botanical name	Allocation (original)			Proposed allocation			Proposed allocation	Explanation on original text
		TWP alloc.	Ornamental plants (O)	Forest trees (T)	TWP alloc.	Ornamental plants (O)	Forest trees (T)		
CICER_ARI	Cicer arietinum L.	TWV			TWV			add TWA	Debido a que Cicer arietinum L. es un cultivo anual que pertenece a la familia de las leguminosas, cuyo fruto constituye un recurso alimenticio, el cual no solo se consume como legumbre (semilla inmadura) sino tambien como semilla madura. Se recomienda que Cicer arietinum sea considerado en el TWV y TWA.
CICER_ARI	Cicer arietinum L.				TWA				
CUCUM_MEL	Cucumis melo L.	TWF			TWV			remove TWF and add TWV	Se sugiere el cambio de Cucumis melo L. por pertenecer a la familia cucurbitaceae.
CUCUM_MEL	Cucumis melo L.	TWF			TWV			delete TWF and add TWV	In Poland it belongs to vegetables, is also discussed on UPOV TWV and CPVO VEM
CUCUM_MEL	Melo sativus Sarg.	TWF			TWV				
CUCUM_MEL_MEL	Cucumis melo L. subsp. melo	TWF			TWV			delete TWF and add TWV	In Poland it belongs to vegetables, is also discussed on UPOV TWV and CPVO VEM
ECNCE_PUR	Echinacea purpurea (L.) Moench	TWO	O		TWO	O		add TWA	it is also medicinal plant
ECNCE_PUR	Echinacea purpurea (L.) Moench				TWA				
FAGUS_SYL	Fagus sylvatica L.	TWO	O		TWO	O		add T	common forest tree in Poland
FAGUS_SYL	Fagus sylvatica L.				TWO		T		
FRAXI_EXC	Fraxinus excelsior L.	TWO	O		TWO	O		add T	common forest tree in Poland
FRAXI_EXC	Fraxinus excelsior L.				TWO		T		
IPOMO_BAT	Ipomoea batatas (L.) Lam.	TWA			TWV			TWP	considered a vegetable
IPOMO_BAT	Ipomoea batatas (L.) Poir.	TWA			TWV				
JATRO_CUR	Jatropha curcas L.	TWO	O		TWF			delete TWO and add TWF	Se sugiere que Jatropha Curcas. sea revisado en el TWF, debido a que su producción es principalmente para la obtención de su fruto, el cual tiene un alto potencial para la producción de biodisel.

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UPOV codes	Botanical name	Allocation (original)			Proposed allocation			Proposed allocation	Explanation on original text
		TWP alloc.	Ornamental plants (O)	Forest trees (T)	TWP alloc.	Ornamental plants (O)	Forest trees (T)		
NEOTY	Neotyphodium	TWV			TWA			TWA	Endophytes for pasture plants
NEOTY_ACR	Neotyphodium acremonium	TWV			TWA			TWA	Endophytes for pasture plants
NEOTY_ACR	Acremonium	TWV			TWA				
NEOTY_COE	Neotyphodium coenophialum	TWV			TWA			TWA	Endophytes for pasture plants
NEOTY_LOL	Neotyphodium lolii	TWV			TWA			TWA	Endophytes for pasture plants
NEOTY_UNC	Neotyphodium uncinatum (W. Gams, Petrini & D. Schmidt) Glenn, C.W. Bacon & Hanlin	TWV			TWA			TWA	Endophytes for pasture plants
PHASE_VUL	Phaseolus vulgaris L.	TWV			TWV			add TWA	Debido a que el frijol es un cultivo anual que pertenece a la familia de las leguminosas y a que produce una vaina comestible que puede ser consumida como legumbre (ejote) y a que tambien sus semillas secas son consumidas, se recomienda que a Phaseolus vulgaris se le asigne al TWV y TWA.
PHASE_VUL	Phaseolus vulgaris L.				TWA				
PICEA_ABI	Picea abies (L.) H. Karst.	TWO		T	TWO		T	add O	There are also ornamental varieties
PICEA_ABI	Picea abies (L.) H. Karst.				TWO	O			
PICEA_GLA	Picea glauca (Moench) Voss	TWO		T	TWO		T	add O	There are also ornamental varieties
PICEA_GLA	Picea glauca (Moench) Voss				TWO	O			
PICEA_OMO	Picea omorika (Pancic) Purk.	TWO		T	TWO		T	add O	There are also ornamental varieties
PICEA_OMO	Picea omorika (Pancic) Purk.				TWO	O			
PICEA_PUN	Picea pungens Engelm.	TWO		T	TWO		T	add O	There are also ornamental varieties
PICEA_PUN	Picea pungens Engelm.				TWO	O			
PSIDI_GUA	Psidium guajava L.	TWO		T	TWF			delete TWO and add TWF	Las plantaciones de Psidium guajava L. son destinadas principalmente para la producción de su fruto, el cual es consumido como fruta fresca y ampliamente destinado a la industria alimentaria. Por tal motivo sugerimos que esta especie sea analizada en el TWF.
PSIDI_GUA	Psidium guajava L.	TWO	O						
PYRUS_LEC	Pyrus xlecontei Rehder	TWO		T	TWF			TWF	There are fruit varieties
PYRUS_LEC	Pyrus communis x P. pyrifolia	TWO		T	TWF				

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UPOV codes	Botanical name	Allocation (original)			Proposed allocation			Proposed allocation	Explanation on original text
		TWP alloc.	Ornamental plants (O)	Forest trees (T)	TWP alloc.	Ornamental plants (O)	Forest trees (T)		
PYRUS_USS	<i>Pyrus ussuriensis</i> Maxim.	TWO		T	TWF			TWF	There are fruit varieties. Chinese pears
RAPBR	<i>Raphanus x Brassica</i>	TWV			TWV			also TWA	also TWA. Forage varieties
RAPBR	<i>Raphanus x Brassica</i>				TWA				
RAPBR_SRA	<i>Raphanus sativus x Brassica rapa</i>	TWV			TWV			also TWA	also TWA. Forage varieties
RAPBR_SRA	<i>Raphanus sativus x Brassica rapa</i>				TWA				
RICIN_COM	<i>Ricinus communis</i> L.	TWO			TWA			delete TWO and add TWA	Se sugiere que <i>Ricinus communis</i> L. sea revisado en el TWA, debido a que es una oleaginosa cuyo uso potencial es la producción de biodisel y no como planta ornamental.
ROSMA	<i>Rosmarinus</i> L.	TWV			TWV			also TWO	Variegated varieties as Ornamentals
ROSMA	<i>Rosmarinus</i> L.				TWO	O			
SALVI_OFF	<i>Salvia officinalis</i> L.	TWO	O		TWO	O		add TWA	it is also common medicinal plant
SALVI_OFF	<i>Salvia officinalis</i> L.				TWA				
SECHI_EDU	<i>Sechium edule</i> (Jacq.) Sw.	TWA			TWV			delete TWA and TWF, and add TWV	El cambio se sugiere por que <i>Sechium edule</i> (Jacq) Sw pertenece a la familia cucurbitaceae., y su uso es generalmente como hortaliza.
SECHI_EDU	<i>Sechium edule</i> (Jacq.) Sw.	TWF							
TRFOL	<i>Trifolium</i> L.	TWV			TWV			also TWO	Ornamental clover varieties exist
TRFOL	<i>Trifolium</i> L.				TWO	O			
VICIA_FAB	<i>Vicia faba</i> L.	TWV			TWV			add TWA	Al igual que el <i>Phaseolus Vulgaris</i> L., <i>Vicia faba</i> L., es un cultivo anual que pertenece a la familia de las leguminosas y sus semillas inmaduras se consumen como legumbre y las maduras como grano, por tal motivo se recomienda que se le asigne a TWV y TWA.
VICIA_FAB	<i>Vicia faba</i> L.				TWA				
VICIA_FAB_MAJ	<i>Vicia faba</i> L. var. major Harz	TWA			TWA			add TWV	belongs to vegetables, for var. major and var.minor the same guidelines are used
VICIA_FAB_MAJ	<i>Vicia faba</i> L. var. major Harz				TWV				
VICIA_FAB_MIN	<i>Vicia faba</i> L. var. minor Harz	TWA			TWA			add TWV	belongs to vegetables, for var. major and var.minor the same guidelines are used
VICIA_FAB_MIN	<i>Vicia faba</i> L. var. minor Harz				TWV				

[Annex II follows]

ANNEX II

REPORT ON DATA CONTRIBUTED TO THE PLANT VARIETY DATABASE BY MEMBERS OF THE UNION AND OTHER CONTRIBUTORS AND ASSISTANCE FOR DATA CONTRIBUTION

Contributor	Number of applications for Plant Breeders' Rights in 2012	Number of new data submissions to the Plant Variety Database in 2011 ⁵	Number of new data submissions to the Plant Variety Database in 2012 ⁶	Number of new data submissions to the Plant Variety Database in 2013	Number of new data submissions to the Plant Variety Database in 2014	Current situation
Albania	16 (2007)	0	0	0	0	Joined the training course and prepare to submit the data at the end of each year or on the first month of the next year.
Argentina	231 (2010)	0	0	1	0	Staff who provided data left; waiting for new staff to be trained
Australia	304	6	5	6	3	[Contributing data]
*Austria	2 (2011)	4	4	4	3	
Azerbaijan	62 (2011)	0	0	0	0	Awaiting reply to e-mail of 14/05/2014 requesting data
Belarus	47	0	1	0	0	Joined the training course and prepare to submit the data on every March.
*Belgium	3	3	4	4	4	
Bolivia	16	0	0	0	0	Awaiting response to the request for data during the meeting on 21/10/2014
Brazil	315	2	5	5	4	[Contributing data]
*Bulgaria	18	5	6	6	5	
Canada	386	5	6	5	5	[Contributing data]
Chile	84	3	3	3	1	[Contributing data]
China	1,583	0	1	0	1	[Contributing data] MOA joined the training course and prepare to submit major part of existing data by March, 2015, and complete data by the end of 2015. After that, prepare to submit data after 2 month of Gazette publication.
Colombia	119	0	0	0	0	Awaiting response to the request for data during the meeting on 21/02/2014. Contacted during meetings with example of data.
Costa Rica	5 (2011)	0	(1)	0	2	[Contributing data]
*Croatia	11	1	1	0	0	
*Czech Republic	78	6	4	6	4	
*Denmark	6	6	6	6	8	
Dominican Republic	0 (2011)	0	0	0	0	Awaiting reply to e-mail of 21/10/2014 requesting data
Ecuador	71	2	3	2	1	[Contributing data]
*Estonia	7	4	5	4	4	
*European Union	2,868	6	6	6	6	

⁵ '6' indicates that new data was submitted for all six (6) new versions of the UPOV-ROM issued in 2011.

⁶ '3' indicates that new data was submitted for all three (3) new versions of the UPOV-ROM issued in 2012.

() Parenthesis indicates that data are currently being processed.

* Data provided via the CPVO.

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Contributor	Number of applications for Plant Breeders' Rights in 2012	Number of new data submissions to the Plant Variety Database in 2011 ⁵	Number of new data submissions to the Plant Variety Database in 2012 ⁶	Number of new data submissions to the Plant Variety Database in 2013	Number of new data submissions to the Plant Variety Database in 2014	Current situation
*Finland	5	4	3	3	2	
*France	107	6	6	5	6	
Georgia	20	0	0	2	1	[Contributing data]
*Germany	98	6	6	6	8	
*Hungary	25	5	6	6	6	
*Iceland	0	1	0	0	0	
*Ireland	1	4	2	2	2	
Israel	68	1	0	0	2	[Contributing data]
*Italy	14	6	6	6	4	
Japan	1,110	2	1	2	5	[Contributing data]
Jordan	0 (2010)	0	(1)	0	0	Joined the training course and prepare to submit the data in March, 2015.
Kenya	55	0	0	1	2	[Contributing data]
Kyrgyzstan	1	0	1	0	1	[Contributing data]
*Latvia	7	3	2	1	3	
*Lithuania	14	3	2	3	2	
Mexico	118	0	1	1	1	[Contributing data]
Morocco	81	0	1	1	0	[Contributing data] Awaiting reply to email of 08/08/2014 requesting new data
*Netherlands	639	5	6	6	3	
New Zealand	132	6	5	3	5	[Contributing data]
Nicaragua	5	0	0	0	0	Awaiting reply to e-mail of 21/10/2014 requesting data
*Norway	29	5	3	3	1	
Oman	0 (2009)	0	0	0	0	Awaiting reply to e-mail of 21/10/2014 requesting data
Panama	3	0	0	0	0	Awaiting reply to e-mail of 21/10/2014 requesting data
Paraguay	20	0	0	0	0	Awaiting reply to e-mail of 21/10/2014 requesting data
Peru	32	0	1	0	2	[Contributing data]
*Poland	70	4	6	5	5	
*Portugal	5 (2011)	1	1	1	2	
Republic of Korea	606	5	1	2	1	[Contributing data]
Republic of Moldova	34	1	1	0	2	[Contributing data] Joined the training course and prepare to submit the data on 1st March, 2015.
*Romania	51	6	4	3	4	
Russian Federation	691	5	5	4	2	[Contributing data]
Serbia	130	-	-	3	2	[Contributing data]
Singapore	0	0	0	0	0	[No applications] Email received 17/10/2013 stating no applications.

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Contributor	Number of applications for Plant Breeders' Rights in 2012	Number of new data submissions to the Plant Variety Database in 2011 ⁵	Number of new data submissions to the Plant Variety Database in 2012 ⁶	Number of new data submissions to the Plant Variety Database in 2013	Number of new data submissions to the Plant Variety Database in 2014	Current situation
*Slovakia	20	4	5	6	4	
*Slovenia	3	5	4	3	5	
South Africa	337	0	2	2	0	[Contributing data]
*Spain	47	6	6	4	4	
*Sweden	5	5	4	5	7	
*Switzerland	69	4	5	6	6	
The former Yugoslav Republic of Macedonia	-	0	0	0	0	Awaiting reply to e-mail of 21/10/2014 requesting data
Trinidad and Tobago	0	0	0	0	0	Joined the training course and prepare to submit some data on the third week of January, 2015, as a beginning.
Tunisia	32	0	0	0	0	Awaiting reply to e-mail of 23/07/2014 requesting data
*Turkey	122	3	2	1	1	
Ukraine	1,281	0	0	0	0	Awaiting reply to e-mail of 21/10/2014 requesting data
*United Kingdom	55	6	6	6	10	
United States of America	1,648	4	5	6	10	[Contributing data]
Uruguay	56	0	1	0	1	[Contributing data]
Uzbekistan	8	(1)	0	0	0	Joined the training course and prepare to submit the data in 2015
Viet Nam	102	(1)	0	0	0	Joined the training course and prepare to submit the data in 2015
OECD	-	2	1	1	1	[Contributing data]

[End of Annex II and of document]