

Technical Committee

TC/55/INF/2

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UPOV INFORMATION DATABASES – MATTERS FOR INFORMATION

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.
2. Matters for consideration by the Technical Committee (TC) on the UPOV Code system; UPOV Codes and the PLUTO database are presented in document TC/55/5 “UPOV information databases”.
3. The structure of this document is as follows:

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4. The following abbreviations are used in this document:

CAJ:	Administrative and Legal Committee
TC:	Technical Committee
TWA:	Technical Working Party for Agricultural Crops
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
WG-DEN:	Working Group on Variety Denominations

GENIE DATABASE

Background

5. 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 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.

UPOV CODE SYSTEM

Guide to the UPOV Code System

6. 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

7. In 2019, to August 6, 2019, 171 new UPOV codes were created. The total number of UPOV codes in the GENIE database as of August 6, 2019 was 9,012.

	Year									
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019 (to August 6)
New UPOV codes	114	173	212	209	577	188	173	440	242	171
Amendments	6	12	5	47*	37	11	16	1	5	0
Total UPOV Codes	6,683	6,851	7,061	7,251	7,808	7,992	8,149	8,589	8,844	9,012

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

TWP checking

8. Section 3.3 (e) of the “Guide to the UPOV Code System” provides the following:

“(e) New and amended UPOV codes will be presented to the relevant Technical Working Parties (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”.

9. In accordance with the procedure set out in Section 3.3 (e) of the Guide to the UPOV Code System, the Office of the Union prepared tables of UPOV code additions and amendments, for checking by the relevant authorities, for each of the TWP sessions in 2019.

10. Experts of the Technical Working Party for Ornamental Plants and Forest Trees (TWO), Technical Working Party for Vegetables (TWV) and Technical Working Party for Fruit Crops (TWF), have been requested, and the Technical Working Party for Agricultural Crops (TWA) will be requested, to check the amendments to UPOV codes and the new UPOV codes or new information added for existing UPOV codes and to submit comments by December 31, 2019.

PLUTO DATABASE

Program for improvements to the PLUTO database

11. The background to this matter is provided in document TC/54/6 “UPOV Information databases”, paragraphs 58 to 59.
12. The annex to this document provides a summary of the contributions to the PLUTO database from 2015 to 2019 and the current situation of members of the Union on data contribution.

Search tools

13. Matters concerning the possible development of a similarity search tool for variety denomination purposes are reported in document TC/55/INF/7 “Variety Denominations”.

Content of the PLUTO Database

14. Matters concerning content of the PLUTO database are reported in document TC/55/INF/7 “Variety denominations – matters for information”.

[Annex follows]

ANNEX

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

Contributor	Number of applications for PBR in 2017	Number of new data submissions to PLUTO in 2015	Number of new data submissions to PLUTO in 2016	Number of new data submissions to PLUTO in 2017	Number of new data submissions to PLUTO in 2018	Number of new data submissions to PLUTO in 2019 (to August 6)	Situation at August 6, 2019
African Intellectual Property Organization	4	0	0	0	0	0	A reminder e-mail with instructions for contribution was sent in July 2019, following receipt of incomplete data.
Albania	0 (2016)	1	1	0	0	0	Latest data under preparation.
Argentina	299	0	1	0	0	0	A reminder e-mail was sent in August 2019.
Australia	343	5	7	5	22	11	
*Austria	0	3	4	4	5	4	
Azerbaijan	19 (2014)	0	0	0	0	0	A reminder e-mail was sent in July 2019.
Belarus	33	0	1	0	0	0	A reminder e-mail was sent in July 2019.
*Belgium	3	6	5	3	5	4	
Bolivia (Plurinational State of)	13	0	1	1	0	0	A reminder e-mail was sent in August 2019.
Bosnia and Herzegovina	0	n.a.	n.a.	0	0	0	Data under preparation.
Brazil	339	3	0	3	5	7	
*Bulgaria	48	12	6	3	4	7	
Canada	310	7	11	11	10	8	
Chile	115	4	6	5	7	5	
China	4,465	2	1	1	0	0	A reminder e-mail was sent in July 2019.
Colombia	124	0	0	2	0	0	A reminder e-mail was sent in July 2019.
Costa Rica	5	1	3	2	1	5	
*Croatia	13	3	2	2	2	1	
*Czech Republic	57	3	6	9	6	5	
*Denmark	7	12	11	10	7	8	
Dominican Republic	5 (2009)	0	0	0	0	0	A reminder e-mail was sent in July 2019.
Ecuador	81	0	0	1	1	0	A reminder e-mail was sent in August 2019.

* Data provided via the CPVO.

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Contributor	Number of applications for PBR in 2017	Number of new data submissions to PLUTO in 2015	Number of new data submissions to PLUTO in 2016	Number of new data submissions to PLUTO in 2017	Number of new data submissions to PLUTO in 2018	Number of new data submissions to PLUTO in 2019 (to August 6)	Situation at August 6, 2019
*Estonia	10	9	3	3	9	5	
*European Union	3,422	10	13	7	11	5	
*Finland	14	2	2	2	3	1	
*France	158	13	11	8	8	9	
Georgia	17	0	2	0	2	0	A reminder e-mail was sent in August 2019.
*Germany	39	11	12	8	9	7	
*Hungary	16	16	19	14	11	12	
*Iceland	0 (2012)	0	0	0	0	0	
*Ireland	1	2	2	1	2	1	
Israel	53	1	1	1	0	7	
*Italy	5	8	6	6	3	3	
Japan	1,019	4	1	2	3	2	
Jordan	3 (2016)	0	1	0	0	0	A reminder e-mail was sent in July 2019.
Kenya	71	0	1	0	0	0	A reminder e-mail was sent in July 2019.
Kyrgyzstan	1	0	0	0	0	0	Latest data under preparation.
*Latvia	1	1	1	2	2	1	
*Lithuania	18	3	4	4	3	4	
Mexico	265	1	3	3	4	2	
Montenegro	n.a.	0	0	0	0	0	A reminder e-mail was sent in July 2019.
Morocco	101	2	0	0	0	0	Data under preparation.
*Netherlands	763	10	11	8	9	7	
New Zealand	135	6	5	6	6	4	
Nicaragua	22	0	0	0	0	0	Participated in the training course in 2015. A reminder e-mail was sent in July 2019.
North Macedonia	n.a.	0	0	0	0	0	Participated in the training course in 2014 and planned to submit data upon receipt of applications. A reminder e-mail was sent in July 2019.
*Norway	19	4	3	4	7	4	
Oman	0 (2015)	0	0	2	0	0	A reminder e-mail was sent in July 2019.

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Contributor	Number of applications for PBR in 2017	Number of new data submissions to PLUTO in 2015	Number of new data submissions to PLUTO in 2016	Number of new data submissions to PLUTO in 2017	Number of new data submissions to PLUTO in 2018	Number of new data submissions to PLUTO in 2019 (to August 6)	Situation at August 6, 2019
Panama	3	0	1	1	0	0	A reminder e-mail was sent in August 2019.
Paraguay	62 (2016)	1	1	0	1	0	A reminder e-mail was sent in August 2019.
Peru	38	0	0	1	1	0	A reminder e-mail was sent in August 2019.
*Poland	110	3	5	7	3	3	
*Portugal	0	0	2	1	2	1	
Republic of Korea	748	0	1	0	1	3	
Republic of Moldova	30	3	3	1	2	7	
*Romania	38	4	4	4	4	3	
Russian Federation	807	5	5	5	4	2	
Serbia	66	3	4	2	4	0	A reminder e-mail was sent in August 2019.
Singapore	5	0	0	0	0	0	No data submitted. A reminder e-mail was sent in July 2019.
*Slovakia	8	4	5	6	4	3	
*Slovenia	0	5	5	3	4	3	
South Africa	268	0	1	2	2	4	
*Spain	40 (2016)	5	5	5	4	3	
*Sweden	4	11	12	11	9	6	
*Switzerland	75	6	5	6	3	5	
Trinidad and Tobago	0 (2016)	0	0	0	0	0	Participated in the training course in 2014. A reminder e-mail was sent in July 2019.
Tunisia	62 (2016)	0	0	0	0	0	A reminder e-mail was sent in July 2019.
*Turkey	216	1	3	0	2	1	
Ukraine	1,345	0	0	0	3	9	
*United Kingdom	183	11	13	10	12	7	
United Republic of Tanzania	40	0	0	0	0	0	A reminder e-mail was sent in July 2019.
United States of America	1,557	17	16	12	12	10	
Uruguay	54	1	0	0	0	0	A reminder e-mail was sent in August 2019.

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Contributor	Number of applications for PBR in 2017	Number of new data submissions to PLUTO in 2015	Number of new data submissions to PLUTO in 2016	Number of new data submissions to PLUTO in 2017	Number of new data submissions to PLUTO in 2018	Number of new data submissions to PLUTO in 2019 (to August 6)	Situation at August 6, 2019
Uzbekistan	36	0	0	0	1	0	A reminder e-mail was sent in August 2019.
Viet Nam	266	0	0	0	0	0	Data under preparation.
OECD	-	0	2	2	2	1	

[Appendix follows]

ANNEX, APPENDIX

PLUTO DATABASE COVERAGE

	Year					
	2015	2016	2017	2018	2019 (to August 6, 2019)	
	Number of UPOV members that contributed to the PLUTO database for the indicated year ¹	61	59	54	49	43
	Percentage of UPOV members that contributed to the PLUTO database for the indicated year	82%	80%	72%	65%	57%
A	Total number of PVP applications ²	15,017	16,455	18,306	n.a.	n.a.
B	Number of PVP applications accounted for by contributors to PLUTO database for indicated year ^{1,2}	14,823	16,095	17,410	n.a.	n.a.
C	Percentage of PVP applications accounted for by contributors to PLUTO database for indicated year (B/A)	99%	98%	95%	n.a.	n.a.
D	Number of PVP applications included in PLUTO database ³	11,587	12,269	12,547	10,759	2,887
E	Percentage of PVP applications included in PLUTO database (D/A)	77%	75%	69%	n.a.	n.a.

Notes:

1. Contributors provide data for previous years. Therefore, a contributor providing data in, e.g. 2017, will be considered to have contributed data for 2015, 2016 and 2017.
2. See document C/52/7 Rev. "Plant variety protection statistics for the period 2013-2017 (Revision)".
3. Status of information in the PLUTO database at August 6, 2019

Row "C" provides an indication of the "theoretical" completeness of the PLUTO database on the basis of the UPOV members contributing data.

Row "E" provides an indication of the actual completeness of data in the PLUTO database, reflecting:

- (i) UPOV members that do not contribute to the PLUTO database; and
- (ii) contributors that have not provided complete data.

[End of Annex and of document]