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INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS

GENEVA

ADMINISTRATIVE AND LEGAL COMMITTEE

Sixtieth Session
Geneva, October 19 and 20, 2009

VARIETY DENOMINATIONS

Document prepared by the Office of the Union

1. At its fifty-ninth session, held in Geneva on April 2, 2009, the Administrative and Legal Committee (CAJ) noted the oral report made by the Chair of the Technical Committee (TC) on the forty-fifth session of the TC, held in Geneva from March 30 to April 1, 2009, which explained that the TC had recommended that consideration be given to amending document UPOV/INF/12/1 "Explanatory Notes on Variety Denominations under the UPOV Convention" (see document CAJ/59/7 "Report on the Conclusions", paragraphs 7 and 8). In particular, the TC had proposed that document UPOV/INF/12/1, Annex I, Part II "Classes encompassing more than one genus", be revised in order to amend Class 202 "Panicum, Setaria", due to a botanical reclassification concerning those genera and species, and Class 211 "Edible Mushrooms".

2. The purpose of this document is to consider the revision proposed by the TC with regard to Class 202 "Panicum, Setaria" and Class 211 "Edible Mushrooms". In addition, subsequent to the forty-fifth session of the TC, the Office of the Union became aware of a change in the botanical classification of Tomato, that will require consideration with regard to document UPOV/INF/12/1, Annex I, Part I "Classes within a genus".

Class 202

3. The attention of the Office of the Union has been brought to the fact that the UPOV code for *Panicum maximum* Jacq. (UPOV code: PANIC_MAX) is no longer consistent with the classification in GRIN[1], which indicates that *Panicum maximum* Jacq. is now considered to be a synonym of *Megathyrsus maximus* (Jacq.) B. K. Simon & S. W. L. Jacobs (see *http://www.ars-grin.gov/cgi-bin/npgs/html/taxon.pl?447623*). Further investigation of all the *Panicum* species in the GENIE database revealed that *Panicum laxum* Sw. (UPOV code: PANIC_LAX) is now considered to be a synonym of *Steinchisma laxa* (Sw.) Zuloaga.

4. In relation to such cases, the "Guide to the UPOV Code System" (http://www.upov.int/genie/en/upov_code.html) explains the following:

> "3.3 Introduction of New UPOV Codes / Amendments to UPOV Codes
>
> "(a) In the first instance, the Office will create a UPOV 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 UPOV code, it will, wherever possible, check its proposals with those experts before creating the UPOV code.
>
> […]
>
> "(d) In general, amendments to UPOV 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 "Explanatory notes on variety denominations under the UPOV Convention" (document UPOV/INF/12/1) contain UPOV variety denomination classes; for genera and species not covered by the List of Classes in Annex I to document UPOV/INF/12/1, the general rule ("one genus / one class") is that a genus is considered to be a class (see document UPOV/INF/12/1, Section 2.5.2 and its Annex I). Therefore, it is important that the first element of the UPOV code can be used to sort species into the correct genus. The UPOV 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 UPOV 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."

5. *Panicum* L. is covered by Class 202 "Panicum, Setaria" in the List of Classes in Annex I to document UPOV/INF/12/1, Part II "Classes encompassing more than one genus". Therefore, any amendment to the classification of species in *Panicum* L. may require a revision of Class 202 "Panicum, Setaria". A further consideration in this matter is that the botanical name "*Panicum maximum* Jacq." has been in use by some members of the Union for a considerable time. On that basis, further information was sought from GRIN on the background to the reclassification. Dr. John Wiersema (GRIN) explained as follows:

[1] USDA, ARS, National Genetic Resources Program. Germplasm Resources Information Network - (GRIN) [Online Database]. National Germplasm Resources Laboratory, Beltsville, Maryland.
URL: *http://www.ars-grin.gov/cgi-bin/npgs/html/tax_search.pl*

> "It appears that the dismantling of *Panicum*, responsible for the acceptance of both *Megathyrsus* and *Steinchisma* and a number of other segregate genera, will survive. It is based on molecular evidence indicating that many species formerly placed in *Panicum* do not group with core *Panicum*. In order to preserve *Panicum* in the former sense, some other commonly recognized genera would need to be incorporated. The alternative, limiting *Panicum* to the core group of species, seems to be the preferred course among New World and Australian agrostologists, who are removing many of the anomalous taxa to other genera.
>
> "Of course, grass systematics can be quite complex, with lots of reticulate evolution involved in some groups, probably also in the *Paniceae* tribe, so the full story of their relationships may not yet be known. *Panicum maximum* is such a widespread species that it will take some time before its treatment in *Megathyrsus* catches on everywhere."

6. Dr. Wiersema clarified that the explanation above is based on published evidence provided by others. He has subsequently investigated the most recent literature relating to *Megathyrsus* and notes that:

> "There has been some indication that *M. maximus* could be aligned with the genus *Urochloa*, where it has been placed by some, although this seems not to be the view reflected in its current classification in *Megathyrsus*. Based on the molecular evidence I have seen, there seems far less chance of its being returned to *Panicum*, in any case."

7. On the basis of the explanation by Dr. Wiersema, it is proposed that, for UPOV purposes, there be a reclassification of *Panicum maximum* Jacq. to *Megathyrsus maximus* (Jacq.) B. K. Simon & S. W. L. Jacobs and *Panicum laxum* Sw. to *Steinchisma laxa* (Sw.) Zuloaga. That reclassification would need to be reflected in the corresponding UPOV codes and would also require reconsideration of Class 202.

8. On the basis that there might be a revision of Class 202 "Panicum, Setaria", it was considered appropriate to check for consistency between the GENIE database / UPOV code and the GRIN database concerning the classification of species of *Setaria* P. Beauv. In that regard, the following inconsistencies were found:

GENIE database	UPOV code	GRIN database
Setaria flavida (Retz.) Veldkamp (synonym: *Paspalidium flavidum* (Retz.) A. Camus)	SETAR_FLA	*Paspalidium flavidum* (Retz.) A. Camus (synonym: *Setaria flavida* (Retz.) Veldkamp)
Setaria viridis (L.) P. Beauv.	SETAR_VIR	*Setaria italica* subsp. *viridis* (L.) Thell. (synonym: *Setaria viridis* (L.) P. Beauv.)

9. On the basis that there are no specific data in the UPOV-ROM Plant Variety Database, nor in the GENIE database, for *Setaria flavida* (Retz.) Veldkamp / *Paspalidium flavidum* (Retz.) A. Camus, nor for *Setaria viridis* (L.) P. Beauv. / *Setaria italica* subsp. *viridis* (L.) Thell., the TC agreed that those entries in the GENIE database and corresponding UPOV codes should be deleted (see document TC/45/15 "Report on the Conclusions", paragraph 64).

10. With regard to a possible revision of Class 202, the following information extracted from the UPOV-ROM Plant Variety Database (UPOV-ROM) might be considered relevant:

Genus / species	Entries in UPOV-ROM: Version 2008/05	
	Number	Contributors
Panicum L.	3	NL, QM*
Panicum antidotale Retz.	1	ZA
Panicum coloratum L.	9	AR, JP, QM, US
Panicum miliaceum L. (Common millet)	150	AR, AT, BG, CZ, DE, GB, HU, LT, PL, QM, RU, SI, SK, UA
Panicum virgatum L.	5	QM
Panicum maximum Jacq. (White Buffalo Grass)	38	AR, AU, BR, JP, QM, ZA
Panicum laxum Sw.	1	AU
Megathyrsus	-	-
Steinchisma	-	-
Setaria P. Beauv.	1	QZ
Setaria italica (L.) P. Beauv. (Foxtail Bristle Grass; Italian Millet)	52	AR, AT, CZ, HU, IL, JP, QM, QZ, RU, SK, UA
Setaria palmifolia (Koen.) Stapf	1	IL
Setaria sphacelata (Schumach.) Stapf & C. E. Hubb.	7	AU, QM, ZA

(*QM: Organisation for Economic Co-operation and Development (OECD))

11. The TC agreed to propose that Class 202 in document UPOV/INF/12/1, Part II "Classes encompassing more than one genus", be extended to cover *Megathyrsus, Panicum, Setaria and Steinchisma* (see document TC/45/15 "Report on the Conclusions", paragraph 65).

12. In order to ensure that all interested parties would have an adequate opportunity to consider the situation with regard to Class 202, the TC requested the Technical Working Party for Agricultural Crops (TWA) to consider that proposal at the thirty-eighth session of the TWA, to be held in Seoul, Republic of Korea, from August 31 to September 4, 2009. It agreed that, subject to endorsement of the TC proposal by the TWA, the CAJ should be invited to consider that proposal at its sixtieth session, to be held in Geneva on October 19 and 20, 2009, in conjunction with the proposed revision of document UPOV/INF/12/1 "Explanatory notes on variety denominations under the UPOV Convention".

13. At its thirty-eighth session, held in Seoul, Republic of Korea, from August 31 to September 4, 2009, the TWA endorsed the proposal of the TC that Class 202 in document UPOV/INF/12/1, Annex I, Part II "Classes encompassing more than one genus", be extended to cover *Megathyrsus, Panicum, Setaria and Steinchisma* (see document TWA/38/17 "Report", paragraph 40).

Class 211 "Edible Mushrooms"

14. The "Explanatory Notes on Variety Denominations under the UPOV Convention", document UPOV/INF/12/1, Annex I, Part II "Classes encompassing more than one genus", establishes Class 211 "Edible Mushrooms" (see Annex to this document). The consequence of Class 211 is not fully clear with regard to species of *Agaricus*, *Agrocybe*, *Auricularia*, *Dictyophora*, *Flammulina*, *Ganoderma*, *Grifola*, *Hericium*, *Hypsizigus*, *Lentinula*, *Lepista*, *Lyophyllum*, *Meripilus*, *Mycoleptodonoides*, *Naematoloma Panellus*, *Pholiota*, *Pleurotus*, *Polyporus*, *Sparassis* and *Tricholoma*, which are not specified in Class 211. For example, there is an entry in the UPOV-ROM Plant Variety Database (UPOV-ROM) for the species *Pleurotus florida*, which is not included in the list of species in Class 211.

15. The TC its forty-fourth session, held in Geneva from April 7 to 9, 2008, agreed to invite the Technical Working Party for Vegetables (TWV) to propose a clarification of Class 211 (see document TC/44/13 "Report", paragraph 179).

16. At its forty-second session, held in Cracow, Poland, from June 23 to 27, 2008, the TWV considered document TWV/42/5 and, in particular, the request of the TC to clarify the situation with regard to the Class 211 "Edible Mushrooms".

17. The TWV agreed that Class 211 should be modified to cover all species of *Agaricus*, *Agrocybe*, *Auricularia*, *Dictyophora*, *Flammulina*, *Ganoderma*, *Grifola*, *Hericium*, *Hypsizigus*, *Lentinula*, *Lepista*, *Lyophyllum*, *Meripilus*, *Mycoleptodonoides*, *Naematoloma*, *Panellus*, *Pholiota*, *Pleurotus*, *Polyporus*, *Sparassis* and *Tricholoma*, in line with all other classes containing more than one genus.

18. The TWV noted that Class 211 would not necessarily contain all edible mushrooms and may also cover some species for which there were no edible varieties. Therefore, it agreed that it would be appropriate to change the name of Class 211 to "Class 211 (Mushrooms)", rather than "Edible Mushrooms".

19. At its forty-fifth session, held in Geneva from March 30 to April 1, 2009, the TC proposed that Class 211 in document UPOV/INF/12/1, Part II "Classes encompassing more than one genus" should be modified to cover all species of *Agaricus*, *Agrocybe*, *Auricularia*, *Dictyophora*, *Flammulina*, *Ganoderma*, *Grifola*, *Hericium*, *Hypsizigus*, *Lentinula*, *Lepista*, *Lyophyllum*, *Meripilus*, *Mycoleptodonoides*, *Naematoloma*, *Panellus*, *Pholiota*, *Pleurotus*, *Polyporus*, *Sparassis* and *Tricholoma*. The TC further agreed that the name of Class 211 should be changed to "Class 211 (Mushrooms)".

20. The TC noted that its proposal concerning Class 211 would be reported to the CAJ, for consideration at its sixtieth session, to be held in Geneva on October 19 and 20, 2009. The TC noted that, if the CAJ was in accordance with the proposal of the TC, a draft revised version of the "Explanatory Notes on Variety Denominations under the UPOV Convention", document UPOV/INF/12/1, would be presented to the Council for adoption at its forty-third ordinary session, to be held in Geneva on October 22, 2009.

Tomato / Class 4.2

21. Until 2008, the recognized botanical name for tomato in the GRIN database was "*Lycopersicon esculentum* Mill.". On that basis, and in accordance with the "Guide to the UPOV Code System" (see paragraph 4 above), the UPOV code was established as "LYCOP_ESC" and tomato followed the General Rule ("one genus / one class") for variety denomination purposes (see document UPOV/INF/12/1, paragraph 2, Section 2.5.2).

22. However, in September 2008, in response to taxonomic developments, GRIN removed the genus Lycopersicon and amended its botanical classification of tomato to "*Solanum lycopersicum* var. *lycopersicum*".

23. In accordance with the "Guide to the UPOV Code System" (see paragraph 4 above), it is proposed that, for UPOV purposes, there be a reclassification of "*Lycopersicon esculentum* Mill." (UPOV code: LYCOP_ESC) to "*Solanum lycopersicum* var. *lycopersicum*" (UPOV code: SOLAN_LYC_LYC). However, such a reclassification would also need to be considered in relation to the variety denomination class. In particular, without a revision of document UPOV/INF/12/1, the denomination class for tomato would change from the genus class "Lycopersicon" ("one genus / one class") to Class 4.2 "*Solanum* other than class 4.1 (*Solanum tuberosum* L.).

24. In addition, a number of other species in the UPOV GENIE database, which were previously classified as "Lycopersicon", with corresponding UPOV codes, have also been reclassified and the genus "Cyphomandra" was also reclassified within the genus "Solanum". A review of the GENIE database revealed that the following classifications are affected:

GENIE database	UPOV code	GRIN database
Lycopersicon		
Lycopersicon		all species removed
Lycopersicon esculentum Mill.	LYCOP_ESC	*Solanum lycopersicum* var. *lycopersicum*
Lycopersicon esculentum Mill. var. *esculentum*	LYCOP_ESC_ESC	
Lycopersicon esculentum Mill. var. *cerasiforme* (Dunal) A. Gray	LYCOP_ESC_CER	*Solanum lycopersicum* var. *cerasiforme* (Alef.) Fosberg
Lycopersicon hirsutum Dunal	LYCOP_HIR	*Solanum habrochaites* S. Knapp & D. M. Spooner
Lycopersicon lycopersicum (L.) Karst. ex. Farw. x *Lycopersicon hirsutum* L.	LYCOP_EHI	no hybrid binomial
Cyphomandra		
Cyphomandra	CYPHO	all species removed
Cyphomandra betacea (Cav.) Sendtn. (synonym *Solanum betaceum* Cav.)	CYPHO_BET	*Solanum betaceum* Cav.

Hybrid genus		
Lycopersicon x *Cyphomandra*	LYCYP	*Solanum* L.
Lycopersicon lycopersicum x *Cyphomandra betacea*	LYCYP_EBE	to be investigated

25. It is proposed that corresponding changes would be made to the UPOV codes and variety denomination classes for these genera and species. However, in the case of Lycopersicon x Cyphomandra, no entries were found in the UPOV-ROM or GENIE database; therefore, the UPOV codes will be deleted.

26. The following information is provided to facilitate the consideration of such a change:

Genus / species	Number of Entries in UPOV-ROM: Version 2009/01
Class: Lycopersicon	
Lycopersicon esculentum Mill. / Lycopersicon lycopersicum (L) (synonyms)	14,245
Lycopersicon (probably *Lycopersicon esculentum Mill.*)	571
Lycopersicon hirsutum	4
Class: Cyphomandra	
Cyphomandra betacea (Cav.) Sendtn.	5
Class 4.1: *Solanum tuberosum* L.	
Solanum tuberosum L.	12,925
Class 4.2: Solanum other than class 4.1	
Solanum aviculare	1
Solanum diflorum Vell.	4
Solanum glaucophyllum Desf.	1
Solanum jasminoides Paxt.	4
Solanum L.	59
Solanum melongena L.	945
Solanum muricatum	15
Solanum pseudocapsicum	7
Solanum quitoense Lam.	2
Solanum rantonetii	6
Solanum sisymbriifolium Lam.	7

27. As indicated in the table above, one of the most significant effects of the change of denomination class for tomato would be that it would be moved to the same denomination class as *Solanum melongena* L. (Aubergine).

28. This development will be reported to the TC for consideration at its forty-sixth session, to be held in Geneva in March, 2010. The CAJ may wish to note that the TC could decide to refer the matter to the Technical Working Party for Vegetables (TWV) and, thereafter, to make a proposal at its forty-seventh session in 2011.

Revision of document UPOV/INF/12/1 "Explanatory notes on variety denominations under the UPOV Convention"

29. The TC noted that its proposals concerning Class 202 and Class 211 would be reported for consideration by the CAJ at its sixtieth session. The TC noted that, if the CAJ was in accordance with the proposals of the TC, subject to endorsement of the TC proposal concerning Class 202 by the TWA at its thirty-eighth session (see paragraph 13), a draft revised version of the "Explanatory Notes on Variety Denominations under the UPOV Convention", document UPOV/INF/12/1, would be presented to the Council for adoption at its forty-third ordinary session, to be held in Geneva on October 22, 2009.

30. At the time of noting the timetable above, the TC was unaware of the developments concerning the botanical reclassification of *Lycopersicon*, including *Lycopersicon esculentum* Mill. (Tomato), and *Cyphomandra*. In considering whether to propose to the Council the revision of document UPOV/INF/12/1, for adoption at the forty-third ordinary session of the Council, to be held in Geneva on October 22, 2009, the CAJ may wish to consider a delay in order to accommodate any further revisions that might result from the botanical reclassification of *Lycopersicon* and *Cyphomandra*. However, it may wish to note in that respect, that it is possible that a revision of document UPOV/INF/12/1 will not be required. Furthermore, it is anticipated that any proposal for a revision would not be made by the TC until 2011 (see paragraph 28).

31. The CAJ is invited to:

(a) consider whether to propose that Class 202 in document UPOV/INF/12/1, Part II "Classes encompassing more than one genus", be extended to cover Megathyrsus, Panicum, Setaria *and* Steinchisma *(see paragraphs 11 to 13);*

(b) consider whether to propose that Class 211 in document UPOV/INF/12/1, Part II "Classes encompassing more than one genus" be modified to cover all species of Agaricus, Agrocybe, Auricularia, Dictyophora, Flammulina, Ganoderma, Grifola, Hericium, Hypsizigus, Lentinula, Lepista, Lyophyllum, Meripilus, Mycoleptodonoides, Naematoloma, Panellus, Pholiota, Pleurotus, Polyporus, Sparassis and Tricholoma, *and to amend the*

name of the class to "Class 211 (Mushrooms)" (see paragraph 19);

(c) note the developments concerning the botanical reclassification of Lycopersicon, *including* Lycopersicon esculentum *Mill. (Tomato), and* Cyphomandra *and the implications concerning denomination classes, which will be reported for consideration by the TC at its forty-sixth session (see paragraphs 21 to 28); and*

(d) propose to the Council the revision of document UPOV/INF/12/1, in accordance with paragraphs (a) and (b) above, for adoption at the forty-third ordinary session of the Council, to be held in Geneva on October 22, 2009 (see paragraph 29).

[Annex follows]

ANNEX

EXPLANATORY NOTES ON VARIETY DENOMINATIONS
UNDER THE UPOV CONVENTION
(Annex I of document UPOV/INF/12/1 (Extract))

UPOV Variety Denomination Classes:
A Variety Denomination Should not be Used More than Once in the Same Class

For the purposes of providing guidance on the third and fourth sentences of paragraph 2 of Article 20 of the 1991 Act and of Article 13 of the 1978 Act and the 1961 Convention, variety denomination classes have been developed. A variety denomination should not be used more than once in the same class. The classes have been developed such that the botanical taxa within the same class are considered to be closely related and/or liable to mislead or to cause confusion concerning the identity of the variety.

The variety denomination classes are as follows:

(a) General Rule (one genus / one class): for genera and species not covered by the List of Classes in this Annex, a genus is considered to be a class;

(b) Exceptions to the General Rule (list of classes):

(i) classes within a genus: List of classes in this Annex: Part I;

(ii) classes encompassing more than one genus: List of classes in this Annex: Part II.

LIST OF CLASSES

Part I

Classes within a genus

	Botanical names	UPOV codes
Class 1.1	Brassica oleracea	BRASS_OLE
Class 1.2	Brassica other than Brassica oleracea	other than BRASS_OLE
Class 2.1	Beta vulgaris L. var. alba DC., Beta vulgaris L. var. altissima	BETAA_VUL_GVA; BETAA_VUL_GVS
Class 2.2	Beta vulgaris ssp. vulgaris var. conditiva Alef. (syn.: B. vulgaris L. var. rubra L.), B. vulgaris L. var. cicla L., B. vulgaris L. ssp. vulgaris var. vulgaris	BETAA_VUL_GVC; BETAA_VUL_GVF
Class 2.3	Beta other than classes 2.1 and 2.2.	other than classes 2.1 and 2.2
Class 3.1	Cucumis sativus	CUCUM_SAT
Class 3.2	Cucumis melo	CUCUM_MEL
Class 3.3	Cucumis other than classes 3.1 and 3.2	other than classes 3.1 and 3.2
Class 4.1	Solanum tuberosum L.	SOLAN_TUB
Class 4.2	Solanum other than class 4.1	other than class 4.1

LIST OF CLASSES (Continuation)

Part II

Classes encompassing more than one genus

	Botanical names	UPOV codes
Class 201	Secale, Triticale, Triticum	SECAL; TRITL; TRITI
Class 202	Panicum, Setaria	PANIC; SETAR
Class 203*	Agrostis, Dactylis, Festuca, Festulolium, Lolium, Phalaris, Phleum and Poa	AGROS; DCTLS; FESTU; FESTL; LOLIU; PHALR; PHLEU; POAAA
Class 204*	Lotus, Medicago, Ornithopus, Onobrychis, Trifolium	LOTUS; MEDIC; ORNTP; ONOBR; TRFOL
Class 205	Cichorium, Lactuca	CICHO; LACTU
Class 206	Petunia and Calibrachoa	PETUN; CALIB
Class 207	Chrysanthemum and Ajania	CHRYS; AJANI
Class 208	(Statice) Goniolimon, Limonium, Psylliostachys	GONIO; LIMON; PSYLL_
Class 209	(Waxflower) Chamelaucium, Verticordia	CHMLC; VERTI; VECHM
Class 210	Jamesbrittania and Sutera	JAMES; SUTER
Class 211	Edible Mushrooms	
	Agaricus bisporus	AGARI_BIS
	Agaricus blazei	AGARI_BLA
	Agrocybe cylindracea	AGROC_CYL
	Auricularia auricura	AURIC_AUR
	Auricularia polytricha (Mont.) Sscc.	AURIC_POL
	Dictyophora indusiata (Ventenat:Persoon) Fischer	DICTP_IND
	Flammulina velutipes	FLAMM_VEL
	Ganoderma lucidum (Leyss:Fries) Karsten	GANOD_LUC
	Grifola frondosa	GRIFO_FRO
	Hericium erinaceum	HERIC_ERI
	Hypsizigus marmoreus	HYPSI_MAR
	Hypsizigus ulmarius	HYPSI_ULM
	Lentinula edodes	LENTI_ELO
	Lepista nuda (Bulliard:Fries) Cooke	LEPIS_NUD
	Lepista sordida (Schumacher:Fries) Singer	LEPIS_SOR
	Lyophyllum decastes	LYOPH_DEC
	Lyophyllum shimeji (Kawamura) Hongo	LYOPH_SHI
	Meripilus giganteus (Persoon:Fries) Karten	MERIP_GIG
	Mycoleptodonoides aitchisonii (Berkeley) Maas Geesteranus	MYCOL_AIT
	Naematoloma sublateritium	NAEMA_SUB
	Panellus serotinus	PANEL_SER
	Pholiota adiposa	PHLIO_ADI
	Pholiota nameko	PHLIO_NAM
	Pleurotus cornucopiae var.citrinooileatus	PLEUR_COR
	Pleurotus cystidiosus	PLEUR_CYS
	Pleurotus cystidiosus subsp. Abalonus	PLEUR_CYS_ABA
	Pleurotus eryngii	PLEUR_ERY
	Pleurotus ostreatus	PLEUR_OST
	Pleurotus pulmonarius	PLEUR_PUL
	Polyporus tuberaster (Jacquin ex Persoon) Fries	POLYO_TUB
	Sparassis crispa (Wulfen) Fries	SPARA_CRI
	Tricholoma giganteum Massee	MACRO_GIG

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* Classes 203 and 204 are not solely established on the basis of closely related species.