

## **A list of type specimens in the fungal reference collection of the Ministry of Jihad-e Agriculture (IRAN), Iran**

Mehrdad ABBASI & Faezeh ALIABADI

**Abstract:** Abbasi, M. & Aliabadi, F. 2013: A list of type specimens in the fungal reference collection of the Ministry of Jihad-e Agriculture (IRAN), Iran. *Schlechtendalia* **25**: 13–38.

The present work is a survey of type collections of fungi currently deposited at the herbarium IRAN (Ministry of Jihad-e Agriculture, Iran).

**Zusammenfassung:** Abbasi, M. & Aliabadi, F. 2013: Liste von Typuskollektionen der Pilzreferenzsammlung des Ministeriums der Jihad-e Agriculture (IRAN), Iran. *Schlechtendalia* **25**: 13–38.

Die vorliegende Arbeit ist eine Übersicht der gegenwärtig im Herbarium IRAN (Ministerium der Jihad-e Agriculture, Iran) aufbewahrten Pilztypen.

**Key words:** Fungi, typus, Islamic Republik Iran.

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### **Introduction**

The dried fungal reference collection of the Ministry of Jihad-e Agriculture (IRAN) is the only registered reference collection of fungi and lichens in Iran. The date of foundation of the IRAN collection is not exactly clear but the first list of fungi preserved in this collection was published in 1941 (Petraik & Esfandiari 1941), it means that collection was active before 1941 and this is against Ershad's explanation who mentioned the foundation date of collection as 1945 (refere to Ershad 1995). Since 1941 IRAN dried fungal reference collection was active and the number of specimens being increased year after year. At present the collection located in the botany department of the Iranian Research Institute of Plant Protection, Tehran and including more than 16000 dried specimens. During the 50<sup>th</sup> anniversary of the collection, list of type specimens was published in anniversary book (Abbasi 1995). Since that time, several type and isotype specimens have been added to the collection and it is necessary to renew the 1995 edition.

### **List of type specimens at IRAN (dried fungal reference collection)**

Data of the designated type specimens were directly copied from original labels and compared with the protologues of the original descriptions. Corrections were done when necessary. For each type specimen, the name of the taxon, place of publication, host name, collection site, date of collection, name of collector(s), collection number in IRAN and the particular class of type (viz., holotype, isotype, paratyp, topotype and etc.) are included. The list is alphabetically arranged according to the scientific names of the taxa concerned. Abbreviations of authors of fungal and plant names are given according to Kirk & Ansell (1992) and Brumitt and Powell (1992), respectively.

The following list contains 324 type specimens deposited at IRAN fungal reference collection. The list has two parts. In part A, only Iranian type specimens are listed. This part contains 134 specimens which are mostly holotypes. The second part (B) contains 190 foreign type specimens from other countries. Specimens listed in this part are mostly isotype or paratype. As mentioned above the specimens in two parts have been alphabetically listed based on scientific name of fungi.

**Part A) List of Iranian fungal type specimens in fungal reference collection of the Ministry of Jihad-e Agriculture (IRAN)**

- Acrosporella sarmentorum* Riedl & Ershad  
Sydowia 29(1-6): 166, 1977  
Dead branch of *Rubus* sp.  
Gorgan, Loveh forest, 23.4.1974  
H. Riedl & D. Ershad  
IRAN 6395 F  
Isotype
- Aecidium scorzonerae-latifoliae* M. Abbasi & Gjaerum  
Lidia 3(4): 119, 1994  
*Scorzonera latifolia* (Fisch. & C. A. Mey.) DC.  
Ardebil, Khalkhal, Lerd, Agh-dagh Mount,  
25.6.1988  
A. Karavar & M. R. Delghandi  
IRAN 8604 F  
Holotype
- Alternaria salicorniae* Riedl & Ershad  
Sydowia 29(1-6): 168, 1977  
Dead stem of *Salicornia* sp.  
Gonbad, 25.4.1974  
H. Riedl & D. Ershad  
IRAN 73 F  
Isotype
- Amerosporium concinnum* Petr.  
Sydowia 7(1-4): 68, 1953  
Dried stems of an unknown plant  
Kermanshah, Ghasre Shirin, 8.4.1951  
Gh. Scharif  
IRAN 81 F  
Isotype
- Anthracoidea songorica* Vánky  
Rostaniha 12(2): 182, 2011  
*Carex songorica* Kar. & Kir.  
Golestan Prov., Gorgan, Golestan National  
Park, 22.7.1991  
M. Abbasi  
IRAN 11642 F  
Holotype
- Ascochyella davatchii* Esfand.  
Sydowia 4(1-6): 23, 1950  
*Capparis spinosa* L.  
Desert around Kashan, Eynol-Rashid,  
28.11.1948  
Gh. Scharif  
IRAN 233 F  
Holotype
- Ascochyella pycnocyclae* Petr.  
Sydowia 7(1-4): 69, 1953  
*Pycnocycla acanthorhopsis* Rech. f. Aellen et  
Esfandiari  
Ilam, road of Mehran, 2.6.1951  
Gh. Scharif  
IRAN 234 F  
Isotype
- Aspicilia mansourii* Sohrabi  
Phytotaxa 18: 17, 2011  
On soil or dead plant materials  
Gorgan, Golestan National Park, Mirzabaylou  
towards Almeh valley, 20.5.2008  
M. Sohrabi & M. Ghobad-Nejhad  
IRAN 15327 F  
Holotype
- Barriopsis iraniana* Abdollahzadeh, Zare, A.J.  
L. Phillips  
Persoonia 23: 4, 2009  
*Mangifera indica* L.  
Hormozgan, Minab, Haji Khademi, 1.3.2006  
J. Abdollahzadeh & A.R. Javadi Estahbanati  
IRAN 13939 F  
Holotype
- Botryobasidium curtisii* Hallenb.  
Iran. J. Pl. Pathol. 14: 44, 1978  
Brown-rotted wood on the ground  
Gilan, Asalem, 17.7.1976  
N. Hallenberg & D. Ershad  
IRAN 283 F  
Isotype
- Botryobasidium grandinioides* Hallenb.  
Iran. J. Pl. Pathol. 14: 48, 1978  
Fallen trunk  
Tonekabon, Do-hezar forest, 12.7.1976  
N. Hallenberg & D. Ershad  
IRAN 287 F  
Isotype
- Cercospora datiscicola* Esfand.  
Sydowia 5(3-6): 368, 1951  
*Datisca cannabina* L.  
Karaj, 15.7.1946  
E. Esfandiari  
IRAN 462 F  
Holotype
- Cercospora fraxinicola* Ershad  
Rostaniha 1(1-4): 2, 2000  
*Fraxinus rotundifolia* Miller subsp. *rotundifolia*  
Mazandaran, Kelardasht, Palace garden,  
26.9.1971  
D. Ershad  
IRAN 10583 L  
Holotype

- Cercospora neriicola* Ershad  
Rostaniha 3(1-4): 15, 2002  
*Nerium oleander* L.  
Mazandaran, Mahmudabad, 5.6.1999  
D. Ershad  
IRAN 11602 L  
Holotype
- Chaetomium undulatum* Asgari & Zare  
Mycologia 103(4): 870, 2011  
Leaf of *Hordeum vulgare* L.  
East Azarbaijan, Bonab, 22.5.2005  
B. Asgari  
IRAN 14605 F  
Holotype
- Chaetomium interruptum* Asgari & Zare  
Mycologia 103(4): 874, 2011  
Seed of *Triticum aestivum* L.  
East Azarbaijan, Hadishahr, 24.6.2005  
B. Asgari  
IRAN 14607 F  
Holotype
- Chaetomium grande* Asgari & Zare  
Mycologia 103(4): 874, 2011  
Leaf of *Triticum aestivum* L.  
West Azarbaijan, Naghadeh, 23.6.2005  
B. Asgari  
IRAN 14608 F  
Holotype
- Chaetomium rectangulare* Asgari & Zare  
Mycologia 103(4): 872, 2011  
Leaf of *Hordeum vulgare* L.  
East Azarbaijan, Salmas, 22.6.2005  
B. Asgari  
IRAN 14606 F  
Holotype
- Chaetomium truncatum* Asgari & Zare  
Mycologia 103(4): 877, 2011  
Cysts of *Heterodera schachtii* A. Schmidt, 1871  
West Azarbaijan, Orumieh, 2003  
N. Khezri-Nejad  
IRAN 14610 F  
Holotype
- Chaetomium iranianum* Asgari & Zare  
Mycologia 103(4): 877, 2011  
Leaf of *Hordeum vulgare* L.  
East Azarbaijan, Sarab, 22.5.2005  
B. Asgari  
IRAN 14609 F  
Holotype
- Cladosporium manoutchehrii* Esfand.  
Sydowia 5(3-6): 368, 1951  
*Quercus atropatana* Schwarz  
Pole Zanguleh, 6.8.1948  
A. Manutchehri  
IRAN 665 F  
Holotype
- Coniooecia anandra* Asgari & Zare  
Mycol. Progr. 10(2): 205, 2011  
Wheat seeds  
West Azarbaijan, Miandoab, 13.8.2005  
B. Asgari  
IRAN 14375 F  
Holotype
- Coniooecia minima* Asgari & Zare  
Mycol. Progr. 10(2): 202, 2011  
Wheat seeds  
Ardabil, Parsabad, 19.6.2005  
B. Asgari  
IRAN 14376 F  
Holotype
- Coniooecia cruciformis* Asgari & Zare  
Mycol. Progr. 10(2): 200, 2011  
Wheat straw  
Ardabil, Bilesavar, 20.6.2005  
B. Asgari  
IRAN 14374 F  
Holotype
- Coniochaeta ershadii* Zare, Asgari & W. Gams  
Nova Hedwigia 84(1-2): 177, 2007  
*Pistacia vera* L.  
Tehran, Varamin, 2005  
M. Mirabolfathy  
IRAN 1841 F  
Holotype
- Coniochaeta gamsii* Asgari & Zare  
Nova Hedwigia 82(1-2): 228-230, 2006  
*Hordeum vulgare* L.  
E. Azarbaijan, Bonab, 5.2002  
B. Asgari  
IRAN 12363 F  
Holotype
- Coniochaeta velutinosa* Asgari & Zare  
Nova Hedwigia 82(1-2): 232, 2006  
*Hordeum vulgare* L.  
E. Azarbaijan, Osko, 5.2002  
B. Asgari  
IRAN 12364 F  
Holotype
- Coniothyrium atraphaxis* Esfand. [as  
'*atraphaxidis*']  
Sydowia 4(1-6): 26, 1950  
*Atraphaxis spinosa* L.  
Kavir kashan, 26.11.1948  
Gh. Scharif  
IRAN 761 F  
Holotype

- Coniothyrium iranicum* Esfand.  
Sydowia 1(4-6): 163, 1947  
*Punica granatum* L.  
Ahwaz, 13.3.1947  
E. Esfandiari  
IRAN 763 F  
Holotype
- Cucurbitaria ephedricola* Esfand.  
Sydowia 1(4-6): 162, 1947  
*Ephedra* sp.  
Abe Ali Mountain, 14.6.1947  
E. Esfandiari  
IRAN 840 F  
Holotype
- Cystostereum stratosum* Hallenb.  
Iran. J. Pl. Pathol. 14: 51, 1978  
Fallen log  
Gilan, Asalem, 17.7.1976  
N. Hallenberg & D. Ershad  
IRAN 870 F  
Isotype
- Cytospora teheranica* Esfand.  
Sydowia 5(3-6): 367, 1951  
*Ligustrum vulgare* L.  
Varamin, 5.8.1949  
A. Manoutchehri  
IRAN 913 F  
Holotype
- Didymosphaeria iranica* Petr.  
Sydowia 18: 364, 1965 [1964]  
*Danae racemosa* Moench  
Ramsar, 17.9.1964  
B. Amani  
IRAN 996 F  
Isotype
- Diplodina iranica* Esfand.  
Sydowia 5(3-6): 367, 1951  
Dried stems of probably *Leptadenia pyrotechnia*  
(Forssk.) Decne.  
Between Chahbahhar & Tange-Sarheh,  
15.4.1949  
Gh. Scharif  
IRAN 1014 F  
Holotype
- Discella dorematis* Vienn.-Bourg., [as  
*doremae*]  
Ann. Phytopathol. 2(4): 718, 1970  
*Dorema ammoniacum* Don.  
Abadeh, 22.5.1969  
M. Izadyar & F. Termeh  
IRAN 1017 F  
Isotype
- Entyloma majewskii* Vánky & M. Lutz
- Polish Bot. J. 55(2): 276, 2010  
*Ranunculus ficaria* L.  
Tehran, 60 km E of Tehran , Mts. Elburz,  
Emamzadeh-Hashem, 17.5.1990  
D. Ershad and T. & K. Vánky  
IRAN 7272 F  
Isotype
- Erythricium atropatanum* Ghobad-Nejhad &  
Hallenb.  
Mycol. Progr. 10(1): 64, 2011  
On dead stem of dicotyledonous herbaceous  
plant found among heaps of woody debris  
East Azarbaijan, Jolfa, Livarjan, 12.5.2008  
M. Ghobad-Nejhad, N. Hallenberg & M.  
Sohrabi  
IRAN 15326 F  
Holotype
- Eutypella iranica* Petr.  
Sydowia 18: 366, 1964  
*Wisteria sinensis* Sweet, [as *Wistaria sinensis*]  
Bandar Anzali, 20.12.1963  
F. Ebrahim-Nesbat  
IRAN 1333 F  
Isotype
- Fibrodontia subceracea* Hallenb.  
Iran. J. Pl. Pathol. 14: 54, 1978  
Fallen decayed branch  
Tonekabon, Jangale Khoshkedarán, 11.7.1976  
N. Hallenberg & D. Ershad  
IRAN 1374 F  
Isotype
- Fusarium merismoides* var. *violaceum* Gerlach  
Phytopathol. Z. 90: 34, 1977  
*Quadraspidiotus perniciosus* Comst.  
Rasht, 17.11.1968  
W. Klett  
IRAN 1474 F  
Isotype
- Galzinia longibasidia* Hallenb.  
Mycotaxon 11(2): 454, 1980  
Fallen branch of a deciduous tree  
Gorgan, Golestan Forest, 8.5.1978  
N. Hallenberg & B. Daneshpazhuh  
IRAN 1504 F  
Isotype
- Haplophoma syringae* Riedl & Ershad  
Sydowia 29(1-6): 162, 1977  
Dead branch of *Syringa persica* L.  
Gorgan, Kordkuy; 24.4.1974  
H. Riedl & D. Ershad  
IRAN 1696 F  
Isotype
- Helminthosporium iranicum* Esfand.

Sydowia 5: 369, 1951  
*Indigofera* sp.  
 Bandar Abbas, 26.6.1949  
 E. Esfandiari  
 IRAN 1706 F  
 Holotype

-*Hendersonia capparincola* Petr. [as  
 'capparidicola']  
 Sydowia 7(1-4): 71, 1953  
*Capparis spinosa* L.  
 Between Ghasre Shirin and Gilane Gharb,  
 28.3.1951  
 Gh. Scharif  
 IRAN 1714 F  
 Isotype

-*Hendersonia dactylonis* Esfand.  
 Sydowia 1(4-6): 166, 1947  
*Cynodon dactylon* (L.) pers.  
 Tehran, Darband, 13.5.1947  
 Gh. Scharif  
 IRAN 1715 F  
 Holotype

-*Hyphodontia quercina* f. *coralloides* Hallenb.  
 Mycotaxon 11(2): 456, 1980  
 On a still-attached branch of *Fagus*  
 Mazandaran, Sang-deh, 11.5.1978  
 N. Hallenberg  
 IRAN 1944 F  
 Isotype

-*Lasiodiplodia iranensis* Abdollahzadeh, Zare &  
 A.J.L. Phillips  
 Persoonia 25: 8, 2010  
 Twigs of *Salvadora persica* L.  
 Hormozgan, Bandar Abbas, Geno Mountain,  
 3.2007  
 J. Abdollahzadeh and A.R. Javadi Estahbanati  
 IRAN 14268 F  
 Holotype

-*Lasiodiplodia citricola* Abdollahzadeh, Javadi  
 & A.J.L. Phillips  
 Persoonia 25: 4, 2010  
 Twigs of *Citrus* sp.  
 Gilan, Chaboksar, 6.2007  
 J. Abdollahzadeh and A.R. Javadi Estahbanati  
 IRAN 14270 F  
 Holotype

-*Lasiodiplodia hormozganensis* Abdollahzadeh,  
 Zare & A.J.L. Phillips  
 Persoonia 25: 6, 2010  
 Twigs of *Olea* sp.  
 Hormozgan, Rudan, 6.2007  
 J. Abdollahzadeh and A.R. Javadi Estahbanati  
 IRAN 14271 F  
 Holotype

-*Lasiodiplodia gilanensis* Abdollahzadeh,  
 Javadi & A.J.L. Phillips  
 Persoonia 25: 5, 2010  
 Twigs of unknown woody plant  
 Gilan, Rahimabad-Garmabdost, 6.2007  
 J. Abdollahzadeh and A.R. Javadi Estahbanati  
 IRAN 14272 F  
 Holotype

-*Lecanidion esfandiarii* Riedl & Ershad  
 Sydowia 29(1-6): 157, 1977  
*Paliurus spina-chiristi* Mill.  
 Gorgan, 18.4.1974  
 H. Riedl and D. Ershad  
 IRAN 2115 F  
 Isotype

-*Leptosphaeria cycadis* Svrček  
 Česká Mykol. 34(4): 177, 1980  
*Cycas revoluta* Thunb.  
 Nowshahr, 11.10.1973  
 Collector Unknown  
 IRAN 2159 F  
 Isotype

-*Leveillula mindii* Khodap. & Hedjar.  
 Mycoscience 43(6): 459, 2002  
*Mindium laevigatum* (Vent.) Rech.f. &  
 Schiman-Czeika  
 Karaj, Atashgah Mount., 27.6.1974  
 M. Moussavi and R. Alava  
 IRAN 10909 F  
 Holotype

-*Leveillula guilanensis* Khodap. & Hedjar.  
 Mycoscience 43(6): 460, 2002  
*Chondrilla juncea* L.  
 Gilan, Rudbar, 8.11.1999  
 S. A. Khodaparast  
 IRAN 11443 F  
 Holotype

-*Leveillula lactucae-serriolae* Khodap. &  
 Hedjar.  
 Mycoscience 43(6): 461, 2002  
*Lactuca serriola* L.  
 Karaj, 14.10.1999  
 S. A. Khodaparast  
 IRAN 11144 F  
 Holotype

-*Leveillula rubiae* Khodap., U. Braun & Hamz.  
 Zargh.  
 Schlechtendalia 4: 49, 2000  
*Rubia tinctoria* Salisb.  
 Yazd, 9.1998  
 H. Hamzeh-Zarghani  
 IRAN 10575 F  
 Holotype

- Ligniella sharifii* Esfand.  
Sydowia 4(1-6): 27, 1950  
*Juniperus polycarpus* K. Koch  
Gorgan, Khosh yeilagh, 28.7.1948  
Gh. Scharif  
IRAN 2298 F  
Holotype
- Lophiostoma persicum* Petr.  
Sydowia 7(1-4): 58, 1953  
*Acer cinerascens* Boiss.  
Kermanshah, Kerend, 16.4.1951  
Gh. Scharif  
IRAN 2312 F  
Isotype
- Marssonina ershadii* Svrček  
Česká Mykol. 34(4): 181, 1980  
*Acer monspessulanum* L. subsp. *persicum*  
(Pojark.) Rech.f.  
Kerman, between Darzin & Sabzevaran,  
5.11.1976  
D. Ershad  
IRAN 2389 F  
Isotype
- Melampsora iranica* S. M. Damadi, M. H. Pei,  
J. A. Smith & M. Abbasi  
Forest Pathol. 41: 396, 2011  
*Salix elbursensis* Boiss.  
East Azarbaijan, Bandar-e Sharafkhaneh,  
6.2006  
S.M. Damadi  
IRAN 13948 F  
Holotype
- Melanconium ershadii* Riedl  
Sydowia 29(1-6): 163, 1977  
Dead branch of *Pterocarya fraxinifolia* (Poir.)  
Spach.  
Gorgan, Kordkuy, 24.4.1974  
H. Riedl and D. Ershad  
IRAN 2495 F  
Isotype
- Melasmia iranica* Svrček  
Česká Mykol. 34(4): 181, 1980  
*Asyneuma pulchellum* Bornm.  
Uromieh, Ghasemlou, 16.6.1977  
M. Moussavi, A. Zargani and R. Tehrani  
IRAN 2505 F  
Isotype
- Microdiplodia rhamnincola* Petr.  
Sydowia 7(1-4): 72, 1953  
*Rhamnus* sp.  
Kermanshah, Ghasre Shirin, Imam Hassan,  
6.4.1951  
Gh. Scharif  
IRAN 2528 F
- Isotype
- Microdiplodia salicina* Petr.  
Sydowia 7(1-4): 73, 1953  
*Salix* sp.  
Kermanshah, Ghasre Shirin, between Patogh &  
Kerend, 15.4.1951  
Gh. Scharif  
IRAN 2529 F  
Isotype
- Neosphaeropsis iranica* Esfand.  
Sydowia 1(4-6): 164, 1947  
*Ononis leiosperma* Boiss.  
Varamin, 15.4.1947  
E. Esfandiari  
IRAN 2660 F  
Holotype
- Oliveonia subfibrillosa* Hallenb.  
Mycotaxon 11(2): 456, 1980  
Fallen trunk of a deciduous tree  
Gorgan, Golestan Forest, 30.4.1978  
N. Hallenberg  
IRAN 2702 F  
Isotype
- Ovularia iranica* Petr.  
Sydowia 7(1-4): 77, 1953  
*Salvia* sp.  
Damavand, Marunak, 12.7.1948  
A. Manoutchehri  
IRAN 2724 F  
Isotype
- Peniophora pseudonuda* Hallenb.  
Mycotaxon 11(2): 459, 1980  
Fallen branch of a deciduous tree  
Goragan, Golestan Forest, 8.5.1978  
N. Hallenberg  
IRAN 2858 F  
Isotype
- Peniophora quercina* f. *phlebioides* Hallenb.  
Mycotaxon 11(2): 459, 1980  
On a Fallen twig  
Gorgan, Golestan Forest, 26.4.1978  
N. Hallenberg  
IRAN 2844 F  
Isotype
- Peronospora alkannae* Vienn.-Bourg.  
Bull. Trimest. Soc. Mycol. France 84: 503, 1969  
[1968]  
*Alkanna lutea* A. DC.  
Tonekabon, Khoramabad, 9.4.1968  
Gh. Scharif  
IRAN 2878 F  
Isotype

- Phaeobotryon cupressi* Abdollahzadeh, Zare & A.J. L. Phillips  
Persoonia 23: 6, 2009  
*Cupressus sempervirens* L.  
Golestan, Gorgan, Park-e Shahr, 2006  
M.A. Aghajani  
IRAN 13940 F  
Holotype
- Phanerochaete aculeata* Hallenb.  
Iranian J. Pl. Pathol. 14: 62, 1978  
Fallen branch  
Tonekabon, Jangale Dohezar, 12.7.1976  
N. Hallenberg and D. Ershad  
IRAN 3044 F  
Isotype
- Phanerochaete macrocystidiata* Hallenb.  
Iranian J. Pl. Pathol. 14: 65, 1978  
Fallen log  
Gorgan, Khanbebin, Jangale Shirabad, 7.7.1976  
N. Hallenberg and D. Ershad  
IRAN 3045 F  
Isotype
- Phanerochaete radulans* Hallenb.  
Iranian J. Pl. Pathol. 14: 67, 1978  
Fallen decayed branch  
Gorgan, Jangale Shast Kalateh, 3.7.1976  
N. Hallenberg and D. Ershad  
IRAN 3050 F  
Isotype
- Phlebia caspica* Hallenb.  
Mycotaxon 11(2): 460, 1980  
Fallen branch of a deciduous tree  
Gorgan, Golestan Forest; 26.4.1978  
N. Hallenberg and B. Daneshpazhuh  
IRAN 3176 F  
Isotype
- Phragmidium bayatii* Esfand. & Petr.  
Ann. Mycol. 39: 206, 1941  
*Hulthemia persica* Bornm.  
Karaj, 12.7.1946  
E. Esfandiari  
IRAN 3270 F  
Isotype
- Phragmidium gorganense* M. Abbasi  
Rostaniha 7(2): 145, 2006  
*Rubus caesius* L.  
Golestan, Gorgan, 1.11.1994  
M. Montazeri  
IRAN 9144 F  
Holotype
- Phragmidium iranicum* Petr. & Esfand.  
Ann. Mycol. 39: 207, 1941  
*Rubus caesius* L.  
Karaj, 15.7.1946  
E. Esfandiari  
IRAN 3275 F  
Isotype
- Pleospora davatchii* Esfand.  
Sydowia 4(1-6): 12, 1950  
*Cypripis spinosa* L.  
Desert around Kashan, Eynol-Rashid,  
28.11.1948  
Gh. Scharif  
IRAN 3516 F  
Holotype
- Preussia persica* Asgari & Zare  
Nova Hedwigia 90(3-4): 541, 2010  
Dead barley leaves  
East Azarbaijan, Sarab, 1.2003  
B. Asgari  
IRAN 12397 F  
Holotype
- Preussia polymorpha* Asgari & Zare  
Nova Hedwigia 90(3-4): 539, 2010  
Dead barley leaves  
East Azarbaijan, Osku, 3.2003  
B. Asgari  
IRAN 12398 F  
Holotype
- Puccinia ariorum* M. Abbasi, Hedjar., Gjaerum & M. Scholler  
Mycotaxon 81: 436, 2002  
*Bromus danthoniae* var. *danthoniae* Trin.  
Chahar Mahal va Bakhtiari, 2 km W. of  
Babaheidar, 14.5.1994  
M. Abbasi and R. Fritsch  
IRAN 10643 F  
Holotype
- Puccinia behboudii* Esfand.  
Sydowia 5(3-6): 366, 1951  
*Cachrys* sp.  
Fars, Dena Mount, 31.7.1949  
E. Behboudi  
IRAN 3771 F  
Holotype
- Puccinia cephalariae* Vienn-Bourg.  
Cryptog. Mycol. 6(1): 39, 1985  
*Cephalaria procera* var. *kotschyi*  
Tehran, Karaj, 1984  
N. Ale-Agha  
IRAN 11540 F  
Isotype
- Puccinia coronata* Corda var. *golestanica* M. Abbasi & Hedjar.  
Rostaniha 5(1): 37, 2004  
*Phleum paniculatum* Huds.

- Golestan, Gorgan, Golestan National Park,  
Tange-gol to Sar-Cheshmeh, 22.7.1991  
M. Abbasi and J. Fatehi  
IRAN 11480 F  
Holotype
- Puccinia daneshpazhuhii* Ershad, M. Abbasi &  
Gjaerum  
Iranian J. Pl. Pathol. 33: 8, 1997  
*Achillea* cf. *kellalensis* Boiss. et Hausskn.  
Esfahan, Lenjan, 26.5.1984  
B. Daneshpazhuh  
IRAN 9448 F  
Holotype
- Puccinia dorematis-ammoniaci* M. Abbasi,  
Hedjar. & Gjaerum  
Lidia 3(4): 120, 1994  
*Dorema ammoniacum* D. Don.  
Esfahan, Kolah Ghazi, Sanambar Spring,  
8.6.1992  
J. Fatehi  
IRAN 8590 F  
Holotype
- Puccinia fashamensis* Ershad & Gjaerum  
Iranian J. Pl. Pathol. 22: 15, 1986  
*Geranium* sp.  
Fasham Mountain, 28.6.1984  
M. Moussavi and Gh. A. Karavar  
IRAN 3859 F  
Holotype
- Puccinia garhadioli* Esfand.  
Sydowia 1(4-6): 161, 1947  
*Garhadiolus hedynois* Jaub. & Spach.  
Shemiran, 2.6.1946  
E. Esfandiari  
IRAN 3863 F  
Holotype
- Puccinia geranii-tuberosi* Petr.  
Sydowia 7(1-4): 51, 1953  
*Geranium tuberosum* L.  
Bakhtaran, Kerend, 16.4.1951  
Gh. Scharif  
IRAN 3870 F  
Isotype
- Puccinia gorganensis* Petr.  
Sydowia 7(1-4): 52, 1953  
*Willemetia tuberosa* Fisch. & Mey. (reported as  
*W. bulbosa*) = *Calycocorsus tuberosus* (Fisch.  
& Mey.ex DC.) Rauschert  
Gorgan, Naharkhoran, 30.4.1948  
Gh. Scharif  
IRAN 3875 F  
Isotype
- Puccinia gynandriridis* M. Abbasi, Hedjar. &  
Gjaerum  
Lidia 3(3): 73, 1993  
*Gynandriris sisyrinchium* (L.) Parl.  
Fars, Shiraz to Firoozabad, 40km. N of  
Firoozabad, 16.4.1991  
B. Daneshpazhuh  
IRAN 8344 F  
Holotype
- Puccinia hedjaroudei* M. Abbasi  
Rostaniha 7(2): 142, 2006  
*Scutellaria multicaulis* Boiss.  
Markazi, Mahallat, Bozi-Jan, Cheshmeh Deraz,  
1.7.1984  
M. Moussavi and R. Sharif-Tehrani  
IRAN 11726 F  
Holotype
- Puccinia khalkhalensis* Ershad, M. Abbasi &  
Gjaerum  
Iranian J. Pl. Pathol. 33: 7, 1997  
*Scorzonera calyculata* Boiss.  
Khalkhal, Aghdagh Mount, 25.5.1988  
Gh. A. Karavar, M.R. Delgnandi and R. Sharif-  
Tehrani  
IRAN 7971 F  
Holotype
- Puccinia manoutcherii* Vienn.-Bourg.  
Ann. Phytopathol. 2(4): 700, 1970/1971  
*Phlomis orientalis* Mill.  
Abadeh, Eghlid, Bel Mount, 3000m, 3.6.1969  
M. Izadyar and F. Termeh  
IRAN 3934 F  
Isotype
- Puccinia passerinii* var. *iranica* M. Abbasi,  
Hedjar. & Gjaerum  
Lidia 3(3): 74, 1993  
*Thesium kotschyanum* Boiss.  
Esfahan, Tange Jozdan, 1.6.1984  
B. Daneshpazhuh  
IRAN 3957 F  
Holotype
- Puccinia picridis-strigosae* var. *longipedicelata*  
Ershad, Gjaerum & M. Abbasi  
Iranian J. Pl. Pathol. 33(1, 2): 9, 1997  
*Picris strigosa* subsp. *kurdica* Lack  
Hamedan, Ganjnameh, near Shahrestaneh,  
15.6.1987  
Gh. A. Karavar, F. Termeh and M.R. Delghandi  
IRAN 7205 F  
Holotype
- Puccinia scharifii* Petr.  
Sydowia 7: 53, 1953  
*Pycnocycla acanthorhipsis* Rech.f., Aellen &  
Esfandiari



- Ilam, road of Mehran, 2.6.1951  
Gh. Scharif  
IRAN 4001 F  
Isotype
- Puccinia scorzonerae-limnophilae* Alé-Agha  
Cryptog. Mycol. 6(1): 37, 1985  
*Scorzonera limnophila* Boiss.  
Ardebil Prov., Ardebil, 20.7.1983  
N. Ale-Agha  
IRAN 11541 F  
Isotype
- Puccinia wendelboi* Jørst.  
Acta. Univ. Bergensis, Ser. Math. Rer. Nat. 11: 21, 1960/1961  
*Arabis nepetifolia* Boiss.  
Elburz Mts., Nezva Mount, 3000 m, 8.7.1959  
P. Wendelbo  
IRAN 8339 F  
Isotype
- Pyrenopeziza teheranica* Petr.  
Sydowia 7(1-4): 67, 1953  
*Parietaria judaica* L.  
Tehran, Pasghalleh, 4.7.1947  
Gh. Scharif  
IRAN 4617 F  
Isotype
- Ramularia rubicola* Ershad  
Rostaniha 1: 3, 2000  
*Rubus caesius* L.  
Gorgan, 11.1994  
M. Montazeri  
IRAN 10584 F  
Holotype
- Ramularia uredinicola* Khodap. & U. Braun  
Mycotaxon 91: 358, 2005  
*Melampsora* sp., on *Salix babylonica*  
Gilan, Sumaehsara, 3.7.2004  
S. A. Khodaparast  
IRAN 12316 F
- Sclerotium intestinum* Petr. & Scharif  
Sydowia 10(1-6): 16, 1956  
*Cucumis melo* L.  
Esfahan, Esfahanak, 9.9.1955  
Gh. Scharif and A. Manoutchehri  
IRAN 4871 F  
Isotype
- Septoria davatchii* Esfand.  
Sydowia 4(1-6): 29, 1950  
*Populus hybrida* M.Bieb.  
Chalus Valley, 8.8.1948  
A. Davatchi  
IRAN 4944 F  
Holotype
- Septoria lepyrodiclidis* Petr.  
Sydowia 4(1-6): 30, 1950  
*Lepyrodiclidis holosteoides* Fenzl ex Fisch. & Mey.  
Tehran, Pasghalleh Mountain, 26.6.1947  
E. Esfandiari  
IRAN 4973 F  
Isotype
- Septoria rechingeri* Petr.  
Ann. Naturhist. Mus. Wien, Ser. B, Bot. Zool. 1: 507, 1939/1940  
*Rheum* sp.  
Khorasan, between Robat-Sefid and Turbat-e Haidarieh, 7.1937  
K. H. Rechinger  
IRAN 5016 F  
Isotype
- Sistotrema resinicystidium* Hallenb.  
Mycotaxon 11: 466, 1980  
Brown-rotted wood of *Quercus* on the ground  
Gorgan, Golestan Forest, 27.4.1978  
N. Hallenberg and B. Daneshpazhuh  
IRAN 5073 F  
Isotype
- Sistotrema suballantosporum* Hallenb.  
Mycotaxon 11: 468, 1980  
Decayed wood on the ground  
Gorgan, Golestan Forest, 26.4.1978  
N. Hallenberg and B. Daneshpazhuh  
IRAN 5078 F  
Isotype
- Stagonospora citrorum* Petr.  
Sydowia 7(1-4): 76, 1953  
*Citrus* sp.  
Kazerun, 1.1950  
Modjtahedi  
IRAN 5203 F  
Isotype
- Stagonospora iranica* Petr. & Esfand.  
Ann. Mycol. 39(2-3): 222, 1941  
*Lathyrus incurvus* Willd  
Karaj, 12.7.1946  
E. Esfandiari  
IRAN 5205 F  
Isotype
- Stemphylium iranicum* Esfand.  
Sydowia 4(1-6): 34, 1950  
*Populus euphratica* Olivier  
Lorestan, 9.9.1946  
E. Esfandiari  
IRAN 5244 F  
Holotype
- Stigmia esfandiarii* Petr.

- Sydowia 4(1-6): 35, 1950  
*Vitis vinifera* L.  
 Khorramabad, Alashtar, 10.9.1947  
 Gh. Scharif  
 IRAN 244 F  
 Isotype
- Teichospora scharifii* Petr.  
 Sydowia 7(1-4): 64, 1953  
*Quercus brantii* Lindl.  
 Kermanshah, Ghasre Shirin, Patogh, 14.4.1951  
 Gh. Scharif  
 IRAN 5409 F  
 Isotype
- Thyrostroma obtectum* Petr. & Esfand.  
 Ann. Mycol. 39: 227, 1941  
*Sophora japonica* L.  
 Karaj, 12.7.1945  
 E. Esfandiari  
 IRAN 5426 F  
 Isotype
- Thyrostroma speciosum* Petr.  
 Sydowia 4(1-6): 37, 1950  
*Echinops* sp.  
 Shahrud, 7.1948  
 E. Esfandiari  
 IRAN 5427 F  
 Isotype
- Tilletia rostrariae* Vánky & Ershad  
 Rostaniha 3: 51, 2002  
*Rostraria cristata* L. Tzvelev  
 Maraveh-Tapeh, 14.5.1990  
 H. Golzar and T. Vánky  
 IRAN 7260 F  
 Holotype
- Torula convolvuli* Esfand.  
 Sydowia 5(3-6): 370, 1951  
 Rotted stems of *Convolvulus* sp.  
 Jask, Biaban, 21.2.1949  
 E. Behboudi  
 IRAN 5470 F  
 Holotype
- Tranzschelia arasbaranica* M. Abbasi & M. Scholler  
 Sydowia 57(2): 150, 2005  
*Prunus mahaleb* L.  
 E Azarbaijan, Ahar, Arasbaran forest, Ooli,  
 30.8.1998  
 Gh. H. Tavanaei  
 IRAN 12359 F  
 Holotype
- Tranzschelia hyrcanica* M. Abbasi & Gjaerum  
 Mycotaxon 64: 52, 1997
- Prunus divaricata* Ledeb. subsp. *caspica* (Kov. & Ekim) Browicz  
 Mazandaran, Kelardasht, around Roudbarak,  
 20.8.1992  
 M. Abbasi and J. Fatehi  
 IRAN 8605 F  
 Holotype
- Tranzschelia iranica* M. Abbasi & Gjaerum  
 Mycotaxon 64: 54, 1997  
*Cerasus microcarpa* Boiss.  
 Kermanshah, Rijab, Sarab-e Eskandar,  
 22.6.1968  
 M. Iranshahr and A. Dezfolian  
 IRAN 5686 F  
 Holotype
- Trechispora fibrillosa* Hallenb.  
 Iranian J. Pl. Pathol. 14: 75, 1976  
 Fallen branch of *Carpinus* sp.  
 Gorgan, Jangale Nahar Khoran, 1.7.1976  
 N. Hallenberg and D. Ershad  
 IRAN 5696 F  
 Isotype
- Trechispora granulifera* Hallenb.  
 Iranian J. Pl. Pathol. 14: 77, 1978  
 Fallen decayed log of *Parrotia persica* C. A. Mey.  
 Gilan, Asalem, 16.7.1976  
 N. Hallenberg and D. Ershad  
 IRAN 5700 F  
 Isotype
- Trematosphaeria daphnes* Petr.  
 Sydowia 7(1-4): 65, 1953  
*Daphne angustifolia* C. Koch.  
 Ilam, road of Gilanegharb, 4.6.1951  
 Gh. Scharif  
 IRAN 5730 F  
 Isotype
- Tryblidaria esfandiari* Petr.  
 Sydowia 4(1-6): 22, 1950  
*Berberis integerrima* Bunge  
 Between Shahrud and Gorgan, 8.1948  
 E. Esfandiari  
 IRAN 5772 F  
 Isotype
- Tubulicrinis incrassatus* Hallenb.  
 Iranian J. Pl. Pathol. 1: 80, 1978  
 Fallen branch  
 Gorgan, Rank aou forest, 4.7.1976  
 N. Hallenberg and D. Ershad  
 IRAN 5782 F  
 Isotype
- Tuburcinia behboudii* Esfand.  
 Sydowia 4(1-6): 11, 1950

*Arrhenatherum kotschyi* Boiss.  
Kermanshah, Ghalajeh, 16.5.1948  
E. Behboudi  
IRAN 4398 F  
Holotype

*-Urocystis phalaridis* Vánky  
Rostaniha 12(2): 188, 2011  
*Phalaris* sp.  
Golestan, Gorgan, 1.1.1993  
Sh. Daemi  
IRAN 10352 F  
Holotype

*-Uromyces cyprius* Vienn.-Bourg.  
Bull. Trimest. Soc. Mycol. France 84: 500, 1968  
*Rumex cyprius* Murb.  
Ahwaz, 3.4.1968  
Gh. Scharif  
IRAN 5905 F  
Isotype

*-Uromyces inaequaltes* var. *ecbatanensis* M.  
Abbasi, Moaven & Soleimani  
Rostaniha 6: 13, 2005  
*Silene laxa* Boiss. & Kotschy  
Hamedan, Faghireh village, 8.9.2003  
E. Moaven  
IRAN 12393 F  
Holotype

*-Uromyces lentincola* Petr.

Sydowia 7(1-4): 55, 1953  
*Lens esculenta* Moench  
Saravan, Kuhak, 10.4.1950  
M. Salavation  
IRAN 5937 F  
Isotype

*-Uromyces teheranicus* Petr.  
Sydowia 10(1-6): 4, 1956/1957  
*Trifolium* sp.  
Varamin, 28.5.1955  
Gh. Scharif  
IRAN 5942 F  
Isotype

*-Valsa iranica* Ashkan & Hedjar.  
Iranian J. Pl. Pathol. 17: 16, 1981  
*Juglans regia* L.  
East Azarbaijan, Gougan, 31.8.1977  
M. Ashkan  
IRAN 11667 F  
Isotype

*-Zignoëlla sharifi* Petr.  
Sydowia 4(1-6): 20, 1950  
*Zygophyllum atriplicoides* Fisch. & Mey.  
Desert around Kashan, 26.11.1948  
Gh. Scharif  
IRAN 8198 F  
Isotype

## Part B) A list of fungal type specimens of foreign countries in fungal reference collection of the Ministry of Jihad-e Agriculture (IRAN)

*-Achoropeltis modesta* Syd.  
Ann. Mycol. 27: 79, 1929  
*Eurya seemanniana* Pittier  
Costa Rica, San Ramon, 9.1925  
M. Brenes  
IRAN 2 F  
Isotype

*-Anatexis sydowii* Petr.  
Ann. Mycol. 29: 250, 1931  
*Aphania loheri* Radlk.  
Philippinen, Luzon, Prov. Pampanga, Mt.  
Arayat, 3.1923  
M. S. Clemens  
IRAN 85 F  
Isotype

*-Anthracoidea altiphila* Vánky & M. Piepenbr.  
Mycotaxon 51: 166, 1994  
*Carex jamesonii* Boott  
Costa Rica, Prov. Cartago, Mts. Cordillera de  
Talamanca, 38 km S Cartago; 5.3.1991  
P. Döbbeler, J. Gomez-Laurito, T. et K. Vánky

IRAN 12118 F  
Isotype

*-Anthracoidea altiphila* Vánky & M. Piepenbr.  
Mycotaxon 51: 166, 1994  
*Carex pichinchensis* H.B. & K.  
Ecuador, Pichincha, Ct. Quito, 20 km S.W.  
Quito, inter pagg. Chilligallio et San Juan.,  
4.3.1993  
C. Menge, R. Berndt, H. Bauch and K. Vánky  
Isoparatype  
IRAN 12119 F

*-Anthracoidea baldensis* Vánky  
Bot. Not. 132(2): 223, 1979  
*Carex baldensis* L.  
Helvetia: Kt. Graubunden, Ofenpass, pr.  
Wegerhaus, Val Nügli, 28.7.1979  
E. Müller and K. Vánky  
IRAN 7650 F  
Topotype

*-Anthracoidea blanda* Vánky & H. Alexander

- Mycotaxon 91: 252, 2005  
*Carex blanda* Dewey  
 USA, Kansas, Douglas Co., 3 km N urbe  
 Baldwin, Breidenthal Biological Reserve,  
 31.5.2004  
 H. Alexander  
 IRAN 12117 F  
 Isotype
- Anthracoidea curvulae* Vánky & Kukkonen  
 Mycotaxon 18(2): 319, 1983  
*Carex curvula* All.  
 Helvetia: Kt. Graubuenden, Albula-Pass, mt.  
 Crap Alv, 27.7.1979  
 E. Mueller and K. Vánky  
 IRAN 7576 F  
 Isotype
- Anthracoidea multicaulis* Vánky & V. Salo  
 Mycologia Balcanica 7(2-3): 106, 2011  
*Carex multicaulis* L. Bailey  
 USA, California, Siskiyou Co., Mt. Shasta,  
 south slope, 9.8.1988  
 M. Berbee and K. Vánky  
 IRAN 14521 F  
 Isotype
- Anthracoidea tomentosae* Vánky  
 Bot. Not. 132: 227, 1979  
*Carex tomentosa* L.  
 Romania: Transsilvania, pr. Urbem Cluj,  
 16.7.1978  
 G. Negrean and K. Vánky  
 IRAN 7459 F  
 Isotype
- Anthracoidea unciniae* Vánky & C. Vánky  
 Mycotaxon 54: 222, 1995  
*Uncinia hamata* Urb.  
 Venezuela, Distr. Federal, 10 km E.N.E. oppid.  
 Colonia, 15.12.1993  
 R. Berndt, C. and K. Vánky  
 IRAN 12120 F  
 Isotype
- Antimanoa grisleae* Syd.  
 Ann. Mycol. 28: 170, 1930  
*Grislea secunda* Loeffl.  
 Venezuela, Antiimano bei Caracas  
 H. Sydow  
 IRAN 93 F  
 Isotype
- Aplosporella lilacis* Petr. (published as  
*Haplosporella*)  
 Ann. Mycol. 42: 50, 1944  
*Syringa vulgaris* L.  
 Czechoslovakia: Maehren, Maehr-  
 Weisskirchen, 4. 1938  
 F. Petrak
- IRAN 1698 F  
 Isotype
- Ascochyta starcii* Syd.  
 Schedae zu Fungi latvici exsic. 5: 75, no. 230,  
 1932  
*Acanthopanax sessiliflorus* cult.  
 Latvia, Prov. Vidzeme, Dist. Madona: Gulbene,  
 8.1931  
 Kirulis and K. Starcs  
 IRAN 213 F  
 Isotype
- Aspicilia rogeri* Sohrabi  
 The Bryologist 114(1): 178-189, 2011  
 Vagrant  
 USA, Oregon, Wallowa county, The Nature  
 Conservancy's Zumwalt Prairie, Nature  
 Preserve, NE of Summer Camp. 7.8.2007  
 R. Rosentreter  
 IRAN 15328 F  
 Isotype
- Asterina costaricensis* Syd.  
 Ann. Mycol. 25: 51, 1927  
*Jacobinia tinctoria* Hemsl.  
 Costa Rica, Alajuela, 1.1925  
 H. Sydow  
 IRAN 251 F  
 Isotype
- Asterina dipholidis* Petr. & Cif.  
 Ann. Mycol. 28: 378, 1930  
*Dipholis angustifolia* Urb.  
 Haitit: S. Domingo, Moncion, 5.1929  
 R. Ciferri  
 IRAN 253 F  
 Isotype
- Asterostomella alchorneae* Petr.  
 Sydowia 12: 484, 1958/1959  
*Alchornea sicca* Merr.  
 Philippinen: Luzon: Prov. Bulacan, Angat,  
 11.1924  
 M. S. Clemens  
 IRAN 268 F  
 Isotype
- Asterostomella roureae* Petr.  
 Sydowia 12: 485, 1958/1959  
*Rourea erecta* Merr.  
 Philippinen: Luzon, Tarlac Prov.: Paniqui,  
 1.1925  
 M. S. Clemens  
 IRAN 269 F  
 Isotype
- Aurantiosporium marisci* Vánky & C. Vánky  
 Mycotaxon 70: 17, 1999  
*Mariscus thunbergii* (Vahl) Schrad.

- South Africa: Western Cape Prov., Tsitsikamma National Park, 19.12.1996  
C. and K. Vánky  
IRAN 12265 F  
Isotype
- Aurantiosporium scleriae* Vánky  
Mycotaxon 81: 403, 2002  
*Scleria flexuosa* Böckeler  
Malawi: Northern Prov., 98 km NW urbe Mzuzu, 21.4.2001  
C., T. and K. Vánky  
IRAN 12197 F  
Isotype
- Burrillia sagittariae* Vánky & C. Vánky  
Mycotaxon 59: 90, 1996  
*Sagittaria planitiana* Agostini  
Venezuela, Guárico, Estado Guarico, c. 70 km N urbe San Fernando, alt: 100 m, 8 28 0 N, 67 35 0 W, 7.12.1993  
R. Berndt  
IRAN 12267 F  
Isotype
- Cercospora spiloticta* Syd.  
Ann. Mycol. 28: 217, 1930  
*Pithecolobium lanceolatum* Benth.  
Venezuela: Aragua, Zwischen Victoria und Suata, 1.1928  
H. Sydow  
IRAN 509 F  
Isotype
- Chondrostroma laricis* Syd.  
Ann. Mycol. 38: 471, 1940  
*Larix sibirica* Ledeb.  
Germany: Westfalen, Fischbacher Berg bei Siegen, 4.1938  
A. Ludwig  
IRAN 564 F  
Isotype
- Cintractia mitchellii* Vánky  
Mycotaxon 62: 159, 1997  
*Fimbristylis schultzei* Boeck.  
Australia, Western Australia, Kimberley region, pr. Kalumburu, 2.2.1996  
A.A., Mitchell, C. Brockway and C. & K. Vánky  
IRAN 14498 F  
Isotype
- Coniocessia maxima* Asgari & Zare  
Mycol. Progr. 10(2): 199, 2011  
Goat dung  
Spain, Caceras, 5.1971  
P. Blaser  
IRAN 14377 F  
Holotype
- Coniolarrella macrothecia* Zare, Asgari & W. Gams  
Mycologia 102(6): 1383, 2010  
Soil  
USA, Colorado, Monument valley area, 1995  
F. Seigle-Murandi  
IRAN 14439 F  
Holotype
- Cryptosporiopsis quercina* Petr.  
Ann. Mycol. 22: 159, 1924  
*Quercus rubra* L.  
Germany: Westfalen: Stumbach bei Siegen, 11.1926  
A. Ludwig  
IRAN 833 F  
Topotype
- Cryptosporiopsis tiliae* Petr.  
Ann. Mycol. 42: 54, 1944  
*Tilia* sp.  
Germany: Westfalen; Siegen: indenberg, 4.1940  
A. Ludwig  
IRAN 834 F  
Isotype
- Dermatosorus cyperi* Vánky  
Mycotaxon 54: 216, 1995  
*Cyperus* aff. *celluloso-reticulatus* Böckeler  
Venezuela: Est. Apure, 94 km W San Fernando de Apure, 5.12.1993  
R. Berndt, C. and K. Vánky  
IRAN 12122 F  
Isotype
- Doassansia alismatis-oligococci* Vánky  
Svensk Bot. Tidskr., 69: 54, 1975  
*Alisma oligococcum* Mueller  
Srilanka: Yala National Park, 12.3.1974  
K. Vánky  
IRAN 1029 F  
Isotype
- Doassansiopsis euryales* R.A.B. Verma & V. Jha  
J. Freshwater Biol. 11(1-2): 7, 1999  
*Euryale ferox* Salisb.  
India, North Bihar, pr. Darbhanga, 26 10 N 85 54 E, 9.1989  
R.A.B. Verma and V. Jha  
IRAN 14477 F  
Isotype
- Doassansiopsis nymphoides* Vánky  
Mycotaxon 81: 401, 2002  
*Nymphoides rautaneni* (N.E. Br.) A. Raynal  
Zambia: Southern Prov., 130 km SE urbe Kafue, pr. Lacum Kariba, 28.4.2001  
C. and K. Vánky  
IRAN 12191 F

- Isotype
- Doassansiopsis tomasii* Vánky  
Mycotaxon 95: 46, 2006  
*Nymphaea nouchali* Burm.f.  
Ethiopia, Gojam Reg., 17 km S urbe Bahar Dahr, pr. Blue Nile Falls, 22.10.2004  
T. and K. Vánky  
IRAN 14476 F  
Isotype
- Dothiorella dominicana* Petr. & Cif.  
Ann. Mycol. 28: 410, 1930  
*Mangifera indica* L.  
Haiti: S. Domingo, Haina, 5.1929  
R. Ciferri  
IRAN 1064 F  
Isotype
- Echidnodes asterinearum* Petr. & Cif.  
Ann. Mycol. 28(5-6): 381, 1930  
*Asterina* sp. on *Eugenia* sp.  
Haiti: S. Domingo, Haina, 27.2.1926  
R. Ciferri  
IRAN 1076 F  
Isotype
- Echidnodes luzonensis* Petr.  
Mycotheca Generalis, 3: 119, 1930  
*Vaccinium barandanum* S. Vidal  
Philippinen: Luzon, Prov. Benguet, Baguio, 12.1925  
M. S. Clemens  
IRAN 1078 F  
Isotype
- Entyloma cosmi* Vánky, Horita & Jage  
Mycoscience 46(6): 365, 2005  
*Cosmos bipinnatus* Cav.  
Japonia, Hokkaido, Takikawa, Higashi-takikawa, alt: 30 m, 43 34 49 N 141 59 4 E, 30.9.2004  
H. Horita  
IRAN 14517 F  
Isotype
- Entyloma cosmi* Vánky, Horita & Jage  
Mycoscience 46(6): 365, 2005  
*Cosmos bipinnatus* Cav.  
Germania, Sachsen-Anhalt, Kreis Wittenberg, Kemberg, 3.8.2004  
H. Jage  
IRAN 14518 F  
Isoparatype
- Entyloma frondosa* Vánky  
Mycotaxon 85: 6, 2003  
*Bidens frondosa* L.  
Zambia: Southern Prov., 162 km NE urbe Livingstone, 14.4.2001  
C., T., and K. Vánky  
IRAN 12207 F  
Isotype
- Entyloma siegesbeckiae* Vánky  
Fungal Diversity 17: 167, 2004  
*Siegesbeckia orientalis* L.  
Mexico: Michoacan state, 40 km N urbe Zitacuaro, 3.12.2003  
C. and K. Vánky  
IRAN 12073 F  
Isotype
- Entyloma zinniae* Syd.  
Ann. Mycol. 33: 233, 1935  
*Zinnia pauciflora* L.  
South Africa: Pretoria, 1 km S Voortrekker Monument, 11.1.1997  
C. Roux, C. and K. Vánky  
IRAN 12270 F  
Topotype
- Farysia corniculata* Vánky  
Mycotaxon 43: 423, 1992  
*Carex lemmaniana* Boott  
Costa Rica: Prov. Cartago, 84 km S.E. San Jose, 17.7.1993  
M. Piepenbring  
IRAN 12219 F  
Topotype
- Gloeosporium niveum* Davis  
Trans. Wisconsin Acad. Sci. 22: 171, 1926  
*Rhytisma salicinum* (Pers.) Fr. on *Salix discolor* Muhl.  
North America: Wisconsin, Ingram, 8.1925  
J. J. Davis  
IRAN 1629 F  
Paratype
- Heterotolyposporium lepidospermatis* Vánky [as '*lepidospermae*']  
Mycotaxon 63: 144, 1997  
*Lepidosperma ensiforme* (Rodway) D.I. Morris  
Australia: Tasmania, North Coast, c. 10 km E urbe Launceston, 15.3.1996  
C. and K. Vánky  
IRAN 12221 F  
Isotype
- Hysterostegiella typhae* Syd.  
Ann. Mycol. 19: 140, 1921  
*Typha angustifolia* L.  
Germania: Brandenburg. Sperenberg bei Zossen, 12.7.1917  
H. Sydow  
IRAN 1993 F  
Isotype
- Jamesdicksonia festucae* Vánky

Fungal Diversity 17: 171, 2004

*Festuca tolucensis* Kunth

Mexico: Chihuahua State, 124 km SW urbe

Hidalgo del Parral, 15.11.2003

T. and K. Vánky

IRAN 12075 F

Isotype

-*Jamesdicksonia ischaemiana* (Thirum. & Pavgi) R. Bauer, Begerow, A. Nagler & Oberw. Mycol. Res. 105(4): 422, 2001

*Ischaemum semisagittatum* Roxb.

India, Maharashtra State, Kandala, alt: 580 m,

18 45 N 73 25 E, 19.10.1995

N. D. Sharma, C. and K. Vánky

IRAN 14485 F

Topotype

-*Lembosia rizalensis* Petr.

Sydowia, 9(1-6): 533, 1955

*Linociera ramiflora* (Roxb.) DC.

Philippinen: Luzon, Proc.: Rizla, Antipolo,

8.1921

M. Ramos

IRAN 2117 F

Isotype

-*Lembosia tarlacensis* Petr.

Mycotheca Generalis, 3: 104, 1930

*Cleistanthus blancoi* S. Vidal

Philippinen: Luzon: Tarlac, Prov. Lapaz, 1924

M. S. Clemens

IRAN 2118 F

Isotype

-*Linochora verbessinae* Syd.

Ann. Mycol. 28: 192, 1930

*Verbesina turbacensis* H.B. & K.

Venezuela: El Limon; 1.1928

F. Petrak

IRAN 2300 F

Isotype

-*Lundquistia mexicana* Vánky

Fungal Diversity 17: 161, 2004

*Andropogon gerardii* Vitman

Mexico: Durango state, 57 km WSW urbe

Durango, 19.11.2003

T. and K. Vánky

IRAN 12070 F

Isotype

-*Macalpinomyces eragrostiellae* Vánky & C.

Vánky

Mycotaxon 59: 117, 1996

*Eragrostiella bifaria* (Vahl) Bor

India: Madhya Pradesh, 9 km S.E. Jabalpur,

13.10.1992

N. D. Sharma *et al.*

IRAN 12224 F

Isotype

-*Macalpinomyces leptocarydionis* Vánky

Mycotaxon 81: 407, 2002

*Leptocarydion vulpiastrum* (De Not) Stapf

Zambia: Southern Prov., 126 km SE urbe

Kafue, 30.4.2001

C. and K. Vánky

IRAN 12202 F

Isotype

-*Macalpinomyces magicus* Vánky & T. Vánky

Mycotaxon 81: 412, 2002

*Loudetia flava* (Stapf) C. E. Hubb.

Zambia: Lusaka Prov., 124 km ENE urbe

Lusaka, 17.4.2001

T., C. and K. Vánky

IRAN 12195 F

Isotype

-*Macalpinomyces nodiglumis* Vánky

Mycotaxon 81: 414, 2002

*Tristachya nodiglumis* K. Schum.

Zambia: Lusaka Prov., 124 km ENE urbe

Lusaka, 17.4.2001

T., C. and K. Vánky

IRAN 12204 F

Isotype

-*Macalpinomyces panici* Vánky

Mycotaxon 91: 219, 2005

*Panicum aequinerve* Nees

South Africa: KwaZulu-Natal Prov., Royal

Natal National Park, 29.12.1996

C. and K. Vánky

IRAN 12105 F

Isotype

-*Macalpinomyces pogonarthriae* Vánky & C.

Vánky

Mycotaxon 81: 409, 2002

*Pogonarthria squarrosa* (Roem. & Schult.)

Pilger

Zambia: Southern Prov., 135 km NE urbe

Livingstone, 12.4.2001

C., T. and K. Vánky

IRAN 12196 F

Isotype

-*Macalpinomyces sharmae* Vánky

Mycotaxon 54: 223, 1995

*Panicum sumatrense* Roth ex Roem. & Schult.

India, Madhya Pradesh State, c.35 km E urbe

Jabalpur, 11.10.1992

N.D. Sharma, S.R. Singh, M.B. Nagar, S.

Nema, C. and K. Vánky

IRAN 14534 F

Isotype

-*Macalpinomyces simplex* Vánky

- Mycotaxon 74: 202, 2000  
*Loudetia simplex* (Nees) C. E. Hubb.  
 Zimbabwe: Manicaland Prov., 31 km SSE  
 Nyanga, 21.2.1999  
 C. and K. Vánky  
 IRAN 12032 F  
 Isotype
- Macalpinomyces tilletioides* Vánky  
 Mycol. Balcanica 2(2): 91, 2005  
*Pennisetum sphacelatum* T.Durand & Schinz  
 Ethiopia Arsi Reg., 11 km S urbe Asela,  
 4.11.2004  
 T. and K. Vánky  
 IRAN 14532 F  
 Isotype
- Macalpinomyces trichopterygis* Vánky & C.  
 Vánky  
 Mycotaxon 65: 163, 1997  
*Trichopteryx dregeana* Nees  
 South Africa: Mpumalanga Prov., Drakensberg  
 Mts., 21.1.1997  
 C. and K. Vánky  
 IRAN 12273 F  
 Isotype
- Macalpinomyces tristachyae* Vánky & C.  
 Vánky  
 Mycotaxon 65: 165, 1997  
*Tristachya leucothrix* Nees  
 South Africa: KwaZulu-Natal Prov., the Swamp  
 Nature Reserve, 8.1.1997  
 C. and K. Vánky  
 IRAN 12274 F  
 Isotype
- Macalpinomyces tuberculatus* Vánky  
 Fungal Diversity 17: 173, 2004  
*Bouteloua curtipendula* (Michx.) Torr.  
 Mexico: Michoacan State, 23 km SW urbe  
 Zitacuaro, 23.11.2003  
 T. and K. Vánky  
 IRAN 12077 F  
 Isotype
- Macalpinomyces ugandensis* Vánky  
 Mycotaxon 85: 50, 2003  
*Sorghastrum stipoides* (Kunth) Nash  
 Uganda: Rakai Distr., 40 km SW Masaka,  
 27.2.2002  
 T., C. and K. Vánky  
 IRAN 11969 F  
 Isotype
- Melanotaenium indicum* Vánky, M.S. Patil &  
 N.D. Sharma  
 Mycotaxon 65: 149, 1997  
*Ischaemum indicum* (Houtt.) Merrill  
 India: Madhya Pradesh, Jabalpur, 27.10.1996
- N. D. Sharma  
 IRAN 12276 F  
 Isoparatype
- Microbotryum afromontanum* Vánky  
 Mycotaxon 95: 50, 2006  
*Cerastium afromontanum* T.C.E.Fr.  
 Ethiopia, Gondar Reg., 62 km NE pag. Debart,  
 Simien Mts., 25.10.2004  
 T. and K. Vánky  
 IRAN 14526 F  
 Isotype
- Microbotryum silybum* Vánky & Berner  
 Mycotaxon 85: 308, 2003  
*Silybum marianum* (L.) Gaertn.  
 Graecia, Thessalia Div, Larisa Prov., Prope  
 Larisa, 27.5.2002  
 D. Berner and J. Kashefi  
 IRAN 11973 F  
 Isotype
- Microbotryum silybum* Vánky & Berner  
 Mycotaxon 85: 308, 2003  
*Silybum marianum* (L.) Gaertn.  
 Graecia, Thessalia Div, Larisa Prov., Prope  
 Larisa, 15.6.2003  
 D. Berner, J. Kashefi and K. Vánky  
 IRAN 11983 F  
 Topotype
- Microdiplodia mycophaga* Petr.  
 Ann. Mycol. 38: 378, 1940  
 On perithecia of *Physalospora montana* Sacc.  
 on *Sesleria varia* (Jacq.) Wettst.  
 Austria: Niederdonau, Hainburg:  
 Hundshcimerkogel, 15.5.1939  
 F. Petrak  
 IRAN 2527 F  
 Isotype
- Micropeltella ramosii* Syd. & P. Syd.  
 Ann. Mycol. 12: 562, 1914  
*Cyclostemon microphyllus* Merr.  
 Philippinen: Luzon, Prov, Bulacana, Angat,  
 23.9.1913  
 M. Ramos  
 IRAN 2538 F  
 Isotype
- Moreaua capillaceae* Vánky  
 Mycotaxon 110: 297, 2009  
*Tetaria capillacea* C.B.Clarke  
 South Africa, Western Cape, Cape Peninsula,  
 Good Hope Nature Reserve, 14.12.1996  
 C. and K. Vánky  
 IRAN 14503 F  
 Isotype
- Moreaua eximiae* Vánky



- Mycotaxon 110: 299, 2009  
*Tetraria eximia* C.B. Clarke  
 South Africa, Western Cape, Cape Peninsula,  
 Mt. Swartkopberge, 13.12.1996  
 C. and K. Vánky  
 IRAN 14504 F  
 Isotype
- Moreaua fimbristylidis* Vánky & R.G. Shivas  
 Fungal Diversity 7: 152, 2001  
*Fimbristylis dichotoma* (L.) Vahl  
 Australia: Northern Territory, 34 km ESE urbe  
 Alice Springs, 25.3.2000  
 C. and K. Vánky  
 IRAN 12053 F  
 Isotype
- Moreaua scirpi* Vánky, C. Vánky, R.G. Shivas  
 & McTaggart  
 Mycol. Balcanica 6(3): 99, 2009  
*Scirpus rigidus* Boeckeler  
 Bolivia, Dept. La Paz, 9 km SE urbe  
 Copacabana, 26.4.2009  
 R.G., M.D.E. Shivas, A. McTaggart, W. Arce,  
 C. and K. Vánky  
 IRAN 14501 F  
 Isotype
- Moreaua tothii* Vánky  
 Mycotaxon 110: 299, 2009  
*Tetraria compar* (L.) T. Lestib.  
 South Africa, Western Cape, Cape Peninsula,  
 Silvermine Nature Reserve, Calc Bay Mt.,  
 12.12.1996  
 C. and K. Vánky  
 IRAN 14502 F  
 Isotype
- Mundkurella japonica* Denchev & Kakish.  
 Mycotaxon 102: 11, 2007  
*Kalopanax pictus* Nakai  
 Japan, Ibaraki Pref., Kukizaki-machi, Forestry  
 and Forest Products Research Institute,  
 2.11.1993  
 M. Kakishima  
 IRAN 14475 F  
 Isotype
- Mundkurella schefflerae* Vánky, C. Vánky &  
 McKenzie  
 N.Z. J. Bot. 37(2): 330, 1999  
*Schefflera digitata* J. R. & G. Forster  
 Nova Zeland: Stewart Island, Oban, 10.2.1998  
 E. H. C. McKenzie, C. and K. Vánky  
 IRAN 12278 F  
 Isotype
- Mycosphaerella anthemidina* Petr.  
 Ann. Mycol. 42: 52, 1944  
*Anthemis arvensis* L.
- Germany: Hessen-Nassau, Dillrei, donsbach,  
 4.8.1927  
 A. Ludwig  
 IRAN 2612 F  
 Isotype
- Mycosphaerella discophora* Syd.  
 Ann. Mycol. 28: 81, 1930  
*Echites trifidus* Jacq. (as "*trifida*")  
 Venezuela: Cotiza bei Caracas, 12.1927  
 H. Sydow  
 IRAN 2617 F  
 Isotype
- Oberwinkleria anulata* Vánky & C. Vánky  
 Mycotaxon 53: 363, 1995  
*Ortachne erectifolia* (Swallen) W. D. Clayton  
 Venezuela: Estado Merida, c. 50 km E urbe  
 Merida, 1.12.1993  
 R. Berndt, C. and K. Vánky  
 IRAN 12131 F  
 Isotype
- Orphanomyces hungaricus* Vánky & M.  
 Gönczöl  
 Bot. Not. 131(2): 247, 1978  
*Carex acuta* L.  
 Hungaria: Comit. Bacs-Kisjun, reservatio  
 naturalis Toserdo ad ripam Partis inertis  
 fluminis Tisza; 30.6.1977  
 J. Gönczöl  
 IRAN 7482 F  
 Isotype
- Orphanomyces vánkyi* Savile  
 Canad. J. Bot. 52(2): 342, 1974  
*Carex acutiformis* Ehrh.  
 Romania: Transsilvania, lacus "Rak-tava",  
 19.8.1957et 13.8.1959  
 K. Vánky  
 IRAN 2721 F  
 Isotype
- Peziza obliqua* Zoll.  
 Syll. fung. (Abellini) 8: 156 (1889)  
 On dead wood (Auf totem Holze)  
 Java: Im Walde bei Blibis, 3.1857  
 Zollinger  
 IRAN 4751 F  
 Isotype
- Pezizella fuscescens* Rehm  
 Verh. Zool.- bot. Ges. Wien, 57: 329, 1907  
*Carex pendula* Huds.  
 Niederdonau: Sonntagberg, 6.1906  
 P. Strasser  
 IRAN 3032 F  
 Isotype

- Phragmotaeonium indicum* (Vánky, M.S. Patil & N.D. Sharma) R. Bauer, Begerow, A. Nagler & Oberw.  
Mycol. Res. 105(4): 423, 2001  
*Ischaemum indicum* (Houtt.) Merr.  
India, Maharashtra State, Kolhapur, Shivaji University Campus, 13.9.1996  
M.S. Patil  
IRAN 14484 F  
Topotype
- Phyllachora clemensiae* Petr.  
Ann. Mycol. 29: 208, 1931  
*Dalbergia* sp.  
Philippinen, Luzon: Bataan Prov., Orani, 5.1923  
M. S. Clemens  
IRAN 3339 F  
Isotype
- Phyllachora tirolensis* Petr.  
Sydowia 1: 320 (1947)  
*Carex firma* Host  
Tirol: Inn sbruck, Hafelekar, 7.1940  
F. Petrak  
IRAN 3356 F  
Isotype
- Phyllosticta senecionicola* Petr.  
Ann. Mycol. 39: 257, 1941  
*Senecio nemorensis* L.  
Moracia, Cezechoslovak, Maehren: Ucti bei Maehr.-weiss Kirchen; 8.1940  
F. Petrak  
IRAN 3403 F  
Isotype
- Pseudodoassansia hydrocleydis* Vánky  
Mycotaxon 78: 274, 2001  
*Hydrocleis nymphoides* (Willd.) Buchenau  
Argentina: Prov. Corrientes, 52 km SW oppid. Paso de Los, 27.11.1999  
C. and K. Vánky  
IRAN 12047 F  
Isotype
- Puccinia confinis* Syd. & P. Syd.  
Ann. Mycol. 18: 154, 1920  
*Scirpus caespitosus* (R.Br.) Poir.  
Polonia: Kurlan, Moor bei Liebau, 10.11.1917  
A. Ludwig  
IRAN 4214 F  
Isotype
- Puccinia nephroidea* Syd.  
Ann. Mycol. 28: 43, 1930  
*Lonchocarpus fendleri* Benth.  
Venezuela: La Victoria, Aragua, 1.1928  
H. Sydow  
IRAN 6092 F  
Isotype
- Puccinia pseudostriformis* M. Abbasi, Hedjar. & M. Scholler  
Rostaniha 5(1): 76, 2004  
*Poa pratensis* L.  
USA, California, Campus University of California, Davis, Yolo County, 14.12.1964  
H. Tollenaar  
IRAN 14657 F  
Isotype
- Pucciniopsis anacardii* Syd.  
Ann. Mycol. 28: 220, 1930  
*Anacardium excelsum* (Kunth) Skeels  
Venezuela: puerto la cruz; 12.1927  
H. Sydow  
IRAN 4606 F  
Isotype
- Pyrenopeziza capsulicola* Petr.  
Sydowia 1: 32 (1947)  
*Silene acaulis* L.  
Austria: Titol: Am Hafelekar bei Innbruck, 7.1940  
F. Petrak  
IRAN 4610 F  
Isotype
- Ramularia epistroma* Moesz & Smarods  
Bot. Közlem. 35: 27, 1938  
*Viburnum opulus* L.  
Lettland: Prov. Vidzeme Distr. Valka: Jaunroze, 7.1939  
Smarods  
IRAN 4683 F  
Isotype
- Restiosporium baloskionis* Vánky & R.G. Shivas  
Fungal Diversity 13: 141, 2003  
*Baloskion tetraphyllum* (Labill.) B.G. Briggs & L.A.S. Johnson  
Australia: Victoria, 20 km NW Halls Gap, Lake Wartok, 9.10.2001  
R.G. Shivas and K. Vánky  
IRAN 12206 F  
Isotype
- Restiosporium dapsilanthi* Vánky  
Mycotaxon 85: 50, 2003  
*Dapsilanthus elatior* (R. Brown) B.G. Briggs & L.A.S. Johnson  
Australia: Queensland, Cape York Peninsula, Bamaga, 8.3.2000  
R.G. Shivas & C. & K. Vánky  
IRAN 12213 F  
Isotype
- Restiosporium eurychordae* Vánky  
Mycol. Balcanica 3(1): 32, 2006

- Eurychorda complanata* (R.Br.) B.G.Briggs & L.A.S.Johnson  
Australia, Queensland, c. 220 km N urbe  
Brisbane, Carland Creek, 11.4.1998  
C. and K. Vánky  
IRAN 14493 F  
Isotype
- Restiosporium flexuosum* Vánky  
Mycol. Balcanica 3(1): 34, 2006  
*Desmocladius flexuosus* (R.Br.) B.G.Briggs & L.A.S.Johnson  
Australia, Western Australia, Albany Distr.,  
Cape Rich, 10.2.1996  
C. and K. Vánky  
IRAN 14492 F  
Isotype
- Restiosporium meneyae* Vánky  
Mycotaxon 74: 347, 2000  
*Lyginia barbata* (Labill) R. Br.  
Australia: Western Australia, 200 km N Perth,  
Brand Hwy, 30.1.1996  
K. Websdane, C. and K. Vánky  
IRAN 12043 F  
Isotype
- Restiosporium pallentis* Vánky & R.G. Shivas  
Mycol. Balcanica 3(1): 38, 2006  
*Baloskion pallens* (R.Br.) B.G.Briggs & L.A.S.Johnson  
Australia, Queensland, 70 km NNE urbe  
Brisbane, Bribie Island, 3.1998  
R.G., Shivas, C. and K. Vánky  
IRAN 14490 F  
Isotype
- Restiosporium proliferum* Vánky  
Mycol. Balcanica 3(1): 40 (2006)  
*Anarthria prolifera* R.Br.  
Australia, Western Australia, Manjimup Distr.,  
140 km W urbe Albany, 13.2.1996  
C. and K. Vánky  
IRAN 14505 F  
Isotype
- Schizonella intercedens* Vánky & A. Nagler  
Mycotaxon 69: 105, 1998  
*Carex michelii* Host  
Hungaria: Comit. Borsod-Abauj-Zemplen, pr.  
Pag. Szinpetri, 21.5.1987  
J. Goenczoel, E. U. and K. Vánky  
IRAN 12279 F  
Isotype
- Selenophoma alpina* Petr.  
Ann. Mycol. 25: 278, 1927  
*Gentiana punctata* L.  
Slowakei: Kl. Kohlbachtal in der Tatra, 7.1925  
J. Hruby
- IRAN 4894 F  
Isotype  
-*Sorosporium melandrii* Syd. [as 'melandryi']  
Ann. Mycol. 32: 286, 1934  
*Melandrium album* (Mill.) Garcke  
Germania: Rheinproviz, Koeln-Zollstock:  
Gottesweg, 6.1937  
H. Hupke  
IRAN 5098 F  
Topotype
- Sphacelotheca almorae* A. Krishna & R.A. Singh [as 'almoras']  
Indian J. Mycol. Pl. Pathol. 10(2): 177, 1980  
*Echinochloa frumentacea* Link  
India: Uttar Pradesh, 27 km NW Almora,  
8.9.1992  
T. and K. Vánky  
IRAN 8544 F  
Topotype
- Sporisorium absconditum* Vánky  
Mycotaxon 85: 36, 2003  
*Schizachyrium fragile* (R. Br.) A. Camus  
Australia: Queensland, 56 km SW Mount  
Garnet, Forty Mile Scrub Ntl., 6.4.1998  
C. and K. Vánky  
IRAN 12009 F  
Isotype
- Sporisorium amauroae* Vánky & C. Vánky  
Mycotaxon 62: 136, 1997  
*Polytrias amauroa* (Buse) O. Kuntze  
Indonesia: Insula bali, c. 25 km S.S.W. urbe  
Denpasar, Bukit Badung, 2.4.1992  
K. and C. Vánky  
IRAN 12227 F  
Isotype
- Sporisorium australasiaticum* Vánky & R.G. Shivas  
Mycotaxon 80: 340, 2001  
*Sorghum nitidum* (Vahl) Pers.  
Papua New Guinea: Central District, 57 km E  
Port Moresby, 21.3.1998  
R. G. Shivas, C. and K. Vánky  
IRAN 12188 F  
Isotype
- Sporisorium chrysopogonis* Vánky  
Mycotaxon, 18: 327, 1983.  
*Chrysopogon fulus* (Spreng.) Choiv.  
Serilanka: North Central prov. 35km NW oppid.  
Polonnaruwa Pag. Habarana, 18.3.1974  
K. Vánky  
IRAN 7605 F  
Isotype
- Sporisorium cymbicum* Vánky  
Mycotaxon, 85: 23, 2003

- Cymbopogon nardus* (L.) Rendle  
Zimbabwe: Maincaland Prov., Nyanga Ntl.  
Park, Mtarazi Waterfalls, 22.2.1999  
C. and K. Vánky  
IRAN 12214 F  
Isotype
- Sporisorium cymbicum* Vánky  
Mycotaxon 85: 23, 2003  
*Cymbopogon plurinodis* Stapf ex Burt-Davy  
South Africa, Western Cape, 55 km E Knysna,  
Tsitsikamma Ntl. Park., 19.12.1996  
C. and K. Vánky  
IRAN 12002 F  
Paratype
- Sporisorium cymbicum* Vánky  
Mycotaxon 85: 23, 2003  
*Cymbopogon validus* Stapf ex Burt-Davy  
South Africa, Northern Prov., pr. Duiwelskloof,  
Ebeneser Dam., 23.1.1997  
C. and K. Vánky  
IRAN 11997 F  
Paratype
- Sporisorium dacryoideum* Vánky  
Fungal Diversity 17: 173, 2004  
*Aristida adscensionis* L.  
Mexico: Durango State, 236 km N urbe  
Durango, via no 45, 17.11.2003  
T. and K. Vánky  
IRAN 12083 F  
Isotype
- Sporisorium dimeriae-ornithopodae* Vánky &  
C. Menge  
Mycotaxon 48: 37, 1993  
*Dimeria ornithopoda* Trin.  
India: Maharashtra state 2km N. oppid.  
Mahabaleshwar, 26.10.1992  
C. Menge and K. Vánky  
IRAN 8455 F  
Isotype
- Sporisorium distachyum* Vánky  
Mycotaxon 95: 12, 2006  
*Andropogon abyssinicus* R. Br. ex Fres.  
Ethiopia, Arsi Reg., 162 km SE urbe Addis  
Abeba, 2 km N. of pag. Asela, 3.11.2004  
T. and K. Vánky  
IRAN 14456 F  
Isoparatype
- Sporisorium distachyum* Vánky  
Mycotaxon 95: 12, 2006  
*Andropogon distachyos* L.  
Ethiopia, Arsi Reg., 241 km SE urbe Addis  
Abeba, 77 km S. pag. Asela, 4.11.2004  
T. and K. Vánky  
IRAN 14455 F
- Isotype  
-*Sporisorium eriochrysis* Vánky  
Mycotaxon 85: 56, 2003  
*Eriochrysis brachypogon* (Stapf) Stapf  
Uganda: Masaka, Lake Nabugabo, 26.2.2002  
C., T. and K. Vánky  
IRAN 12008 F  
Isotype
- Sporisorium fastigiatum* Vánky  
Mycotaxon 74: 206, 2000  
*Andropogon fastigiatus* Swartz  
Zimbabwe: Matabeleland North Prov. 25 km SE  
Binga, 15.3.1999  
C. and K. Vánky  
IRAN 12034 F  
Isotype
- Sporisorium gayanum* Vánky & C. Vánky  
Mycotaxon 74: 205, 2000  
*Andropogon gayanus* Kunth  
Zimbabwe: Matabeleland North Prov., 12 km N  
Lusulu, 16.3.1999  
C. and K. Vánky  
IRAN 12033 F  
Isotype
- Sporisorium hwangense* Vánky & C. Vánky  
Mycotaxon 74: 194, 2000  
*Sporobolus panicoides* A. Rich.  
Zimbabwe: Matabeleland North Prov., Hwange,  
National Park, Sedina Water Hole, 6.3.1999  
C. and K. Vánky  
IRAN 12027 F  
Isotype
- Sporisorium ingoldii* Vánky  
Mycotaxon 95: 50, 2006  
*Echinochloa colona* (L.) Link  
Ethiopia, Gondar Reg., above Blue Nile Falls,  
22.10.2004  
T. and K. Vánky  
IRAN 14459 F  
Isoparatype
- Sporisorium inopinatum* Vánky  
Mycotaxon 81: 384, 2002  
*Aristida scabrivalvis* Hack.  
Zimbabwe: Matabeleland South Prov., 30 km  
SE Bulawayo, 2.3.1999  
C. & K. Vánky  
IRAN 12174 F  
Isotype
- Sporisorium iseilematis-vaginiflori* Vánky  
Mycotaxon 73: 151, 1999  
*Iseilema vaginiflorum* Domin  
Australia: Queensland, 18 km E. Cunnamulla,  
11.3.1998  
C. and K. Vánky

- IRAN 12286 F  
Isotype
- Sporisorium loudetiae-pedicellatae* Vánky & C. Vánky  
Mycotaxon 65: 165, 1997  
*Loudetia pedicellata* (Stent) Chippind.  
South Africa: Northern Prov., Naboomspruit, Nylsvley Nature Reserve, 24.1.1997  
C. and K. Vánky  
IRAN 12288 F  
Isotype
- Sporisorium nervosum* Vánky, C. Vánky & R.G. Shivas  
Fungal Diversity 7: 157, 2001  
*Sehima nervosum* (Rotter) Stapf  
Australia: Queensland, 14 km S oppid. Lakeland, 5.3.2000  
C. & K. Vánky  
IRAN 12056 F  
Isotype
- Sporisorium panici-fasciculati* Vánky  
Mycotaxon 91: 229, 2005  
*Panicum fasciculatum* Swartz  
Ecuador: Prov. Manabi, San placido, 11.3.1993  
C. and K. Vánky  
IRAN 12100 F  
Isotype
- Sporisorium panici-hirticaulis* Vánky  
Mycotaxon 91: 231, 2005  
*Panicum hirticaule* J. Presl  
Venezuela: Estado Guárico, Altagracia de Orituco, 9.12.1993  
R. Berndt, C. and K. Vánky  
IRAN 12101 F  
Isotype
- Sporisorium panicicola* Vánky  
Mycotaxon 91: 229, 2005  
*Panicum coloratum* L.  
Reunion: 14 km SW urbe St.-Benoit, Lacus Le Grand Etang, 2.12.1994  
C. and K. Vánky  
IRAN 12106 F  
Isotype
- Sporisorium penniseticola* Vánky  
Mycol. Balcanica 2(2): 92, 2005  
*Pennisetum sphacelatum* T.Durand & Schinz  
Ethiopia, Shewa Reg., 129 km N urbe Addis Abeba, 20.10.2004  
T. and K. Vánky  
IRAN 14469 F  
Isotype
- Sporisorium pole-evansii* Vánky  
Mycotaxon 70: 23, 1999
- Digitaria erantha* Steud.  
South Africa: Gauteng Prov., 15 km S Pretoria, 15.1.1997  
C. Roux, C. and K. Vánky  
IRAN 12290 F  
Isotype
- Sporisorium pseudechinolaenae* Vánky & C. Menge  
Mycotaxon 48: 33, 1993  
*Pseudechinolaena polystachya* (Kunth) Stapf  
Indonesia: Bali, c. 44 km N.W. Denpasar inter pagg. Antosari et pupuan, pr. Bilimbing, 9.4.1992  
C. Menge and K. Vánky  
IRAN 8463 F  
Isotype
- Sporisorium pseudosorghii* Vánky, R.G. Shivas & Athip.  
Mycol. Balcanica 3(2-3): 109, 2006  
*Pseudosorghum fasciculare* A.Camus  
Thailand, Chaiphaphum, Khon San Distr., 3 km NNW of Chulabhorn Dam, 21.12.2005  
R.G., M.D.E., A.J., G.E. Shivas, P. Athipuniakom, S. Likhitekaraj, W. Butranu, C. and K. Vánky  
IRAN 14460 F  
Isotype
- Sporisorium schizachyrii* Vánky  
Mycotaxon 81: 418, 2002  
*Schizachyrium exile* (Hochst.) Pilger  
Zambia: Southern Prov. Chirundu, Fossil Forest, 28.4.2001  
C. and K. Vánky  
IRAN 12193 F  
Isotype
- Sporisorium sehemicola* Vánky  
Mycotaxon 74: 186, 2000  
*Sehima ischaemoides* Forssk.  
Zimbabwe: Matabeleland North Prov., hwange, National Park, Tshowe Loop, 11.3.1999  
C. and K. Vánky  
IRAN 12031 F  
Isotype
- Sporisorium sphacelatum* Vánky  
Mycotaxon 85: 13, 2003  
*Pennisetum sphacelatum* (Nees) Dur. & Schinz  
Rep. of South Africa: Eastern Cape Prov., Mts. Drakensberg, 22.12.1996  
C. and K. Vánky  
IRAN 12209 F  
Isotype
- Sporisorium themedae-arguentis* Vánky  
Mycotaxon 51: 154, 1994  
*Themeda arguens* (L.) Hack

- Indonesia: Bali, c. 20km S. Denpasar, Mt. Alas  
Kemayuna, 1.4.1992  
C. Menge and K. Vánky  
IRAN 8466 F  
Isotype
- Sporisorium themedae-cymbariae* Vánky  
Mycotaxon 62: 141, 1997  
*Themeda cymbaria* (Roxb.) Hack.  
India: Karnataka, Bandipur National Park,  
5.11.1995  
N. D. Sharma, C. and K. Vánky  
IRAN 12237 F  
Isotype
- Sporisorium trachypogonis-plumosi* Vánky  
Mycotaxon 56: 208, 1995  
*Trachypogon plumosus* (H. & B. ex Willd.)  
Nees  
Venezuela: Distrito Federal, 8 km NE oppid.  
Colonia Tovar, 16.12.1993  
C. and K. Vánky  
IRAN 12143 F  
Isotype
- Sporisorium tripogonis* Gandhe, N.D. Sharma  
& Vánky  
Mycotaxon 48: 34, 1993  
*Tripogon jacquemontii* Stapf  
India: Madhya Pradesh, 25km E. N. Jabalpur,  
10.10.1992  
N. D. Sharma, R. S. Singh, R. P. Mishra, M. B.  
Nager, C. Menge and K. Vánky  
IRAN 8468 F  
Isotype
- Sporisorium tristachyae-nodiglumis* Vánky  
Mycotaxon 85: 46, 2003  
*Tristachya nodiglumis* K. Schum.  
Zambia: Lusaka Prov., 169 km urbe Lusaka,  
17.4.2001  
C., T. and K. Vánky  
IRAN 12208 F  
Isotype
- Sporisorium ustilaginiforme* K. Vánky  
Fungal Diversity 17: 177, 2004  
*Muhlenbergia pulcherrima* Scribner  
Mexico: Morelos State, 27 km N urbe  
Cuernavaca, 11.11.2003  
T. and K. Vánky  
IRAN 12085 F  
Isotype
- Thecaphora spilanthis* F.O. Freire & Vánky [as  
'*spilanthes*']  
Mycotaxon 59: 97, 1996  
*Spilanthes oleracea* L.  
Brasília: State Pará, urbs Belém, 7.6.1991  
J. E. U. de Caarvalho
- IRAN 12240 F  
Isotype
- Tilletia brachypodii-mexicani* Vánky  
Mycotaxon 56: 202, 1995  
*Brachypodium mexicanum* (Roemer & Schultes)  
Link  
Venezuela: Estado Mérida, c. 51 km E. urbe  
Mérida, Mts. Cordillera de Mérida, Sierra  
Nevada, pr. Laguna Negra, 2.12.1993  
R. Berndt, C. and K. Vánky  
IRAN 12144 F  
Isotype
- Tilletia brefeldii* Vánky  
Fungal Diversity 17: 179, 2004  
*Muhlenbergia filiculmis* Vasey  
Mexico: Federal District, 38 km S urbe Mexico  
City, ad km 28 versus San Miguel Ajusco,  
7.12.2003  
C. and K. Vánky  
IRAN 12087 F  
Isotype
- Tilletia chionachnes* Vánky, C. Vánky & R.G.  
Shivas  
Fungal Diversity 7: 166, 2001  
*Chionachne cyathopoda* (F. Muell.) F. Muell.  
ex Benth.  
Australia: Queensland, Cape York Peninsula, 3  
km E urbe Bamaga, 7.3.2000  
R. G. Shivas, P. Whittle, C. and K. Vánky  
IRAN 12051 F  
Isotype
- Tilletia eragrostiellae* Vánky, C. Vánky &  
N.D. Sharma  
Mycotaxon 56: 202, 1995  
*Eragrostiella bifaria* (Vahl) Bor  
India: Madhya Pradesh, Pr. Jabalpur, Tropical  
Forest Research Institute, 13.10.1992  
N. D. Sharma, S. R. Singh, R. P. Mishra, M. B.  
Nagar, C. and K. Vánky  
IRAN 12145 F  
Isotype
- Tilletia microtuberculata* Vánky  
Fungal Diversity 17: 178, 2004  
*Muhlenbergia pulcherrima* Scribner  
Mexico: Morelos State, 27 km N urbe  
Cuernavaca, via no. 95 libre, 11.11.2003  
T. and K. Vánky  
IRAN 12088 F  
Isotype
- Tilletia polypogonis* Vánky & N.D. Sharma  
Mycotaxon 51: 168, 1994  
*Polypogon monspeliensis* (L.) Desf.  
India: Madhya Pradesh, Jabalpur, Agricult.  
Engineering Farm, 19.4.1993

- N. D. Sharma  
IRAN 12147 F  
Isotype
- Tilletia savilei* Gandhe & Vánky  
Mycotaxon 48: 34, 1993  
*Tripogon jacquemontii* Stapf  
India: Maharashtra State, Pune, University  
Camous; 20. 10. 1992  
K. and R. V. Gandhe, C. Menge and K. Vánky  
IRAN 8477 F  
Isotype
- Tilletia setariicola* Pavgi & Thirum.  
Mycologia 44(3): 321, 1952  
*Setaria tomentosa* Kunth  
India, Uttar Pradesh State, Varanasi (Benares),  
U. P. College, 5.10.1992  
C. and K. Vánky  
IRAN 14508 F  
Topotype
- Tilletia whiteochloae* R.G. Shivas & Vánky  
Fungal Diversity 7: 164, 2001  
*Whiteochloa cymbiformis* (Hughes) B. K. Simon  
Australia: Western Australia, Kimberley  
Region, 35 km NNW Kununurra, 29.3.2000  
C. and K. Vánky  
IRAN 12055 F  
Isotype
- Tolyposporium evandrae* Websdane & Vánky  
Mycotaxon 58: 175, 1996  
*Evandra aristata* R. Br.  
Australia: Western Australia, Albany Distr.,  
Betty Beach, 10.2.1996  
C. and K. Vánky  
IRAN 12244 F  
Topotype
- Tolyposporium gahniae* Vánky & C. Vánky  
Mycotaxon 62: 154, 1997  
*Gahnia radula* (R. Br.) Benth.  
Australia: Tasmania, C. 3 km S. oppid.  
N Gladstone, inter Bridport et St. Helens,  
15.3.1996  
C. and K. Vánky  
IRAN 12245 F  
Isotype
- Tolyposporium gymnoschoeni* Vánky & C.  
Vánky  
Mycotaxon 62: 163, 1997  
*Gymnoschoenus anceps* (R.Br.) C.B. Clarke  
Australia, Tasmania, East Coast, 22 km SW  
Dover, pr. Lune River, 19.3.1996  
C. and K. Vánky  
IRAN 12246 F  
Isotype
- Tolyposporium gymnoschoeni* Vánky & C.  
Vánky  
Mycotaxon 62: 163, 1997  
*Gymnoschoenus anceps* (R. Br.) C. B. Clarke  
Australia: Western Australia, Manjimup Distr.,  
140 km W urbe Albany, pr. Inlet River,  
13.2.1996  
C. and K. Vánky  
IRAN 12300 F  
Isoparatype
- Tolyposporium megaglomerulosum* Vánky  
Mycotaxon 65: 147, 1997  
*Lepidosperma gunnii* Boeck.  
Australia, Victoria, c. 110 km SW Melbourne,  
1 km SW Anglesea, 3.3.1996  
C. and K. Vánky  
IRAN 12249 F  
Isotype
- Tolyposporium megaglomerulosum* Vánky  
Mycotaxon 65: 147, 1997  
*Lepidosperma filiforme* Labill.  
Australia: Tasmania Peninsula, pr. Tasman  
Arch, 10.3.1996  
C. and K. Vánky  
IRAN 12302 F  
Isoparatype
- Tolyposporium rhynchosporae-cephalotis*  
Vánky & T. Vánky  
Mycotaxon 48: 29, 1993  
*Rhynchospora cephaloides* (L.) Vahl.  
Costa Rica: Prov. Alajuela, 1. 5km S. E.  
Loschiles, pr. pag. San Jeronimo, 24.3.1991  
T. and K. Vánky  
IRAN 8481 F  
Isotype
- Tolyposporium schoeni* Vánky & McKenzie  
Mycotaxon 56: 227, 1995  
*Schoenus brevifolius* R. Br.  
Nova zelandia: North Island. Northland, Karikari  
Peninsula, Inland Road, old gumdiggers site,  
9.2.1990  
E. H. C. McKenzie, P. R. Johnston and K.  
Vánky  
IRAN 12254 F  
Isotype
- Tolyposporium tetraiae* Vánky  
Mycotaxon 62: 160, 1997  
*Tetaria capillaris* (F. Mueller) J. M. Black  
Australia: Western Australia, c. 75 km S.S.E.  
urbe Perth, 9.2.1996  
C. and K. Vánky  
IRAN 12255 F  
Isotype
- Uredo otostegiae* S. Ahmad

- Biologia, Lahore 2(1): 92 (1956)  
*Otostegia limbata* Benth. ex Hook.f.  
Pakistan: Kagan valley, Balakot  
16.4.1955  
S. Ahmad  
IRAN 10442 F  
Isotype
- Urocystis achnatheri* L. Guo  
Mycotaxon 81: 431, 2002  
*Achnatherum sibiricum* (L.) Keng  
China: Qinghai, Minhe, 10.8.2004  
L. Guo and W. Li  
IRAN 14525 F  
Isotopotype
- Urocystis alstroemeriae* Vánky & C. Vánky  
Mycotaxon 78: 267, 2001  
*Alstroemeria pallida* Graham  
Chile: 122NNE Santiago de Chile Mt. Andes,  
14.12.1999  
C. and K. Vánky  
IRAN 12048 F  
Isotype
- Urocystis bulbocodii* Vánky [  
Svensk Bot. Tidskr. 69(2): 102, 1975  
*Bulbocodium vernum* L.  
Suecia: Upland, in urbe Uppsala, Hortus  
Botanicus, 6.1985  
K. Vánky  
IRAN 7784 F  
Topotype
- Urocystis chifengensis* L. Guo & T.Z. Liu  
Mycotaxon 98: 193, 2006  
*Lepidium apetalum* Willd.  
China, Inner Mongolia, Chifeng city, Hongshan  
suburb, Dasanjia, 25.6.2008  
T.-Z. Liu  
IRAN 14524 F  
Topotype
- Urocystis leersiae* Vánky  
Acta Mycol. Sinica, Supplement 1: 231, 1987  
[1986]  
*Leersia hexandra* Swartz  
SINA (RP): Yunnan Prov., Xishuangbanna reg.  
Pr. pagum Mamushu, 22.9.1985  
L. Guo and K. Vánky  
IRAN 7785 F  
Isotype
- Urocystis poae-palustris* Vánky  
Bot. Not., 129(2): 119, 1976  
*Poa palustris* L.  
Romania: Transsilvania, Pr. Oppid. Toplita,  
2.7.1965  
K. Vánky  
IRAN 5869 F
- Isotype
- Urocystis pseudoanemones* Denchev, Kakish.  
& Y. Harada  
Mycoscience 41: 453, 2000  
*Anemone flaccida* Fr. Schm.  
Iaponia: Aomori Prefecture, Towadako-machi,  
Iacus Towada, Yasumiya, 19.5.1987  
Denchev, Kakishima and I. Harada  
IRAN 197 F  
Topotype
- Urocystis tothii* Vánky  
Bot. Not. 129(4): 416, 1977  
*Juncus compressus* Kunth  
Hungaria: Comit. Heves, Pr. Pag. Nagyivan,  
Zampuszta in Hortobagy; 19.6.1974  
S. Toth  
IRAN 5880 F  
Isotype
- Ustanciosporium montagnei* (Tul. & C. Tul.)  
M. Piepenbr., Begerow & Oberw.  
Nova Hedwigia 70(3-4): 344, 2000  
*Rhynchospora globosa* Roem. & Schult.  
Costa Rica, Puntarenas, c. 1 km E urbe Buenos  
Aires, 1.7.1993  
M. Piepenbring, G. Rivera and K. Vánky  
IRAN 14483F  
Isotype
- Ustanciosporium rhynchosporae* Vánky  
Mycotaxon 70: 31, 1999  
*Rhynchospora rugosa* (Vahl) S. Gale  
South Africa: KwaZulu-Naal Prov.,  
Drakensberg Mts, Loteni Nature Reserve,  
6.1.1997  
C. and K. Vánky  
IRAN 12306 F  
Isotype
- Ustanciosporium virginianum* Vánky  
Mycotaxon 95: 48, 2006  
*Rhynchospora capitellata* (Michx.) Vahl  
USA, Virginia, Giles Co., Appalachian Mts.,  
Stony Creek Valley, 25.8.2004  
C. and K. Vánky  
IRAN 14487 F  
Isotype
- Ustilago austro-africana* Vánky & C. Vánky  
Mycotaxon 73: 138, 1999  
*Enneapogon cenchroides* (Roem. & Schult.) C.  
E. Hubb.  
Zimbabwe: Midlands Prov., 13km SW  
Zvishawane, 2.3.1999  
C. and K. Vánky  
IRAN 12030 F  
Isotype



- Ustilago chloridis* Vánky, C. Vánky & R.G. Shivas  
Fungal Diversity 7: 171, 2001  
*Chloris lobata* Lazarides  
Australia: Queensland, 51 km S oppid. Lakeland, 5.3.2000  
C. and K. Vánky  
IRAN 12052 F  
Isotype
- Ustilago circumdata* Vánky  
Fungal Diversity 17: 184, 2004  
*Muhlenbergia montana* (Nutt.) A. S. Hitchc.  
Mexico: Mexico State, 22 km NE Urbe Coatepec, Via versus, 7.12.2003  
C. and K. Vánky  
IRAN 12093 F  
Isotype
- Ustilago cynodonticola* Vánky, R.G. Shivas & A. Witt  
Mycotaxon 89: 58, 2004  
*Cynodon dactylon* (L.) Pers.  
South Africa: KwaZulu-natal Prov., 30 km NE Newcastle, 23.12.2002  
R. G. Shivas, A. Witt and K. Vánky  
IRAN 11994 F  
Isotype
- Ustilago dactyloctenii* Henn. [as 'dactyloctenii']  
Die Pflanzenwelt Ost-Africas C. 5: 48, 1896  
*Dactyloctenium australe* Steud.  
South Africa: Mpumalanga Prov., Matzamo border post to Swaziland, 19.1.1997  
C. Roux and C. Vánky  
IRAN 12309 F  
Isoneotype
- Ustilago drakensbergiana* Vánky  
Mycotaxon 70: 24, 1999  
*Digitaria tricholaenoides* Stapf  
South Africa: KwaZulu-Natal Prov., Drakensberg Mts, near camping site, 7.1.1997  
C. and K. Vánky  
IRAN 12310 F  
Isotype
- Ustilago dregeanoides* Vánky & C. Vánky  
Mycotaxon 65: 177, 1997  
*Merxmüllera stricta* (Schrad.) Cornert  
South Africa: Western caps Prov., Jonkershoek Mts., Bolland Trail., 6.12.1996  
C. and K. Vánky  
IRAN 12312 F  
Isotype
- Ustilago egenula* Syd., P. Syd. & E.J. Butler  
Ann. Mycol. 10: 251, 1912  
*Eragrostis nutans* (Retz.) Nees ex Steud.  
India: Bihar, near Pusa, Gorian village, 8.12.1910  
E.J. Butler  
IRAN 8504 F  
Isotype
- Ustilago heleochloae* Vánky & M. Gönczöl  
Bot. Not., 131: 247, 1978  
*Heleochloa schoenoides* (L.) Host  
Hungaria: Budapest, Pr. Suburb. Pestlorinc, 10.10.1977  
J. Goenczoel  
IRAN 7511 F  
Isotype
- Ustilago lituana* R.G. Shivas, Vánky & Cunningt.  
Australas. Pl. Pathol. 35(3): 363, 2006  
*Triodia epactia* S.W.L.Jacobs  
Australia, Western Australia, Port Hedland, Cooke Point, 12.8.2005  
M.J. Ryley, T.S. Marney and R.G. Shivas  
IRAN 14543 F  
Isotype
- Ustilago longiseti* Vánky & Oberw.  
Nova Hedwigia, Beihefte 107: 54, 1994  
*Polygonum longiseta* De Bruyn  
SINA R. (Taiwan): Pingtung Preg., Pr. Pag. Szu Chung, 22.10.1985  
K. Vánky  
IRAN 8517 F  
Isotype
- Ustilago mauritiana* Vánky  
Mycotaxon 81: 420, 2002  
*Phragmites mauritianus* Kunth  
Zambia: Lusaka Prov., 186 km E urbe Lusaka, 21.4.2001  
C. and K. Vánky  
IRAN 12194 F  
Isotype
- Ustilago onopordi* Vánky  
Mycotaxon 41: 487, 1991  
*Onopordum bracteatum* Boiss. & Hedr. subsp. *ilex* (Janka) Franko  
Graecia: Div. Thessalia, Prov. Larisa, Pr. Halkiades, 5.7.1989  
D. T. Briese and A. Shepard  
IRAN 8520 F  
Isotype
- Ustilago panici-virgati* Vánky  
Fungal Diversity 17: 186, 2004  
*Panicum virgatum* L.  
Mexico: Mexico State, 18 km N urbe Atlacomulco, 13.11.2003  
T. and K. Vánky  
IRAN 12096 F

Isotype

-*Ustilago shastensis* Zundel  
The Ustilaginales of the world, p. 201, 1953  
*Polygonum shastense* Brewer  
USA: California, Siskiyou Co., Mt. Shasta,  
8.8.1988  
F. Oberwinkler *et al.*  
IRAN 7917 F  
Topotype

-*Ustilago triodiae* Vánky  
Mycotaxon 62: 167, 1997  
*Triodia microstachya* R. Br.  
Australia: Western Australia, Kimberley  
region, Molly Springs, 22.2.1996

A. A. Mitchell, C. and K. Vánky  
IRAN 12263 F  
Isotype

-*Ustilago xerochloae* Vánky & R.G. Shivas  
Mycol. Res. 101(7): 838, 1997  
*Xerochloa imberbis* R. Br.  
Australia: Western Australia, Kimberley reg., 5  
km se Wyndham, 22.2.1996  
C. Brockway, A. A. Mitchell, C. and K. Vánky  
IRAN 12264 F  
Isotype

## Literature

- Abbasi, M. 1995: Type specimens of Herbarium Ministerii Iranici Agriculturae-IRAN. Department of Botany, Publication No. **23**: 94–193.
- Brummitt, R.K. & Powell, C.E. 1992: Authors of plant names. Royal Botanic Gardens Kew.
- Ershad, D. 1995: A history of Herbarium Ministerii Iranici Agriculturae-IRAN. Department of Botany, Publication No. **23**: 11–24.
- Kirk, P.M. & Ansell, A.E. 1992: Authors of Fungal Names [Index to Fungi Supplement]. CAB. International, Wallingford.
- Petrak, F. & Esfandiari, E. 1941: Beiträge zur Kenntnis der iranischen Pilzflora. *Annales Mycolici* **39**: 204–228.

## Addresses of the authors

Mehrdad Abbasi and Faezeh Aliabadi, Iranian Research Institute of Plant Protection, Department of Botany, Tehran 19395-1454, Iran  
(E-Mail: puccinia\_2000@yahoo.com; f\_aliabadi@hotmail.com)

