

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

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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 (Petrak & 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 50th 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 acanthorhysis 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 iraniana* 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
- Coniocessia anandra* Asgari & Zare
Mycol. Progr. 10(2): 205, 2011
Wheat seeds
West Azarbaijan, Miandoab, 13.8.2005
B. Asgari
IRAN 14375 F
Holotype
- Coniocessia minima* Asgari & Zare
Mycol. Progr. 10(2): 202, 2011
Wheat seeds
Ardabil, Parsabad, 19.6.2005
B. Asgari
IRAN 14376 F
Holotype
- Coniocessia 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 velutinosus* 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 '*atraxidis*']
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

-*Erythrimum 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

-*Fibrodonia subceracea* Hallenb.
Iran. J. Pl. Pathol. 14: 54, 1978
Fallen decayed branch
Tonekabon, Jangale Khoshkedaran, 11.7.1976
N. Hallenberg & D. Ershad
IRAN 1374 F
Isotype

-*Fusarium merismoides* var. *violaceum* Gerlach
Phytopathol. Z. 90: 34, 1977
Quadrastipidiotus 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
 'capparidincola']
 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. *kotschy*
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 hedynpnois 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 acanthorhysis 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 lepyrodictidis* Petr.
Sydowia 4(1-6): 30, 1950
Lepyrodictis 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 kotschy 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.-Bourq.
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 lenticola 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. Chilliogallio 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 Nügla, 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. Graubünden, 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 Loebl.

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.

Costarica, Alajuela, 1.1925

H. Sydow

IRAN 251 F

Isotype

-*Asterina dipholidis* Petr. & Cif.

Ann. Mycol. 28: 378, 1930

Dipholis angustifolia Urb.

Haiti: 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: indenbergl, 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 lemanniana 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

-*Heterotylposporium 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 verbesinae* 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 tilletiioides* 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 tristachya* 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
Tetraria 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",
 19.8.1957 et 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: Innsbruck, Hafelekar, 7.1940
F. Petrak
IRAN 3356 F
Isotype

-*Phyllosticta senecionicola* Petr.
Ann. Mycol. 39: 257, 1941
Senecio nemorensis L.
Moravia, Czechoslovak, 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 pseudostriiformis* 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: Tirol: Am Hafelekar bei Innsbruck, 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
Desmocladus 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 amaureae* Vánky & C. Vánky
Mycotaxon 62: 136, 1997
Polytrias amaurea (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
'*spilantes*']
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.
NGladstone, 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 tetrariae* Vánky
Mycotaxon 62: 160, 1997
Tetraria 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,
 lacus 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 (Schr.) 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 longisetia 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. *illex* (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

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Kirk, P.M. & Ansell, A.E. 1992: Authors of Fungal Names [Index to Fungi Supplement]. CAB. International, Wallingford.
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