Supplementary table 1 - Fungi and yeasts isolated from air, surfaces and discoloured paper documents/artworks, in libraries, archives or museums with paper-based collections.

| **Fungal species** | **Air samples** | **Surfaces**  (*e.g.* shelves, reading tables, bindings) | **Discoloured paper** |
| --- | --- | --- | --- |
| ***Absidia* sp.** Tiegh**.** | India [1] | - | - |
| ***Acremoniella* sp.** Sacc | Argentina, [2] | - | - |
| ***Acremonium* sp.** Link | Argentina, Colombia, France, Lithuania, Mexico, Portugal [2–9] | Italy, France, Portugal [4,5,8,10] | Brazil, Czech Republic, Iran, Finland, Poland, Portugal [11–15] |
| ***Acremonium alabamense*** Morgan-Jones | Cuba [16] | - | - |
| ***Acremonium charticola***(Lindau) W. Gams | Poland [17,18] | - | - |
| ***Acremonium furcatum*** Moreau & V. Moreau ex W. Gams | Poland [19] | - | - |
| ***Acremonium fusidioides*** (Nicot) W. Gams | - | Italy [20] | - |
| ***Acremonium murorum*** (Corda) W. Gams | *See current name: Gliomastix murorum* | | |
| ***Acremonium roseum*** Petch | *See current name:* *Hyalocylindrophora rosea* | | |
| ***Acremonium strictum*** W. Gams | Lithuania, Poland [3,17,18,21] | - | - |
| ***Acrostalagmus albus*** Preuss | Lithuania [3] | - | - |
| ***Agaricomycetes* sp.** Doweld | - | - | Czech Republic, Poland [15] |
| ***Agaricus* sp.** L. | - | - | Czech Republic, Poland [15] |
| ***Agrocybe* sp.** Fayod | - | - | Czech Republic, Poland [15] |
| ***Alternaria* sp.** Nees | Argentina, Brazil, Colombia, Cuba, Ethiopia, France, India, Italy, Mexico, Poland, Portugal, Spain [2,4,23–32,5–9,17,19,22] | Italy, France, Portugal [4,5,8,10,28] | Argentina, Czech Republic, Cuba, Greece, Iran, Italy, Poland, Portugal [4,12,13,15,33–35] |
| ***Alternaria alternata*** (Fr.) Keissler | Argentina, Cuba, Egypt, India, Italy, Lithuania, Poland [3,16–20,27,33,36] | Italy, Poland, Portugal [4,5,10,19,20] | Greece, India, Portugal [35,37,38] |
| ***Alternaria arborescens*** E.G. Simmons | - | Portugal [4,5] | - |
| ***Alternaria dianthicola*** Neergaard | - | Portugal [4,5] | - |
| ***Alternaria infectoria*** E.G. Simmons | Italy [20,39] | - | Greece [35] |
| ***Alternaria tenuíssima*** (Nees) Wiltshire | Lithuania, Poland [3,19] | Poland [19] | - |
| ***Amanita* sp.** Pers***.*** | - | - | Czech Republic, Poland [15] |
| ***Ambarignomonia petiolorum*** (Schwein.) Sogonov | Italy [20] | - | - |
| ***Amesia cymbiformis*** (Lodha) X. Wei Wang & Samson | - | - | USA [40] |
| ***Amesia nigricolor***  (L.M. Ames) X. Wei Wang & Samson | Portugal [6] | - | Portugal [41] |
| ***Amyloporia* sp.** Bondartsev & Singer ex Singer | - | - | Czech Republic, Poland [15] |
| ***Anthostomelloides proteae***(S.J. Lee & Crous) Daranag. & K.D. Hyde | - | - | Indonesia [42] |
| ***Antrodia* sp.** P. Karst. | - | - | Czech Republic, Poland [15] |
| ***Antrodia sinuosa*** (Fr.) P. Karst. | Italy [20] | - | - |
| ***Armillaria* sp.** (Fr.) Staude | - | - | Czech Republic, Poland [15] |
| ***Arrhenia* sp.** Fr. | - | - | Czech Republic, Poland [15] |
| ***Arthrinium* sp.** Kunze | Portugal [4,5] | Portugal [4,5] | Portugal [4] |
| ***Arthrinium arundinis*** (Corda) Dyko & B. Sutton | - | - | [43] |
| ***Arthrinium phaeospermum*** (Corda) M.B. Ellis | Lithuania, Spain [3,22] | Italy [10] | - |
| ***Arthrinium urticae*** M.B. Ellis | - | - | Italy (Corte et al., 2003) |
| ***Arthrographis* sp.** G. Cochet ex Sigler & J.W. Carmich. | - | Portugal [4,5] | - |
| ***Ascochyta medicaginicola*** Q. Chen & L. Cai | - | - | Poland (Sterflinger and Engel, 2014) |
| ***Ascocoryne* sp.** J.W. Groves & D.E. Wilson | - | - | Czech Republic, Poland [15] |
| ***Aspergillus* sp.** P. Micheli ex Haller | Argentina, Colombia, Cuba, Ethiopia, India, Italy, Mexico, Spain, Lithuania, Poland, Portugal [2,3,24,26–29,31–33,4,5,7,9,17,20,22,23] | Italy, Poland, Portugal [4,5,10,20,21] | Argentina, Czech Republic, Cuba, Finland, Iran, Italy, Poland  [11,13,15,33,44–46] |
| ***Aspergillus aculeatinus*** Noonim, Frisvad, Varga & Samson | Nigeria [47] | - | - |
| ***Aspergillus aculeatus*** Iizuka | - | - | Indonesia [42] |
| ***Aspergillus alliaceus*** Thom & Church | Cuba [16,30] | Cuba [30] | - |
| ***Aspergillus auricomus*** (Guég.) Saito | Cuba [30] | Cuba [30] | - |
| ***Aspergillus awamori*** Nakazawa | India [1] | - | Indonesia, Poland [48,49] |
| ***Aspergillus calidoustus*** Varga | - | Portugal (Pinheiro, 2014,2015) | - |
| ***Aspergillus candidus*** Link | Cuba, Poland [16,17,30] | Cuba, Portugal [4,5,30] | India, Italy, Nigeria, Portugal  [4,37,50,51] |
| ***Aspergillus carneus*** (v. Tiegh.) Blochwitz | - | Italy [20] | Israel [52] |
| ***Aspergillus chevalieri*** L. Mangin | France, Lithuania [3,8] | - | - |
| ***Aspergillus clavatus*** Desm**.** | Argentina, Cuba , Lithuania, Poland [3,17,19,33] | - | Indonesia [49] |
| ***Aspergillus creber*** Jurjević, S. W. Peterson & B. W. Horn | Italy, Nigeria [20,39,47] | Italy [20,39] | Czech Republic, Poland [15] |
| ***Aspergillus flavipes*** (Bainier & Sartory) Thom & Church | Cuba, Lithuania [3,16] | - | - |
| ***Aspergillus flavus*** Link | Argentina, Colombia, Cuba, Egypt, India, Italy, Lithuania, Nigeria, Poland [1,3,47,53,16,17,20,27,30,33,36,39] | Cuba, Italy, Poland, Portugal [4,5,10,19,20,30] | Argentina, Brazil, Colombia, Cuba, Indonesia, Israel, Nigeria [33,47,49–54] |
| ***Aspergillus flavus var. oryzae*** (Ahlb.) Kurtzman | Cuba, Lithuania [3,30] | Cuba, Portugal [4,5,30] | France, Morocco [55,56] |
| ***Aspergillus foetidus*** Thom et Raper | Lithuania [3] | - | - |
| ***Aspergillus fumigatus*** Fresen. | Colombia, India, Italy, Egypt, Lithuania, Poland, Portugal, Spain [3,4,36,53,5,6,17–20,22,27] | France, Italy, Poland, Portugal  [4,5,8,10,18] | Colombia, India, Indonesia, Israel, Nigeria, Portugal, Slovakia, USA  [12,37,38,49,50,52,53,57,58] |
| ***Aspergillus glaucus*** (L.) Link | Poland [17] | Portugal [4,5] | Portugal [4] |
| ***Aspergillus* *insuetus***(Bainier) Thom & Church | Italy [20,39] | - | Indonesia [42] |
| ***Aspergillus japonicus*** Saito | Cuba [30] | Cuba, Italy [10,30] | Brazil, France [14,56] |
| ***Aspergillus jensenii*** Jurjevic*,* S.W. Peterson & B.W. Horn | - | Italy [20,39] | Indonesia [49] |
| ***Aspergillus melleus*** Yukawa | Poland [17] | - | Italy, Morocco [55,59] |
| ***Aspergillus nidulans***(Eidam) G. Winter | Egypt, Poland [17,36] | Italy, Portugal [4,5,10] | Italy, Portugal  [12,38,60] |
| ***Aspergillus niger*** Tiegh. | Argentina, Colombia, Cuba, Egypt, France, India, Italy, Lithuania, Nigeria, Poland, Portugal, Spain [1,3,21,22,24,27,30,33,36,39,47,53,4,5,8,16–20] | Cuba, Italy, France, Poland, Portugal [4,5,8,10,19,21,30] | Argentina, Brazil, Costa Rica, Cuba, Czech Republic, India, Indonesia, Israel, Italy, Nigeria, Morocco, Poland, Portugal, Spain [12,14,54,55,60–62,15,33,37,43,47,49,50,52] |
| ***Aspergillus ochraceus*** Wilhelm | Colombia, Egypt, France, Poland, Portugal [4–6,8,17,36,53] | France, Italy, Poland, Portugal [4,5,8,10,19] | Czech Republic, Poland, Portugal [12,15,48] |
| ***Aspergillus oryzae*** (Ahlb.) Cohn | *See current name:* *Aspergillus flavus var. oryzae* | | |
| ***Aspergillus ostianus*** Wehmer | Cuba, Poland [17,30] | Cuba [30] | - |
| ***Aspergillus penicillioides*** Speg. | Italy, Poland [17,39] | Italy, Portugal [4,5,39] | Italy, Japan, Portugal [4,63,64] |
| ***Aspergillus proliferans*** G. Sm. | Italy [39] | - | - |
| ***Aspergillus protuberus*** Munt.-Cvetk. | Italy [20,39] | Italy [20,39] | - |
| ***Aspergillus pulvericola***Visagie, Seifert, Frisvad & Samson | - | - | Indonesia [49] |
| ***Aspergillus puniceus*** Kwon-Chung et Fennell | Lithuania [3] | - | Portugal [12] |
| ***Aspergillus repens***(Corda) Sacc. | *See current name: Aspergillus reptans* | | |
| ***Aspergillus reptans*** Samson & W. Gams | Lithuania, Poland [3,17] | - | - |
| ***Aspergillus restrictus*** G. Sm. | Poland [18] | Portugal [4,5] | - |
| ***Aspergillus sclerotiorum***G.A. Huber | Italy [20,39] | - | Italy (Zotti et al., 2011) |
| ***Aspergillus sydowii*** (Bainier & Sartory) Thom & Church | Italy, Lithuania [3,20,39] | Italy, France, Poland, Portugal [4,5,8,10,18,20] | Portugal [12] |
| ***Aspergillus tamarii*** Kita | Colombia, India [1,53] | - | Israel, Nigeria [47,52] |
| ***Aspergillus terreus*** Thom | Argentina, Cuba, Lithuania, Portugal [3–5,33] | Portugal [4,5] | Israel, Italy, Poland, Portugal [4,48,52,64–66] |
| ***Aspergillus tubingensis*** Mosseray | - | Italy [20] | - |
| ***Aspergillus ustus*** (Bainier) Thom & Church | Lithuania, Poland [3,18] | Poland [18] | France, India, Portugal [12,37,56] |
| ***Aspergillus versicolor***(Vuill.) Tiraboschi | Argentina, Colombia, Cuba, France, Italy, Lithuania, Poland, Portugal [3,4,53,5,6,8,17,18,20,21,33] | Italy, France, Portugal [4,5,8,10,20,39] | Brazil, Costa Rica, Czech Republic, Finland, Indonesia, Italy, Japan, Nigeria, Poland, Portugal [4,11,54,60,64,67,12,14,15,38,43,47–49] |
| ***Aspergillus vitricola*** Ohtsuki | Italy [20] | Italy [20] | - |
| ***Aspergillus wentii*** Wehmer | Lithuania [3] | - | - |
| ***Aureobasidium* sp.** Viala & G. Boyer | Brazil, Italy, Mexico, Portugal [4,5,7,23,25] | Portugal [4,5] | Czech Republic, Finland, Poland [11,15] |
| ***Aureobasidium pullulans***(de Bary) G. Arnaud | France, Italy, Lithuania, Poland [3,8,18,20] | France [8] | Italy, Portugal  [4,45,51,64] |
| ***Auricularia* sp.** Bull. ex Juss. | - | - | Czech Republic, Poland [15] |
| ***Basipetospora* sp.** G.T. Cole & W.B. Kendr. | Argentina [2] | - | - |
| ***Beauveria* sp.** Vuill. | Poland, Portugal [4,5,19] | Portugal [4,5] | Czech Republic, Poland [15] |
| ***Bipolaris* sp.**  Shoemaker | - | - | Czech Republic, Poland [15] |
| [***Bipolaris australiensis*** (M.B. Ellis) Tsuda & Ueyama](http://www.mycobank.org/BioloMICS.aspx?TableKey=14682616000000067&Rec=46415&Fields=All) | Cuba [30] | - | - |
| ***Bispora*****sp.**Corda | India [32,68] | - | - |
| ***Bjerkandera adusta*** (Willd.) P. Karst. | Italy [20] | - | France [56] |
| ***Blastodendrion arztii*** M. Ota | Cuba [16] | Portugal [4,5] | - |
| ***Blastomyces* sp**. Constantin & Rolland | *See current name: Chrysosporium Corda* | | |
| ***Blumeria* sp.** Golovin ex Speer | - | - | Czech Republic, Poland [15] |
| ***Botrytis* sp.**P. Micheli ex Haller | Argentina, Colombia, Italy, Poland, Portugal [2,4,5,9,19,23] | Portugal [4,5] | Portugal [12] |
| ***Botrytis cinerea*** Pers. | Italy, Lithuania, Poland, Spain, [3,18–20,22,24,39] | France, Italy [8,10] | Italy, Portugal [38,60] |
| ***Botryotrichum*****sp.** Sacc. & Marchal | Cuba [29] | - | - |
| ***Botryotrichum murorum*** (Corda) X. Wei Wang & Samson | - | - | Czech Republic, Poland, Portugal [15,41,62] |
| ***Botryotrichum piluliferum***Sacc. & Marchal | - | - | Poland [48] |
| ***Bovista* sp.** Pers***.*** | - | - | Czech Republic, Poland [15] |
| ***Bulleromyces albus*** Boekhout & Á. Fonseca | Italy [20] | - | - |
| ***Byssochlamys* sp.** Westling | - | - | Czech Republic, Poland [15] |
| ***Calcarisporium* sp.** Preuss | Colombia [9] | - | - |
| ***Calocybe* sp.** | - | - | Czech Republic, Poland [15] |
| ***Candida* sp.**Berkhout | Cuba, India, Lituania, Poland [3,17,29,32] | - | Greece [35] |
| ***Candida acidothermophilum*** Masuda, Kato, Takayama, Kida & Nakan. | - | Portugal [4,5] | - |
| ***Candida albicans***(C.P. Robin) Berkhout | Lithuania [3] | - | - |
| ***Candida famata*** (F.C. Harrison) S.A. Mey. & Yarrow | *See current name: Debaryozyma hansenii (Zopf)* | | |
| ***Candida glabrata*** (H.W. Anderson) S.A. Mey. & Yarrow | - | Portugal [4,5] | - |
| ***Candida guilliermondii*** (Castell.) Langeron & Guerra | *See current name: Blastodendrion arztii* | | |
| ***Candida krusei*** (Castell.) Berkhout | *See current name:* *Candida acidothermophilum* | | |
| ***Candida oleophila*** Montrocher | - | Portugal [4,5] | Portugal [4] |
| ***Candida parapsilosis***(Ashford) Langeron & Talice | - | Portugal [4,5] | - |
| ***Candida sphaerica*** (B.W. Hammer & Cordes) S.A. Mey. & Yarrow | - | Poland [19] | - |
| ***Catathelasma* sp.** Lovejoy | - | - | Czech Republic, Poland [15] |
| ***Cephalosporium* sp*.*** Corda | Colombia, Cuba [9,16,30] | - | - |
| ***Cephalotrichum* sp*.*** Link | - | - | Portugal [12] |
| ***Cephalotrichum stemonitis*** (Pers.) Nees | Lithuania [3] | - | Italy [45,51] |
| ***Ceratosporium* sp.**Schwein**.** | Argentina [2] | - | - |
| ***Chaetomium* sp.** Kunze | Argentina, Colombia, India, Italy, Lithuania, Mexico, Poland, Spain [2,3,7,9,18,21,23,24,27,32] | Italy, Portugal [4,5,10] | Czech Republic, Finland, Poland, Portugal, USA [11,12,15,41,57] |
| ***Chaetomium barilochense*** Calviello | - | - | USA [40] |
| ***Chaetomium brasiliense*** Bat. & Pontual | *See current name: Ovatospora brasiliensis* | | |
| ***Chaetomium bostrychodes*** Zopf | Poland [17] | - | Portugal [4] |
| ***Chaetomium* *cymbiforme*** Lodha | *See current name: Amesia cymbiformis* | | |
| ***Chaetomium elatum*** Kunze | - | - | Czech Republic, Italy, Poland [15,62,65,66] |
| ***Chaetomium elongatum*** Czerepanova | Poland [17,21] | - | - |
| ***Chaetomium* g*racile*** Udagawa | *See current name: Chaetomium virescens var. thielavioideum* | | |
| ***Chaetomium funicola*** Cooke | *See current name: Dichotomopilus funicola* | | |
| ***Chaetomium globosum*** Kunze ex Fr. | Lithuania, Poland, Portugal [3,6,18] | Italy, Poland [10,19] | Costa Rica, Czech Republic, Italy, India, France, Poland, Portugal, USA [12,15,37,38,40,41,43,44,56,62] |
| ***Chaetomium indicum*** Corda | Spain [22] | - | Portugal [12] |
| ***Chaetomium murorum*** Corda | *See current name: Botryotrichum murorum* | | |
| ***Chaetomium nigricolor*** L.M. Ames | *See current name: Amesia nigricolor* | | |
| ***Chaetomium subaffine*** Sergeeva | - | Italy [20] | - |
| ***Chaetomium subglobosum*** Sergeeva | *See current name: Chaetomium globosum* | | |
| ***Chaetomium virescens var. thielavioideum*** (K.T. Chen) P.F. Cannon | - | - | Italy [44] |
| ***Chaetosartorya stromatoides***B.J. Wiley & E.G. Simmons | - | - | Indonesia [42] |
| ***Chaetothyriales* sp.**M.E. Barr | - | - | Czech Republic, Poland [15] |
| ***Chalastospora gossypii*** (Jacz.) U. Braun & Crous | Portugal [4,5] | Portugal [4,5] | Greece [35] |
| ***Chromelosporium carneum*** (Pers.) Hennebert | - | - | Portugal [38] |
| ***Chrysonilia* sp.** Arx | Portugal, Spain [4,5,24] | Portugal [4,5] | Portugal [4] |
| ***Chrysonilia sitophila*** (Mont.) Arx | Cuba, Poland, [16,17,19] | Portugal [4,5] | - |
| ***Chrysosporium* sp.** Corda | Argentina, Cuba, Lithuania, Mexico, Portugal [2–5,7,29] | Portugal [4,5] | Portugal [12] |
| ***Chrysosporium carmichaelli*** Oorschot | - | - | Portugal [4] |
| ***Chrysosporium merdarium***(Link) J.W. Carmich. | Lithuania [3] | - | - |
| ***Cladophialophora* sp.**Borelli | - | Portugal [4,5] | - |
| ***Cladosporium* sp.** Link | Argentina, Brazil, Colombia, Cuba, Ethiopia, India, Italy, Mexico, Poland, Portugal, Spain [2,4,26,29,31–33,5,7,9,17,22–25] | Italy, Portugal [4,5,10] | Argentina, Brazil, Czech Republic, Costa Rica, Cuba, Finland, Greece, Iran, Italy, Nigeria, Poland, Portugal, USA [4,11,54,57,60,64,69,12,13,15,33,35,43,46,50] |
| ***Cladosporium angustisporum*** Bensch, Summerell, Crous & U. Braun | - | - | Costa Rica [43] |
| ***Cladosporium cladosporioides*** (Fresen.) G.A. de Vries | Argentina, Cuba, Egypt, France, Italy, Lithuania, Poland [3,8,16–20,33,36,39] | Cuba, Italy, Poland [10,18,19,30] | Brazil, Costa Rica, Italy, Portugal [14,38,43,51,60] |
| ***Cladosporium colocasiae***Sawada | - | - | Indonesia [42] |
| ***Cladosporium colombiae***K. Schub. & Crous | - | - | Indonesia [42] |
| ***Cladosporium coraloides*** Yamamoto | Italy [20] | - | - |
| ***Cladosporium elatum*** (Harz) Nannf. | *See current name: Ochrocladosporium elatum* | | |
| ***Cladosporium fulvum*** Cooke | *See current name: Fulvia fulva* | | |
| ***Cladosporium halotolerans*** Zalar, de Hoog & Gunde-Cim. | Italy [20] | Italy [20] | - |
| ***Cladosporium herbarum***(Pers.) Link | Argentina, Cuba, France, India, Lithuania, Poland, Spain [1,3,8,18,19,24,33,68] | Cuba, France, Italy, Poland  [8,10,18,19,30] | India, Italy, Poland [37,60,70] |
| ***Cladosporium macrocarpum*** Preuss | - | Italy [10] | - |
| ***Cladosporium ossifragi*** (Rostr.) U. Braun & K. Schub. | Italy [39] | - | - |
| ***Cladosporium oxysporum*** Berk. & M.A. Curtis | - | Cuba [30] | USA [57] |
| ***Cladosporium perangustum*** Bensch, Crous & U. Braun | Italy [20] | - | - |
| ***Cladosporium pini-ponderosae*** K. Schub., Gresl. & Crous | - | - | Indonesia [42] |
| ***Cladosporium pseudocladosporioides*** Bensch,Crous & U. Braun | Italy [20,39] | - | - |
| ***Cladosporium ramotenellum*** K. Schub., Zalar, Crous & U. Braun | Italy [20,39] | Italy [20,39] | - |
| ***Cladosporium sphaerospermum*** Penz. | Argentina, Cuba, France, Italy, Lithuania [3,8,20,33,39] | Cuba, France [8,30] | Costa Rica, Italy, USA [43,44,57,59] |
| ***Cladosporium tenuissimum*** Cooke | - | - | Costa Rica [43] |
| ***Claviceps* sp.** Tul***.*** | - | - | Czech Republic, Poland [15] |
| ***Clavulinaceae* sp.** Donk | - | - | Czech Republic, Poland [15] |
| ***Clitopilus* sp.** (Fr. ex Rabenh.) | - | - | Czech Republic, Poland [15] |
| ***Clonostachys* sp.** Corda | India [32] | *-* | *-* |
| ***Clonostachys rosea f. catenulata*** (J.C. Gilman & E.V. Abbott) Schroers | - | - | Poland [48] |
| ***Colletotrichum* sp.** Corda | - | - | Czech Republic, Poland [15] |
| ***Colletotrichum kahawae*** J.M. Waller & Bridge | - | - | Costa Rica [43] |
| ***Conidiocarpus* sp*.*** Woron | - | - | Czech Republic, Poland [15] |
| ***Coniochaeta* sp.** (Sacc.) Cooke | - | - | Czech Republic, Costa Rica, Poland [15,43] |
| ***Coniophora* sp.** DC**.** | - | - | Czech Republic, Poland [15] |
| ***Coprinellus* sp.** P. Karst. | - | - | Czech Republic, Poland [15] |
| ***Coprinus* sp.** Pers. | - | - | Portugal [38] |
| ***Cordyceps* sp.**Fr***.*** | - | - | Czech Republic, Poland [15] |
| ***Cordyceps farinosa*** (Holmsk.) Kepler, B. Shrestha & Spatafora | Italy [20] | - | - |
| ***Cordyceps sinensis*** (Berk.) Sacc. | *See current name: Ophiocordyceps sinensis* | | |
| ***Coriolopsis trogii*** (Berk.) Domanski | Italy [20] | - | - |
| ***Cortinarius* sp.** (Pers.) Gray | - | - | Czech Republic, Poland [15] |
| ***Corynascus sepedonium*** (C.W. Em-mons) Arx | - | Portugal [4,5] | - |
| ***Crepidotus* sp.** (Fr.) Staude | - | - | Czech Republic, Poland [15] |
| ***Crucibulum* sp.** Tul. & C. Tul. | - | - | Czech Republic, Poland [15] |
| ***Cryomyces* sp.**Selbmann, de Hoog, Mazzaglia, Friedmann & Onofri | - | - | Czech Republic, Poland [15] |
| ***Cryptococcus* sp.** Vuill | Poland [17] | Portugal [4,5] | Czech Republic, Poland [15] |
| ***Cryptococcus albidus*** (Saito) C.E. Skinner | Mexico [7] | Portugal [4,5] | - |
| ***Cryptococcus laurentii***(Kuff.) C.E. Skinner | *See current name: Cryptococcus laurenti var laurenti* | | |
| ***Cryptococcus laurentii******var laurentii*** | Mexico, Poland [7,17,19] | Portugal [4,5] | - |
| ***Cryptococcus neoformans var. uniguttulatus*** (Zach) Lodder & Kreger | - | Poland [19] | - |
| ***Cunninghamella* sp.** Matr. | India, Mexico [7,32] | - | - |
| ***Cunninghamella elegans*** Lendn. | - | - | Italy [44] |
| ***Curvularia* sp.**Boedijn | Argentina, Brazil, Cuba, India, Mexico [1,2,7,25,27,31–33] | Portugal [4,5] | Czech Republic, Poland [15] |
| ***Curvularia eragrostidis*** (Henn.) J.A. Mey. | Cuba [16,30] | - | - |
| ***Curvularia lunata*** (Wakker) Boedijn | Egypt, Lituania, Spain [3,24,36] | - | - |
| ***Curvularia pallescens***Boedijn | Cuba, Egypt [16,30,36] | - | - |
| ***Curvularia uncinata*** Bugnic**.** | - | - | India [37] |
| ***Curvularia verruculosa*** Tandon & Bilgrami ex M.B. Ellis | Nigeria [47] | - | - |
| ***Cyathus* sp.** Haller | - | - | Czech Republic, Poland [15] |
| ***Cylindrobasidium* sp.** Jülich | - | - | Czech Republic, Poland [15] |
| ***Cystoderma* sp*.*** Fayod | - | - | Czech Republic, Poland [15] |
| ***Cystolepiota* sp*.*** Singer | - | - | Czech Republic, Poland [15] |
| ***Dactylella* sp.**Grove | Argentina [2] | - | - |
| ***Daldinia* sp.**Ces. & De Not. | - | - | Czech Republic, Poland [15] |
| ***Davidiella tassiana***(De Not.) Crous & U. Braun | *See current name: Cladosporium herbarum* | | |
| ***Debaromyces hansenii*** (Zopf) Lodder & Kreger | - | Portugal [4,5] | Italy [60] |
| ***Debaryozyma hansenii*** (Zopf) Van der Walt & Johannsen | Poland [17,21] | Poland [21] | - |
| ***Diaporthe* sp.** Nitschke | - | - | Czech Republic, Poland [15] |
| ***Dichotomopilus funicola*** (Cooke) X. Wei Wang & Samson | - | Italy [20] | - |
| ***Didymella glomerata*** (Corda) Q. Chen & L. Cai | Italy [20,39] | Portugal [4,5] | - |
| ***Didymella negriana*** (Thümen) Q. Chen & L. Cai | Italy [20] | - | - |
| ***Didymella pomorum*** (Thümen) Q. Chen & L. Cai | - | - | Italy [44] |
| ***Diplodia* sp.** Fr. | - | - | Czech Republic, Poland [15] |
| ***Dipodascopsis* sp.** L.R. Batra & Millner | - | - | Czech Republic, Poland [15] |
| ***Doratomyces stemonitis*** (Pers.) F.J. Morton & G. Sm | *See current name: Cephalotrichum stemonitis* | | |
| ***Dothideales* sp.** Lindau | - | - | Czech Republic, Poland [15] |
| ***Drechslera* sp.**S. Ito | Argentina, Egypt, India, Mexico [2,7,27,32,36] | - | - |
| ***Embellisia abundans*** E.G. Simmons | Italy [20,39] | - | - |
| ***Emericella nidulans*** (Eidam) Vuill | *See current name: Aspergillus nidulans* | | |
| ***Epichloe* sp.** (Fr.) Tul. & C. Tul. | - | - | Czech Republic, Poland [15] |
| ***Epicoccum* sp.**Link | Argentina, Brazil, Cuba, Egypt, Italy, Mexico [2,7,23,25,30,31,36] | - | - |
| ***Epicoccum nigrum*** Link | Italy, Poland [18–20][18](Zielińska-Jankiewicz et al. 2008)[18]<sup>18</sup>(18)(18)(18)(18) | Italy, Portugal [4,5,39] | Brazil, Greece, Italy, Portugal [4,35,44,54,60] |
| ***Epicoccum purpurascens*** Ehrenb | *See current name: Epicocum nigrum* | | |
| ***Eremascus* sp.** Eidam | - | - | Czech Republic, Poland [15] |
| ***Erysiphe* sp*.*** R. Hedw. ex DC. | - | - | Czech Republic, Poland [15] |
| ***Eurotium* sp.**Link | France, Portugal [4,5,8] | France, Portugal [4,5,8] | Canada, Finland [11,71] |
| ***Eurotium amstelodami*** L. Mangin | Poland [17] | Italy, Poland, Portugal [4,5,19,20] | Brazil [54] |
| ***Eurotium chevalieri*** L. Mangin | Italy [20,39] | Italy, Portugal [4,5,20,39] | - |
| ***Eurotium halophilicum*** C.M. Chr., Papav. & C.R. Benj. | - | Italy [20,39] | Italy, Portugal [4,46,64] |
| ***Eurotium herbariorum*** (Weber ex F.H. Wigg.) Link | - | Portugal [4,5] | Japan [63] |
| ***Eurotium pseudoglaucum*** (Blochwitz) Malloch & Cain | - | - | [Italy](file:///C:\Sílvia\AppData\Roaming\Microsoft\Word\tabela%20fungos%20artigo.xlsx#RANGE!_ENREF_5) [44] |
| ***Eurotium repens*** de Bary | *See current name: Eurotium rubrum* | | |
| ***Eurotium rubrum*** Jos. König et al. | Poland [18] | Portugal [4,5] | Indonesia, Portugal [41,49] |
| ***Eutypa* sp.** Tul. & C. Tul. | - | - | Czech Republic, Poland [15] |
| ***Exophiala* sp.** J.W. Carmich | - | Portugal [4,5] | Czech Republic, Finland, Poland, Portugal [4,11,15] |
| ***Exophiala castellanii*** Iwatsu, Nishim. & Miyaji, | Cuba [16] | - | - |
| ***Exophiala werneckii*** (Horta) Arx | *See current name: Hortaea werneckii* | | |
| ***Fayodia* sp.** Kühner | - | - | Czech Republic, Poland [15] |
| ***Fibroporia* sp.** Parmasto | - | - | Czech Republic, Poland [15] |
| ***Filobasidiella* sp.** Kwon-Chung | *See current name: Cryptococcus sp.* | | |
| ***Fistulina* sp.** Bull. | - | - | Czech Republic, Poland [15] |
| ***Flammulaster* sp.** Earle | - | - | Czech Republic, Poland [15] |
| ***Flammulina* sp.** P. Karst. | - | - | Czech Republic, Poland [15] |
| ***Flavomyces fulophazii***D.G. Knapp, Kovács, J.Z. Groenew. & Crous | - | - | Indonesia [42] |
| ***Fomes* sp.** (Fr.) Fr. | - | - | Czech Republic, Poland [15] |
| ***Fulvia fulva*** (Cooke) Cif. | Spain [24] | Cuba [30] | - |
| ***Fumiglobus* sp.**D.R. Reynolds & G.S. Gilbert | - | - | Czech Republic, Poland [15] |
| ***Funalia trogii*** (Berk.) Bondartsev & Singer | *See current name: Coriolopsis trogii* | | |
| ***Fusarium* sp.**Link | Argentina, Brazil, Cuba, India, Italy, Mexico, Poland, Portugal, Spain [2,4,27,29,31–33,5–7,17,18,23–25] | Portugal [4,5] | Brazil, Finland, Portugal [4,11,14] |
| ***Fusarium equiseti*** (Corda) Sacc. | Colombia [53] | - | Colombia, Indonesia [42,53] |
| ***Fusarium fujikuroi***Nirenberg | - | - | Indonesia [42] |
| ***Fusarium incarnatum*** (Roberge) Sacc. | Spain [24] | - | - |
| ***Fusarium oxysporum*** Schltdl. | Cuba, Egypt, Italy [16,20,36,39] | - | India, Portugal, USA  [4,37,57] |
| ***Fusarium proliferatum*** (Matsush.) Nirenberg | Cuba, Portugal [6,16] | - | - |
| ***Fusarium semitectum*** Berk. & Ravenel | *See current name:*  *Fusarium incarnatum* | | |
| ***Fusarium solani***(Mart.) Sacc*.* | Argentina, Cuba, Portugal [6,33] | - | - |
| ***Fusicladium* sp.** Bonord. | - | - | Italy [44] |
| ***Ganoderma* sp.** P. Karst. | - | - | Czech Republic, Poland [15] |
| ***Geomyces* sp.** Traaen | - | Portugal [4,5] | Japan [67] |
| ***Geomyces pannorum***(Link) Sigler & J.W. Carmich | *See current name: Pseudogymnoascus pannorum* | | |
| ***Geosmithia putterillii*** (Thom) Pitt | - | - | Italy [45,51] |
| ***Geotrichum* sp.**Link | Argentina, Brazil, Cuba, India, Italy, Portugal [4,5,23,25,27,33] | Portugal [4,5] | - |
| ***Geotrichum candidum*** Link | Argentina, Lithuania, Poland, Spain [2,3,17,21,24] | - | - |
| ***Gilmaniella* sp.** G.L. Barron | Cuba [29] | - | - |
| ***Gliocladium* sp.**Corda | Colombia, Poland, Spain [9,19,24] | Portugal [4,5] | - |
| ***Gliocladium catenulatum*** J.C. Gilman & E.V. Abbott | *See current name: Clonostachys rosea f. catenulata* | | |
| ***Gliocladium roseum*** Bainier | Lithuania [3] | - | Israel [52] |
| ***Gliocladium virens***J. H. Mill. Giddens & A.A. Foster | *See current name: Trichoderma virens* | | |
| ***Gliomastix murorum*** (Corda) S. Hughes | Lithuania, Poland [3,18] | Poland [18] | - |
| ***Gloeophyllum abietinum***(Bull.) P. Karst. | - | Italy [20,39] | - |
| ***Gloeophyllum* sp.** P. Karst. | - | - | Czech Republic, Poland [15] |
| ***Gloeophyllum sepiarium*** (Wulfen) P. Karst. | Italy [20] | - | - |
| ***Gloeophyllum subferrugineum*** (Berk.) Bondartsev & Singer | Italy [20] | - | - |
| ***Gloeotinia granigena*** (Quél.) T. Schumach. | - | - | France [56] |
| ***Gloeotinia temulenta*** (Prill. & Delacr.) M. Wilson, Noble & E.G. Gray | *See current name: Gloeotinia granigena* | | |
| ***Gnomonia petiolorum*** (Schwein.) Cooke | *See current name:* *Ambarignomonia petiolorum* | | |
| ***Gonytrichum* sp.**Nees & T. Nees | Argentina [2] | - | - |
| ***Graphiopsis* sp.** Trail | - | - | Czech Republic, Poland [15] |
| ***Graphium* sp.**Corda | Portugal [4,5] | Portugal [4,5] | - |
| ***Gymnascella* sp.** Peck | - | Portugal [4,5] | - |
| ***Gymnopus* sp.** (Pers.) Roussel | - | - | Czech Republic, Poland [15] |
| ***Hansfordia* sp.** S. Hughes | - | - | Nigeria [47] |
| ***Haplosporangium* sp.** Thaxt. | Colombia [9] | - | - |
| ***Harpographium* sp.** Sacc. | Argentina [2] | - | - |
| ***Helminthosporium* sp.** Link | Argentina, Brazil, India [2,25,27,68] | - | Iran [13] |
| ***Hebeloma* sp.**  (Fr.) P. Kumm. | - | - | Czech Republic, Poland [15] |
| ***Helotiales* sp.**Nannf***.*** | - | - | Czech Republic, Poland [15] |
| ***Herpotrichiellaceae* sp.** Munk | - | - | Czech Republic, Poland [15] |
| ***Heterocephalum* sp.**Thaxt. | Poland [17] | - | - |
| ***Heterocephalum auranticum*** Thaxt. | Poland [17] | - | - |
| ***Hexagonia nitida*** Durieu & Mont. | Italy [20] | - | - |
| ***Hirsutella* sp.** Pat***.*** | - | - | Czech Republic, Poland [15] |
| ***Hohenbuehelia* sp.** Schulzer | - | - | Czech Republic, Poland [15] |
| ***Hormographiella* sp.** Guarro & Gené | - | Portugal [4,5] | - |
| ***Hormographiella aspergillata*** Guarro, Gené & De Vroey | Portugal [4,5] | Portugal [4,5] | - |
| ***Hortaea werneckii*** (Horta) Nishim. & Miyaji | - | Portugal [4,5] | - |
| ***Humicola* sp.**Traaen | Argentina, Italy [2,23] | - | Portugal [12] |
| ***Humicola fuscoatra*** Traaen | Poland [18] | - | - |
| ***Humicola grisea*** Traaen | *See current name: Trichocladium griseum* | | |
| ***Hyalocylindrophora rosea*** (Petch) Réblová & W. Gams | Lithuania [3] | - | - |
| ***Hygrophorus* sp.** Fr. | - | - | Czech Republic, Poland [15] |
| ***Hymenopellis* sp*.*** R.H. Petersen | - | - | Czech Republic, Poland [15] |
| ***Hyphodiscus* sp.**Kirschst***.*** | - | - | Czech Republic, Poland [15] |
| ***Hypholoma* sp.** (Fr.) P. Kumm. | - | - | Czech Republic, Poland [15] |
| ***Hypocrea lixii*** Pat. | - | - | Morocco [55] |
| ***Hypocrella* sp.** Sacc***.*** | - | - | Czech Republic, Poland [15] |
| ***Hypoxylon* sp.** Bull***.*** | Cuba [29] | - | - |
| ***Isaria* sp.** Pers***.*** | - | - | Czech Republic, Poland [15] |
| ***Itersonilia* sp.** Derx | Cuba [29] | - | - |
| ***Juncaceicola typharum*** (Desm.) Tennakoon, Phook. & K.D. Hyde | - | Italy [20,39] | - |
| ***Kockovaella* sp.** Nakase, I. Banno & Y. Yamada | - | - | USA [57] |
| ***Laccaria* sp.** Berk. & Broome | - | - | Czech Republic, Poland [15] |
| ***Lasiosphaeriaceae* sp.** Nannf**.** | - | - | Czech Republic, Poland [15] |
| ***Lecanicillium kalimantanense*** Kurihara & Sukarno | - | Italy [20,39] | - |
| ***Lecophagus* sp*.*** M.W. Dick | - | - | Czech Republic, Poland [15] |
| ***Lentaria* sp.** Corner | - | - | Czech Republic, Poland [15] |
| ***Lentinula* sp.** Earle | - | - | Czech Republic, Poland [15] |
| ***Leotiomycetes* sp*.*** O.E. Erikss. & Winka | - | - | Czech Republic, Poland [15] |
| ***Lepiota* sp.** (Pers.) Gray | - | - | Czech Republic, Poland [15] |
| ***Lepista* sp.** (Fr.) W.G. Sm. | - | - | Czech Republic, Poland [15] |
| ***Leptosphaeria* sp.**Ces. & De Not. | - | - | Czech Republic, Poland [15] |
| ***Leptosphaeria microscopica*** P. Karst. | *See current name: Phaeosphaeria microscopica* | | |
| ***Leucoagaricus* sp*.*** Locq. Ex Singer | - | - | Czech Republic, Poland [15] |
| ***Leucocortinarius* sp.** (J.E. Lange) Singer | - | - | Czech Republic, Poland [15] |
| ***Leucocybe* sp.** Vizzini, P. Alvarado, G. Moreno & Consiglio | - | - | Czech Republic, Poland [15] |
| ***Lignosus* sp.** Lloyd ex Torrend | - | - | Czech Republic, Poland [15] |
| ***Limacella* sp.** Earle | - | - | Czech Republic, Poland [15] |
| ***Macrotyphula* sp.** R.H. Petersen | - | - | Czech Republic, Poland [15] |
| ***Madurella mycetomatis*** (Laveran) Brumpt | - | - | USA [57] |
| ***Magnaporthe* sp*.*** R.A. Krause & R.K. Webster | - | - | Czech Republic, Poland [15] |
| ***Malassezia* sp.** Baill. | - | - | Czech Republic, Poland [15] |
| ***Melanoleuca* sp.** Pat***.*** | - | - | Czech Republic, Poland [15] |
| ***Memnoniella echinata*** (Rivolta) Galloway | - | - | India [37] |
| ***Meruliopsis corium*** (Pers.) Ginns | Italy [20] | - | - |
| ***Metarhizium* sp.** Sorokin | - | - | Czech Republic, Poland [15] |
| ***Microsporum canis*** E. Bodin ex Guég. | Lithuania [3] | - | - |
| ***Microsporum gypseum*** (E. Bodin) Guiart & Grigoraki | Lithuania [3] | - | - |
| ***Moesziomyces parantarcticus***(Sugita, M. Takashima, Mekha & Poonwan) Q.M. Wang, Begerow, F.Y. Bai & Boekhout | - | - | Indonesia [42] |
| ***Monacrosporium* sp.** Oudem. | Colombia [9] | - | - |
| ***Monascus* sp.**Tiegh. | Brazil [25] | - | - |
| ***Monascus ruber*** Tiegh***.*** | India [1] | - | - |
| ***Monilia* sp.** Pers. | India, Mexico [7,32] | - | - |
| ***Moniliophthora* sp.** H.C. Evans | - | - | Czech Republic, Poland [15] |
| ***Monosporium silvaticum*** Oudem. | Poland [17] | - | - |
| ***Monotospora* sp.** Corda | Colombia [9] | - | - |
| ***Mortierella exigua*** Linnem. | Lithuania [3] | - | - |
| ***Mortierella ereal*** (Harz) W. Gams | Lithuania [3] | - | - |
| ***Mortierella polycephala*** Coem. | Lithuania [3] | - | - |
| ***Mortierella pusilla*** Oudem. | Lithuania [3] | - | - |
| ***Mucor* sp.**Fresen | Colombia, Egypt, India, Lithuania, Mexico, Poland, Portugal, Spain [1,3,36,4,5,7,9,19,24,31,32] | Portugal [4,5] | Finland, Iran, Portugal [11–13] |
| ***Mucor circinelloides*** Tiegh. | - | Poland [19] | - |
| ***Mucor globosus*** Schreb. | Poland [19] | - | - |
| ***Mucor mucedo*** L. | Lithuania [3] | - | - |
| ***Mucor piriformis*** A. Fisch. | Lithuania [3] | - | - |
| ***Mucor plumbeus*** Bonord. | Poland [17] | - | Slovakia [58] |
| ***Mucor racemosus*** Fresen. | Cuba, Lithuania, Poland [3,16,17] | - | Morocco [55] |
| ***Mucor spinosus*** Tiegh. | *See current name: Mucor plumbeus* | | |
| ***Mucor strictus*** Hagem | Lithuania [3] | - | - |
| ***Multiclavula* sp.** R.H. Petersen | - | - | Czech Republic, Poland [15] |
| ***Mycena* sp.** (Pers.) Roussel | - | - | Czech Republic, Poland [15] |
| ***Mycenella* sp.** (J.E. Lange) Singer | - | - | Czech Republic, Poland [15] |
| ***Myrothecium roridum*** Tode | *See current name: Paramyrothecium roridum* | | |
| ***Myxotrichum deflexum*** Berk. | - | - | Czech Republic, Japan, Poland, Portugal [15,41,62,67] |
| ***Nectria* sp.** (Fr.) Fr. | - | Portugal [4,5] | - |
| ***Neocamarosporium betae*** (Berl.) Ariyaw. & K.D. Hyde | Spain [24] | - | - |
| ***Neolentinus* sp.** Redhead & Ginns | - | - | Czech Republic, Poland [15] |
| ***Neurospora* sp.** Shear & B.O. Dodge | Argentina, Brazil, Cuba [2,25,33] | - | Nigeria [50] |
| ***Neurospora crassa*** Shear & B.O. Dodge | Cuba [16] | - | - |
| ***Neurospora intermedia*** F.L. Tai | Nigeria [47] | - | - |
| ***Nigrospora* sp.**Zimm. | Argentina, Brazil, Cuba [2,25,29] | Portugal [4,5] | - |
| ***Nigrospora sphaerica*** (Sacc.) E.W. Mason | Cuba [16] | - | - |
| ***Nodulisporium* sp.** Preuss | *See current name: Hypoxylon sp.* | | |
| ***Ochrocladosporium elatum*** (Harz) Crous & U. Braun | Argentina, Cuba [33] | Cuba [30] | - |
| ***Oidiodendron* sp.**Robak | Poland [17] | - | Czech Republic, Finland, Poland [11,15] |
| ***Oidiodendron ereal*** (Thüm.) G.L. Barron | - | - | Czech Republic, Poland [15] |
| ***Oidiodendron citrinum*** G.L. Barron | Poland [17] | - | Italy [44] |
| ***Oidiodendron echinulatum*** G.L. Barron | Lithuania [3] | - | - |
| ***Oidiodendron flavum*** Szilvinyi | Poland [17] | - | - |
| ***Oidiodendron maius*** G.L. Barron | - | - | Italy [44] |
| ***Oidiodendron rhodogenum*** Robak | Poland [17] | - | - |
| ***Oidiodendron truncatum*** G.L. Barron | Poland [17] | - | - |
| ***Oidium* sp.** Link | India [32] | - | - |
| ***Omphalotus* sp.** Fayod | - | - | Czech Republic, Poland [15] |
| ***Onygena* sp.** Pers***.*** | - | - | Czech Republic, Poland [15] |
| ***Oospora* sp.** Wallr. | *See current name: Oidium sp.* | | |
| ***Ophiocordyceps* sp.** Petch | - | - | Czech Republic, Poland [15] |
| ***Ophiocordyceps sinensis*** (Berk.) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora | - | - | France [56] |
| ***Ovatospora brasiliensis*** (Bat. & Pontual) X. Wei Wang & Samson | - | - | USA [40] |
| ***Ovulariopsis* sp.** Pat. & Har. | Cuba [29] | - | - |
| ***Paecilomyces* sp.** Bainier | Argentina, Colombia, Cuba, Mexico, Poland, Portugal, Spain [2,4,5,7,9,17,24,29] | Portugal [4,5] | Finland, Portugal [4,11,12] |
| ***Paecilomyces farinosus*** (Holmsk.) A.H.S. Br. & G. Sm. | *See current name:* *Cordyceps farinosa* | | |
| ***Paecilomyces variotii*** Bainier | Cuba, Lithuania, Poland [3,16–18] | Italy, Poland [10,18,19] | Italy, Poland [48,51] |
| ***Pallidocercospora* sp.** Crous | - | - | Czech Republic, Poland [15] |
| ***Panaeolus* sp.** (Fr.) Quél. | - | - | Czech Republic, Poland [15] |
| ***Panellus* sp*.*** P. Karst. | - | - | Czech Republic, Poland [15] |
| ***Papularia* sp.** Fr. | Colombia [9] | - | - |
| ***Paraconiothyrium fuckelii*** (Sacc.) Verkley & Gruyter | Italy [20] | - | - |
| ***Paramyrothecium roridum*** (Tode) L. Lombard & Crous | Italy, Spain [23,24] | - | - |
| ***Parasola* sp.** Redhead | - | - | Czech Republic, Poland [15] |
| ***Parastagonospora* sp.** Quaedvlieg, Verkley & Crous | - | - | Czech Republic, Poland [15] |
| ***Passalora* sp.** Fr***.*** | - | - | Czech Republic, Poland [15] |
| ***Peltigera* sp.** Wild | - | - | Czech Republic, Poland [15] |
| ***Penicillium* sp.**Link | Argentina, Brazil, Colombia, Cuba, Ethiopia, France, India, Italy, Lithuania, Mexico, Poland, Portugal, Spain [2,3,21–29,31,4,32,33,5–9,17,18] | Cuba, France, Italy, Poland, Portugal [4,5,8,10,18,21,30] | Argentina, Brazil, Czech Republic, Cuba,  Finland, Greece, Iran, Italy, Japan, Nigeria, Poland, Portugal, USA [4,11,57,60,64,67,69,13–15,33,35,38,46,50] |
| ***Penicillium arenicola*** Chalab. | - | - | Brazil [14] |
| ***Penicillium aurantiogriseum*** Dierckx | Poland [17] | - | Poland [48] |
| ***Penicillium bilaiae*** Chalab. | - | - | Portugal [12] |
| ***Penicillium brasilianum*** Bat. | Nigeria [47] | - | - |
| ***Penicillium brevicompactum*** Dierckx | Italy, Poland [17,20,39] | Italy [10,20,39] | Italy, Portugal [12,44] |
| ***Penicillium canescens*** Sopp | Cuba [30] | Cuba [30] | Italy, Portugal [38,44] |
| ***Penicillium caseifulvum*** Lund, Filt. & Frisvad | Italy [20] | - | - |
| ***Penicillium catenatum*** D.B. Scott | - | Italy [20] | - |
| ***Penicillium chermesinum*** Biourge | Lithuania [3] | Italy [10] | - |
| ***Penicillium chrysogenum*** Thom | Argentina, Colombia, Cuba, Egypt, France, India, Italy, Lithuania, Nigeria, Poland [1,3,36,39,42,47,53,8,16–20,30,33] | Cuba, Italy, France, Poland [8,10,18,20,30,39] | Argentina, Brazil, Costa Rica, Cuba, Czech Republic, Greece, Italy, Japan, Morocco, Poland, Portugal, USA [15,33,60,62,64–67,70,35,38,41,43,44,54,55,57] |
| ***Penicillium citreonigrum*** Dierckx | France, Italy [8,20] | France, Italy [8,10] | Brazil, Japan, Portugal [12,14,67] |
| ***Penicillium citrinum*** Thom | Argentina, Cuba, India, Italy, Nigeria, Poland [1,16–18,20,30,33,47] | Cuba, France, Italy [8,10,30] | Argentina, Brazil, Cuba, France, Greece, Indonesia, Italy, Nigeria, Portugal [12,14,33,35,41,44,47,49,56] |
| ***Penicillium commune*** Thom | Argentina, Cuba, Poland, Spain [17,19,24,33] | - | Argentina, Cuba, Italy, Japan, Morocco, Portugal, Slovakia [33,41,55,58,60,67] |
| ***Penicillium corylophilum*** Dierckx | France, Italy, Lithuania, Poland [3,8,18,19,39] | France, Italy, Poland [8,10,18] | Portugal [12] |
| ***Penicillium crustosum*** Thom | France, Poland [8,19] | France, Poland [8,19] | - |
| ***Penicillium cyclopium*** Westling | Poland [18] | Italy [10] | - |
| ***Penicillium decumbens*** Thom | - | - | Argentina, Cuba, Italy, Portugal [12,33,44] |
| ***Penicillium dierckxii*** Biourge | - | - | Brazil (da Silva et al., 2006) |
| ***Penicillium digitatum***(Pers.) Sacc. | Egypt [36] | Italy [10] | - |
| ***Penicillium diversum*** Raper & Fennell | Italy [20] | - | - |
| ***Penicillium expansum*** Link | Egypt, Lithuania [3,36] | - | - |
| ***Penicillium echinulatum*** Raper & Thom ex Fassat. | - | - | Japan [67] |
| ***Penicillium fellutanum*** Biourge | *See current name: Penicillium dierckxii* | | |
| ***Penicillium freii*** Frisvad & Samson | Poland [19] | Poland [19] | - |
| ***Penicillium funiculosum*** Thom | Lithuania, Poland [3,17,18] | - | Israel, Poland [48,52] |
| ***Penicillium glabrum***(Wehmer) Westling | Italy [20,39] | - | Portugal [12] |
| ***Penicillium griseofulvum*** Dierckx | Argentina, Cuba, Poland, Portugal [6,19,33] | Italy [10] | Portugal [12] |
| ***Penicillium helicum*** Raper & Fennell | - | - | Portugal [38] |
| ***Penicillium hirsutum*** Dierckx | Poland [19] | - | - |
| ***Penicillium islandicum*** Sopp | - | - | India [37] |
| ***Penicillium italicum*** Wehmer | Egypt, Italy [36,39] | Italy [10] | - |
| ***Penicillium lividum*** Westling | *See current name: Penicillium spinulosum* | | |
| ***Penicillium*** ***miczynskii*** K. M. Zalessky | - | Italy [10] | - |
| ***Penicillium minioluteum***Dierckx | - | - | France [56] |
| ***Penicillium ochraceum*** (Bainier) Thom | *See current name: Penicillium aurantiogriseum* | | |
| ***Penicillium olsonii*** Bainier & Sartory | France [8] | Poland [19] | - |
| ***Penicillium oxalicum*** Currie and Thom | India, Lithuania, Nigeria, Poland, Portugal [1,3,6,19,47] | Italy [10] | Indonesia, Portugal [12,49] |
| ***Penicillium paxilli*** Bainier | - | - | Italy [45,51] |
| ***Penicillium pinophilum***Hedgc | - | - | Italy [60,64] |
| ***Penicillium purpurascens*** (Sopp) Biourge | Lithuania [3] | - | - |
| ***Penicillium purpurescens*** (Sopp) Raper & Thom | *See current name:* *Penicillium purpurascens* | | |
| ***Penicillium purpurogenum*** Stoll | Poland, Spain [17,22] | - | Italy [59] |
| ***Penicillium restrictum*** [J.C. Gilman & E.V. Abbott](http://www.mycobank.org/BioloMICS.aspx?TableKey=14682616000000067&Rec=19227&Fields=All) | - | Cuba [30] | Brazil, Italy [14,45,51][14,45,51](da Silva et al. 2006; Zotti et al. 2007; Zotti et al. 2008)[14,45,51]<sup>14,45,51</sup> |
| ***Penicillium rubens***Biourge | - | Italy [20] | Indonesia [49] |
| ***Penicillium rugulosum*** Thom | *See current name: Talaromyces rugulosus* | | |
| ***Penicillium simplicissimum*** (Oudem.) Thom | Cuba, Poland [19,30] | Cuba, Poland [19,30] | Portugal [12] |
| ***Penicillium sizovae*** Baghd**.** | Italy [20,39] | - | - |
| ***Penicillium solitum*** Westling | - | - | Japan, Portugal [12,67] |
| ***Penicillium spinulosum*** Thom | Italy, Lithuania, Poland [3,18,20] | Italy [10] | Czech Republic, Italy, Poland, Portugal [12,15,45,48,51,62] |
| ***Penicillium steckii*** K.M. Zalessky | - | Italy [20] | Italy [45,51] |
| ***Penicillium sublateritum*** Biourge | Poland [17] | - | - |
| ***Penicillium terrigenum*** Seifert, Houbraken, Frisvad & Samson | Italy [20] | - | - |
| ***Penicillium turbatum*** Westling | Italy [20] | - | Italy [45,51] |
| ***Penicillium variabile*** Sopp | - | - | Italy, Portugal [12,44] |
| ***Penicillium vancouverense*** Houbraken, Frisvad & Samson | - | - | Japan [67] |
| ***Penicillium verrucosum*** Dierckx | Lithuania, Poland [3,17] | Poland [21] | Poland [48] |
| ***Penicillium viridicatum*** Westling | Poland [19] | Italy [10] | - |
| ***Penicillium waksmanii*** K. M. Zalessky | Poland [17,19] | Cuba, Italy [10,30] | - |
| ***Penicillium westlingii*** K.M. Zalessky | - | - | Costa Rica [43] |
| ***Penicillium wortmannii*** Klöcker | *See current name:*  *Talaromyces wortmannii* | | |
| ***Peniophora* sp.** | - | - | Czech Republic, Poland [15] |
| ***Peniophora lycii (Pers.)*** Höhn. & Litsch. | Italy [20] | - | - |
| ***Peniophora tamaricicola*** Boidin & Malençon | Italy [20] | - | - |
| ***Pestalotia* sp.**De Not. | Spain [24] | - | - |
| ***Periconia* sp.** Tode | India [32] | - | Costa Rica [43] |
| ***Periconia cookei*** E.W. Mason & M.B. Ellis | - | Italy [10] | - |
| ***Pestalotia* sp.** De Not. | Cuba [29,30] | - | - |
| ***Peziza ostracoderma*** Korf | - | - | Italy [44] |
| ***Phaeomarasmius* sp.** Scherff. | - | - | Czech Republic, Poland [15] |
| ***Phaeosphaeria* sp.** I. Miyake | - | - | Czech Republic, Poland [15] |
| ***Phaeosphaeria herpotrichoides***(De Not.) L. Holm | Italy [20,39] | - | - |
| ***Phaeosphaeria microscopica*** (P. Karst.) O.E. Erikss | Italy [20] | - | - |
| ***Phaeospheria typharum*** (Desm.) L. Holm | *See current name: Juncaceicola typharum* | | |
| ***Phanerochaete* sp.** P. Karst. | - | - | Czech Republic, Poland [15] |
| ***Phellinus* sp.** Quél. | - | - | Czech Republic, Poland [15] |
| ***Phialemonium sp.*** W. Gams & McGinnis | - | Portugal [4,5] | Portugal [4] |
| ***Phialophora* sp.** Medlar | - | Portugal [4,5] | Finland, Portugal [11,12] |
| ***Phlebia subserialis*** (Bourdot & Galzin) Donk | - | - | Portugal [38] |
| ***Phlebiopsis* sp.** Jülich | - | - | Czech Republic, Poland [15] |
| ***Phlebiopsis gigantea*** (Fr.) Jülich | - | - | Portugal [38] |
| ***Pholiota* sp.** (Fr.) P. Kumm. | - | - | Czech Republic, Poland [15] |
| ***Phoma* sp.** Sacc. | Brazil, France, India, Portugal [4,5,8,25,32] | Portugal [4,5] | Czech Republic, Poland, Portugal [12,15] |
| ***Phoma betae*** A.B. Frank | *See curent name: Neocamarosporium betae* | | |
| ***Phoma glomerata*** (Corda) Wollenw. & Hochapfe | *See curent name: Didymella glomerata* | | |
| ***Phoma herbarum*** Westend | - | - | Slovakia [58] |
| ***Phoma leveillei*** Boerema & G.J. Bollen | Lithuania [3] | - | - |
| ***Phoma medicaginis***Malbr. & Roum. | *See current name: Ascochyta medicaginicola* | | |
| ***Phoma negriana*** Thüm. | *See current name: Didymella negriana* | | |
| ***Phoma pomorum*** Thüm. | *See current name: Didymella pomorum* | | |
| ***Phyllotopsis* sp.** *E.-J. Gilbert & Donk ex Singer* | - | - | Czech Republic, Poland [15] |
| ***Piptoporus* sp.** P. Karst. | - | - | Czech Republic, Poland [15] |
| ***Pithomyces* sp.** Berk. & Broome | Mexico [7] | Italy, Portugal [4,5,10] | - |
| ***Pleosporales* sp.** Luttr. Ex M.E. Barr | Italy [20,39] | - | Czech Republic, Poland [15] |
| ***Pleurocybella* sp.** Singer | - | - | Czech Republic, Poland [15] |
| ***Pleurotus* sp.** (Fr.) P. Kumm. | - | - | Czech Republic, Poland [15] |
| ***Pluteus* sp.** Fr. | - | - | Czech Republic, Poland [15] |
| ***Pochonia* sp.** Bat. & O.M. Fonseca | - | - | Czech Republic, Poland [15] |
| ***Podospora* sp*.*** Ces***.*** | - | - | Czech Republic, Poland [15] |
| ***Polycephalomyces* sp*.*** Kobayasi | - | - | Czech Republic, Poland [15] |
| ***Polyporales* sp.** Gäum. | - | - | Czech Republic, Poland [15] |
| ***Polyporus* sp.** P. Micheli ex Adans. | - | - | Czech Republic, Poland [15] |
| ***Polyporus brumalis*** (Pers.) Fr. | - | - | France [56] |
| ***Porostereum* sp.** Pilát | - | - | Czech Republic, Poland [15] |
| ***Pseudogymnoascus pannorum*** (Link) Minnis & D.L. Lindner | - | Portugal [4,5] | Italy [45,51] |
| ***Pseudopestalotiopsis theae*** (Sawada) Maharachch., K.D. Hyde & Crous, | Nigeria [47] | - | - |
| ***Pseudotaeniolina globosa*** De Leo, Urzì & De Hoog | Italy [20] | - | - |
| ***Psilocybe* sp.** (Fr.) P. Kumm. | - | - | Czech Republic, Poland [15] |
| ***Purpureocillium* sp.** Luangsa-ard, Hywel-Jones, Houbraken & Samson | - | - | Czech Republic, Poland [15] |
| ***Pyricularia* sp.** (Sacc.) Sacc. | Colombia [9] | - | - |
| ***Pyronema* sp*.*** Carus | - | - | Czech Republic, Poland [15] |
| ***Ramichloridium* sp.** Stahel ex de Hoog | - | Portugal [4,5] | - |
| ***Resinicium* sp.** Parmasto | - | - | Czech Republic, Poland [15] |
| ***Rhizomucor* sp.**Lucet & Costantin | - | Portugal [4,5] | - |
| ***Rhizomucor pusillus*** (Lindt) Schipper | Lithuania [3] | - | - |
| ***Rhizopus* sp.**Ehrenb. | Brazil, Colombia, France, India, Spain [8,9,24,25,27,32] | Portugal [4,5] | Brazil, Czech Republic, Finland, Iran, Nigeria, Poland, Portugal [11–13,15,50,54] |
| ***Rhizopus arrhizus*** A. Fisch | *See current name: Rhizopus oryzae* | | |
| ***Rhizopus nigricans*** Ehrenb. | *See current name: Rhizopus stolonifer var. stolonifer* | | |
| ***Rhizopus oryzae*** Went & Prins. Geerl. | Poland [17,19] | Poland, Portugal [4,5,19] | Italy [60] |
| ***Rhizopus stolonifer***(Ehrenb.) Vuill. | Egypt, India, Poland, Portugal, Spain [1,4,5,17,22,36,68] | - | - |
| ***Rhizopus stolonifer var. stolonifer*** (?) | Poland [18] | Poland [18] | - |
| ***Rhodotorula* sp*.*** F.C. Harrison | Brazil, Colombia, Cuba, France, Lithuania, Mexico [3,7–9,25,29] | France, Poland [8,19] | Czech Republic, Poland [15] |
| ***Rhodotorula aurantiaca*** (Saito) Lodder | - | - | Italy [64] |
| ***Rhodotorula glutinis*** (Fresen.) F.C. Harrison | *See current name: Rhodotorula glutinis var. glutinis* | | |
| ***Rhodotorula glutinis var. glutinis*** (?) | Poland [17] | Portugal [4,5] | - |
| ***Rhodotorula mucilaginosa***(A. Jörg.) F.C. Harrison | *See current name: Rhodotorula mucilaginosa var. mucilaginosa* | | |
| ***Rhodotorula mucilaginosa var. mucilaginosa*** (?) | Poland [17] | - | Czech Republic, Poland [15,62] |
| ***Saccharicola bicolor***(D. Hawksworth, W.J. Kaiser & Ndimande) D. Hawksworth & O.E. Eriksson | *See current name: Stagonospora bicolor* | | |
| ***Saccharomyces* sp.** Meyen ex Hansen | India [32] | *-* | *-* |
| ***Sarcomyxa* sp.** P. Karst. | *See current name: Panellus sp.* | | |
| ***Sarocladium* sp.** W. Gams & D. Hawksw. | - | - | Czech Republic, Poland [15] |
| **Sarocladium kiliense**(Grütz) Summerbell | Lithuania [3] | - | Brazil [54] |
| ***Scedosporium* sp.** Sacc. Ex Castell. & Chalm. | Portugal [4,5] | Portugal [4,5] | Portugal [4] |
| ***Schizophyllum* sp.** Fr. | - | - | Czech Republic, Poland [15] |
| ***Schizophyllum commune*** Fr. | Italy [20,39] | - | Morocco [55] |
| ***Sclerotinia* sp.** Fuckel | Colombia [9] | - | - |
| ***Scolecobasidium* sp.**E.V. Abbott | Lithuania [3] | - | - |
| ***Scopulariopsis* sp.** Bainier | Argentina, Cuba, France, Italy, Portugal, Spain [2,4,5,8,23,24,33] | Portugal [4,5] | Argentina, Czech Republic, Cuba, Finland, Poland [11,15,33] |
| ***Scopulariopsis asperula*** (Sacc.) S. Hughes | Poland [17] | Portugal [4,5] | Portugal [4] |
| ***Scopulariopsis brevicaulis*** (Sacc.) Bainier | Poland [17] | Italy [20] | - |
| ***Scopulariopsis fusca*** Zach | *See current name:* *Scopulariopsis asperula* | | |
| ***Scorias* sp.** Fr***.*** | - | - | Czech Republic, Poland [15] |
| ***Scytalidium* sp.** Pesante | - | Portugal [4,5] | Portugal [4] |
| ***Serendipita* sp.** P. Roberts | - | - | Czech Republic, Poland [15] |
| ***Sepedonium* sp.**Link | Argentina [2] | - | - |
| ***Simocybe* sp.**P. Karst. | - | - | Czech Republic, Poland [15] |
| ***Skeletocutis* sp.** Kotlába & Pouzar | - | - | Portugal [38] |
| ***Sordaria* sp.** Ces. & De Not. | - | - | Czech Republic, Poland [15] |
| ***Spicaria* sp.** Harting | *See current name: Clonostachys* | | |
| ***Sporidiobolus pararoseus*** Fell & Tallman | Italy [20] | - | - |
| ***Sporobolomyces roseus*** Kluyver & C.B. Niel | Cuba [16] | - | - |
| ***Sporodiniella umbellata*** Boedijn | Lithuania [3] | - | - |
| ***Sporotrichum olivaceum***(Link) Fr. | Lithuania [3] | - | - |
| ***Sporothrix* sp.** Hektoen & C.F. Perkins | Argentina [2] | - | - |
| ***Stachybotrys* sp.**Corda | India [32] | - | Finland [11] |
| ***Stachybotrys chartarum*** (Ehrenb.) S. Hughes | Colombia, Italy, Lithuania, Spain [3,20,24,53] | - | Colombia, India, Italy, Japan, Portugal [37,41,53,65–67] |
| ***Stagonospora bicolor*** (D. Hawksw., W.J. Kaiser & Ndimande) Kaz. Tanaka & K. Hiray. | - | - | France [56] |
| ***Stemphylium* sp.**Wallr. | Argentina, Italy, Mexico, Spain [2,7,23,24] | Portugal [4,5] | - |
| ***Stereum gausapatum*** (Fr.) Fr. | Italy [20] | - | - |
| ***Strobilurus* sp.** Singer | - | - | Czech Republic, Poland [15] |
| ***Stropharia* sp.** (Fr.) Quél. | - | - | Czech Republic, Poland [15] |
| ***Sydowia* sp.** Bres**.** | - | - | Czech Republic, Poland [15] |
| ***Syncephalastrum* sp.**J. Schröt. | Argentina, Cuba, India, [32,33] | - | - |
| ***Syncephalastrum racemosum*** Cohn | India [1] | - | - |
| ***Talaromyces* sp.**C.R. Benj. | - | - | Czech Republic, Poland [15] |
| ***Talaromyces flavus***(Klöcker) Stolk & Samson | - | - | Greece [35] |
| ***Talaromyces helicus*** C.R. Benj. | Poland [18] | - | Argentina, Cuba [33] |
| ***Talaromyces rugulosus*** (Thom) Samson, Yilmaz, Frisvad and Seifert | Poland [18] | Italy [10] | Italy [61] |
| ***Talaromyces wortmannii*** (Klöcker) C.R. Benj. | - | - | India [37] |
| ***Taphrina* sp.** Fr. | - | - | Czech Republic, Poland [15] |
| ***Teratosphaeria* sp.**Syd. & P. Syd. | - | - | Czech Republic, Poland [15] |
| ***Termitomyces* sp.** R. Heim | - | - | Czech Republic, Poland [15] |
| ***Tetraploa* sp.** Berk. & Broome | India [32] | - | - |
| ***Tilletia s*p.** Tul. & C. Tul. | - | - | Czech Republic, Poland [15] |
| ***Thanatephorus cucumeris*** (A.B. Frank) Donk | - | - | Portugal [38] |
| ***Thermomyces* sp.** Tsikl***.*** | - | - | Czech Republic, Poland [15] |
| ***Thielavia* sp.** Zopf | - | - | Czech Republic, Poland [15] |
| ***Thielavia hyalocarpa*** Arx | - | - | USA [57] |
| ***Tolypocladium* sp.** W. Gams | - | - | Czech Republic, Poland [15] |
| ***Torula* sp.** Pers. | Cuba, India, Mexico [7,29,32] | - | - |
| ***Torula herbarum*** (Pers.) Link | - | Italy [10] | India [37] |
| ***Toxicocladosporium* sp.** Crous & U. Braun | - | - | Czech Republic, Poland [15] |
| ***Toxicocladosporium irritans***Crous & U. Braun | - | - | Portugal [38] |
| ***Trametes* sp.** Fr. | - | - | Czech Republic, Poland [15] |
| ***Trametes ochracea***([Pers.](https://www.first-nature.com/fungi/~biog-persoon.php)) Gilb. & Ryvarden | - | - | Greece [35] |
| ***Tremella* sp.** Pers. | - | - | Czech Republic, Poland [15] |
| ***Tremiscus* sp.** (Pers.) Lév. | - | - | Czech Republic, Poland [15] |
| ***Trichocladium* sp.**Harz | Argentina, Spain [2,24] | - | - |
| ***Trichocladium griseum*** (Traaen) X. Wei Wang & Houbraken | - | Portugal [4,5] | Portugal [4] |
| ***Trichocomaceae* sp.**E. Fisch. | - | - | Nigeria [47] |
| ***Trichoderma* sp.** Pers. | Brazil, France, India, Lithuania, Poland, Portugal, Spain [3–5,8,17,24,25,32] | France, Italy, Portugal [4,5,8,10] | Czech Republic, Finland, Iran, Italy, Poland, Portugal [11–13,15,44,60] |
| ***Trichoderma atroviride*** P. Karst | - | - | Nigeria [47] |
| ***Trichoderma aureoviride*** Rifai | - | Italy [10] | - |
| ***Trichoderma citrinoviride*** Bissett | - | - | France [56] |
| ***Trichoderma hamatum*** (Bonord.) Bainier | - | Italy [10] | - |
| ***Trichoderma harzianum*** Rifai | - | Italy [10] | Poland [48] |
| ***Trichoderma koningii*** Oudem**.** | Poland [19] | Poland [19] | France [56] |
| ***Trichoderma longibrachiatum*** Rifai | - | Portugal [4,5] | Costa Rica, Indonesia [43,49] |
| ***Trichoderma pseudokoningii*** Rifai | - | - | Italy [45,51] |
| ***Trichoderma virens*** (J.H. Mill., Giddens & A.A. Foster) Arx | Lithuania [3] | - | - |
| ***Trichoderma víride*** Pers. | Cuba, Egypt, Lithuania, Poland, Spain [3,16–18,24,36] | Poland [19] | Portugal [4,12] |
| ***Tricholomopsis* sp.** Singer | - | - | Czech Republic, Poland [15] |
| ***Trichosporon* sp.** Behrend | Mexico [7] | - | - |
| ***Trichosporum* sp.**Vuill**.** | - | - | Brazil (da Silva et al., 2006) |
| ***Trichothecium* sp.**Link | India, Mexico [7,32] | Portugal [4,5] | - |
| ***Trichothecium laxicephalum*** (Kamyschko) M.A. Litv. | Poland [17] | - | - |
| ***Trichothecium roseum***(Pers.) Link | Poland, Spain [17,18,24] | - | - |
| ***Trichurus* sp.** Clem | *See current name: Cephalotrichum* | | |
| ***Tricophyton* sp.** Malmsten | Italy [23] | - | - |
| ***Tritirachium* sp.** Limber | - | - | Finland [11] |
| ***Umbilicaria* sp.** Hoffm. | - | - | Czech Republic, Poland [15] |
| ***Ulocladium* sp.**Preuss | Argentina, France, Mexico, Poland, Portugal, Spain [2,4,5,7,8,17,19,24] | Portugal [4,5] | - |
| ***Ulocladium botrytis*** Preuss | - | - | Italy [44] |
| ***Ulocladium consortiale*** (Thüm.) E.G. Simmons | Poland [19] | - | - |
| ***Ulocladium chartarum***(Preuss) E.G. Simmons | Poland [18] | - | France [56] |
| ***Ulocladium cucurbitae*** (Letendre & Roum.) E.G. Simmons | - | - | France [56] |
| ***Ustilago* sp.**(Pers.) Roussell | - | Portugal [4,5] | - |
| ***Valsa* sp.** Fr. | - | - | Czech Republic, Poland [15] |
| ***Verticillium* sp.**Nees | Colombia, Poland [9,18] | - | - |
| ***Verticillium album*** (Preuss) Pidopl. | *See current name: Acrostalagmus albus* | | |
| ***Volvariella* sp.** Speg. | - | - | Czech Republic, Poland [15] |
| ***Wallemia sebi***(Fr.) Arx | France, Poland, Portugal [4,5,8,17] | France, Portugal [4,5,8] | Italy [64] |
| ***Zasmidium* sp.** Fr. | - | - | Czech Republic, Poland [15] |
| ***Zygosporium* sp.** Mont. | Cuba [29] | - | - |
| **Non-sporulating fungi / Mycelia sterilia / Sterile mycelia** | Argentina, Brazil, Colombia, Cuba, France, India, Italy, Lithuania, Mexico, Portugal [1,3,32,33,39,4,5,7–9,20,25,31] | Italy, Portugal [4,5,10,20] | Brazil, Italy [14,44,45,51] |

? – Nomenclature under study.

**Supplementary Table 1 References**

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