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New additions to the list of fungi of Türkiye-3

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Türkiye Mantarları Listesi'ne yeni ilaveler-3

Abstract: The book titled "List of Fungi of Türkiye", which is an important document for researchers working mycology, was published in 2020 and contains a checklist of all micro and macrofungus species recorded from Turkey. In addition, all fungal species are given Turkish scientific names in this book. In 2022 and 2024, two additional articles were prepared and the records after the publication of the book were included in these articles. With these studies, it is tried to keep the book and the checklist up to date. The present study is a continuation of these articles, and a total of 92 taxa (1 division, 3 families, 6 genera and 82 species) recorded from Türkiye by various researchers because of the literature searches have been added to the checklist. As a result of three update articles published after the publication of the book, the number of fungal species recorded in Turkey reached 6126 and the total number of taxa reached 7902. In this study, the method followed in the writing of the book was followed and Turkish scientific names were given to the 92 taxa identified as new records from Türkiye.

Key words: Fungi, Turkish Scientific Fungal Names, Türkiye

Özet: Mikoloji alanında çalışan bilim insanlarına önemli bir kaynak niteliği taşıyan "Türkiye Mantarları Listesi" isimli kitap 2020 yılında basılmış olup, Türkiye'den kaydı verilmiş olan tüm mikro ve makrofungus türlerini bir kontrol listesi halinde içermektedir. Ayrıca bu kitapta tüm fungal türlere Türkçe bilimsel isimler de verilmiştir. 2022 ve 2024 yıllarında ise ilave iki makale hazırlanarak, kitabın basımından sonraki kayıtlara yer verilmiştir. Bu çalışmalar ile eserin ve kontrol listesinin güncel tutulması sağlanmaya çalışılmaktadır. Mevcut çalışma da bu makalelerin devamı niteliğinde olup, yapılmış olan literatür taramaları sonucunda çeşitli araştırıcılar tarafından Türkiye'den kaydı verilen toplam 92 takson (1 bölüm, 3 familya, 6 cins ve 82 tür) kontrol listesine ilave edilmiştir. Kitabın basımından sonra yapılan üç güncelleme makalesi sonunda Türkiye'de kaydı verilen fungal tür sayısı 6126'ya, toplam takson sayısı ise 7902'ye ulaşmıştır. Çalışmada kitabın yazımında uyulan metod takip edilmiş olup, ülkemizden yeni kayıt olarak tespit edilen 92 taksona Türkçe bilimsel isimler de verilmiştir.

Anahtar Kelimeler: Mantarlar, Türkçe Bilimsel İsimler, Türkiye

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1. Introduction

Estimates of the diversity of fungi, the second largest group of eukaryotic organisms, suggest that they are represented by millions of species and only about 150,000 species have been identified as heterogeneous based on morphological, anatomical, physiological, or molecular criteria (Hawksworth, 1991; Tedersoo et al., 2018). There are 8 divisions, 341 families, 1417 genera and 6044 species reported to date through mycological studies on macro and microfungi in Türkiye (Asan et al., 2024). The Checklist of the Fungi of Turkey (Sesli et al., 2020) was published in 2020. In fact, some fungal checklists were published in Türkiye before 2020. Examples: Sesli and Baydar, 1995; Asan, 2004, 2015, 2011; Sesli and Denchev, 2005, 2008, 2014; Sesli, 2007; Asan et al., 2016; Giray et al., 2022. However, this monumental book (Sesli et al., 2020) was a first as it included all macro and microfungi recorded from Türkiye until 2020. This book includes information such as the names and synonyms of fungal taxa reported from Türkiye and the region where the record was made. In addition to this information, new Turkish scientific names are included in addition to the Latin names for all recorded fungal taxa. This book was created as a result of review all studies conducted in the field of mycology in Türkiye until 2020. Of course, it is possible that there are studies that could not be reached or were overlooked during this literature review. In addition, as mycological research continues in Türkiye, new fungal taxa will continue to be published and with the widespread use of molecular identification methods, the number of new fungal taxa for Turkey is expected to increase. It is necessary to add the fungal taxa recorded in Turkey after 2020 to the mentioned book, to continue to make scientific nomenclature in Turkish, to include overlooked species in the book and to keep the book up to date in this way, additional articles should be made. After 2020, 2 additional articles were made (Asan et al., 2022, 2024) and 179 fungal species that were not included in the book or newly recorded were added to the mycobiota of Turkey, together with their Turkish scientific names. The present article is the third update article and includes the records obtained as a result of literature review.

2. Materials and Method

In all update articles (Asan et al., 2022, 2024) following the "The Checklist of the Fungi of Turkey " book (Sesli et al., 2020), which contains the fungal taxa recorded from Türkiye, care has been taken to use the method followed in

the book without changing too much when giving records. Records given in MSc, PhD and dissertation theses and in congress/symposium abstracts are not included in the checklist. Taxa in the section categories are listed in alphabetical order, from primitive to advanced, and taxa in the family-interspecific categories are listed in alphabetical order. In this article, Turkish scientific names were given to the fungal taxa recorded for the first time, and these taxa were indicated with the (*) symbol in the text. After the Latin name of the newly recorded species from Türkiye is written, added taxon information and then the Turkish scientific name is given in bold font. If the higher taxa of the new species records were previously given Turkish scientific names, these names have been preserved. The synonyms of fungal species are given in chronological order from old year to new. The websites indexfungorum.org and mycobank.org have been utilized for the iinformation of the fungi. Macrofungi recorded after the publication date of the book are not included in this article. The book entitled "The Checklist of the Fungi of Turkey", all subsequent update articles, and the Turkish names proposed for fungal taxa in the present article are "Turkish Scientific Names" according to Menemen et al. (2021).

3. Results

This article compiles 92 fungal taxa that were not included in previously published fungal checklists. The taxa contents of previous checklists can be summarized as follows:

- Sesli et al. (2020): 6 sections 314 families, 1361 genera, 5865 species / total 7546 taxa.
- Asan et al. (2022): 1 section, 21 families, 44 genera and 111 species / total 177 taxa.
- Asan et al. (2024): 1 section, 6 families, 12 genera and 68 species / 87 taxa in total.

The current review adds a new section, 3 new families, 6 new genera and new 82 species / 92 taxa in total to the overall list. As a result, the current list is updated as 9 sections, 344 families, 1423 genera and 6126 species / a total of 7902 taxa.

List

Oomycota Arx, Pilzkunde, 16 (1967) / **Su Küfleri**.

Peronosporaceae De Bary, Annls Sci. Nat., Bot., Sér. 4 20: 102 (1863) / **Havlimildiyögiller**.

****Plasmopara*** J.Schröt., In Cohn, Krypt.-Fl. Schlesien 3.1(9–16): 236 (1886) / **Bağal.**
Type species: *Plasmopara nivea* (Unger) J. Schröt., 1886.
Syn.: *Peronospora* sect. *zoosporiparae* de Bary, Annls Sci. Nat., Bot., sér. 4 20: 104 (1863), *Rhysotheca* G.W.Wilson, Bull. Torrey Bot. Club 34: 398 (1907), *Pseudoplasmopara* Sawada, Rep. Dept Agric., Govern. Res. Inst. Formosa, Spec. Bull. Agr. Exp. Station Formosa 2: 40 (1922).

****Plasmopara viticola*** (Berk. & M.A.Curtis) Berl. & De Toni, in Berlese, De Toni & Fischer, Syll. Fung. 7(1): 239 (1888) / **Ölü bağal.**
Syn.: *Botrytis viticola* Berk. & M.A.Curtis, J. Hort. Soc., London 6: 289 (1851), *Peronospora viticola* (Berk. & M.A.Curtis) Casp., Ber. Bekanntm. Verhandl. Königlich Preuss. Akad. Wissensch. Berlin 3: 331 (1855), *Rhysotheca viticola* (Berk. & M.A.Curtis) G.W.Wilson, Bull. Torrey Bot. Club 34: 407 (1907), *Plasmopara viticola* var. *americana* N.P. Golovina, Notul. Syst. Sect. Cryptog. Inst. Bot. Acad. Sci. U.S.S.R. 10: 141 (1955), *P. viticola* var. *amurensis* N.P. Golovina, Notul. Syst. Sect. Cryptog. Inst. Bot. Acad. Sci. U.S.S.R. 10: 141 (1955), *P. viticola* var. *parthica* N.P. Golovina, Notul. Syst. Sect. Cryptog. Inst. Bot. Acad. Sci. U.S.S.R. 10: 141 (1955).
Host: *Vitis vinifera* L.
Record: Arslan and Erdoğdu (2022), (plant; Kırşehir).

****Blastocladiomycota*** T.Y.James, Mycologia 98(6): 867 (2007) / **Tortul Mantarlar.**

Physodermataceae Sparrow, Mycologia 44(6): 768 (1952) / **Düdükpasigiller**.

Physoderma Wallr., Fl. Crypt. Germ. (Norimbergae) 2: 192 (1833) / **Düdükpası**.
Type species: *Physoderma maculare* Wallr. 1833.
Syn.: *Urophlyctis* J.Schröt., in Cohn, Krypt.-Fl. Schlesien (Breslau) 3.1(9–16): 196 (1886), *Oedomyces* Sacc. ex Trab., Rev. Gén. Bot. 6: 410 (1894), *Physopella* G.Poirault, Bull. Assoc. Franç. Avanc. Sci.: 325 (1905).

****Physoderma menthae*** J.Schröt., in Cohn, Krypt.-Fl. Schlesien (Breslau) 3.1(9–16): 195 (1886) / **Kokulu düdükpası**.
Syn.: *Ustilago menthae* J.Schröt., Jber. Schles. Ges. Vaterl. Kultur 48: 92 (1870), *Cladochytrium menthae* (J.Schröt.) A.Fisch., in Winter, Rabenh. Krypt.-Fl., Edn 2 (Leipzig) 1(4): 141 (1892).
Host: *Mentha longifolia (L.)* subsp. *typhoides* (Briq.) Harley
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

Ascomycota Caval.-Sm., Biol. Rev. 73: 247 (1998) / **Keseli Mantarlar**.

Didymosphaeriaceae Munk, *Dansk bot. Ark.* **15** (no. 2): 128 (1953) / **Karataburgiller.**

****Dictyoarthrinium*** S.Hughes, Mycol. Pap. 48: 29 (1952) / **Yosunal.**
Type species: *Dictyoarthrinium quadratum* S.Hughes, 1952.

****Dictyoarthrinium sacchari*** (J.A.Stev.) Damon, Bull. Torrey Bot. Club 80: 164 (1953) / **Şeker yosunal.**
Syn.: *Tetracoccosporium sacchari* J.A.Stev., In Johnston & Stevenson, J. Dept. Agr. Porto Rico 1(4): 225 (1917).
Host: *Anchusa azurea* Mill. var. *azurea*
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

Aspergillaceae Link, Abhandlungen der Königlichen Akademie der Wissenschaften zu Berlin 1824: 165 (1826) / **Küfgiller**.

Aspergillus P.Micheli ex Haller, Hist. Stirp. Helv. (Bernae) 3: 113 (1768) / **Asper**.
Type species: *Aspergillus glaucus* (L.) Link, 1809.
Syn.: *Aspergillus* P.Micheli, Nov. Pl. Gen. (Florentiae): 212, tab. 92 (1729), *Eurotium* Link, Mag.Gesell. Naturf. Freunde, Berlin 3(1-2): 31 (1809), *Cladaspergillus* Ritgen, Schr. Marb. Ges. 2: 89 (1831), *Sceptromyces* Corda, In Sturm, Deutschl. Fl., 3 Abt. (Pilze Deutschl.) 3(11): 7 (1831), *Rhodocephalus* Corda, Icon. Fung. (Prague) 1: 21 (1837), *Acmosporium* Corda, Icon. Fung. (Prague) 3: 11 (1839), *Emericella* Berk., Intr. Crypt. Bot. (London): 340 (1857), *Sterigmatocystis* C.E.Cramer, Vierteljahrsschr. Naturf. Ges. Zürich 4: 336 (1859), *Gutturomyces* Rivolta, Dei Parassiti Vegetali: 579 (1873), *Otomyces* Wreden,

(1874), *Basidiella* Cooke, Grevillea 6(no. 39): 118 (1878), *Alliospora* Pim,J. Bot., Lond. 21: 235 (1883), *Cleistosoma* Harkn., Bull. Calif. Acad. Sci. 1(no. 1): 41 (1884), *Theclospora* Harkn., Bull. Calif. Acad. Sci. 1(no. 1): 41 (1884), *Inzengaea* Borzí,Jb. Wiss. Bot. 16: 450 (1885), *Pyrobolus* Kuntze,Revis. Gen. Pl. (Leipzig) 2: 868 (1891), *Euaspergillus* F.Ludw., Lehrb. Niederen Kryptog. (Stuttgart): 258 (1892), *Stilbothamnium* Henn., Bot. Jb. 23(3): 542 (1897), *Aspergillopsis* Speg., Anal. Mus. Nac. B. Aires, ser. 3 13: 434 (1910) [1911], *Rhopalocystis* Grove, J.Econ. Biol. 6: 40 (1911), *Diplostephanus* Langeron, C.R. Hebd. Séanc. Mém. Soc. Biol. 87: 344 (1922), *Sartorya* Vuill., C.R. Hebd. Séanc. Acad. Sci., Paris 184: 136 (1927), *Redaellia* Cif., Arch. Protistenk. 71: 428 (1930), *Clistosoma* Clem. & Shear, Gen. Fung., Edn 2 (Minneapolis): 76 (1931), *Cladosarum* E.Yuill & J.L.Yuill, Trans. Br. Mycol. Soc. 22(1-2): 199 (1938), *Dichotomomyces* Saito,J. Ferment. Technol., Osaka 27(6): 120-122 (1949), *Royella* R.S.Dwivedi, Proc. Indian Sci. Cong. 47.3(6): 320 (1960), *Polypaecilum* G.Sm., Trans. Br. Mycol. Soc. 44(3): 437 (1961), *Dichotomomyces* Saito Ex D.B. Scott, Trans. Br. Mycol. Soc. 55(2): 313 (1970), *Chaetosartorya* Subram., Curr. Sci. 41(21): 761 (1972), *Edyuillia* Subram., Curr. Sci. 41(21): 756 (1972), *Gymnoeurotium* Malloch & Cain, Can. J. Bot. 50(12): 2619 (1973) [1972], *Harpezomyces* Malloch & Cain, Can. J. Bot. 50: 2619 (1973) [1972], *Petromyces* Malloch & Cain, Can. J. Bot. 50(12): 2623 (1973) [1972], *Sporophormis* Malloch & Cain, Can. J. Bot. 50: 2624 (1973) [1972], *Syncleistostroma* Subram., Curr. Sci. 41(21): 756 (1972), *Warcupiella* Subram., Curr. Sci. 41(21): 757 (1972), *Fennellia* B.J.Wiley & E.G.Simmons, Mycologia 65(4): 936 (1973), *Neosartorya* Malloch & Cain, Can. J. Bot. 50(12): 2620 (1973), *Hemisartorya* J.N.Rai & H.J.Chowdhery, Kavaka 3: 73 (1976) [1975], *Raperia* Subram&Rajendran, Kavaka 3: 133 (1976) [1975], *Saitoa* Rajendran & Muthappa, Proc. Indian Acad. Sci., Sect. B 89: 185 (1980), *Cristaspora* Fort & Guarro, Mycologia 76(6): 1115 (1984), *Phialosimplex* Sigler, Deanna A.Sutton, Gibas, Summerb. & Iwen, Medical Mycol. 48(2): 338 (2010).

Aspergillus fructus Jurjevic, S.W.Peterson & B.W.Horn, IMA Fungus 3(1): 70 (2012) / **Semere asper.**
Record: Özcan Ateş et al. (2023), (grape; Çanakkale).

Penicillium Link, Mag. Gesell. Naturf. Freunde, 3(1): 16 (1809) / **Penisilyum**.
Type species: *Penicillium expansum* Link 1809.
Syn.: *Coremium* Link, Mag. Gesell. Naturf. Freunde, Berlin 3(1-2): 19 (1809), *Floccaria* Grev.,Scott. Crypt. Fl. (Edinburgh) 6: 301 (1827), *Walzia* Sorokīn, Trudy Obshchestva Ispytateleĭ Prirody Pri Imperatorskom Khar'kovskom Universitê 3(3): 47 (1871), *Eupenicillium* F.Ludw., Lehrb. Niederen Kryptog. (Stuttgart): 256, 257, 263 (1892), *Citromyces* Wehmer, Ber. Dt. Bot. Ges. 11: 338 (1893), *Aspergilloides* Dierckx, (1901), *Pritzeliella* Henn., Hedwigia 42(Beibl.): (88) (1903), *Carpenteles* Langeron, C.R.Hebd. Séanc. Mém. Soc. Biol. 87: 344 (1922), *Torulomyces* Delitsch, In Lembke & Delitsch, Systematik Der Schimmelpilze, Neudamm: 91 (1943), *Eladia* G.Sm., Trans. Br. Mycol. Soc. 44(1): 47 (1961), *Thysanophora* W.B.Kendr., Can. J. Bot. 39: 820 (1961), *Hemicarpenteles* A.K.Sarbhoy & Elphick, Trans. Br. Mycol. Soc. 51(1): 155 (1968), *Chromocleista* Yaguchi & Udagawa, Trans. Mycol. Soc. Japan 34(1): 101 (1993), *Paratalaromyces* Matsush., Matsush. Mycol. Mem. 10: 111 (2003) [2001].

Penicillium fructuariae-cellae M.Lorenzini, G.Zapparoli & G.Perrone, in Lorenzini, Cappello, Perrone, Logrieco & Zapparoli, Phytopathol. Mediterr. 58(3): 713 (2019) / **Semer penisilyum.**
Record: Akgül and Kara (2022), (plant; Gaziantep).

Botryosphaeriaceae Theiss. & Syd. [as 'Botryosphaeriacae'], Annls Mycol. 16(1/2): 16 (1918) / **Meşesiğiligiller**.

Botryosphaeria Ces. & De Not., Comm. Soc. Crittog. Ital. 1(4): 211 (1863) / **Meşesiğili**.
Type species: *B. dothidea* (Moug.) Ces. & De Not.
Syn.: *Cryptosphaeria* Grev., Scott. Crypt. Fl. (Edinburgh) 1: 13 (1822), *Fusicoccum* Corda, In Sturm, Deutschl. Fl., 3 Abt. (Pilze Deutschl.) 2: 111 (1829), Gyratylium Preuss, Linnaea 26: 722 (1855) [1853], Macroplodia Westend., Bull. Acad. R. Sci. Belg., Cl. Sci., sér. 2 2(7): 562 (1857), *Stigmea* Bonord., Abh. Naturforsch. Ges. Halle 8: 79 (1864), *Thuemenia* Rehm,in Thümen, Mycoth. Univ., Cent. 10: no. 971 (in sched.) (1878), *Gibberidea* Fuckel,Jb. Nassau. Ver. Naturk. 23-24: 168 (1870) [1869-70], *Melanops* Nitschke ex Fuckel, Jb. Nassau. Ver. Naturk. 23-24: 225 (1870) [1869-70], *Diplodia* a Eudiplodia Sacc., Michelia 2(no. 6): 7 (1880), *Diplodia* b Botryodiplodia Sacc., Michelia 2(no. 6): 7 (1880), *Plowrightia* Sacc., Syll. Fung. (Abellini) 2: 635 (1883), *Phoma* subgen. *botryophoma* P.Karst., Hedwigia 23(4): 62 (1884), *P.* subgen. *macrophoma* Sacc., Syll. Fung. (Abellini) 3: 66 (1884), *Rosenscheldia* Speg., Anal. Soc. Cient. Argent. 19(6): 250 (1885), *Macrophoma* (Sacc.) Berl. & Voglino, Atti Soc. Veneto-Trent. Sci. Nat. 10(1): 172 (1886), *Dothiora* subgen. *metadothis* Sacc., Syll. Fung. (Abellini) 8: 766 (1889), *Metadothis* (Sacc.) Sacc., Syll. Fung. (Abellini) 10: 857 (1892), *Ophioceras* sect. *acerbia* Sacc., Syll. Fung. (Abellini) 11: 353 (1895), *Gibberinula* Kuntze, Revis.Gen. Pl. (Leipzig) 3(3): 481 (1898), *Acerbia* (Sacc.) Sacc. & P.Syd., Syll. Fung. (Abellini) 14(1): 619 (1899), *Coutinia* J.V.Almeida & Sousa Da Câmara, Revta Agron., Lisb. 1: 392 (1903), *Holcomyces* Lindau, Verh. Bot. Ver. Prov. Brandenb. 45: 155 (1904) [1905], *Phaeobotryosphaeria* Speg., Anal. Mus. Nac. B. Aires, ser. 3 17(10): 120 (1908), *Sclerodothiorella* Died., Krypt.-Fl. Brandenburg (Leipzig) 9(2): 299 (1912), *Elmerococcum* Theiss. & Syd., Annls Mycol. 13(3/4): 282 (1915), *Botryophoma* (P.Karst.) Höhn., Sber. Akad. Wiss. Wien, Math.-Naturw. Kl., Abt. 1 125(1-2): 72 (1916), *Epiphyma* Theiss., Verh. Kaiserl.-Königl. Zool.-Bot. Ges. Wien 66: 306 (1916), *Pyreniella* Theiss., Verh. Kaiserl.-Königl. Zool.-Bot. Ges. Wien 66: 371 (1916), *Leptodothiora* Höhn., Ber. Dt. Bot. Ges. 36(7): 311 (1918), *Desmotascus* F.Stevens, Bot. Gaz. 68(6): 476 (1919), *Keisslerina* Petr., Annls Mycol. 17(2/6): 74 (1920) [1919], *Creomelanops* Höhn., Sber. Akad. Wiss. Wien, Math.-Naturw. Kl., Abt. 1 129: 146 (1920), *Neosphaeropsis* Petr., Annls Mycol. 19(1/2): 67 (1921), Coleonaema Höhn., in Weese, Mitt. Bot. Inst. Tech. Hochsch. Wien 1(3): 95 (1924), *Macrophomopsis* Petr., Annls Mycol. 22(1/2): 108 (1924), *Botryosphaerostroma* Petr. & Syd., Beih. Reprium Nov. Spec. Regni Veg. 42(1): 126 (1927) [1926], *Naumovia* Dobrozr., Bolêz. Rast. 16(3-4): 197 (1928) [1927], *Rostrosphaeria* Tehon & E.Y. Daniels, Mycologia 19(3): 112 (1927), *Botrysphaeris* Clem. & Shear, Gen. Fung., Edn 2 (Minneapolis): 361 (1931), *Apomella* Syd., Annls Mycol. 35(1): 47 (1937), *Jaapia* Kirschst., Krypt. Fl. Brandenburg (Leipzig) 7(3): 444 (1938), *Catosphaeropsis* Tehon, Mycologia 31(5): 542 (1939), *Phomatosphaeropsis*

Ribaldi, Annali Sper. Agr., N.S. 7(3): 847 (1953), *Granulodiplodia* Zambett., Bull. Trimest. Soc. Mycol. Fr. 70(3): 330 (1955) [1954], *Caumadothis* Petr., Sydowia 24(1-6): 276 (1971) [1970], *Cylindroseptoria* Quaedvl., Verkley & Crous, Stud. Mycol. 75: 358 (2013), *Neocylindroseptoria* Thambug. & K.D.Hyde, in Thambugala, Ariyawansa, Li, Boonmee, Hongsanan, Tian, Singtripop, Bhat, *Camporesi*, Jayawardena, Liu, Xu, Chukeatirote & Hyde, Fungal Diversity 68: 125 (2014), *Neophaeocryptopus* Wanas., Camporesi, E.B.G.Jones & K.D. Hyde, in Li et al., Fungal Diversity 78, 21 (2016).

**** Botryosphaeria sarmentorum*** A.J.L.Phillips, A.Alves & J.Luque, Mycologia 97(2): 522 (2005) / **Kol meşesiğili.**
Host: *Vitis vinifera* L.
Record: Arslan and Erdoğdu (2022), (plant; Kırşehir).

Diplodia Fr., in Montagne, Annls Sci. Nat., Bot., sér. 2 1: 302 (1834) / **Kulakkızı**.
Type species: *Diplodia mutila* (Fr.) Mont.

****Diplodia bacchi*** Pass. & Thüm., Hedwigia 18: 121 (1879) / **Neşeli kulakkızı.**
Host: *Vitis vinifera* L.
Record: Arslan and Erdoğdu (2022), (plant; Kırşehir).

Lasiodiplodia Ellis & Everh., in Clendenin, Bot. Gaz. 21: 92 (1896) / **Muzkarası**.
Type species: *Lasiodiplodia tubericola* Ellis & Everh. 1896.
Syn.: *Combodia* Fr., Summa Veg. Scand., Sectio Post. 422 (1849), *Traversoa* Sacc., Syd. & P. Syd., Ann. Mycol. 11(4): 317 (1913), *Macrophomella* Died., Ann. Mycol. 14(1/2): 63 (1916), *Macrophomopsis* N.E.Stevens & Baechler, in Weedon, Mycologia 18(5): 222 (1926), *Lasiodiplodiella* Zambett., Bull. Trimest. Soc. Mycol. Fr. 70(3): 229 (1955), *Nemadiplodia* Zambett., Bull. Trimest. Soc. Mycol. Fr. 70(3): 227 (1955), *Striodiplodia* Zambett., Bull. Trimest. Soc. Mycol. Fr. 70(3): 334 (1955).

****Lasiodiplodia pseudotheobromae*** A.J.L.Phillips, A.Alves & Crous, Fungal Div. 28: 8 (2008) / **Boz muzkarası.**
Record: Akgül and Kara (2022), (plant; Gaziantep).

Microdiplodia Allesch., Rabenh. Krypt.-Fl., Edn 2, 1(7): 78 (1901) / **Odunçili**.
Type species: *Microdiplodia conigena* Allesch.
Syn.: *Syndiplodia* Peyronel, Mém. R. Accad. Sci. Torino, ser. 2 66(no. 10): 35 (1916), *Microbotryodiplodia* Sousa da Câmara, Agron. lusit. 13: 206 (1951).

****Microdiplodia uvicola*** (Speschnew) Tassi, Bulletin Labor. Orto Bot. de R. Univ. Siena 5: 38 (1902) / **Dip odunçili.**
Syn.: *Diplodia uvicola* Speschnew, Fungi Paras. Transcuic 5: 8 (1901).
Host: *Vitis vinifera* L.
Record: Arslan and Erdoğdu (2022), (plant; Kırşehir).

****Camarosporiaceae*** Wanas., Wijayaw., K.D.Hyde & Crous, in Wanasinghe, Hyde, Crous, Wijayawardene, Jeewon, Jones, Bhat, Phillips, Groenewald, Dayarathne, Phukhamsakda, Thambugala, Bulgakov, Camporesi, Gafforov, Mortimer & Karunarathna, Stud. Mycol. 87: 212 (2017) / **Kabakıtıkgiller.**

Camarosporium Schulzer, Verh. Kaiserl.-Königl. Zool.-Bot. Ges. Wien 20: 649 (1870) / **Kabakıtık**.
Type species: *Camarosproim quaternatum* (Hazsl.) Schulzer
Syn.: *Piringa* Speg., Anal. Mus. Nac. B. Aires, ser. 3 13: 378 (1910), *Sclerotheca* Bubák & Vleugel, Svensk Bot. Tidskr. 11: 314 (1917).

****Camarosporium ambiens*** (Cooke) Grove, British Stem- and Leaf-Fungi (Coelomycetes) (Cambridge) 2: 90 (1937) / **Şık kabakıtık.**
Syn.: *Hendersonia ambiens* Cooke, Grevillea 14(69): 5 (1885).
Host: *Vitis vinifera* L.
Record: Arslan and Erdoğdu (2022), (plant; Kırşehir).

Chaetomiaceae G.Winter, Rabenh. Krypt.-Fl., 2(1): 153 (1885) / **Günokugiller**.

Botryotrichum Sacc. & Marchal, in Marchal, Bull. Soc. R. Bot. Belg. 24(1): 66 (1885) / **Günoku**.
Type species: *Botryotrichum piluliferum* Sacc. & Marchal 1885.

****Botryotrichum atrogriseum*** J.F.H.Beyma, Verh. K. Akad. Wet., eerste sectie 26(2): 14 (1928) / **Al günoku.**
Host: *Rumex conglomeratus* Murray
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

Cladosporiaceae Chalm. & R.G.Archibald, Yearbook of Tropical Medicine and Hygiene: 25 (1915) / **Havaküfügiller**.

Cladosporium Link, Mag. Gesell. Naturf. Freunde, Berlin 7: 37 (1816) **/ Havaküfü.**
Type species: *Cladosporium herbarum* (Pers.) Link 1816.
Syn.: *Sporocladium* Chevall., Fl. Gén. Env. Paris (Paris) 1: 647 (1826), *Azosma* Corda, in Sturm, Deutschl. Fl., 3 Abt. (Pilze Deutschl.) 3(12): 35 (1831), *Mydonosporium* Corda, in Sturm, Deutschl. Fl., 3 Abt. (Pilze Deutschl.) 3(13): 95 (1833), *Myxocladium* Corda, Icon. Fung. (Prague) 1: 12 (1837), *Didymotrichum* Bonord., Handb. Allgem. Mykol. (Stuttgart): 89 (1851), *Hormodendrum* Bonord., Handb. Allgem. Mykol. (Stuttgart): 76 (1851), *Heterosporium* Klotzsch Ex Cooke, Grevillea 5(no. 35): 122 (1877), *Polyrhizium* Giard, Bull. Sci. France Belgique 20: 217 (1889), *Acrosporella* Riedl&Ershad, Sydowia 29(1-6): 166 (1977) [1976-1977], *Spadicesporium* V.N.Boriss. & Dvoïnos, Nov. Sist. Niz. Rast. 19: 35 (1982).

****Cladosporium fasciculare*** Fr., Syst. Mycol. (Lundae) 3(2): 370 (1832) / **Şerit havaküfü.**
Host: *Sanguisorba officinalis* L.
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

****Coniosporiaceae*** Nann., Repert. Mic. Uomo: 475 (1934) / **Bozrozetgiller.**

Coniosporium Link, Mag. Gesell. Naturf. Freunde, Berlin 3(1-2): 8 (1809) / **Bozrozet**.
Type species: *Coniosporium olivaceum* Link 1809.
Syn.: *Sirodesmium* De Not., Mém. R. Accad. Sci. Torino, Ser. 2 10: 348 (1849), *Bonordeniella* Penz & Sacc., Malpighia 15(7-9): 259 (1902).

****Coniosporium triticinum*** Gaja, Monogr. Calic.: 26 (1911) / **Üçlü bozrozet.**
Host: *Lysimachia vulgaris* L.
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

Coniothyriaceae W.B.Cooke, Revta Biol. 12: 289 (1983) / **Kolbenigiller**.

Coniothyrium Corda, Icon. Fung. 4: 38 (1840) / **Kolbeni**.
Type species: *Coniothyrium palmarum* Corda 1840.
Syn.: *Clisosporium* Fr., Novit. Fl. Svec. 5(cont.): 80 (1819), *Cyclobium* C.Agardh, Aphor. Bot. 81 (1821), *Monoplodia* Westend., Bull. Acad. R. Sci. Belg., Cl. Sci., sér. 2 7(5): 94 (1859), *Coniothyrinula* Petr., Ann. Mycol. 21(1/2): 2 (1923), *Dactuliochaeta* G.L.Hartm. & J.B.Sinclair, Mycologia 80(5): 697 (1988).

****Coniothyrium ferrarisianum*** Biga, Cif. & Bestagno, Sydowia 12(1-6): 297 (1959) / **Demir kolbeni.**
Syn.: *Coniothyrium olivaceum* var. *aceris* Ferraris, Malpighia 16: 24 (1902).
Record: Akgül and Kara (2022), (plant; Gaziantep).

Didymosphaeriaceae Munk, Dansk Bot. Ark. 15(2): 128 (1953) / **Karataburgiller.**

****Kalmusia*** Niessl, Verh. Nat. Ver. Brünn 10: 204 (1872) / **Karaçember.**
Type species: *Kalmusia ebuli* Niessl 1872.
Syn.: *Diapleella* Munk, Dansk Bot. Ark. 15(2): 74 (1953), *Dendrothyrium* Verkley, Göker & Stielow, in Verkley, Dukik, Renfurm, Göker & Stielow, Persoonia 32: 34 (2014).

****Kalmusia variispora*** (Verkley, Göker & Stielow) Ariyaw. & K.D.Hyde, in Ariyawansa, Tanaka, Thambugala, Phookamsak, Tian & Campo, Fungal Div. 68: 85 (2014). / **Ayrık karaçember.**
Syn.: *Dendrothyrium variisporum* Verkley, Göker & Stielow, in Verkley, Dukik, Renfurm, Göker & Stielow, Persoonia 32: 36 (2014).
Record: Akgül and Kara (2022), (plant; Gaziantep).

Didymosphaeria Fuckel, Jb. Nassau. Ver. Nat. 23-24: 140 (1870) / **Karatabur**.
Type species: *Didymosphaeria epidermidis* (Fr.) Fuckel.
Syn.: *Didymosphaerella* Cooke, Grevillea 18(no. 86): 29 (1889), *Didymascina* Höhn., Annls Mycol. 3(4): 331 (1905), *Didymosphaeria* subgen. *Cryptodidymosphaeria* Rehm, Annls Mycol. 4(3): 265 (1906), *Cryptodidymosphaeria* (Rehm) Höhn., Sber. Akad. Wiss. Wien, Math. -Naturw. Kl., Abt. 1 126(4-5): 360 (1917), *Haplovalsaria* Höhn., Sber. Akad. Wiss. Wien, Math. -Naturw. Kl., Abt. 1 128(7-8): 582 (1919), *Massariellops* Curzi, Atti Ist. Bot. R. Univ. Pavia, 3 sér. 3(3): 162 (1927).

****Didymosphaeria vitis*** Fabre, Annls Sci. Nat., Bot., sér. 6 9: 83 (1879) / **Asma karatabur.**
Syn.: *Microthelia vitis* (Fabre) Kuntze, Revis. Gen. Ll. 3(3): 498 (1898).
Host: *Vitis vinifera* L.
Record: Arslan and Erdoğdu (2022), (plant; Kırşehir).

Dothideaceae Chevall. [as 'Dothideae'], Fl. Gén. Env. Paris, 1: 446 (1826) / **Karagözegiller**.

Hadrotrichum Fuckel, Fungi Rhenani Exsic., Suppl., Fasc. 1 (1522) (1865). ***Scirrhia*** Nitschke ex Fuckel, Jb. Nassau. Ver. Naturk. 23-24: 220 (1870) / **Şirya**.
Type species: *S. rimosa* (Alb. & Schwein.) Fuckel 1870.
Syn.: *Hadrotrichum* Fuckel, Fungi Rhenani Exsic., Suppl., Fasc. 1: no. 1522 (1865), *Phyllachora* Nitschke ex Fuckel, Fungi Rhenani Exsic., Suppl., Fasc. 6(nos 2001-2100): no. 2056 (1867), *Monographos* Fuckel, Jb. Nassau. Ver. Naturk. 29-30: 24 (1875) [1877-78], *Microbasidium* Bubák & Ranoj., in Ranojević, Annls Mycol. 12(4): 415 (1914), *Phragmodothidea* Dearn & Barthol., Mycologia 18(5): 250 (1926), *Monographus* Clem & Shear, Gen. Fung., Edn 2 (Minneapolis): 295 (1931).

****Hadrotrichum sorghi*** (Pass.) Ferraris & Massa, in Ferraris & Massa, Ann. Mycol. 10(3): 297 (1912) / **Darı şirya.**
Syn.: *Fusicladium sorghi* Pass., in Rabenhorst, Fungi Europ. Exsicc.: no. 2264 (1876), *Microbasidium sorghi* (Pass.) Bubák & Ranoj. ex Ranoj., Annls Mycol. 12(4): 415 (1914).
Host: *Sorghum halepense* (L.) Pers. var. *halepense*
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

Drepanopezizaceae Baral, IMA Fungus 1(1): 16 (2019) / **Orakcilgiller**.

Diplocarpon F.A.Wolf, Bot. Gaz. 54: 231 (1912) / **Muşmulakarası**.
Type species: *Diplocarpon rosae* F.A.Wolf 1912.
Syn.: *Gloeosporium* Desm & Mont., Annls Sci. Nat., Bot., sér. 3 12: 295 (1849), *Gloeosporium* subgen. *gloeosporium* Desm & Mont., Annls Sci. Nat., Bot., sér. 3 12: 295 (1849), *Entomosporium* Lév., Bull. Soc. Bot. Fr. 3(1): 31 (1857) [1856], *Marssonia* J.C.Fisch., in Rabenhorst, Fungi Europ. Exsicc.: no. 1857 (1872), *Bostrichonema* Ces., Erb. Critt. Ital., ser. 1, Fasc. 2: no. 149 (1867), *Morthiera* Fuckel, Jb. Nassau. Ver. Naturk. 23-24: 382 (1870) [1869-70], *Marssonina* Magnus, Hedwigia 45: 89 (1906), *Entomopeziza* Kleb., Vortr. GesGeb. Bot., ser. 1 1: 33 (1914), *Saliastrum* Kujala, Memor. Soc. Fauna Flora Fenn. 22: 137 (1946).

****Diplocarpon alpestre*** (Ces.) Rossman, in Johnston, Seifert, Stone, Rossman & Marvanová, IMA Fungus 5(1): 99 (2014) / **Alp muşmulakarası.**
Syn.: *Bostrichonema alpestre* Ces., Erb. Critt. Ital., ser. 1, Fasc. 2 (149) (1867).
Host: *Polygonum amphibium* L.
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

Gloniaceae E.Boehm, C.L.Schoch & Spatafora, Mycol. Res. 113(4): 468 (2009) / **Mıcırgiller**.

Glonium Muhl. ex Fr., Syst. Mycol. 2(2): 595 (1823) / **Mıcır**.
Type species: *Glonium stellatum* Muhl. ex Fr.
Syn.: *Glonium* Muhl., Cat. Pl. Amer. Sept.: 101 (1813), *Solenarium* Spreng., Syst. Veg., Edn 16 4(1): 414 (1827), *Psiloglonium* Höhn., Annls Mycol. 16(1/2): 149 (1918).

****Glonium lineare*** (Fr.) De Not., G. Bot. Ital. 2(2): 27 (1847) / **Düz mıcır.**
Syn.: *Hysterium* lineare Fr., Syst. Mycol. 2(2): 583 (1823), *Solenarium* lineare (Fr.) Kuntze, Revis. Gen. Pl. (Leipzig) 3: 521 (1898), *Psiloglonium* lineare (Fr.) Petr., Annls Mycol. 21(3/4): 227 (1923).
Host: *Vitis vinifera* L.
Record: Arslan and Erdoğdu (2022), (plant; Kırşehir).

Gnomoniaceae G Winter [as 'Gnomonieae'], Rabenh. Krypt.-Fl., Edn 2, 1.2: 570 (1886) / **Hercaiemzikgiller**.

Plagiostoma Fuckel, Jb. Nassau. Ver. Nat. 23-24: 118 (1870) / **Ağaççökerten**.
Type species: *Plagiostoma euphorbiae* (Fuckel) Fuckel.
Syn.: *Phoma* Fr., Syst. Mycol. (Lundae) 1: lii (1821), *Diplodina* Westend., Bull. Acad. R. Sci. Belg., Cl. Sci., sér. 2 2(7): 562 (1857), *Diaporthe* sect. Chorostella Sacc., Syll. Fung. (Abellini) 1: 623 (1882), *Septomyxa* Sacc., Syll.

Fung. (Abellini) 3: 766 (1884), *Cytodiplospora* Oudem., Hedwigia 33: 19 (1894), *Fioriella* Sacc., Annls Mycol. 3(2): 168 (1905), *Chalcosphaeria* Höhn., Ber. Dt. Bot. Ges. 35(8): 636 (1917), *Plagiostomella* Höhn., Ber. Dt. Bot. Ges. 35(8): 635 (1917), *Cryptodiaporthe* Petr., Annls Mycol. 19(1/2): 118 (1921). *Diploplenodomopsis* Petr., Annls Mycol. 21(3/4): 208 (1923), *Diplosclerophoma* Petr., Annls Mycol. 21(3/4): 293 (1923), *Chorostella* (Sacc.) Clem & Shear, Gen. Fung., Edn 2 (Minneapolis): 68 (1931).

***Diplodina rosea** Brunaud, Act. Soc. Linn. Bordeaux 52: 146 (1897) / **Gül ağaççökerten.**
Syn.: *Diplodinula rosee* (Brunaud) Tassi, Bulletin Labor. Orto Bot. De R. Univ. Siena 5: 49 (1902).
Host: *Vitis vinifera* L.
Record: Arslan and Erdoğdu (2022), (plant; Kırşehir).

***Graphostromataceae** M.E.Barr, J.D.Rogers & Y.M.Ju, Mycotaxon 48: 533 (1993) / **Tespihkarasıgiller.**

***Biscogniauxia** Kuntze, Revis. Gen. Pl. 2: 398 (1891) / **Tesbihkarası**.
Type species: *Biscogniauxia nummularia* (Bull.) Kuntze, 1891.
Syn.: *Nummularia* Tul & C.Tul., Select. Fung. Carpol. 2: 42 (1863), *Kommamyce* Nieuwl., Am. Midl. Nat. 4: 375 (1916), *Albocrustum* Lloyd, Mycol. Writ. (Cincinnati) 7(Letter 75): 1353 (1925), *Numulariola* House, N.Y. St. Mus. Bull. 266: 49 (1925), *Nummulariella* Eckblad & Granmo, Norw. Jl Bot. 25(2): 9 (1978).

***Biscogniauxia mediterranea** (De Not.) Kuntze, Revis. Gen. Pl. 2: 398 (1891) / **Akdeniz tespihkarası.**
Syn.: *Sphaeria clypeus* Schwein., Schr. Naturf. Ges. Leipzig 1: 31 [5 of repr.] (1822), *S. mediterranea* Ettingsh., Micr. Ital., Dec. 6: 96 (1845), *S. sertata* Durieu & Mont., in Durieu, Expl. Sci. Alg., Fl. Algér. 1(livr. 12): 455 (1848), *S. mediterranea* De Not., Mém. R. Accad. Sci. Torino, ser. 2 13: 96 (1853), *Hypoxylon sertatum* (Durieu & Mont.) Mont., Syll. Gen. Sp. Crypt. (Paris): 214 (1856), *H. mediterraneum* (De Not.) Ces & De Not., Comm. Soc. Crittog. Ital. 1(fasc. 4): 202 (1863), *H. regium* De Not., Comm. Soc. Crittog. Ital. 1(fasc. 4): 15 (1863), *H. clypeus* (Schwein.) M.A.Curtis, Geol. Nat. Hist. Surv. N. Carol. 3: 140 (1867), *Nummularia repandoides* Fuckel, Jb. Nassau. Ver. Naturk. 23-24: 236 (1870), *Diatrype clypeus* (Schwein.) Berk., Grevillea 4(no. 31): 95 (1876), *Hypoxylon stigmateum* Cooke, Grevillea 7(no. 41): 4 (1878), *Nummularia mediterranea* (De Not.) Sacc., Syll. Fung. (Abellini) 1: 400 (1882), *N. regia* (De Not.) Sacc., Syll. Fung. (Abellini) 1: 400 (1882), *N. clypeus* (Schwein.) Cooke, Grevillea 12(no. 61): 6 (1883), *N. sertata* (Durieu & Mont.) Cooke, Grevillea 11(no. 60): 126 (1883), *Hypoxylon repandoides* (Fuckel) Bizz., Fl. Ven. Crittog. (Padova) 1: 2101 (1885), *Biscogniauxia clypeus* (Schwein.) Kuntze, Revis. Gen. Pl. (Leipzig) 2: 398 (1891), *B. regia* (De Not.) Kuntze, Revis. Gen. Pl. (Leipzig) 2: 398 (1891), *B. repandoides* (Fuckel) Kuntze [as 'repandodes'], Revis. Gen. Pl. (Leipzig) 2: 398 (1891), *Sphaerites mediterraneus* Mesch., Syll. Fung. (Abellini) 10: 761 (1892), *Engizostoma mediterraneum* (De Not.) Kuntze, Revis. Gen. Pl. (Leipzig) 3(3): 474 (1898), *Ceratostomataceae* (Florence) 1(1): 59 (1906), *Hypoxylon mediterraneum* var. *macrosporum* J.H.Mill., Monogr. World Spec. Hypoxylon: 118 (1961), *H. mediterraneum* var. *microsporum* J.H.Mill., Monogr. World Spec. Hypoxylon: 117 (1961), *Nummularia regia* var. *mediterranea* (De Not.) Traverso, Fl. Ital. Crypt., Pars 1: Fungi. Pyrenomycetae. *Xylariaceae*, Valsaceae, *Numulariola mediterranea* (De Not.) P.M.D.Martin, Jl S. Afr. Bot. 35: 312 (1969), *Biscogniauxia mediterranea* var. *macrospora* (J.H.Mill.) Y.M. Ju & J.D.Rogers, in Ju, Rogers, San Martín & Granmo, Mycotaxon 66: 42 (1998), *Biscogniauxia mediterranea* var. *microspora* (J.H.Mill.) Y.M.Ju & J.D.Rogers, in Ju, Rogers, San Martín & Granmo, Mycotaxon 66: 42 (1998).
Record: Akgül and Kara (2022), (plant; Gaziantep).

***Herpotrichiellaceae** Munk, Dansk Bot. Ark. 15(2): 131 (1953) / **Dalboğumlusugiller**.

***Rhinocladiella** Nannf., in Melin & Nannfeldt, Svensk Skogsvårdsförening Tidskr. 3-4: 461 (1934) / **Koyuküf**.
Type species: *Rhinocladiella atrovirens* Nannf.

***Rhinocladiella aquaspersa** (Borelli) Schell, McGinnis & Borelli, Mycotaxon 17: 343 (1983) / **Sucul koyuküf.**
Syn.: *Acrotheca aquaspersa* Borelli, Acta Cient. Venez. 23: 195 (1972).
Record: Acar et al. (2022), (inanimate materials-historically important artifacts; Teos Ancient City, Izmir).

***Leptosphaeriaceae** M.E.Barr, Mycotaxon 29: 503 (1987) / **Terskadehgiller**.

***Leptosphaeria** Ces. & De Not., Comm. Soc. Crittog. Ital. 1(4): 234 (1863) / **Terskadeh**.
Type species: *Leptosphaeria doliolum* (Pers.) Ces. & De Not.
Syn.: *Bilimbiospora* Auersw., in Rabenhorst, Fungi Europ., Edn 2: no. 261 (in Sched. Corr.) (1861), *Myriocarpium* Bonord., Abh. Naturforsch. Ges. Halle 8: 154 (1864), *Ampullina* Quél., Mém. Soc. Émul. Montbéliard, sér. 2 5: 523 (1875), *Ocellularia* sect. *phyllophthalmaria* Müll. Arg., Flora, Regensburg 66(22): 352 (1883), *Scleroderris subgen phaeoderris* Sacc., Syll. Fung. (Abellini) 8: 599 (1889), *Scoleciasis* Roum. & Fautrey, Revue Mycol., Toulouse 11(no. 44): 199 (1889), *Macrobasis* Starbäck, Bot. Notiser: 31 (1893), *Baumiella* Henn., in Warburg, Kunene-Sambesi-Exped., H. Baum, 1903 (Berlin): 165 (1903), *Phyllophthalmaria* (Müll. Arg.) Zahlbr., in Engler & Prantl, Nat. Pflanzenfam., Teil. I (Leipzig) 1(1): 120 (1905), *Phaeoderris* (Sacc.) Höhn., Öst. Bot. Z. 57(9): 322 (1907), *Dothideopsella* Höhn., Sber. Akad. Wiss. Wien, Math.-Naturw. Kl., Abt. 1 124: 70 (1915), *Sclerodothis* Höhn., Annls Mycol. 16(1/2): 69 (1918), *Leptosporopsis* Höhn., Sber. Akad. Wiss. Wien, Math.-Naturw. Kl., Abt. 1 129: 174 (1920), *Exilispora* Tehon & E.Y.Daniels, Mycologia 19(3): 112 (1927), *Dendroleptosphaeria* Sousa da Câmara, Revta Agron., Lisb. 20: 24 (1932), *Humboldtina* Chardón&Toro, Monograph Univ. Puerto Rico, Series B 2: 182 (1934), *Mycotodea* Kirschst., Annls Mycol. 34(3): 201 (1936), *Bricookea* M.E.Barr, Mycotaxon 15: 346 (1982).

***Leptosphaeria viticola** Fautrey & Roum., Revue Mycol. 14(53): 6 (1892) / **Asma terskadeh.**
Host: *Vitis vinifera* L.
Record: Arslan and Erdoğdu (2022), (plant; Kırşehir).

***Leptosphaeria vitigena** Sacc., Syll. Fung. 2: 29 (1883) / **Sapan terskadeh.**
Host: *Vitis vinifera* L.
Record: Arslan and Erdoğdu (2022), (plant; Kırşehir).

***Lophiostomataceae** Luerss., Handbuch der Syst. Bot. Mit

Besonderer Berücksichtigung der Arzneipflanzen 1: 154 (1879) / **Karakümbetgiller**.

Lophiotrema Sacc., Michelia 1(3): 338 (1878). / **Lofotrem.** (Güncel isim: ***Lophiostoma*** Ces. & De Not., Comm. Soc. Crittog. Ital. 1(4): 219 (1863). / **Karakümbet**.
Type species: *Lophiotrema nucula* (Fr.) Sacc.

****Lophiotrema rubi*** (Fuckel) Y.Zhang ter, C.L.Schoch & K.D.Hyde, in Zhang, Schoch, Fournier, Crous, Gruyter, Woudenberg, Hirayama, Tanaka, Pointing, Spatafora & Hyde, Stud. Mycol. 64: 97 (2009). / **Dal karakümbet.**
Syn.: *Massaria rubi* Fuckel, Jb. Nassau. Ver. Naturk. 25-26: 303 (1871), *Lophiotrema emergens* P. Karst., Hedwigia 22: 42 (1883), *Massarina rubi* (Fuckel) Sacc., Syll. Fung. (Abellini) 2: 155 (1883), *Didymellina rhaphithamni* Keissl., in Skottsberg, Nat. Hist. Juan Fernandez Easter Isl. 2: 480 (1927), *Mycosphaerella rhaphithamni* (Keissl.) Petr., Annls Mycol. 38(2/4): 221 (1940), *Massarina emergens* (P. Karst.) L. Holm, Les Pleosporaceae: 149 (1957), *Lophiostoma rubi* (Fuckel) E.C.Y. Liew, Aptroot & K.D. Hyde, Mycologia 94(5): 812 (2002).
Record: Acar et al. (2022), (inanimate materials-historically important artifacts; Teos Ancient City, Izmir).

Sigarispora Thambug. & K.D.Hyde, in Thambugala et al., Fungal Div. 74: 238 (2015) / **Katıspor.**
Type species: *Sigarisproa ravennica* (Tibpromma, Camporesi & K.D.Hyde) Thambugala & K.D.Hyde.

Sigarispora arundinis (Pers.) Thambug., Qing Tian, Kaz. Tanaka & K.D.Hyde, in Thambugala et al., Fungal Div. 74: 240 (2015) / **Al katıspor.**
Syn.: *Sphaeria cristata* ß arundinis Pers., Syn. Meth. Fung. (Göttingen) 1: 54 (1801), *Lophium arundinis* (Pers.) Fr., K. Svenska Vetensk-Akad. Handl., Ser. 3 40: 115 (1819), *Sphaeria arundinis* (Pers.) Fr., in Kunze & Schmidt, Mykologische Hefte (Leipzig) 2: 55 (1823), *Lophiostoma arundinis* (Pers.) Ces&De Not., Comm. Soc. Crittog. Ital. 1(fasc. 4): 220 (1863), *Platysphaera arundinis* (Pers.) Trevis., Bull. Soc. R. Bot. Belg. 16: 17 (1877), *Navicella arundinis* (Pers.) Kuntze, Revis. Gen. Pl. (Leipzig) 3(3): 500 (1898).
Record: Acar et al. (2022), (inanimate materials-historically important artifacts; Teos Ancient City, Izmir).

Sigarispora caulium (Fr.) Thambug., Wanas., Kaz. Tanaka & K.D.Hyde, Fungal Div. 74: 238 (2015) / **File katıspor.**
Syn.: *Lophium herbarum* Fr., K.Svenska Vetensk-Akad. Handl., ser. 3 40: 114 (1819), *Sphaeria caulium* Fr., Syst. Mycol. (Lundae) 2(2): 509 (1823), *S. insidiosa* Desm., Annls Sci. Nat., Bot., sér. 2 15: 144 (1841), *Hendersonia insidiosa* Desm., Annls Sci. Nat., Bot., sér. 3 20: 223 (1853), *Lophiostoma caulium* (Fr.) Ces&De Not., Comm. Soc. Crittog. Ital. 1(4): 219 (1863), *L. insidiosum* (Desm.) Ces&De Not., Comm. Soc. Crittog. Ital. 1(fasc. 4): 220 (1863), *Lophium caulium* (Fr.) P. Crouan&H. Crouan, Florule Finistère (Paris): 29 (1867), *Leptosphaeria sambuci* Sacc., Atti Soc. Veneto-Trent. Sci. Nat. 2(1): 104 (1873), *Lophiostoma bicuspidatum subsp. simillimum* P. Karst., Bidr. Känn. Finl. Nat. Folk 23: 84 (1873), *Ampullina caulium* (Fr.) Quél., Mém. Soc. Émul. Montbéliard, sér. 2 5: 525 (1875), *Lophiostoma niesslianum* Sacc. [as 'niessleanum'], Hedwigia 14: 71 (1875), *L. simillimum* (P. Karst.) Sacc., Hedwigia 14: 72 (1875), *Platysphaera caulium* (Fr.) Trevis., Bull. Soc. R. Bot. Belg. 16: 17 (1877), *Mytilostoma simillimum* (P. Karst.) P. Karst., Meddn Soc. Fauna Flora Fenn. 5: 50 (1879), *Lophiostoma insidiosum subsp. gramineum* Sacc., Michelia 1(no. 5): 543 (1879), *L. appendiculatum* sensu Niessl; Fide Saccardo (Syll. fung. 2: 703. 1883), *L. gramineum* (Sacc.) Sacc., Syll. Fung. (Abellini) 2: 704 (1883), *Stagonospora insidiosa* (Desm.) Sacc., Syll. Fung. (Abellini) 3: 452 (1884), *Lophiostoma congregatum* Harkn., Bull. Calif. Acad. Sci. 1(no. 1): 47 (1884), *Navicella caulium* (Fr.) Kuntze, Revis. Gen. Pl. (Leipzig) 3(3): 500 (1898), *N. insidiosa* (Desm.) Kuntze, Revis. Gen. Pl. (Leipzig) 3(3): 500 (1898), *N. simillima* (P. Karst.) Kuntze, Revis. Gen. Pl. (Leipzig) 3(3): 500 (1898), *N. niessliana* (Sacc.) Kuntze, Revis. Gen. Pl. (Leipzig) 3(3): 500 (1898), *N. graminea* (Sacc.) Kuntze, Revis. Gen. Pl. (Leipzig) 3(3): 500 (1898), *N. congregata* (Harkn.) Kuntze, Revis. Gen. Pl. (Leipzig) 3(3): 500 (1898), *Lophiostoma insidiosum* var. *sessile* Rehm, Hedwigia 40(Beibl.): (104) (1901), *L. insidiosum* var. *artemisiae* Rehm, in Sydow, Mycotheca Germanica 8-9: no. 387 (1905), *L. caulium* var. *alpincola* Rehm, Annls Mycol. 9(1): 108 (1911), *L. insidiosum* var. *prodanii* M.Bechet, Contr. Bot., Univ. Cluj-Napoca, Grăd. Bot.: 85 (1961), *L. caulium* var. *congregatum* (Harkn.) Chesters & A.E. Bell, Mycol. Pap. 120: 43 (1970), *Nodulosphaeria asteris-alpini* (Gonz. Frag.) Checa, Mycotaxon 63: 485 (1997), *Sigarispora caulium* (Fr.) Thambug.,Qing Tian, Kaz.Tanaka&K.D.Hyde, in Thambugala et al., Fungal Diver, 74: 238 (2015).
Host: *Vitis vinifera* L.
Record: Arslan and Erdoğdu (2022), (plant; Kırşehir).

Melanommataceae G.Winter [as 'Melanommeae'], Rabenh. Krypt.-Fl., Edn 2 (Leipzig) 1.2: 220 (1885). / **Melanobagiller**.

Aposphaeria Sacc., Michelia 2(6): 4 (1880). / **Dalçıbanı**.
Type species: *Aposphaeria pulviscula* (Sacc.) Sacc. 1880.

****Aposphaeria minutula*** (Peck) Sacc., Syll. Fung. 3: 176 (1884) / **Küçük dalçıbanı**.
Host: *Vitis vinifera* L.
Record: Arslan and Erdoğdu (2022), (plant; Kırşehir).

Mycocaliciaceae A.F.W.Schmidt, Mitt. Staatsinst. Allg. Bot. 13: 127 (1970) / **Yakatutangiller**.

Mycocalicium Vain., Acta Soc. Fauna Flora Fenn. 7(2): 182 (1890) / **Yakatutan**.
Type species: *Mycocalicium parietinum* (Ach.) Vain.
Syn.: *Sphinctrinella* Nádv., Annls Mycol. 40(1/2): 138 (1942).

****Mycocalicium victoriae*** (C.Knight ex F.Wilson) Nádv., Annls Mycol. 40(1/2): 138 (1942) / **Al yakatutan.**
Record: Acar et al. (2022), (inanimate materials-historically important artifacts; Teos Ancient City, Izmir).

Mycosphaerellaceae Lindau, Nat. Pflanzenfam. Teil. I, 1(1): 421 (1897) / **Yaprakdamgasigiller**.

Cercospora Fresen. ex Fuckel, Hedwigia 2(15): 133 (1863) / **Noktayaprak**.
Type species: *Cercospora apii* Fresen. 1863. (www.mycobank.org). (There is no information about the type species in www.indexfungorum.org).
Syn.: *Virgasporium* Cooke, Grevillea 3(28): 182 (1875), *Cercosporina* Speg., Anal. Mus. Nac. B. Aires, Ser. 3 13: 424 (1910).

Cercospora medicaginis Ellis & Everh., Proc. Acad. Nat. Sci. Philad. 43(1): 91 (1891) / **Kar noktayaprak.**
Host: *Medicago sativa* L. subsp. *sativa*
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

Ramularia Unger, Exanth. Pflanzen (Wien): 119 (1832) / **Artan**.
Type species: *Ramularia pusilla* Unger 1833.
Syn.: *Ascospora* Fr., Syst. Orb. Veg. (Lundae): 112 (1825), *Didymaria* Corda, Icon. Fung. (Prague) 5: 9 (1842), *Sphaeria d Sphaerella* Fr., Summa Veg. Scand., Sectio Post. (Stockholm): 395 (1849), *Gomphinaria* Preuss, Linnaea 24: 130 (1851), *Tapeinosporium* Bonord., Bot. Ztg. 11: 285 (1853), *Sphaerella* (Fr.) Rabenh., Klotzschii Herb. Viv. Mycol., Edn Nov, Ser. Sec., Cent. 3: no. 264 (in sched.) (1856), *Acrotheca* Fuckel,Jb.Nassau. Ver. Naturk. 15: 42 (1860), *Phacellium* Bonord., in Rabenhorst, Fungi Europ. Exsicc. Klotzschii Herbarii Vivi Mycologici Continuatio, Edn nova. Series Secunda, Cent. 3: No. 288 (1860), *Isariopsis* Fresen., Beitr. Mykol. 3: 87 (1863), *Sphaerella* Ces. & De Not., Comm. Soc. Crittog. Ital. 1(fasc. 4): 236 (1863), *Ovularia* Sacc., Michelia 2(no. 6): 17 (1880), *Ramularia* Sacc., Michelia 2(no. 6): 20 (1880), *Septocylindrium* Bonord. Ex Sacc., Michelia 2(no. 6): 15 (1880), *Ophiocladium* Cavara, Z. PflKrankh. 3: 26 (1893), *Hypomycopsis* Henn., Hedwigia 43(2): 86 (1904), *Haplodothis* Höhn., Sber. Akad. Wiss. Wien, Math. -Naturw. Kl., Abt. 1 120: 423 (1911), *Pseudovularia* Speg., Anal. Mus. Nac. B. Aires, Ser. 3 13: 418 (1910) [1911], *Cyclodothis* Syd. & P. Syd., in Sydow & Sydow, Annls Mycol. 11(3): 266 (1913), *Oligostroma* Syd. & P. Syd., Annls Mycol. 12(3): 265 (1914), *Oligostroma* Syd. & P. Syd., Annls Mycol. 12(3): 265 (1914), *Scirrhiachora* Theiss. & Syd., Annls Mycol. 13(5/6): 626 (1915), *Cercosphaerella* Kleb., Haupt- und Nebenfruchtformen der Ascomyzeten (Leipzig) 1: 132 (1918), *Didymellina* Höhn., Annls Mycol. 16(1/2): 66 (1918), *Ramularisphaerella* Kleb., Haupt- und Nebenfruchtformen der Ascomyzeten (Leipzig) 1: 131 (1918), *Septorisphaerella* Kleb., Haupt- und Nebenfruchtformen der Ascomyzeten (Leipzig) 1: 131 (1918), *Septosphaerella* Laib., Centbl. Bakt. ParasitKde, Abt. II 53(22/24): 559 (1921), *Ramosphaerella* Laib., Centbl. Bakt. ParasitKde, Abt. II 53(22/24): 559 (1921), *Isariopsella* Höhn., in Weese, Mitt. Bot. Inst. Tech. Hochsch. Wien 6(2): 68 (1929), *Plectosphaerella* Kirschst., Krypt. -Fl. Brandenburg (Leipzig) 7(3): 310 (1938), *Plectosphaerina* Kirschst., Annls Mycol. 36(5/6): 368 (1938), *Phragmogloeum* Petr., Sydowia 8(1-6): 158 (1954), *Eruptio* M.E.Barr, Mycotaxon 60: 437 (1996).

Ramularia armoraciae Fuckel, Jb. Nassau. Ver. Naturk. 23-24: 361 (1870) / **Zırh artan.**
Syn.: *Ovularia armoraciae* (Fuckel) Massee, Brit. Fung. -Fl. (London) 3: 321 (1893), *Cylindrosporium armoraciae* (Fuckel) J. Schröt. [as 'Cylindrospora'], in Cohn, Krypt. -Fl. Schlesien (Breslau) 3.2(4): 485 (1897), *Entylomella armoraciae* (Fuckel) Cif., Annls Mycol. 26(1/2): 17 (1928).
Host: *Raphanus raphanistrum* subsp. *raphanistrum* L.
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

Ramularia menthicola Sacc., Syll. Fung. 4: 213 (1886) / **Kokulu artan.**
Syn.: *Ramularia menthae* Sacc., Fungi Italica Autogr. Del. 17-28: tab. 991 (1881).
Host: *Mentha longifolia* (L.) L. subsp. *typhoides* (Briq.) Harley
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

Ramularia ovata Fuckel, Jb. nassau. Ver. Naturk. 23-24: 362 (1870) / **Yuvarlak artan.**
Syn.: *Ovularia ovata* (Fuckel) Sacc., Fungi Iital. Autogr. Del. 17-28: tab. 980 (1881), *Neoovularia ovata* (Fuckel) U.Braun, Nova Hedwigia 54(3-4): 474 (1992).
Host: *Tanacetum balsamitoides* Sch. Bip.
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

Ramularia rubella (Bonord.) Nannf., in Lundell & Nannfeldt, Fungi Exsiccati Suecici, Fascicle XXIX-XL 39-40: 33 (1950) / **Kırmızı artan.**
Syn.: *Crocysporium rubellum* Bonord., Bot. Ztg. 19: 201 (1861), *Ramularia obovata* Fuckel, Jb. Nassau. Ver. Naturk. 23-24: 103 (1870), *Oidium rubellum* (Bonord.) Sacc. & Voglino, Syll. Fung. 4: 46 (1886), *Ovularia rubella* (Bonord.) Sacc., Syll. Fung. 4: 145 (1886), *O. obovata* (Fuckel) Sacc., Michelia 2(6): 17 (1880).
Host: *Falcaria vulgaris Bernh.*
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

Mytilinidiaceae Kirschst. [as 'Mytilidiaceae'], Verh. Bot. Ver. Prov. Brandenb. 66: 28 (1924) / **Karaçıkangiller**.

Taeniolella S.Hughes, Can. J. Bot. 36: 816 (1958) / **Karaçıkan**.
Type species: *Taeniolella exilis* (P.Karst.) S.Hughes 1958.

Taeniolella plantaginis (Corda) S.Hughes, Can. J. Bot. 36: 817 (1958) / **Ot karaçıkan.**
Syn.: *Gyrocerus plantaginis* (Corda) Sacc., Syll. Fung. 4: 267 (1886), *Torula plantaginis* Corda, Icon. Fung. 3: 5 (1839), *Helicoceras plantaginis* (Corda) Linder, Ann. Mo. Bot. Gdn 18: 5 (1931).
Host: *Bellevalia paradoxa* (Fisch. & C.A. Mey.) Boiss., Anchusa azurea Mill. var. *azurea*
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

Phyllostictaceae Fr. [as 'Phyllostictei'], Summa Veg. Scand., Sectio Post. 420 (1849) / **Yaprakkörügiller**.

Phyllosticta Pers., Traité Champ. Comest. 55, 147 (1818) / **Yaprakkörü**.
Type species: *Phyllosticta convallariae* Pers.
Syn.: *Phyllosphaera* Dumort., Comment. Bot. (Tournay): 86 (1822), *Myriocarpa* Fuckel, Jb. Nassau. Ver. Naturk. 23-24: 116 (1870), *Greeneria* Scribn & Viala, C. r. Hebd. Séanc. Acad. Sci., Paris 105: 473 (1887), *Guignardia* Viala & Ravaz, Bull. Soc. Mycol. Fr. 8(2): 63 (1892), *Frankiella* Speschnew, Arb. Tiflis Bot. Gard. 5: 11 (1900), *Pampolysporium* Magnus, Verh. Kaiserl. -Königl. Zool.-Bot. Ges. Wien 50: 444 (1900), *Polysporidium* Syd&P. Syd., Annls Mycol. 6(6): 528 (1908), *Montagnellina* Höhn., Sber. Akad. Wiss. Wien, Math. -Naturw. Kl., Abt. 1 121: 387 (1912), *Phyllostictina* Syd & P.Syd., in Sydow, Sydow & Butler, Annls Mycol. 14(3/4): 185 (1916), *Sarcophoma* Höhn., Sber. Akad. Wiss. Wien, Math. -Naturw. Kl., Abt. 1 125(1-2): 75 (1916), *Discochora* Höhn., Ber. Dt. Bot. Ges. 36(7): 315 (1918), *Laestadiella* Höhn., Annls Mycol. 16(1/2): 50 (1918), *Leptophacidium* Höhn., Sber. Akad. Wiss. Wien, Math. -Naturw. Kl., Abt. 1 127(4-5): 331 (1918), *Mesonella* Petr&Syd., Annls Mycol. 22(3/6): 367 (1924), *Macrophyllosticta* Sousa da Câmara, Anais Inst. Sup. Agron. Univ. Téc. Lisboa 3: 36 (1929), *Columnosphaeria* Munk, Dansk Bot. Ark. 15(no. 2): 103 (1953), *Caudophoma* B.V.Patil & Thirum., Sydowia 20: 36 (1968).

Phyllosticta viticola Thüm., Die Pilze des Weinstockes, 188 (1878) / **Asma yaprakörü.**
Host: *Vitis vinifera* L.
Record: Arslan and Erdoğdu (2022), (plant; Kırşehir).

Pleosporaceae Nitschke, Verh. Naturh. Ver. Preuss. Rheinl. 26: 74 (1869) / **Gömükömürgiller**.

Alternaria Nees, Syst. Pilze (Würzburg): 72 (1816) / **Arıküfü.**
Type species: *Alternaria tenuis* Nees 1816.
Syn.: *Elosia* Pers., Mycol. Eur. (Erlanga) 1: 12 (1822), *Macrosporium* Fr., Syst. Mycol. (Lundae) 3(2): 340, 373 (1832), *Rhopalidium* Mont., Annls Sci. Nat., Bot., sér. 2 6: 30 (1836), *Brachycladium* Corda, Icon. Fung. (Prague) 2: 14 (1838), *Ulocladium* Preuss, Linnaea 24: 111 (1851), *Stemphylium subgen pseudostemphylium* Wiltshire, Trans. Br. Mycol. Soc. 21(3-4): 223 (1938) [1937], *Prathoda* Subram., J. Indian Bot. Soc. 35: 73 (1956), *Pseudostemphylium* (Wiltshire) Subram., Curr. Sci. 30: 423 (1961), *Chmelia* Svob. -Pol., Biológia, Bratislava 21: 82 (1966), *Embellisia* E.G.Simmons, Mycologia 63(2): 380 (1971), *Trichoconiella* B.L. Jain, Kavaka 3: 39 (1976) [1975], *Botryomyces* de Hoog & C. Rubio, Sabouraudia 20: 19 (1982), *Lewia* M.E. Barr & E.G. Simmons, in Simmons, Mycotaxon 25(1): 289 (1986), *Ybotromyces* Rulamort, Bull. Soc. Bot. Centre-Ouest, Nouv. Sér. 17(2): 192 (1986), *Nimbya* E.G.Simmons, Sydowia 41: 316 (1989), *Allewia* E.G.Simmons, Mycotaxon 38: 260 (1990), *Crivellia* Shoemaker & Inderb., in Inderbitzin, Shoemaker, O'Neill, Turgeon & Berbee, Can. J. Bot. 84(8): 1308 (2006), *Undifilum* B.M.Pryor, Creamer, Shoemaker, McLain-Romero & Hambl., Botany 87(2): 190 (2009), *Pseudoalternaria* D.P.Lawr., Gannibal, Dugan & B.M.Pryor, Mycol. Progr. 13(2): 272 (2013).

Alternaria chartarum Preuss, Linnaea 24: 107 (1851) / **Toz arıküfü.**
Syn.: *Sporidesmium polymorphum* var. *chartarum* (Preuss) Cooke, Fungi Brit. Exs., ser. 2: no. 329 (1875), *Alternaria stemphylioides* Bliss, Mycologia 36(5): 538 (1944), *Ulocladium chartarum* (Preuss) E.G. Simmons, Mycologia 59(1): 88 (1967).
Host: *Equisetum arvense* L., *Calamagrostis epigeios* (L.) Roth
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

Alternaria consortialis (Thüm.) J.W.Groves & S.Hughes [as 'consortiale'], in Hughes, Can. J. Bot. 31: 636 (1953) / **Koca arıküfü.**
Syn.: *Macrosporium consortiale* Thüm., Herb. Myc. Oeconom., Fasc. 9: no. 450 (1876), *Stemphylium ilicis* Tengwall, Meded. Phytopath. Labor. Willie Commelin Scholten Baarn 6: 44 (1924), *S. congestum* var. *minor* Ruehle, Mycologia 22(6): 308 (1930), *S. consortiale* (Thüm.) J.W.Groves & Skolko, Canadian Journal of Research, Section C: 196 (1944), *S. consortiale* var. *minor* (Ruehle) Neerg., Danish species of Alternaria & Stemphylium: 323 (1945), *S. ilicis* var. *minor* (Ruehle) Neerg., Danish species of Alternaria & Stemphylium: 323 (1945)*Pseudostemphylium consortiale* (Thüm.) Subram., Curr. Sci. 30: 423 (1961), *Alternaria consortialis* var. *levis* Gambogi, Ann. Ist. Super. Forest. Naz. Firenze 18: 834 (1966), *Ulocladium consortiale* (Thüm.) E.G.Simmons, Mycologia 59(1): 84 (1967).
Host: *Tanacetum balsamitoides* Sch. Bip., *Dactylis glomerata* L. subsp. *glomerata, Ranunculus flammula* L.
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

Alternaria herbiphorbicola E.G.Simmons, CBS Diversity Ser. 6: 608 (2007) / **İkiz arıküfü.**
Host: *Cirsium haussknechtii* Boiss., *Dipsacus laciniatu* L., *Silene vulgaris* (Moench) Garcke var. *vulgaris, Nepeta nuda* subsp. *albiflora* (Boiss.) Gams
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

Alternaria hispidula Ellis, Bull. Torrey Bot. Club 10(5): 52 (1883) / **Diken arıküfü.**
Host: *Artemisia absinthium* L., *Euphorbia cheiradenia* Boiss. & Hohen., *Medicago sativa* L. subsp. *sativa, Hypericum perforatum* L. subsp. *veronense* (Schrank) H.Linb., *Rumex crispus* L.
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

Alternaria lanuginosa (Harz) Sacc., Syll. Fung. 4: 546 (1886) / **Tüylü arıküfü.**
Syn.: *Stemphylium lanuginosum* Harz, Bull. Soc. Imp. Nat. Moscou 44(1): 132 (1871), *Pseudostemphylium lanuginosum* (Harz) Subram., Curr. Sci. 30: 423 (1961), *Ulocladium lanuginosum* (Harz) E.G.Simmons, Mycologia 59(1): 80 (1967).
Host: *Eryngium campestre* L. var. *virens* Link, *Cichorium intybus* L., *Scorzonera veratrifolia* Fenzl, *Plantago lanceolata* L.
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

Alternaria loliicola Meng Zhang, Mycosystema 25(4): [521] (2006) / **Kal arıküfü.**
Host: *Lolium perenne* L.
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

Alternaria microspora (Moub & Abdel-Hafez) Gannibal & D.P.Lawr., Mycotaxon 133(2): 295 (2018) / **Küçük arıküfü.**
Syn.: *Ulocladium microsporum* Moub&Abdel-Hafez, Trans. Br. Mycol. Soc. 69(1): 164 (1977).
Host: *Inula britannica* L.
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

Alternaria multiformis (E.G.Simmons) Woudenb. & Crous, Stud. Mycol. 75(1): 204 (2013). / **Çoklu arıküfü.**
Syn.: *Ulocladium multiforme* E.G.Simmons, Can. J. Bot. 76(9): 1537 (1999).
Host: *Inula britannica* L.
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

Alternaria obovoidea (E.G.Simmons) Woudenb. & Crous, Stud. Mycol. 75(1): 204 (2013) / **Yan arıküfü.**
Syn.: *Ulocladium obovoideum* E.G.Simmons, Mycotaxon 37: 104 (1990).
Host: *Rumex conglomeratus* Murray
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

Alternaria oudemansii (E.G.Simmons) Woudenb. & Crous, Stud. Mycol. 75(1): 206 (2013) / **Sıkı arıküfü.**
Syn.: *Ulocladium oudemansii* E.G.Simmons, Mycologia 59(1): 86 (1967).
Host: *Carex distans* L. subsp. *distans*
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

Alternaria septospora (Preuss) Woudenb. & Crous, Stud. Mycol. 75(1): 201 (2013) / **Bölmeli arıküfü.**
Syn.: *Helminthosporium septosporum* Preuss, Linnaea 24: 117 (1851), *Macrosporium septosporum* (Preuss) Rabenh., Bot. Ztg. 9(25): 454 (1851), *Ulocladium septosporum* (Preuss) E.G.Simmons, Mycologia 59(1): 87 (1967).

Host: *Chenopodium album* L. subsp. *album* var. *album*, *Anchusa azurea* Mill. var. *azurea*, *Nepeta nuda* subsp. *albiflora* (Boiss.) Gams. *Alcea striata* (DC.) Alef. subsp. *striata*.
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

Macrosporium malvae Thüm., Ber. Bot. Ver. Landshut 7: 178 (1879) / **Ebe arıküfü.** (*Macrosporium* is the synonym of *Alternaria*).
Host: *Alcea striata* (DC.) Alef. subsp. *striata*
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

Curvularia Boedijn, Bull. Jard. Bot. Buitenz, 3 Sér. 13(1): 123 (1933) / **Eğikspor**.
Type species: *C. lunata* (Wakker) (1933).

Curvularia trifolii (Kauffman) Boedijn, Bull. Jard. bot. Buitenz, 3 Sér. 13(1): 128 (1933) / **Tez eğikspor.**
Syn.: *Brachysporium trifolii* Kauffman, in Bonar, Phytopathol. 10: 441 (1920).
Host: *Sanguisorba officinalis* L.
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

Stemphylium Wallr., Fl. Crypt. Germ. 2: 300 (1833) / **Durusefil**.
Type species: *S. botryosum* Wallr. (1833).
Syn.: *Scutisporium* Preuss, Linnaea 24: 112 (1851), *Epochniella* Sacc., Michelia 2(no. 6): 127 (1880), *Fusicladiopsis* Maire, Bull. Soc. Bot. Fr. 53: CLXXXVI (1907) [1906], *Thyrodochium* Werderm., in Sydow&Werdermann, Annls Mycol. 22(1/2): 188 (1924), *Thyrospora* Tehon & E.Y. Daniels, Phytopathology 15: 718 (1925), *Soreymatosporium* Sousa da Câmara, Proposta Stemphylium: 18 (1930).

Stemphylium pyriforme Bonord. [as 'piriforme'], Handb. Allgem. Mykol. 83 (1851) / **Armut durusefil.**
Host: *Echinops spinosissimus* Turra subsp. *bithynicus* (Boiss.) Greuter., *Inula britannica* L., *Epilobium hirsutum* L.
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

Rhytismataceae Chevall. [as 'Rhytismaceae'], Fl. Gén. Env. 1: 439 (1826) / **Akçadövmegiller**.

Leptostroma Fr., Observ. Mycol. 1: 196 (1815) / **Karaiz.**
Type species: *Leptostroma scirpinum* Fr.

Hypohelion P.R.Johnst., Mycotaxon 39: 221 (1990) / **Karaiz**.
Type species: *Hypohelion scirpinum* (DC.) P.R.Johnst.
Syn.: *Leptostroma* Fr., Observ. Mycol. (Havniae) 1: 196 (1815), *Schizoderma* Ehrenb., Sylv. Mycol. Berol. (Berlin): 27 (1818), *Thyriostroma* Died., Ann. Mycol. 11(2): 176 (1913).

Leptostroma sphaeroides Fr., Observ. Mycol. 1: 196 (1815) / **Düz karaiz.**
Host: *Vitis vinifera* L.
Record: Arslan and Erdoğdu (2022), (plant; Kırşehir).

Sporocadaceae Corda [as 'Sporocadeae'], Icon. Fung. 5: 34 (1842) / **Kuyucukgiller**.

Seimatosporium Corda, in Sturm, Deutschl. Fl., 3 Abt. (Pilze Deutschl.) 3(13): 79 (1833) / **Karalık**.
Type species: *Seimatosporium rosae* Corda.
Syn.: *Cryptostictis* Fuckel, Fungi Rhenani Exsic., Suppl., Fasc. 4: no. 1838 (1866), *Dochmolopha* Cooke, Nuovo G. Bot. Ital. 10(1): 25 (1878), *Fenestella* subgen. *clethridium* Sacc., Syll. Fung. (Abellini) 2: 332 (1883), *Hyaloceras* subgen. *diploceras* Sacc., Syll. Fung. (Abellini) 10: 484 (1892), *Clethridium* (Sacc.) Sacc. [as 'Clathridium'], Syll. Fung. (Abellini) 11: 350 (in clave), 729 (1895), *Curreya* sect. *curreyella* Sacc., Syll. fung. (Abellini) 11: 379 (1895), *Curreyella* (Sacc.) Lindau, in Engler & Prantl, Nat. Pflanzenfam., Teil. I (Leipzig) 1(1): 379 (1897), *Labridium* Vestergr., Öfvers. Finska Vetensk. -Soc. Förh. 54(no. 1): 43 (1897), *Amphichaeta* McAlpine, Proc. Linn. Soc. N.S.W. 29: 118 (1904), *Discostroma* Clem., Gen. Fung. (Minneapolis): 50 (1909), *Phragmodothella* Theiss&Syd., Annls Mycol. 13(3/4): 343 (1915), *Griphosphaeria* Höhn., Annls Mycol. 16(1/2): 87 (1918), *Diploceras* (Sacc.) Höhn., in Falck, Mykol. Untersuch. Ber. 1(3): 342 (1923), *Leptocoryneum* Petr., Hedwigia 65: 278 (1925), *Paradidymella* Petr., Annls Mycol. 25(3/4): 237 (1927), *Seiridina* Höhn., Mitt. Bot. Inst. Tech. Hochsch. Wien 7(1): 31 (1930), *Coryneopsis* Grove, J. Bot., Lond. 70: 33 (1933) [1932], *Neobroomella* Petr., Sydowia 1(1-3): 5 (1947), *Basipilus* Subram., Proc. Natl. Inst. Sci. India, B 27: 243 (1961), *Monoceras* Guba, Monograph of Monochaetia and Pestalotia: 290 (1961), *Monochaetina* Subram., Proc. Natl. Inst. Sci. India, B 27: 241 (1961), *Discostromopsis* H.J. Swart, Trans. Br. Mycol. Soc. 73(2): 217 (1979), *Vermisporium* H.J.Swart & M.A.Will., Trans. Br. Mycol. Soc. 81(3): 491 (1983).

Seimatosporium macrospermum (Berk. & Broome) B.Sutton, Mycol. Pap. 138: 130 (1975) / **Büyük karalık.**
Syn.: *Coryneum macrospermum* Berk&Broome, Ann. Mag. Nat. Hist., Ser. 3 7: 381 (1861), *Stilbospora ulmi* Grove, British Stem- and Leaf-Fungi (*Coelomycetes*) (Cambridge) 2: 326 (1937), *Sporocadus macrospermus* (Berk&Broome) M. Morelet [as 'macrospermum'], Ann. Soc. Sci. Nat. Arch. Toulon et du Var 37(4): 234 (1985).
Host: *Vitis vinifera* L.
Record: Arslan and Erdoğdu (2022), (plant; Kırşehir).

Seimatosporium vitifusiforme D.P.Lawr. & Travadon, in Lawrence, Travadon & Baumgartner, Pl. Dis. 102(6): 1086 (2018) / **Hile karalık.**
Record: Akgül and Kara (2022), (plant; Gaziantep).

Seimatosporium vitis Y.P.Xiao, Camporesi & K.D.Hyde, in Senanayake et al., Fungal Div. 73: 103 (2015) / **Üzüm karalık.**
Record: Akgül and Kara (2022), (plant; Gaziantep).

Trichosphaeriaceae G.Winter [as 'Trichosphaerieae'], Rabenh. Krypt.-Fl., Edn 2 (Leipzig) 1.2: 191 (1885) / **Kayindingiligiller**.

Brachysporium Sacc., Syll. Fung. 4: 423 (1886) / **Kayindingili**.
Type species: *B. obovatum* (Berk.) Sacc. 1886.
Syn.: *Cryptadelphia* Réblová&Seifert, Mycologia 96(2): 348 (2004).

Brachysporium flexuosum (Corda) Sacc., Syll. Fung. 4: 429 (1886) / **Gevşek kayındingili.**
Host: *Pulicaria dysenterica* (L.) Bernh. subsp. *dysenterica*
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

Xylariaceae Tul. & C.Tul. [as 'Xylariei'], Select. Fung. Carpol. 2: 3 (1863) / **Ölüparmağıgiller**.

Rosellinia De Not., G. Bot. Ital. 1(1): 334 (1844) / **Karameme**.
Type species: *Rosellinia aquila* (Fr.) Ces. & De Not.

Syn.: *Byssitheca* Bonord., Abh. Naturforsch. Ges. Halle 8: 82, 156 (1864), *Amphisphaerella* Henn., Hedwigia 41: 13 (1902), *Vrikshopama* D.Rao & P.Rag. Rao, Mycopath. Mycol. Appl. 23: 289 (1964).

Rosellinia amblystoma Berl. & F.Sacc., Revue Mycol. 11(43): 118 (1889) / **Şık karameme.**
Host: *Vitis vinifera* L.
Record: Arslan and Erdoğdu (2022), (plant; Kırşehir).

Valsaceae Tul. & C.Tul. [as 'Valsarum'], Select. Fung. Carpol. 1: 180 (1861) / **Valsagiller**.

Cytospora Ehrenb., Sylv. Mycol. Berol. 28 (1818) / **Bademgözü**.
Type species: *Cytospora chrysosperma* (Pers.) Fr.
Syn.: *Bostrychia* Fr., K. Svenska Vetensk-Akad. Handl., ser. 3 40: 117 (1819), *Circinostoma* Gray, Nat. Arr. Brit. Pl. (London) 1: 520 (1821), *Engizostoma* Gray, Nat. Arr. Brit. Pl. (London) 1: 519 (1821), *Lamyella* Fr., Summa Veg. Scand., Sectio Post. (Stockholm): 410 (1849), *Psecadia* Fr., Summa Veg. Scand., Sectio Post. (Stockholm): 414 (1849), *Torsellia* Fr., Summa Veg. Scand., Sectio Post. (Stockholm): 412 (1849), *Valsa* Fr., Summa Veg. Scand., Sectio Post. (Stockholm): 410 (1849), *Circinaria* Bonord., Handb. Allgem. Mykol. (Stuttgart): 270, 305 (1851), *Hypoplasta* Preuss, Linnaea 26: 712 (1855) [1853], *Microstoma* Auersw., in Rabenhorst, Fungi Europ. Exsicc.: no. 253 (in sched.) (1860), *Cylindrotheca* Bonord., Abh. Naturforsch. Ges. Halle 8: 81, 150 (1864), *Valsa* subgen. *leucostoma* Nitschke, Pyrenomyc. Germ. 2: 221 (1870), *Valsella* Fuckel, Jb. Nassau. Ver. Naturk. 23-24: 203 (1870), *Neocytispora* Ellis & Everh. ex Sacc. & D. Sacc., Syll. Fung. (Abellini) 18: 301 (1906), *Cytophoma* Höhn., Sber. Akad. Wiss. Wien, Math. -Naturw. Kl., Abt. 1 123: 133 (1914), *Monopycnis* Naumov, Zap. Ural'sk. Obšč. Ljubit. Estestv. 35(11-12, Champ. Oural.): 36 (1916), *Leucocytospora* Höhn., Ber. Dt. Bot. Ges. 35(4): 352 (1917), *Leucostoma* (Nitschke) Höhn., Ber. Dt. Bot. Ges. 35(8): 637 (1917), *Pleuronaema* Höhn., Hedwigia 59(5): 257 (1917), *Cytospora* subgen. *leucocytospora* Höhn., Annls Mycol. 16(1/2): 130 (1918), *Cytosporopsis* Höhn., Annls Mycol. 16(1/2): 124 (1918), *Griphosphaerioma* Höhn., Ber. Dt. Bot. Ges. 36(7): 312 (1918), *Valseutypella* Höhn., Annls mycol. 16(3/6): 224 (1919), *Leucocytospora* (Höhn.) Höhn., in Weese, Mitt. Bot. Inst. Tech. Hochsch. Wien 4(2): 73 (1927), *Cyclocytospora* Höhn., in Weese, Mitt. bot. Inst. Tech. Hochsch. Wien 5: 17 (1928).

Cytospora parasitica Norph., Bulgakov & K.D.Hyde, in Ariyawansa et al., Fungal Div. 75: 172 (2015) / **Asalak bademgözü.**
Record: Eken and Sevindik (2023), (plant; Isparta).

Cytospora ribis Ehrenb., Sylv. Mycol. Berol. 28 (1818) / **Işgın bademgözü.**
Record: Akgül and Kara (2022), (plant; Gaziantep).

Cytospora sorbicola Norph., Bulgakov, T.C.Wen & K.D.Hyde, in Norphanphoun, Doilom, Daranagama, Phookamsak, Wen, Bulgakov & Hyde, Mycosphere 8(1): 83 (2017) / **Ekşi bademgözü.**
Record: Eken and Sevindik (2023), (plant; Isparta).

Cytospora vitis Mont., Syll. Gen. sp. Crypt. 260 (1856) / **Asma bademgözü.**
Syn.: *Cytospora vitis* var. *macrospora* Sacc. & Roum., Reliq. Libert 4: no. 104 (1884).
Host: *Vitis vinifera* L.
Record: Arslan and Erdoğdu (2022), (plant; Kırşehir).

Incertae Sedis (*Ascomycota*) / Unknown family

Annellophorella Subram., Proc. Ind. Acad. Sci., Sect. B 55: 6 (1962) / **Yiliğan**.
Type species: *A. densa* (Syd. & P.Syd.) Subram. 1962.

Annellophorella faureae (Henn.) M.B.Ellis, Mycol. Pap. 87: 13 (1963) / **Düz yılığan.**
Syn.: *Brachysporium faureae* Henn., Kunene-Sambesi-Exped., H.Baum, 169 (1903).
Host: *Inula britannica* L.
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

Coniothecium Corda, in Sturm, Deutschl. Fl., 3 Abt. (Pilze Deutschl.) 3(13): 71 (1833) / **Konitezyum**.
Type species: *Cohiokpeciul atrum* Corda 1833.
Syn.: *Didymosporium* Nees, Syst. Pilze (Würzburg): 33 (1816), *Coniotheciella* Speg., Physis, Rev. Soc. Arg. Cienc. Nat. 4(17): 295 (1918).

Coniothecium seriale Durieu & Mont., in Durieu, Expl. Sci. Alg., Fl. Algér. 1(livr. 9): 328 (1848) / **Sarma konitezyum.**
Host: *Falcaria vulgari* Bernh., *Equisetum arvense* L.
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

Dicoccum Corda, in Sturm, Deutschl. Fl., 3 Abt. (Pilze Deutschl.) / **İkiliküre.**
Type species: *D. minutissimum* Corda 1829.

Dicoccum asperum (Corda) Sacc., Syll. Fung. (Abellini) / **Ot ikiliküre.**
Syn.: *Sporidesmium asperum* Corda, Icon. Fung. (Prague) 2: 6 (1838), *Monodictys aspera* (Corda) S.Hughes, Can. J. Bot. 36: 785 (1958), *Piricauda aspera* (Corda) R.T.Moore, Rhodora 61: 96 (1959).
Host: *Lactuca scarioloides* Boiss.
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

Ilyonectria P.Chaverri & Salgado, in Chaverri, Salgado, Hirooka, Rossman & Samuels, Stud. Mycol. 68: 69 (2011) / **İlyon**.
Type species*: Ilyonectria radicicola* (Gerlach & L.Nilsson) P.Chaverri & Salgado 2011.

Ilyonectri liriodendri (Halleen, Rego & Crous) P.Chaverri & Salgado, in Chaverri, Salgado, Hirooka, Rossman & Samuels, Stud. Mycol. 68: 71 (2011) / **Lale ilyon.**
Syn.: *Neonectria liriodendri* Halleen, Rego & Crous, in Halleen, Schroers, Groenewald, Rego, Oliveira & Crous, Stud. Mycol. 55: 232 (2006).
Record: Göngör Savaş (2023), (bitki-(*Vitis vinifera*); Manisa).

Knufia L.J.Hutchison & Unter., in Hutchison, Untereiner & Hiratsuka, Mycologia 87(6): 903 (1996) / **Serilen**.
Type species: *Knufia cryptophialidica* L.J.Hutchison & Unter.

Knufia chersonesos (Bogom. & Minter) Tsuneda, Hambl. & Currah, Botany 89(12): 887 (2011) / **Ada serilen.**
Syn.: *Phaeococcomyces chersonesos* Bogom. & Minter, Mycotaxon 86: 203 (2003), *Knufia chersonesos* (Bogom. & Minter) Tsuneda, Hambl. & Currah, Bot. 89(8): 535 (2011).
Record: Acar et al. (2022), (inanimate materials-historically important artifacts; Teos Ancient City, Izmir).

Knufia petricola (Wollenz. & de Hoog) Gorbushina & Gueidan, Fungal Genetics Biol. 56: 58 (2013) / **Koku serilen.**
Syn.: *Sarcinomyces petricola* Wollenz. & De Hoog, in Wollenzien, Hoog, Krumbein & Uijthof, Antonie van Leeuwenhoek 71(3): 283 (1997).
Record: Acar et al. (2022), (inanimate materials-historically important artifacts; Teos Ancient City, Izmir).

Monodictys S.Hughes, Can. J. Bot. 36: 785 (1958) / **Tektokmak**.
Type species: *Monodictys putredinis* (Wallr.) S.Hughes.

Monodictys abuensis (Chouhan & Panwar) V.Rao & de Hoog, Stud. Mycol. 28: 26 (1986) / **Nine tektokmak.**
Syn.: *Berkleasmium abuense* Chouhan & Panwar, Indian Phytopathol. 33(2): 287 (1981).
Host: *Vitis vinifera* L.
Record: Arslan and Erdoğdu (2022), (plant; Kırşehir).

Periconia Tode, Fung. Mecklenb. Sel. 2: 2 (1791) / **Püskürten**.
Type species: *Periconia lichenoides* Tode 1791.
Syn.: *Dematium* Pers., Tent. Disp. Meth. Fung. (Lipsiae): 41 (1797), *Chromatium* Link, Abh. K. Akad. Wiss. Berlin: 180 (1824), *Sporocybe* Fr., Syst. Orb. Veg. (Lundae): 170 (1825), *Sporodum* Corda, Icon. Fung. (Prague) 1: 18 (1837), *Cephalotrichum* Berk. ex Sacc., Syll. Fung. (Abellini) 4: 275 (1886), *Harpocephalum* G.F. Atk., Bulletin of Cornell University 3(no. 1): 41 (1897), *Berkeleyna* Kuntze, Revis. Gen. Pl. (Leipzig) 3(3): 447 (1898), *Trichocephalum* Costantin, Mucéd. Simpl. (Paris): 106 (1888), *Trichurus* Clem., in Pound & Clements, Bot. Surv. Nebraska 4: 7 (1896), *Pachytrichum* Syd., Annls Mycol. 23(3/6): 420 (1925), *Blepharia* (Pers.) Ainsw. & Bisby, Ainsworth & Bisby's Dictionary of the Fungi: [1] (1943), *Noosia* Crous, R.G. Shivas & McTaggart, in Crous, Groenewald, Shivas, Edwards, Seifert, Alfenas, Alfenas, Burgess, Carnegie, Hardy, Hiscock & Hübe, Persoonia 26: 139 (2011), *Bambusistroma* D.Q.Dai & K.D.Hyde, Index Fungorum 225: 1 (2015), *Bambusistroma* D.Q.Dai & K.D.Hyde, Cryptog. Mycol. 36(2): 123 (2015).

Periconia funerea (Ces.) E.W. Mason & M.B. Ellis, Mycol. Pap. 56: 117 (1953) / **Kol püskürten.**
Syn.: *Torula funerea* Ces., in Rabenhorst, Klotzschii Herb. Viv. Mycol., Edn Nov, Ser. Sec., 1 (79) (1855).
Host: *Hordeum bulbosum* L.
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

Pyrenochaeta De Not., Mém. R. Accad. Sci. Ser. 2 10: 347 (1849) / **Kökçürüten**.
Type species: *Pyrenochaeta nobilis* De Not. 1849.
Syn.: *Herpotrichiopsis* Höhn., Sber. Akad. Wiss. Wien, Math.-Naturw. Kl., Abt. 1 123: 115 (1914), *Lasiophoma* Naumov, Zap. Ural'sk. Obšč. Ljubit. Estestv. 35(11-12): 30 (1916).

Pyrenochaeta vitis Viala & Sauv., J. Bot. 5: 357 (1891) / **Asma kökçürüten.**
Host: *Vitis vinifera* L.
Record: Arslan and Erdoğdu (2022), (plant; Kırşehir).

Scolicotrichum Kunze, in Kunze & Schmidt, Mykologische Hefte (Leipzig) 1: 10 (1817) / **Kapraşık.**
Type species: *Scolicotrichum virescens* Kunze 1817.

Scolicotrichum bonordenii Sacc., Syll. Fung. 4: 348 (1886) / **Bön kapraşık.**
Host: *Lepidium draba* L.
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

Sporidesmium Link, Mag. Gesell. Naturf. Freunde, Berlin 3(1-2): 41 (1809) / **Ekligelen**.
Type species: *Sporidesmium atrum* Link, 1809.
Syn.: *Podoconis* Boedijn, Bull. Jard. Bot. Buitenz, 3 sér. 13(1): 133 (1933), *Imicles* Shoemaker & Hambl., Can. J. Bot. 79(5): 598 (2001).

Sporidesmium cladosporii Corda, Icon. Fung. 1: 7 (1837) / **Yan ekligelen.**
Syn.: *Caeoma cladosporii* (Corda) Bonord., Handb. Allgem. Mykol. 48 (1851).
Host: *Acanthus dioscoridis* L. var. *dioscoridis*, *Cirsium arvense* (L.) Scop., *Xanthium strumarium* L. subsp. *strumarium.*
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

Sporidesmium microscopicum Schulzer, Flora, Regensburg 59(3): 47 (1876) / **Küçük ekligelen.**
Host: *Lysimachia vulgaris* L.
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

Basidiomycota R.T.Moore, Bot. Mar. 23(6): 371 (1980) / **Topuzlu Mantarlar**.

Pucciniaceae Chevall, Fl. Gén. Env. Paris, 1: 413 (1826). / **Pasgiller.**

Aecidium Pers. ex J.F.Gmel., Syst. Nat., Edn 13 2(2): 1472 (1792). / **Ezdimpası.** (Güncel isim: ***Puccinia*** Pers., Neues Mag. Bot. 1: 118 (1794). / **Pas**.
Type species: *Puccinia graminis* Pers. 1794 (www.mycobank.org).
Syn.: *Aecidium* Pers. ex J.F.Gmel., Syst. Nat., Edn 13 2(2): 1472 (1792), *Aecidium* Pers., Observ. Mycol. 1: 97 (1796), *Bullaria* DC., in Lamarck & De Candolle, Fl. Franç., Edn 3 (Paris) 2: 226 (1805), *Caeoma* Link, Mag. Gesell. Naturf. Freunde, 3(1-2): 5 (1809), *Hypodermium* Link, Mag. Gesell. Naturf. Freunde, 8: 26 (1816) [1815]. *Sphaerotheca* Desv., Mém. Soc. Imp. Nat. 5: 68 (1817), *Dicaeoma* Gray [as 'Diceoma'], Nat. Arr. Brit. Pl. 1: 541 (1821), *Eriosporangium* Bertero ex Ruschenb., Amer. J. Sci. Arts 20: 259 (1831), *Symperidium* Klotzsch, Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur., Suppl. 1 19: 245 (1843), *Solenodonta* Castagne, Cat. Pl. Mars.: 202 (1845), *Cutomyces* Thüm., J. Sci. Math. Phys. Nat. Lisboa, 1 Ser. 6(21-24): 239 (1878), *Leptinia* Juel, Bih. K. Svenska Vetensk Akad. Handl., Afd. 3 23(10): 15 (1897), *Puccinia* subgen. *leptopuccinia* G. Winter, Rabenh. Krypt.-Fl., Edn 2 (Leipzig) 1.1: 164 (1881), *Rostrupia* Lagerh., J. Bot., Paris 3: 188 (1889), *Puccinidia* Mayr, Die Waldungen Von Nordamerika: 337 (1890), *Sphenospora* Dietel, Ber. Dt. Bot. Ges. 10: 63 (1892), *Jackya* Bubák, Öst. Bot. Z. 52(2): 42 (1902), *Leptopuccinia* (G.Winter) Rostr., Plantepatologi: 268 (1902), *Micropuccinia* Rostr., Plantepatologi: 266 (1902), *Allodus* Arthur, Résult. Sci. Congr. Bot. Wien 1905: 345 (1906), *Argotelium* Arthur, Résult. Sci. Congr. Bot. Wien 1905: 343 (1906), *Lysospora* Arthur, Résult. Sci. Congr. Bot. Wien 1905: 340 (1906), *Argomyces* Arthur, N. Amer. Fl. (New York) 7(3): 217 (1912), *Coronotelium* Syd., Annls Mycol. 19(3-4): 174 (1921), *Linkiella* Syd., Annls Mycol. 19(3-4): 173 (1921), *Pleomeris* Syd., Annls Mycol. 19(3-4): 171 (1921), *Sclerotelium* Syd., Annls Mycol. 19(3-4): 172 (1921), *Lindrothia* Syd., Annls Mycol. 20(3/4): 119 (1922), *Poliomella* Syd., Annls Mycol. 20(3/4): 122 (1922),

Persooniella Syd., Annls Mycol. 20(3/4): 118 (1922), *Schroeterella* Syd., Annls Mycol. 20(3/4): 119 (1922), *Trailia* Syd., Annls Mycol. 20(3/4): 121 (1922), *Diorchidiella* J.C.Lindq., Darwiniana 11: 416 (1957).

Aecidium eremostachydis Petr., Sydowia 20(1-6): 287 (1968) / **Korkan pas.**
Host:*Phlomoides laciniata* (L.) Kamelin & Makhm.
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

Aecidium polygoni-cuspidati Dietel, Bot. Jb. 32: 629 (1903) / **Çoklu pas.**
Host: *Polygonum aviculare* L.
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

Puccinia ganeschinii Tranzschel & Erem. [as 'ganeschini'], in Tranzschel, Conspectus Uredinalium URSS: 402 (1939) / **Sarmal pas.**
Host: *Rhaponticum repens* (L.) Hidalgo
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

Puccinia pozzii Semadeni, in Fischer, Ured. der Schweiz: 111 (1904) / **Lav pası.**
Host: *Chaerophyllum crinitum* Boiss.
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

Puccinia praegracilis Arthur, Bull. Torrey Bot. Club 34: 585 (1907) / **Tahta pas.**
Host: *Dactylorhiza umbrosa* (Karelin & Kirilow) Nevski var. *umbrosa*
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

Puccinia tiflisensis Petr., Annls Mycol. 38(2/4): 237 (1940) / **Tiflis pası.**
Host: *Cirsium arvense* (L.) Scop.
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

Puccinia vagans (Lam. & DC.) Arthur, Man. Rusts in the US & Canada: 313 (1934) / **Atak pası.**
Syn.: *Uredo vagans* Lam. & DC., Syn. Plant. Fl. Gall. Descript. (Parisiis): 47 (1808), *Uromyces vagans* (Lam. & DC.) Lév., Annls Sci. Nat., Bot., sér. 3 8: 371 (1847).
Host: *Epilobium hirsutum* L.
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

Uromyces (Link) Unger, Exanth. Pflanzen (Wien), 277 (1833) / **Zerpas.**
Type species: *Uromyces appendiculatus* F.Strauss.

Uromyces coronillae Vienn.-Bourg., Revue de Pathol. Végetale et d'Entom. Agr. de France 29: 164 (1950) / **Kor zerpas.**
Record: Akdeniz and Sert (2022), (plant; Antalya).

Uromyces epilobii (DC.) Lév., Annls Sci. Nat., Bot., sér. 3 8: 371 (1847) / **Üst zerpas.**
Host: *Epilobium hirsutum* L.
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

Uromyces turcomanicus Katajev [as 'turcomanicum'], Notul. Syst. Sect. Cryptog. Inst. Bot. Acad. Sci. U.S.S.R. 8: 111 (1952) / **Ortapas.**
Host: *Hordeum bulbosum* L.
Record: Sırrı and Özaslan (2023), (plant; Hakkari).

4. Discussions

Fungal checklists have been published in many countries (Examples: Lastra et al., 2022; Tamayo-Cevallos and Alvarez-Montero, 2022; Giray et al., 2022; Yanez-Ayabaca et al., 2023; Wijayawardene et al., 2023; Voglmayr et al., 2023). Since these studies contain data up to the date of publication, updating is also required. Therefore, Sesli et al. (2020) 3 update articles were prepared after the publication of his book, and this article is the third of them. The checklist in this article includes 92 new taxa (1 section, 3 families, 6 genera and 82 species) for Türkiye. In this article, taxa were included in 3 division categories (*Oomycota*, *Blastocladiomycota Ascomycota*) and one of them, *Blastocladiomycota* (Tortul Mantarlar), was given a Turkish scientific name. *Physoderma menthae* (kokulu düdükpası) species in this section is a newly registered species from Türkiye. The genus *Pysoderma* was previously classified in the *Physodermataceae* family and the *Chytridiomycota* section. However, according to the new classification, it was transferred to the *Blastocladiomycota* section and its taxonomic status was updated in this article.

In this article, 92 taxa were given Turkish scientific names and thus, Turkish names were added to the Latin names of all fungal taxa isolated from Türkiye. While making these nomenclatures; if Turkish names were previously given for the upper categories, these names were preserved, and in the naming of new records from sub-taxa, care was taken to ensure that the names in the upper categories are integrated with the names in the upper categories and comply with the naming rules. The update articles both ensure that the book of Sesli et al. (2020) is continued as a living book and that the purpose of naming the newly recorded taxa in Turkish is realized. With such an application, it is also aimed to popularize the awareness and use of Turkish names of fungi. Therefore, as long as mycological research continues in Türkiye, additional update articles are planned to be prepared.

Conflict of interest

Authors have declared no conflict of interest.

Authors' contributions

The authors contributed equally.

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References

Acar HY, Akdeniz F, Akgül H, Sert H (2022). Biodeterioration of monuments: A research in Teos Antique City, Türkiye. Natural and Engineering Sciences 7(3): 302-309.

Akdeniz F, Sert H (2022). Pas mantarları üzerinde bir araştırma: Manavgat örneği. Tabiat ve İnsan Dergisi 1(192): 22-35.

Akgül DS, Kara Hİ (2022). Gaziantep bağ alanlarındaki endofitik funguslar ve bunların fungal gövde patojenleriyle antagonistik ilişkileri. Türkiye Biyolojik Mücadele Dergisi 13(1): 48-66.

Arslan S, Erdoğdu M (2022). Kırşehir ilinde yetiştirilen asmaların (*Vitis vinifera* L.) mikobiyotası. In: Kazankaya A, Doğan, A (eds.). Tarımsal Perspektif. Ankara: İksad Publishing, pp. 59-84.

Asan A, Karabıyık H, Giray G (2024). Türkiye mantarları listesi'ne eklentiler-2. Bağbahçe Bilim Dergisi 11(1): 25-43.

Asan A, Ozkale E, Kalyoncu F (2016). Checklist of *Cladosporium* species reported from Turkey. Celal Bayar University Journal of Science 12(2): 221-229.

Asan A, Selçuk F, Giray G, Aydoğdu H, Ulukapı M, Ceylan MF (2022). Türkiye Mantarları Listesi'ne İlaveler-1. Bağbahçe Bilim Dergisi 9(3): 65-89.

Asan A (2004). *Aspergillus, Penicillium* and related species reported from Turkey. Mycotaxon 89(1): 155-157 (Last updated: May 27, 2023).

Asan A (2011). Checklist of *Fusarium* species reported from Turkey. Mycotaxon. 116(1): 479-479. (Last updated at journal web site: 14 May 2023).

Asan A (2015). Checklist of *Alternaria* species reported from Turkey. The Journal of Fungus. 6(2): 43-57.

Eken C, Sevindik E (2023). Molecular phylogeny of *Cytospora* species associated with canker diseases of apple trees in Türkiye. Erwerbs-Obstbau 65: 2249-2257.

Giray G, Zimowska B, Asan A (2022). Airborne mycotoxigenic fungi in Türkiye and Poland. Mycotaxon 137(3): 617-617.

Hawksworth DL (1991). The fungal dimension of biodiversity: magnitude, significance, and conservation. Mycological Research 95: 641-655.

Index Fungorum (2000). https://www.indexfungorum.org [accessed: March 25, 2024].

Index Fungorum (2024). http://www.indexfungorum.org/names/Names.asp [accessed: March 25, 2024].

Lastra CCL, White MM, Strongman DB, Sato H, Ordoqui E, García JJ (2022). An updated checklist and literature review of *Harpellales* (*Kickxellomycotina*) and other endobionts associated with the guts of arthropods from Argentina. Gayana Botanica 79(1): 1-9.

Menemen Y, Aytaç Z, Kandemir A (2021). Türkçe bilimsel bitki, mantar, suyosunu ve bakteri adları yönergesi. Bağbahçe Bilim Dergisi 8(3): 188-195.

Mycobank Database. Fungal Databases, Nomenclature & Species Banks (2004). www.mycobank.org [accessed: March 25, 2024].

Özcan Ateş G, Zorba NN, Şen B (2024). Biodiversity of ochratoxigenic *Aspergillus* species isolated from çavuş and karalahna grapes in Bozcaada, Türkiye. Anatolian Journal of Botany 8(1): 39-45. https://doi.org/10.30616/ajb.1395701

Sesli E, Asan A, Selçuk F (eds.). Abacı Günyar Ö, Akata I, Akgül H, Aktaş S, Alkan S, Allı H, Aydoğdu H, Berikten D, Demirel K, Demirel R, Doğan HH, Erdoğdu M, Ergül CC, Eroğlu G, Giray G, Halikî Uztan A, Kabaktepe Ş, Kadaifçiler D, Kalyoncu F, Karaltı İ, Kaşık G, Kaya A, Keleş A, Kırbağ S, Kıvanç M, Ocak İ, Ökten S, Özkale E, Öztürk C, Sevindik M, Şen B, Şen İ, Türkekul İ, Ulukapı M, Uzun Ya, Uzun, Yu, Yoltaş A (2020). Türkiye Mantarları Listesi. İstanbul: Ali Nihat Gökyiğit Vakfı.

Sesli E (2007). Preliminary checklist of macromycetes of the East and Middle Black Sea Regions of Turkey. Mycotaxon 99: 71-74.

Sesli E and Baydar S (1995). A preliminary checklist of *Russulaceae* of Turkey. Russulales News 5: 5-22.

Sesli E and Denchev CM (2005). Checklists of the Myxomycetes and Macromycetes in Turkey. Mycologia Balcanica 2: 119-160.

Sesli E and Denchev CM (2008). Checklists of the Myxomycetes, larger *Ascomycetes*, and larger *Basidiomycetes* in Turkey. Mycotaxon 106: 65-67.

Sesli E, Denchev CM (2014). Checklists of the *Myxomycetes*, larger *Ascomycetes*, and larger *Basidiomycetes* in Turkey. 6th.v., Mycotaxon Checklists Online: 1-136.

Sırrı M, Özaslan C (2023). Microfungi species observed on various weed species in the Yüksekova Basin, Türkiye. Plant Protection Bulletin 63(2): 31-40. https://doi.org/10.16955/bitkorb.1251724

Tamayo-Cevallos R, Alvarez-Montero X (2022). A preliminary checklist of lignicolous marine fungi from Ecuador and South America. Sydowia 74: 263-275. https://doi.org/10.12905/0380.sydowia74-2022-0263

Tedersoo L, Sánchez-Ramírez S, Koljalg U, Bahram M, Döring M, Schigel D, May T, Ryberg M, Abarenkov K (2018). High-level classification of the Fungi and a tool for evolutionary ecological analyses. Fungal Diversity 90: 135-159.

Voglmayr H, Schertler A, Essl F, Krisai-Greilhuber I (2023). Alien and cryptogenic fungi and oomycetes in Austria: an annotated checklist (2nd edition). Biological Invasions 25(1): 27-38.

Wijayawardene NN, Dai DQ, Premarathne BM, Wimalasena MK, Jayalal RGU, Wickramanayake KD, Dangalla H, Jayathunga WH, Brahmanage RS, Karunarathna SC, Weerakoon G, Ariyawansa KGSU, Yapa PN, Madawala S, Nanayakkara CM, Fan XL, Kirk PM, Zhang GQ, Ediriweera A, Bhat DJ, Dawoud TM, Tibpromma S, Wijesundara DSA (2023). Checklist, typification details, and nomenclature status of ascomycetous fungi originally described in Sri Lanka. Phytotaxa 611(1): 1-105. https://doi.org/10.11646/phytotaxa.611.1.1

Yanez-Ayabaca A, Benítez A, Molina RB, Naranjo D, Etayo J, Prieto M, Cevallos G, Caicedo E, Scharnagl K, McNerlin B, Swanson S, Aragón G, Fernández-Prado N, Martínez I, Burgaz AR, González Y, Déleg J, Vega M, van den Boom P, Magain N, Nugra F, Oña T, Díaz PJ, Villalba-Alemán J, Moncada B, Hernández J, Gilbert EE, Bungartz F (2023). Towards a dynamic checklist of lichen-forming, lichenicolous and allied fungi of Ecuador - using the Consortium of Lichen Herbaria to manage fungal biodiversity in a megadiverse country. Lichenologist 55(5): 203-222.