

A checklist of African myxomycetes

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Regions, countries and information sources

Records of myxomycetes exist for 31 countries located in the five major geographical and climatic regions of North, East, South, Central and West Africa. Each region is listed followed by the countries included. Information provided for each country consists of (a) three upper case letters indicating the country's abbreviation used and (b) a superscript in lower case letters that denotes the sources of information. Records on the occurrence of myxomycetes in Canary Islands are only provided for comparison purposes.

Northern Africa (N): Algeria ALG^{a, hh, eee, hhh}, Egypt EGY^{s, eee, qqq}, Libya
LBY^{eee}, Morocco MAR^{a, aaa, bbb, eee, hhh}, Tunisia TUN^{a, o, eee, hhh}, Western
Sahara ESH^{a, hhh}, Canary Islands CNI^{bb, kk, ll, mm, nn, oo, pp, ccc, ggg}.

Eastern Africa (E): Ethiopia ETH^{qqq}, Kenya KEN^{t, fff, qqq}, Madagascar
MDG^{w, qq, fff}, Malawi MWI^{g, vv, fff}, Mauritius MUS^{w, rr}, Mozambique MOZ^{ss},
Reunion REU^{fff}, Seychelles SYC^w, Tanzania TZA^{l, m, n, cc, dd, ee, ff, gg, iii, qqq},
Uganda UGA^{hh}.

Southern Africa (S): Angola AGO^b, South Africa ZAF<sup>k, h, q, hh, ff, jij, kkk, ll,
mmm, nnn, ooo, ppp, rrr</sup>, Zambia ZMB^g.

Central Africa (C): Burundi BDI^{c, d}, Cameroon CMR^{hh}, Congo COG<sup>ii,
qqq</sup>, Democratic Republic of the Congo (Zaire) ZAR^{c, d, e}, Gabon GABⁱⁱ,
Rwanda RWA^{j, c, d, aa, uu, vv}.

Western Africa (W): Côte d'Ivoire CIV^{ww}, Gambia GMB^v, Ghana GHA^f,
Liberia LBR^{u, fff}, Nigeria NGA^{h, i, p, x, y, z}, Sierra Leone SLE^{xx, yy, zz}.

- a. Faurel L, Feldmann J, Schotter G. 1966. Catalogue des Myxomycetes de l' Afrique du Nord. Bull. Soc. Hist. Nat. Afrique N. 55: 7–39.
- b. Almeida MG. 1974a. Contribuição para o conhecimento dos Myxomycetes de Angola I. Bol. Soc. Broteriana 48: 187–203.
- c. Rammeloo J. 1983a. Echinosteliales et Stemonitales (Myxomycetes). FI. III. Champ. Afr. Centr. 11: 214–244.

- d. Rammeloo J. 1983b. Taxons nouveaux de Stemonitales (Myxomycetes). Bull. Jard. Bot. Nat. Belg. 53: 297–298.
- e. Rammeloo J. 1975. Morphology and structure of *Hemitrichia calyculata* (Speg.) Farr and *H. clavata* (Pers.) Rost. Biol. J. Dodonaea 43: 228–232.
- f. Dixon PA. 1959. Myxomycetes of Ghana. 1. *Stemonitis* and *Comatricha*. J. W. Afr. Sci. Assoc. 5: 101–104.
- g. Rammeloo J., Mitchell DW. 1994. Contribution towards the knowledge of the myxomycetes of Malawi and Zambia. 1: 785–793, in JH Seyani, AC Chikuni (eds.), Proc. XIIIth Plenary Meeting AETFAT, Malawi.
- h. Farquharson CO, Lister G. 1916. Notes on South Nigerian Myxomycetes. J. Bot. 54: 121–123.
- i. Ing B. 1964. Myxomycetes from Nigeria. Trans. Brit. Mycol. Soc. 47: 49–55.
- j. Buyck B. 1983. *Diderma* (Physarales, Myxomycetes). Bull. Jard. Bot. Nat. Belg. 53: 294–294.
- k. Doidge EM 1950. The South African fungi and lichens to the end of 1945. Bothalia 5: 1–1094.
- l. Eichelbaum, F. 1906. Beiträge zu Kenntnis der Pilzflora des Ostusambaragebirges, Verh. Naturwiss. Ver. Hamburg 3. 14: 1–92.
- m. Härkönen M, Saarimaki T. 1991. Tanzanian Myxomycetes: first survey. Karstenia 31: 41–54.
- n. Ukkola T, Härkönen M, Saarimaki T. 1996. Tanzanian Myxomycetes: second survey. Karstenia 36: 51–77.
- o. Mitchell DW, Kylin H 1984. Some Tunisian Myxomycetes. Bull. British Mycol. Soc. 18: 64–65.
- p. Ing B, McHugh R. 1968. Myxomycetes from Nigeria. Trans. British Mycol. 51: 215–220.
- q. Duthie AV. 1917a. South African Myxomycetes. S. African J. Sci. 14: 456–460.
- r. Rammeloo J. 1973. *Trichia arundinariae* sp. nov (Myxomycetes, Trichiales) from the National Kahuzi Park (Zaire). Bull. Jard. Bot. Nat. Belg. 43: 349–352.
- s. Abdel-Raheem AM. 2002. Myxomycetes from Upper Egypt. Microbiol. Res. 157: 47–67.
- t. Kost G. 2002. Contribution to tropical fungi 1. Ecology and distribution of fungi of Kenya (East Africa). Feddes Repert. 113(1–2): 132–151.
- u. Farr ML. 1959. O.F. Cook's Myxomycete collections from Liberia and the Canary Islands. Lloydia 22: 295–301.

- v. Härkönen M. 1981. Gambian myxomycetes developed in moist chamber culture. *Karstenia* 21: 21–25.
- w. Ing B, Hnatiuk RJ. 1981. Myxomycetes of Aldabra Atoll. Atoll Research Bulletin No. 249. The Smithsonian Institution. Washigton. USA.
- x. Ejale UA, Gill LS. 1991. Two new species of Myxomycetes from South Nigeria. *Acta Mycol.* 27: 267–269.
- y. Ejale UA, Gill LS. 1995. Myxomycetes of Nigeria (genera *Schenella* Macbr. and *Comatricha* Preuss). *Mycol. Helvetica* 7: 105–110.
- z. Gill LS, Onyibe HI. 1986. Phytosociological studies of epiphytic flora of oil palm in Benin City, Nigeria. *Feddes Repert.* 9–10: 691–695.
- aa. Rammeloo J. 1981. Five new Myxomycete species (Trichiales) from Rwanda. *Bull. Jard. Bot. Nat. Belg.* 51: 229–230.
- bb. Beltrán–Tejera E. 1976. Nota sobre los Myxomycetes presentes en al Archipiélago Canario. *Vieraea* 6: 17–24.
- cc. Ukkola T. 1998a. Tanzanian Myxomycetes to the end of 1995. *Publ. Bot. Univ. Helsinki* 27: 1–45.
- dd. Ukkola T, Härkönen M. 1996. Revision of *Physarum pezizoideum* var. *pezizoideum* and var. *microsporum* (Myxomycetes). *Karstenia* 36: 41–46.
- ee. Ukkola T. 1998b. Some myxomycetes from Dar es Salaam (Tanzania) developed in moist chamber cultures. *Karstenia* 38: 27–36.
- ff. Ukkola T. 1998c. Myxomycetes of the Usambara Mountains. *Acta. Bot. Fennica* 160: 1–37.
- gg. Ukkola T. 1998d. Key to the Tanzanian Myxomycetes. Chapter 5, in T. Ukkola (ed.), *Tanzania Myxomycetes to the end of 1995*. Academic dissertation. University of Helsinki.
- hh. Duthie AV. 1917b. African Myxomycetes. *Trans. Roy. Soc. S. Africa* 6: 297–310.
- ii. Faurel L, Schotter G. 1965. Notes mycologiques 6. Sur quelques champignons coprophiles d' Afrique Equatoriale. *Cah. Maboké* 3: 123–132.
- jj. Ejale AU, Gill LS. 1991. Identifications of Myxomycetes (Order Liceales) from Bendel State, Nigeria –11. *Kor. J. Mycol.* 19(4): 250–252.
- kk. Gonzalez Luis MD, Tejera BE. 1987. Contribución al estudio micológico del Monte de Agua Garcia y Cerro del Lomo, Tenerife. *Vieraea* 17: 369–391.

- ii. Beltrán Tejera E, Bañares Baudet A, Rodríguez Armas L, Losada Lima A, León Arencibia MC. 1989. Contribution to the mycological Flora of the Monte de Aguas y Pasos (Los Silos, Tenerife). 111. *Docum. Mycol.* 76: 41–58.
- iii. Bañares Baudet A, Beltrán Tejera E, Wildpret De La Torrf W. 1986. Contribución al estudio micológico de los pinares de Tamadaba (Gran Canaria). 11. *Myxomycota, Ascomycotina y Basidiomycotina (Tremellales y Aphyllphorales)*. *Vieraea* 16: 119–135.
- iiii. Nannenga–Bremekamp NE, Lado C, Moreno G. 1984. A new species of *Physarum* (Myxomycetes) from the Canary Isles. *Proc. Kon. Nederlandse Akad. Wetensch.* 87: 91–93.
- v. Wildpret W, Beltrán E. 1974. Contribución al Estudio de la flora micologica del Archipiélago Canario. *Anal. Inst. Bot. Cavanilles* 31: 5–18.
- vi. Champion CI, Beltrán Tejera E. 1980. Catalogo preliminar de los myxomycetes de Canarias. *Vieraea* 9: 153–182.
- vii. Patouillard N. 1928. Contribution a l'étude des champignons de Madagascar. *Mém. Acad. Malagache* 6: 1–49.
- viii. Wiehe PO. 1948. The Plant diseases and fungi recorded from Mauritius. *Mycological papers* 24: 1–39.
- ix. Almeida MG. 1974b Contribuição para o conhecimento dos Myxomycetes de Mocambique. *Bol. Soc. Broteriana* 48: 205–210.
- x. Almeida MG. 1974c. Contribuição para o conhecimento dos Myxomycetes de Angola II. *Bol. Soc. Broteriana* 47: 277–297.
- xi. Buyck B. 1983. *Diderma petaloides* Buyck, a new myxomycete species from Rwanda. *Bull. Jard. Bot. Nat. Belg.* 53: 294–294.
- xii. Rammeloo J. 1983. Taxons nouveaux de Stemonitales (Myxomycetes). *Bull. Jard. Bot. Nat. Belg.* 53: 289–298.
- xiii. Gracia E. 1986. Tres mixomicets de la Costa D'Ivori. *Fol. Bot. Misc.* 5: 141–147.
- xiv. Ing B. 1967. Myxomycetes from Sierra Leone. *Trans. Br. Mycol. Soc.* 50: 549–553.
- xv. Yamamoto Y, Hagiwara H, Murano H, Sando H. 1996. Several Myxomycetes from Sierra Leone. *Bull. Natn. Sci. Mus. Bot.* 22: 23–26.
- xvi. Rammeloo J. 1978. *Hemitrichia rubrobrunnea*, a new myxomycete from Sierra Leone. *Bull. Jard. Bot. Nat. Belg.* 48: 383–386.
- xvii. Malençon G, Bertault R. 1969. Champignons du Maroc 11. *Bull. Soc. Sci. Nat. Maroc.* 49: 69–80.
- xviii. Malençon G, Bertault R. 1967. Champignons du Maroc. *Bull. Soc. Sci. Nat. Maroc.* 47: 237–281.

- ccc. Bañares Baudet A, Beltrán Tejera E. 1987. Adiciones a la flora micológica Canaria 5. Act. VI. Simp. Nac. Bot. Cript. 201–211.
- ddd. Beltrán Tejera E, Bañares Baudet A, Leon Arencibia MC, Losada Lima A. 1987. Contribución al estudio de la flora micológica del monte de aguas y pasos (Los Silos, Tenerife) 1. Act. VI. Simp. Nac. Bot. Cript. 213–224.
- eee. Lado C. 1994. A checklist of myxomycetes of the Mediterranean countries. *Mycotaxon* 52: 117–185.
- fff. The Eumycetozoon Project database at University of Arkansas. <http://slimemold.uark.edu>.
- ggg. Beltrán E, Lado C, Barrera J, Gonzalez E. 2004. Myxomycete diversity in the laurel forest of Garajonay National Park (Canary Islands, Spain). *Syst. Geogr. Pl.* 74: 159–173.
- hhh. Maire R, Patouillard N, Pinoy E. 1926. Myxomycetes de l’Afrique du Nord. *Bull. Soc. Hist. Nat. Afrique. N.* 17: 38–43.
- iii. Mitchell DW, Stampfer JF. 2004. Some myxomycetes from Tanzania. *Syst. Geogr. Pl.* 74: 291–293.
- ijj. Berkeley MJ. 1876. An enumeration of the fungi collected at the Cape of Good Hope during the stay of the English Transit of Venus Expedition in 1874. *J. Bot., British and Foreign.* 14: 173–175.
- kkk. Van der Byl PA. 1922. Fungi of the Stellenbosch District and immediate vicinity. *Trans. Roy. Soc. S Afr.* 10: 281–288.
- lll. Simpson MW, Talbot PHB. 1946. An enumeration of the fungi collected at Qudani Forest Reserve, Zululand in February 1945. *S. Afr. J. Sci.* 42: 131–134.
- mmm. Cooke MC. 1879. Natal Fungi. *Grevillea.* 8: 69–72.
- nnn. Cooke MC. 1880. Exotic Fungi. *Grevillea.* 9: 10–15.
- ooo. Van der Byl PA. 1929. The Fungous flora of the Western Province of the Cape. In the Botanical features of the southwestern Cape Province: essays. Cape Town: Specialty Press of South Africa, Ltd.
- ppp. Verwoerd L. 1931. A preliminary list of fungi from the Bloemfontein District of the Orange Free State. *S. Afr. J. Sci.* 28: 298–301.
- qqq. Eliasson U, Lundqvist N. 1979. Fimicolous myxomycetes. *Bot. Notiser.* 132: 551–568.
- rrr. National Botanical Garden of Belgium (BR). 2006. Herbarium Mycologicum. <http://www.br.fgov.be>.

List of species and occurrences

Overall, 294 species representing 49 genera are known from 31 countries and territories in Africa (Fig. 1). No records of myxomycetes were found in the 27 countries and territories of Benin, Burkina Faso, Cape Verde, Guinea, Guinea-Bissau, Mali, Mauritania, Niger, Senegal and Togo in Western Africa; Central African Republic (C.A.R), Chad, Equatorial Guinea, Sao Tome and Principe as well as Sudan in Central Africa; Comoros, Djibouti, Eritrea, Mayotte and Somalia in Eastern Africa; and Botswana, Lesotho, Namibia, Swaziland and Zimbabwe in Southern Africa.

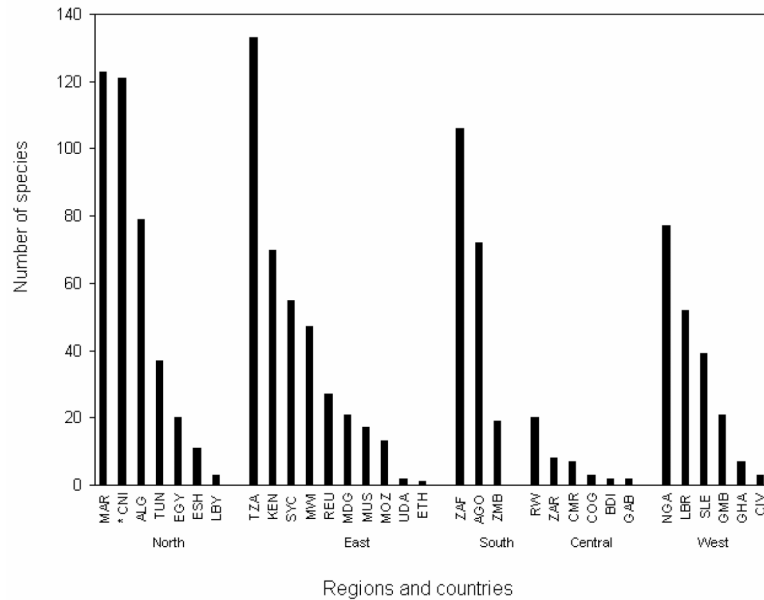


Fig. 1.

The number of species recorded for each country. Species from the Canary Islands (CNI, with an asterisk) were included for comparison purposes only. Full names for abbreviated countries are: MAR, Morocco; ALG, Algeria; TUN, Tunisia; EGY, Egypt; ESH, Western Sahara; LBY, Libya; TZA, Tanzania; KEN, Kenya; SYC, Seychelles; MWI, Malawi; REU, Reunion; MDG, Madagascar; MUS, Mauritius; MOZ, Mozambique; UDA, Uganda; ETH, Ethiopia; AGO, Angola; ZAF, South Africa; ZMB, Zambia; RWA, Rwanda; ZAR, Democratic Republic of the Congo; CMR, Cameroon; COG, Congo (Brazzaville); BDI, Burundi; GAB, Gabon; NGA, Nigeria; LBR, Liberia; SLE, Sierra Leone; GMB, Gambia; GHA, Ghana; CIV, Côte d'Ivoire.

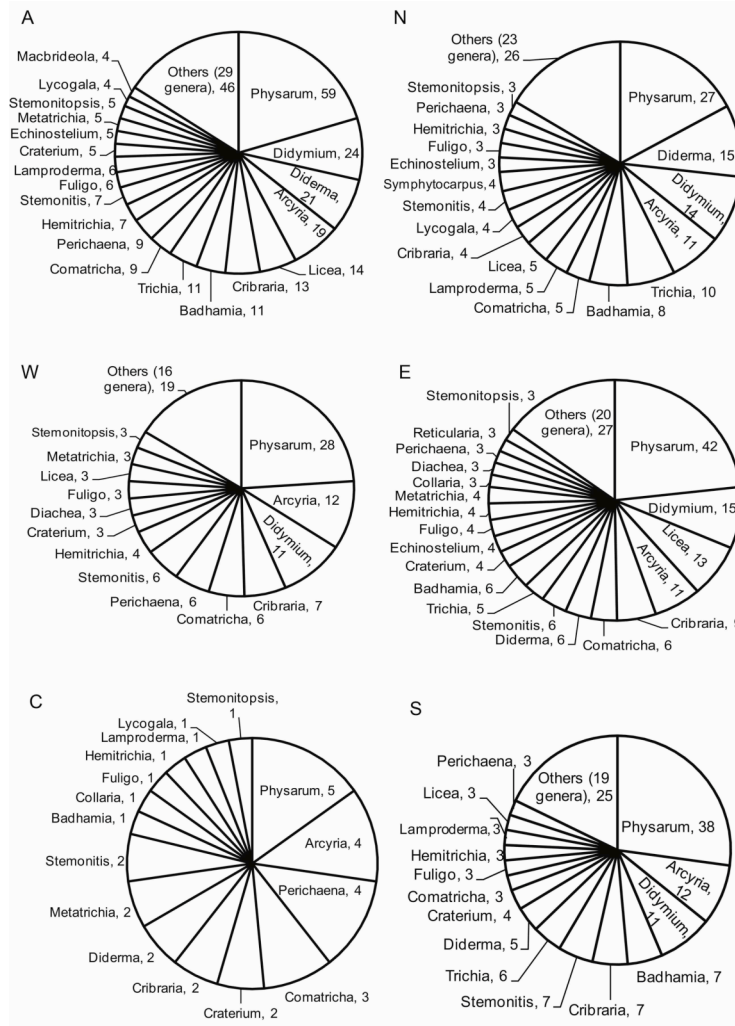


Fig. 2. Numbers of genera and species found in all countries in Africa (A) and in the five regions: N = Northern Africa, E = Eastern Africa, S = Southern Africa, C = Central Africa, and W = Western Africa.

An analyses of the number of genera and species in Africa found that *Physarum* was the most abundant, followed by *Didymium*, *Diderma*, *Arcyria*, *Licea*, *Cribraria*, *Badhamia* and *Trichia* (Fig. 2). The most frequently reported species was *Arcyria cinerea*, recorded in 19 countries. Other frequently reported species were *Stemonitis fusca* (recorded in 18 countries),

Arcyria denudata (16), *Lycogala epidendrum* (15), *Ceratiomyxa fruticulosa* (14), *Fuligo septica* (14), *Perichaena depressa* (14), *Physarum compressum* (14), *Physarum pusillum* (14), *Diderma hemisphaericum* (13), *Didymium nigripes* (13), *Metatrichia vesparia* (13), *Physarum cinereum* (13), *Hemitrichia serpula* (12), *Physarum album* (12), *Stemonitis splendens* (12), *Stemonitis axifera* (12), *Diachea leucopodia* (11), *Craterium leucocephalum* (11), *Didymium iridis* (11), *Didymium squamulosum* (11), *Didymium melanospermum* (11), *Physarum viride* (11), *Stemonitopsis typhina* (11), *Arcyria incarnata* (10), *Cribraria microcarpa* (10), *Lamproderma scintillans* (10) and *Perichaena corticalis* (10). Fifty seven species can be regarded as common (occurring in five to nine countries) and another 43 species can be considered as occasional (found in three to four countries).

In the list given below, species are arranged alphabetically, and information on each species occurrences is provided. Following each species in parentheses is the number of countries from which it has been reported in Africa (A), and then regions in Africa (N for North, E: East, S: South, C: Central, W: West) and countries in which the species has been reported. All of the 121 species known from Canary Islands are included in this list and are informally placed in the North Africa category just for comparison purposes. Species found in the Canary Islands are not included in the tally for the species of myxomycetes known from Africa.

1. *Amaurochaete atra* (Alb. & Schwein.) Rostaf. [A: 2] N: TUN. S: ZAF.
2. *Arcyodes incarnata* (Alb. & Schwein.) O.F.Cook [A: 1] N: MAR.
3. *Arcyria affinis* Rostaf. [A: 1] N:CNI. E: TZA.
4. *Arcyria afroalpina* Rammeloo [A:2] E: TZA. C: RWA.
5. *Arcyria biniensis* Ejale & L.S.Gill [A: 1] W: NGA.
6. *Arcyria cinerea* (Bull.) Pers. [A: 19] N: ALG, EGY, MAR, TUN, ESH, CNI. E:KEN, MGD, MWI, MOZ, REU, SYC, TZA. S: AGO, ZAF, ZMB. W: GMB, LBR, NGA, SLE.
7. *Arcyria denudata* (L.) Wettst. [A: 16] N: ALG, MAR, CNI. E: KEN, MGD, MWI, MUS, TZA, SYC. S: AGO, ZAF, ZMB. C: CMR. W: LBR, NGA, SLE.
8. *Arcyria ferruginea* Saut.[A: 2] N: MAR, CNI. S: AGO.
9. *Arcyria globosa* Schwein.[A: 4] N: MAR, CNI. W: LBR, TZA. S: AGO.
10. *Arcyria incarnata* (Pers. ex J.F.Gmel.) Pers. [A: 10] N: ALG, MAR, TUN, CNI. E: MWI, SYC. S: AGO, ZAF. W: LBR, NGA, SLE.
11. *Arcyria insignis* Kalchbr. & Cooke [A: 9] E: KEN, TZA. S: AGO, REU, ZAF. C: CMR. W: GMB, NGA, SLE.
12. *Arcyria major* (G.Lister) Ing [A: 1] W: NGA.

13. *Arcyria minuta* Buchet [A: 7] N: CNI. E: MGD, TZA. S: AGO, ZAF, ZMB. C: RWA, ZAR.
14. *Arcyria obvelata* (Oeder) Onsberg [A: 9] N: ALG, MAR, CNI. E: KEN, MUS, TZA. S: AGO, ZAF. W: NGA, SLE.
15. *Arcyria occidentalis* (T.Macbr.) G.Lister [A: 1] N: MAR.
16. *Arcyria oerstedii* Rostaf.[A: 5] N: ALG, MAR, CNI. E: KEN. S: ZAF. W: NGA.
17. *Arcyria oerstedioides* Flatau & Schirmer [A: 1] N: MAR.
18. *Arcyria papilla* Ejale & L.S.Gill [A: 1] W: NGA.
19. *Arcyria pomiformis* (Leers) Rostaf.[A: 5] N: MAR, CNI. E: KEN, TZA. S: ZAF. W: GMB.
20. *Arcyria stipata* (Schwein.) Lister [A: 4] S: AGO. W: LBR, NGA, SLE.
21. *Arcyria versicolor* W.Phillips [A: 2] N: EGY, MAR.
22. *Badhamia affinis* Rostaf. [A: 3] N: MAR, CNI. E: TZA. S: ZAF.
23. *Badhamia apiculospora* (Härk.) Eliasson & N.Lundq. [A: 1] N: EGY.
24. *Badhamia capsulifera* (Bull.) Berk. [A: 2] N: TUN, CNI. E: TZA.
25. *Badhamia cinerascens* G.W.Martin [A: 1] N: MAR.
26. *Badhamia foliicola* Lister [A: 3] N: ALG. S: AGO, ZAF.
27. *Badhamia gigantospora* Ukkola & Härk. [A: 1] E: TZA.
28. *Badhamia macrocarpa* (Ces.) Rostaf. [A: 5] N: ALG, MAR. E: KEN, MWI. S: ZAF.
29. *Badhamia melanospora* Speg. [A: 2] N: MAR, CNI. E: KEN, TZA.
30. *Badhamia nitens* Berk. [A: 1] S: ZAF.
31. *Badhamia panicea* (Fr.) Rostaf. [A: 3] N: ALG, MAR, CNI. E: KEN.
32. *Badhamia spinispora* (Eliasson & N.Lundq.) H.W.Keller & Schokn. [A: 1] E: ETH. S: ZAF.
33. *Badhamia utricularis* (Bull.) Berk. [A: 8] N: ALG, EGY, MAR, TUN, CNI. E: MWI, MUS. S: ZAF. C: RWA.
34. *Badhamiopsis ainoae* (Yamash.) T.E.Brooks & H.W.Keller [A: 2] N: CNI. E: TZA. S: ZAF.
35. *Calomyxa metallica* (Berk.) Nieuwl. [A: 4] N: MAR, CNI. E: KEN, TZA. S: ZAF.
36. *Ceratiomyxa fruticulosa* (O.F.Müll.) T.Macbr. [A: 14]. N: ALG, EGY, MAR, TUN, CNI. E: KEN, MDG, MWI, TZA, SYC. S: ZAF, ZMB. W: LBR, NGA, SLE.
37. *Ceratiomyxa sphaerosperma* Boedijn [A: 1] E: TZA.
38. *Clastoderma debaryanum* A. Blytt [A: 2] N: EGY. E: SYC.
39. *Collaria arcyrionema* (Rostaf.) Nann.–Bremek. ex Lado [A: 7] N: MAR, CNI. E: KEN, MUS, REU, TZA. W: LBR, NGA.
40. *Collaria biasperospora* (Kowalski) Dhillon & Nann.–Bremek. ex Ing [A: 1] E: TZA.
41. *Collaria lurida* (Lister) Nann.–Bremek.[A: 2] E: MWI. C: ZAR.

42. *Collaria rubens* (Lister) Nann.–Bremek. [A: 0] N: CNI.
43. *Colloderma crassipes* Rammeloo [A: 1] E: MWI.
44. *Colloderma oculatum* (C.Lippert) G.Lister [A: 1] N: ESH.
45. *Comatricha afroalpina* Rammeloo [A: 1] C: RWA.
46. *Comatricha alta* Preuss [A: 1] S: ZAF.
47. *Comatricha elegans* (Racib.) G.Lister [A: 5] N: MAR, CNI. E: KEN, TZA. W: GMB, LBR.
48. *Comatricha ellae* Härk. [A: 1] N: CNI. E: TZA.
49. *Comatricha laxa* Rostaf. [A: 7] N: MAR, TUN, CNI. E: KEN, TZA. S: AGO. W: GMB, SLE.
50. *Comatricha nigra* (Pers. ex J.F.Gmel.) J.Schröt. [A: 9] N: ALG, ESH, MAR, TUN, CNI. E: MOZ, TZA. S: AGO, ZAF. W: NGA.
51. *Comatricha pulchella* (C.Bab.) Rostaf. [A: 8] N: ALG, ESH, MAR, CNI. E: KEN, MUS. C: CMR. W: LBR, NGA.
52. *Comatricha rigidireta* Nann.–Bremek. [A: 0] N: CNI.
53. *Comatricha suksdorfii* Ellis & Everh.[A: 1] W: NGA.
54. *Comatricha tenerrima* (M.A.Curtis) G.Lister [A: 7] N: TUN. E: KEN, MWI, TZA. S: ZAF. C: RWA. W: NGA.
55. *Cornuvia serpula* (Wigand) Rostaf. [A: 1] E: TZA.
56. *Craterium aureonucleatum* Nann.–Bremek. [A: 0] N: CNI.
57. *Craterium aureum* (Schumach.) Rostaf. [A: 9] N: ALG, MAR, CNI. E: KEN, SYC, TZA. S: AGO, ZAF. W: LBR, NGA.
58. *Craterium concinnum* Rex [A: 3] E: KEN, MWI. C: RWA.
59. *Craterium dictyosporum* (Rostaf.) H.Neubert, Nowotny & K.Baumann [A: 1] N: CNI. S: ZAF.
60. *Craterium leucocephalum* (Pers. ex J.F.Gmel.) Ditmar [A: 11] N: MAR, ESH, CNI. E: MDG, TZA. S: AGO, ZAF, ZMB. C: BDI, RWA. W: CIV, LBR.
61. *Craterium minutum* (Leers) Fr.[A: 6] N: CNI. E: KEN, MOZ. S: AGO, ZAF. W: LBR, NGA.
62. *Craterium obovatum* Peck [A: 0] N: CNI.
63. *Cribraria argillacea* (Pers. ex J.F.Gmel.) Pers. [A: 1] S: ZAF.
64. *Cribraria aurantiaca* Schrad. [A: 2] N: ALG. E: TZA.
65. *Cribraria cancellata* (Batsch) Nann.–Bremek. [A: 6] N: ALG, CNI. E: TZA. S: AGO, ZAF. W: NGA, SLE.
66. *Cribraria confusa* Nann.–Bremek. & Y.Yamam. [A: 1] E: TZA.
67. *Cribraria intricata* Schrad. [A: 5] E: MDG, MUS. S: ZAF. W: NGA, SLE.
68. *Cribraria languescens* Rex [A: 4] E: MWI, SYC. S: ZMB. W: NGA.
69. *Cribraria lepida* Meyl. [A: 1] W: NGA.
70. *Cribraria macrocarpa* Schrad. [A: 1] N: MAR.

71. *Cribraria microcarpa* (Schrad.) Pers.[A: 10] N: MAR. E: MWI, MUS, TZA, SYC. S: AGO. C: ZAR, RWA. W: LBR, NGA.
72. *Cribraria minutissima* Schwein. [A: 3] E: MWI, TZA. W: GMB.
73. *Cribraria oregana* H.C.Gilbert [A: 2] E: KEN, MWI.
74. *Cribraria tenella* Schrad. [A: 1] S: ZAF.
75. *Cribraria violacea* Rex [A: 9] N: CNI. E: KEN, MUS, REU, SYC, TZA. S: ZMB. C: CMR. W: GMB, NGA.
76. *Cribraria vulgaris* Schrad. [A: 0] N: CNI.
77. *Diachea bulbilosa* (Berk. & Broome) Lister [A: 2] E: SYC. W: LBR.
78. *Diachea leucopodia* (Bull.) Rostaf. [A: 11]. N: ALG, MAR, CNI. E: KEN, MOZ, TZA, SYC. S: AGO, ZAF. W: LBR, NGA, SLE.
79. *Diachea radiata* G. Lister & Petch [A: 2] E: SYC. N: NGA.
80. *Dianema corticatum* Lister [A: 1] E: TZA.
81. *Dictydiaethalium plumbeum* (Schumach.) Rostaf. [A: 6] N: ALG, MAR, CNI. E: TZA. S: ZAF. W: NGA, SLE.
82. *Diderma chondrioderma* (de Bary & Rostaf.) G.Lister [A: 4] N: MAR, TUN. E: KEN. S: AGO.
83. *Diderma crustaceum* Peck [A: 1] N: MAR.
84. *Diderma deplanatum* Fr. [A: 1] E: TZA.
85. *Diderma effusum* (Schwein.) Morgan [A: 9] N: EGY, MAR, CNI. E: KEN, MDG, SYC, TZA. S: ZAF. W: LBR, NGA.
86. *Diderma fallax* (Rostaf.) Lado.[A: 1] N: MAR.
87. *Diderma globosum* Pers [A: 2] N: ALG, MAR.
88. *Diderma hemisphaericum* (Bull.) Hornem. [A: 13] N: ALG, MAR, TUN, CNI. E: KEN, MDG, MWI, TZA, SYC. S: AGO, ZAF. W: GMB, LBR, SLE.
89. *Diderma montanum* (Meyl.) Meyl. [A: 1] N: MAR.
90. *Diderma niveum* (Rostaf.) T. Macbr. [A: 2] N: ALG, MAR.
91. *Diderma ochraceum* Hoffm. [A: 1] N: MAR.
92. *Diderma petaloides* Buyck [A: 1] N: RWA.
93. *Diderma peyerimhoffii* (Maire & Pinoy) H.Neubert [A: 1] N: ALG.
94. *Diderma radiatum* (L.) Morgan [A: 2] N: ALG, MAR, CNI.
95. *Diderma rugosum* (Rex) T.Macbr. [A: 1] E: TZA.
96. *Diderma saundersii* (Berk. & Broome ex Masee) Lado [A: 1] S: ZAF.
97. *Diderma simplex* (J.Schröt.) G.Lister [A: 2] N: ALG, ESH.
98. *Diderma spumarioides* (Fr.) Fr. [A: 3] N: ALG, MAR. E: MOZ.
99. *Diderma subasteroides* M.L.Farr [A: 2] E: MWI. C: RWI.
100. *Diderma subdictyospermum* (Rostaf.) G.Lister [A: 2] E: KEN. S: ZAF.
101. *Diderma testaceum* (Schrad.) Pers.[A: 2] N: ALG, MAR.
102. *Diderma umbilicatum* Pers.[A: 1] N: ALG.
103. *Didymium anellus* Morgan [A: 5] E: KEN, SYC, TZA. S: AGO. W: GMB.

104. *Didymium bahiense* Gottsb. [A: 4] E: KEN, MWI, REU, TZA.
105. *Didymium chryso sporum* T.N.Lakh. & K.G.Mukerji [A: 1] S: ZMB.
106. *Didymium clavus* (Alb. & Schwein.) Rabenh. [A: 5] N: MAR, CNI. E: KEN, TZA. S: AGO, ZMB.
107. *Didymium crustaceum* Fr. [A: 3] N: ALG, MAR. S: AGO.
108. *Didymium delhianum* T.N.Lakh. & K.G.Mukerji [A: 1] S: ZMB.
109. *Didymium difforme* (Pers.) Gray [A: 7] N: ALG, TUN, CNI. E: KEN, TZA. S: AGO, ZAF. W: GMB, LBR.
110. *Didymium dubium* Rostaf. [A: 0] N: CNI.
111. *Didymium eximium* Peck [A: 5] N: ALG, MAR, CNI. E: SYC. S: ZAF. W: LBR.
112. *Didymium floccosum* G.W.Martin, K.S.Thind & Rehill [A: 1] E: SYC.
113. *Didymium intermedium* J.Schröt. [A: 1] E: SYC.
114. *Didymium iridis* (Ditmar) Fr. [A: 11] N: ALG, LBY, MAR, TUN, ESH. E: KEN, MWI, TZA. S: ZAF. W: LBR, SLE.
115. *Didymium leoninum* Berk. & Broome [A: 3] N: MAR. E: SYC, TZA.
116. *Didymium megalosporum* Berk. & M.A.Curtis [A: 2] N: ALG, CNI. W: SLE.
117. *Didymium melanospermum* (Pers.) T.Macbr. [A: 12] N: ALG, EGY, MAR, TUN, CNI. E: MWI, SYC, UGA. S: AGO, ZAF. W: LBR, NGA.
118. *Didymium minus* (Lister) Morgan [A: 6] N: MAR, CNI. E: KEN, SYC, TZA. W: LBR, NGA.
119. *Didymium nigripes* (Link) Fr. [A: 13] N: ALG, MAR, TUN, CNI. E: KEN, MWI, MOZ, REU, SYC, TZA. S: AGO, ZAF. W: CIV, LBR.
120. *Didymium ochroideum* G.Lister [A: 1] E: KEN.
121. *Didymium quitense* (Pat.) Torrend [A: 1] N: CNI. W: GMB.
122. *Didymium saturnus* H.W.Keller [A: 1] E: KEN.
123. *Didymium serpula* Fr. [A: 1] N: TUN, CNI.
124. *Didymium squamulosum* (Alb. & Schwein.) Fr. [A: 10] N: ALG, MAR, TUN, CNI. E: MWI, SYC, TZA. S: AGO, ZAF, ZMB. W: LBR.
125. *Didymium trachysporum* G.Lister [A: 1] N: MAR, CNI.
126. *Didymium vaccinum* (Durieu & Mont.) Buchet [A: 3] N: ALG, MAR, CNI. W: LBR.
127. *Didymium verrucosporum* A.L.Welden [A: 2] N: CNA. E: MWI, SYC.
128. *Echinostelium bisporum* (L.S.Olive & Stoian.) K.D.Whitney & L.S.Olive [A: 3] E: KEN, MWI, TZA.
129. *Echinostelium coelocephalum* T.E.Brooks & H.W.Keller [A: 1] S: ZAF.

130. *Echinostelium colliculosum* K.D.Whitney & H.W.Keller [A: 2] N: TUN. E: TZA.
131. *Echinostelium cribrarioides* Alexop. [A: 1] S: ZAF.
132. *Echinostelium elachiston* Alexop. [A: 2] N: TUN, CNI. E: TZA.
133. *Echinostelium minutum* de Bary [A: 4] N: EGY, TUN, CNI. E: TZA. W: GMB.
134. *Elaeomyxa cerifera* (G.Lister) Hagelst. [A: 1] N: LBY.
135. *Enerthenema papillatum* (Pers.) Rostaf. [A: 4] N: MAR, CNI. E: TZA. S: ZAF. W: NGA.
136. *Fuligo aurea* (Penz.) Y.Yamam. [A: 1] E: REU.
137. *Fuligo cinerea* (Schwein.) Morgan [A: 7] N: MAR. E: KEN, MDG, TZA. S: AGO, ZAF. W: NGA.
138. *Fuligo intermedia* T.Macbr. [A: 2] E: MDG. W: SLE.
139. *Fuligo megaspora* Sturgis [A: 1] N: MAR.
140. *Fuligo muscorum* Alb & Schwein. [A: 1] S: ZAF.
141. *Fuligo septica* (L.) F.H.Wigg. [A: 14] N: ALG, MAR, TUN, CNI. E: MDG, MWI, MUS, REU, TZA, SYC. S: ZAF. C: ZAR. W: LBR, NGA, SLE.
142. *Hemitrichia abietina* (Wigand) G.Lister [A: 1] N: MAR, CNI.
143. *Hemitrichia calyculata* (Speg.) M.L.Farr [A: 8] E: KEN, MWI, MUS, REU, SYC, TZA. S: ZMB. C: ZAR.
144. *Hemitrichia chrysospora* (Lister) Lister [A: 1] E: MWI.
145. *Hemitrichia clavata* (Pers.) Rostaf. [A: 9] N: ALG, MAR, CNI. E: MWI, MUS, MOZ. S: AGO, ZAF. W: NGA, SLE.
146. *Hemitrichia minor* G.Lister [A: 1] W: GMB.
147. *Hemitrichia rubrobrunnea* Rammeloo [A: 1] W: SLE.
148. *Hemitrichia serpula* (Scop.) Rostaf. ex Lister [A: 12] N: ALG. E: KEN, MDG, MWI, REU, SYC, TZA. S: AGO, ZAF. W: LBR, NGA, SLE.
149. *Kelleromyxa fimicola* (Dearn. & Bisby) Eliasson [A: 1] E: KEN.
150. *Lamproderma arcyrioides* (Sommerf.) Rostaf. [A: 3] N: ALG, MAR. S: ZAF.
151. *Lamproderma columbinum* (Pers.) Rostaf. [A: 2] N: ALG, MAR.
152. *Lamproderma cribrarioides* (Fr.) R.E.Fr. [A: 1] N: MAR.
153. *Lamproderma echinulatum* (Berk.) Rostaf. [A: 1] S: AGO.
154. *Lamproderma sauteri* Rostaf. [A: 1] N: MAR.
155. *Lamproderma scintillans* (Berk. & Broome) Morgan [A: 9] N: EGY, MAR. E: MWI, TZA. S: AGO, ZAF, ZMB. C: RWA. W: LBR.
156. *Leocarpus fragilis* (Dicks.) Rostaf. [A: 5] N: ALG, MAR, CNI. E: MWI. S: AGO, ZAF.
157. *Lepidoderma tigrinum* (Schrad.) Rostaf. [A: 1] N: EGY.

158. *Lepidoderma trevelyanii* (Grev.) Poulain & Mar.Mey. [A: 2] N: ALG, MAR.
159. *Leptoderma iridescens* G.Lister [A: 1] E: TZA.
160. *Licea alexopouli* M.Blackw.[A: 2] E: KEN, TZA.
161. *Licea belmontiana* Nann.–Bremek. [A: 1] N: CNI. E: TZA.
162. *Licea biforis* Morgan [A: 7] N: EGY, TUN, CNI. E: MDG, REU, TZA.
S: ZAF. W: NGA.
163. *Licea bulbosa* Nann.–Bremek. & Y.Yamam. [A: 1] E: TZA.
164. *Licea castanea* G.Lister [A: 0] N: CNI.
165. *Licea kleistobolus* G.W.Martin [A: 4] N: TUN, CNI. E: TZA. S: ZAF.
W: NGA.
166. *Licea marginata* Nann.–Bremek. [A: 0] N: CNI.
167. *Licea minima* Fr. [A: 0] N: CNI.
168. *Licea nannengae* Pando & Lado [A: 1] E: TZA.
169. *Licea operculata* (Wingate) G.W.Martin [A: 1] N: TZA.
170. *Licea parasitica* (Zukal) G.W.Martin [A: 2] N: TUN, CNI. E: TZA.
171. *Licea pedicellata* (H.C.Gilbert) H.C.Gilbert [A: 2] N: TUN. E: TZA. S:
ZAF.
172. *Licea poculiformis* Ukkola [A: 1] E: TZA.
173. *Licea pseudoconica* T.E.Brooks & H.W.Keller [A: 1] E: TZA.
174. *Licea pusilla* Schrad. [A: 1] N: CNI. W: NGA.
175. *Licea scyphoides* T.E.Brooks & H.W.Keller [A: 1] E: TZA.
176. *Licea tenera* E.Jahn [A: 2] N: MAR. E: KEN.
177. *Licea variabilis* Schrad. [A: 1] E: TZA.
178. *Lycogala conicum* Pers. [A: 1] N: EGY.
179. *Lycogala epidendrum* (L.) Fr. [A: 15] N: ALG, EGY, MAR, CNI. E:
MWI, MUS, SYC, TZA. S: AGO, ZAF, ZMB. C: CMR, ZAR. W:
LBR, NGA, SLE.
180. *Lycogala exiguum* Morgan [A: 1] N: MAR. E: REU, TZA. W: NGA,
SLE.
181. *Lycogala flavofuscum* (Ehrenb.) Rostaf. [A: 2] N: MAR. S: ZAF.
182. *Macbrideola cornea* (G.Lister & Cran) Alexop. [A: 1] N: MAR, CNI.
183. *Macbrideola martinii* (Alexop. & Beneke) Alexop. [A: 2] E: TZA. W:
GMB.
184. *Macbrideola oblonga* Pando & Lado [A: 1] E: KEN.
185. *Macbrideola synsporos* (Alexop.) Alexop. [A: 1] E: TZA.
186. *Metatrichia arundinariae* (Rammeloo) T.N.Lakh. & K.G.Mukerji [A:
3] E: MWI. C: RWA, ZAR.
187. *Metatrichia floriformis* (Schwein.) Nann.–Bremek. [A: 2] N: CNI. E:
MWI, TZA. W: LBR.
188. *Metatrichia floripara* (Rammeloo) Rammeloo [A: 1] N: RWA.
189. *Metatrichia horrida* Ing [A: 3] E: TZA. S: AGO. C: NGA.

190. *Metatrichia vesparia* (Batsch) Nann.–Bremek. ex. G.W.Martin & Alexop. [A: 13] N: ALG, EGY, LBY, MAR, CNI. E: KEN, MDG, MWI, MAS, REU, SYC, TZA. S: AGO, ZAF, ZMB. W: NGA.
191. *Mucilago crustacea* F.H.Wigg. [A: 5] N: ALG, MAR, TUN. S: AGO, ZAF.
192. *Oligonema flavidum* (Peck) Peck [A: 1] N: ALG.
193. *Oligonema schweinitzii* (Berk.) G.W.Martin [A: 4] N: ALG, MAR, ESH. S: ZAF.
194. *Paradiachea cylindrica* (Bilgram) Hertel ex H.Neubert, Nowotny & K.Baumann [A: 1] E: TZA.
195. *Paradiacheopsis cribrata* Nann.–Bremek. [A: 0] N: CNI.
196. *Paradiacheopsis erythropodia* (Ing) Nann.–Bremek. [A: 1] W: NGA.
197. *Paradiacheopsis longipes* Hoof & Nann.–Bremek. [A: 1] E: TZA.
198. *Paradiacheopsis rigida* (Brândză) Nann.–Bremek. [A: 2] N: MAR. E: TZA.
199. *Perichaena areolata* Rammeloo [A: 1] C: RWA.
200. *Perichaena chrysosperma* (Curr.) Lister [A: 7] E: KEN, MWI, TZA. S: AGO. W: GMB, LBR, NGA.
201. *Perichaena corticalis* (Batsch) Rostaf. [A: 10] N: ALG, MAR, CNI. E: KEN, MWI, SYC, TZA. S: AGO, ZAF. C: COG. W: GMB.
202. *Perichaena depressa* Lib. [A: 14] N: ALG, EGY, MAR. E: KEN, MDG, MWI, REU, SYC, TZA. S: AGO, ZAF. W: LBR, NGA, SLE.
203. *Perichaena dictyonema* Rammeloo [A: 2] E: KEN. C: RWA.
204. *Perichaena heterobaculata* Rammeloo [A: 1] C: RWA.
205. *Perichaena microspora* Penz. & Lister [A: 1] W: LBR.
206. *Perichaena pulcherrima* Petch [A: 1] W: SLE.
207. *Perichaena quadrata* T.Macbr., N. Amer. [A: 1] E: TZA.
208. *Perichaena vermicularis* (Schwein.) Rostaf. [A: 4] N: ALG, MAR. W: NGA. E: TZA.
209. *Physarella oblonga* (Berk. & M.A.Curtis) Morgan [A: 6] N: EGY. E: TZA. S: AGO, ZAF. W: LBR, NGA.
210. *Physarum aeneum* (Lister) R.E.Fr. [A: 0] N: CNI.
211. *Physarum albescens* Ellis ex T.Macbr. [A: 1] N: MAR.
212. *Physarum album* (Bull.) Chevall. [A: 12] N: ALG, MAR, TUN, CNI. E: KEN, MWI, REU, SYC, TZA. S: AGO, ZAF. W: NGA, SLE.
213. *Physarum auriscalpium* Cooke [A: 3] N: MAR, CNI. E: TZA. S: ZAF.
214. *Physarum bitectum* G.Lister [A: 4] N: MAR, CNI. E: TZA. S: AGO, ZAF.
215. *Physarum bivalve* Pers. [A: 9] N: ALG, MAR, CNI. E: KEN, MWI, MOZ. S: AGO, ZAF, ZMB. C: RWA.

216. *Physarum bogoriense* Racib. [A: 8] N: MAR. E: KEN, SYC, TZA. S: AGO, ZAF. W: LBR, NGA.
217. *Physarum brunneolum* (W.Phillips) Masee [A: 0] N: CNI.
218. *Physarum cinereum* (Batsch) Pers. [A: 13] N: ALG, MAR, TUN, CNI. E: KEN, MDG, MWI, REU, SYC. S: AGO, ZAF. W: GMB, NGA, SLE.
219. *Physarum citrinum* Schumach. [A: 4] E: TZA. S: AGO, ZAF. W: LBR.
220. *Physarum compressum* Alb. & Schwein. [A: 14] N: ALG, MAR, ESH, CNI. E: KEN, SYC, TZA. S: AGO, ZAF. C: COG, GAB. W: GMB, CIV, LBR, NGA.
221. *Physarum confertum* T.Macbr. [A: 1] S: ZAF.
222. *Physarum conglomeratum* (Fr.) Rostaf. [A: 1] N: CNI.
223. *Physarum contextum* (Pers.) Pers. [A: 3] N: ALG, MAR, CNI. E: MOZ.
224. *Physarum crateriforme* Petch [A: 4] N: CNI. E: KEN, SYC, TZA. W: NGA.
225. *Physarum decipiens* M.A.Curtis [A: 1] N: MAR, CNI.
226. *Physarum degawae* (Nann.–Bremek. & Y.Yamam.) Y.Yamam. [A: 1] E: TZA.
227. *Physarum dictyosporum* G.W.Martin [A: 1] E: SYC.
228. *Physarum diderma* Rostaf. [A: 2] N: MAR. E: TZA.
229. *Physarum didermoides* (Pers.) Rostaf. [A: 6] N: ALG, ESH, CNI. E: KEN. S: ZAF. C: CMR. W: SLE.
230. *Physarum digitatum* G.Lister & Farquharson [A: 2] S: ZAF. W: NGA.
231. *Physarum echinosporum* Lister [A: 4] E: KEN, MOZ, SYC, TZA. C: AGO.
232. *Physarum flavicomum* Berk. [A: 3] S: AGO, ZAF. W: SLE.
233. *Physarum fulgens* Pat. [A: 1] E: TZA.
234. *Physarum globuliferum* (Bull.) Pers. [A: 7] N: EGY, MAR. E: MOZ, SYC, TZA. S: AGO. W: LBR.
235. *Physarum gyrosum* Rostaf. [A: 3] S: AGO, ZAF. W: NGA.
236. *Physarum javanicum* Racib. [A: 2] E: TZA. S: ZAF.
237. *Physarum lakhanpalii* Nann.–Bremek. & Y.Yamam. [A: 1] E: TZA.
238. *Physarum lateritium* (Berk. & Ravenel) Morgan [A: 1] W: NGA.
239. *Physarum leucophaeum* Fr. [A: 6] N: ALG, MAR, TUN, CNI. E: TZA. S: ZAF. W: SLE.
240. *Physarum leucopus* Link [A: 5] N: ALG, MAR, ESH. E: SYC. S: ZAF.
241. *Physarum licheniforme* (Schwein.) Lado [A: 0] E: CNI.
242. *Physarum luteolum* Peck [A: 2] E: MOZ. S: AGO.

243. *Physarum melleum* (Berk. & Broome) Masee [A: 7] E: KEN, MDG, SYC, TZA. S: ZAF. W: LBR, NGA.
244. *Physarum mutabile* (Rostaf.) G.Lister [A: 7] N: MAR. E: SYC, TZA. S: AGO, ZAF. C: CMR. W: NGA.
245. *Physarum nicaraguense* T.Macbr. [A: 2] E: SYC. W: SLE.
246. *Physarum notabile* T.Macbr. [A: 2] E: TZA. S: ZAF.
247. *Physarum nucleatum* Rex [A: 9] N: ALG, ESH. E: MUS, REU, TZA. S: ZAF. W: LBR, NGA, SLE.
248. *Physarum oblatum* T.Macbr. [A: 3] E: SYC, TZA. W: NGA.
249. *Physarum ovisporum* G.Lister [A: 2] N: CNI. E: TZA. S: ZAF.
250. *Physarum penetrale* Rex. [A: 1] S: ZAF.
251. *Physarum perfectum* M.Peck [A: 1] E: TZA.
252. *Physarum pezizoideum* (Jungh.) Pavill. & Lagarde [A: 7] E: MDG, TZA. S: AGO, ZAF. W: LBR, NGA, LBR.
253. *Physarum polycephalum* Schwein. [A: 1] S: AGO.
254. *Physarum psittacinum* Ditmar [A: 2] E: MWI, TZA.
255. *Physarum pusillum* (Berk. & M.A.Curtis) G.Lister [A: 14] N: ALG, LBV, MAR, TUN, CNI. E: KEN, MWI, SYC, TZA. S: AGO, ZAF. C: GAB, ZAR. W: GMB, NGA.
256. *Physarum reniforme* (Masee) G.Lister [A: 1] W: NGA.
257. *Physarum retisporum* G.W.Martin, K.S.Thind & Rehill [A: 1] S: AGO.
258. *Physarum rigidum* (G.Lister) G.Lister [A: 2] S: ZMB. W: NGA.
259. *Physarum robustum* (Lister) Nann.–Bremek. [A: 0] N: CNI.
260. *Physarum roseum* Berk. & Broome [A: 5] N: CNI. E: REU, SYC. S: AGO, ZAF. W: NGA.
261. *Physarum schroeteri* Rostaf. [A: 1] N: MAR.
262. *Physarum serpula* Morgan [A: 3] N: TUN, CNI. E: KEN, SYC.
263. *Physarum sessile* Brândză [A: 3] N: MAR. E: MOZ. S: AGO.
264. *Physarum spectabile* Nann.–Bremek., Lado & G.Moreno [A: 0] E: CNI.
265. *Physarum stellatum* (Masee) G.W.Martin [A: 7] N: MAR. E: REU, SYC, TZA. S: ZAF. W: LBR, NGA.
266. *Physarum straminipes* Lister [A: 1] E: KEN.
267. *Physarum sulphureum* Alb. & Schwein. [A: 3] N: MAR. S: AGO. W: SLE.
268. *Physarum superbum* Hagelst. [A: 1] E: TZA.
269. *Physarum tenerum* Rex [A: 6] N: MAR. E: REU, SYC. S: AGO, ZAF. W: SLE.
270. *Physarum tessellatum* G.W.Martin & M.L.Farr [A: 1] W: LBR.
271. *Physarum venum* Sommerf. [A: 5] N: ALG, MAR, CNI. E: TZA. S: AGO, ZAF.

272. *Physarum virescens* Ditmar [A: 4] N: ALG, EGY, MAR, CNI. E: TZA.
273. *Physarum viride* (Bull.) Pers. [A: 11] N: ALG, EGY, MAR, CNI. E: MDG, REU, SYC, TZA. S: AGO, ZAF. W: LBR, NGA.
274. *Prototrichia metallica* (Berk.) Masee [A: 1] N: MAR.
275. *Reticularia intermedia* Nann.–Bremek. [A: 1] N: CNI. E: TZA.
276. *Reticularia lycoperdon* Bull. [A: 7] N: ALG, MAR, TUN, CNI. E: KEN, MUS. S: ZAF. W: NGA.
277. *Reticularia splendens* Morgan [A: 2] E: MWI. W: LBR.
278. *Stemonaria irregularis* (Rex) Nann.–Bremek., R.Sharma & Y.Yamam. [A: 2] N: MAR. S: ZAF.
279. *Stemonaria longa* (Peck) Nann.–Bremek. [A: 9] N: MAR. E: KEN, MUS, TZA. S: ZAF. W: GHA, LBR, NGA, SLE.
280. *Stemonitis axifera* (Bull.) T.Macbr. [A: 12] N: ALG, MAR, TUN, CNI. E: MDG, MWI, TZA. S: ZAF, ZMB. C: RWA. W: GHA, LBR, NGA.
281. *Stemonitis flavogenita* E.Jahn [A: 7] N: MAR. E: KEN, SYC. S: AGO. W: GHA, NGA, SLE.
282. *Stemonitis fusca* Roth [A: 18] N: ALG, MAR, TUN, CNI. E: KEN, MDG, MWI, MUS, SYC, TZA. S: AGO, ZAF, ZMB. C: BDI, RWA, ZAR. W: GMB, LBR, NGA.
283. *Stemonitis herbatICA* Peck [A: 8] E: KEN, REU, SYC. S: AGO, ZAF. W: GHA, NGA, SLE.
284. *Stemonitis pallida* Wingate [A: 4] E: TZA. S: AGO, ZAF. W: NGA.
285. *Stemonitis splendens* Rostaf. [A: 12] N: ALG, MAR, CNI. E: REU, SYC, TZA, UGA. S: AGO, ZAF. W: GHA, LBR, NGA, SLE.
286. *Stemonitis uvifera* T.Macbr. [A: 1] S: AGO.
287. *Stemonitopsis aequalis* (Peck) Y.Yamam. [A: 4] N: MAR. E: REU. W: LBR, NGA.
288. *Stemonitopsis hyperopta* (Meyl.) Nann.–Bremek. [A: 1] N: CNI. W: GMB.
289. *Stemonitopsis microspora* (Lister) Nann.–Bremek. [A: 1] N: CNI. E: TZA.
290. *Stemonitopsis subcaespitosa* (Peck) Nann.–Bremek. [A: 1] N: MAR, CNI.
291. *Stemonitopsis typhina* (F.H.Wigg.) Nann.–Bremek. [A: 11] N: ALG, MAR, CNI. E: KEN, MWI, SYC, TZA. S: ZAF. C: RWA. W: GHA, LBR, NGA.
292. *Symphytocarpus confluens* (Cooke & Ellis) Ing & Nann.–Bremek. [A: 1] N: ALG.
293. *Symphytocarpus flaccidus* (Lister) Ing & Nann.–Bremek. [A: 1] N: MAR.

294. *Symphytocarpus trechisporus* (Berk. ex Torrend) Nann.–Bremek. [A: 2] N: ALG. W: GHA.
295. *Trichia affinis* de Bary [A: 2] N: ALG, CNI. S: ZAF.
296. *Trichia alpina* (R.E.Fr.) Meyl. [A: 1] N: MAR.
297. *Trichia botrytis* (J.F.Gmel.) Pers. [A: 5] N: ALG, MAR, CNI. E: TZA. S: ZAF.
298. *Trichia contorta* (Ditmar) Rostaf. [A: 1] N: MAR, CNI.
299. *Trichia decipiens* (Pers.) T.Macbr. [A: 4] N: ALG, MAR, TUN, CNI. E: TZA.
300. *Trichia favoginea* (Batsch) Pers. [A: 7] N: ALG, EGY, TUN, CNI. E: KEN, TZA. S: ZAF. W: LBR.
301. *Trichia flavicoma* (Lister) Ing [A: 1] N: ALG.
302. *Trichia lutescens* (Lister) Lister [A: 1] N: MAR.
303. *Trichia munda* (Lister) Meyl. [A: 0] N: CNI.
304. *Trichia persimilis* P.Karst. [A: 5] N: ALG, MAR, CNI. E: MWI, REU. S: ZAF.
305. *Trichia scabra* Rostaf. [A: 2] N: CNI. E: REU. S: ZAF.
306. *Trichia varia* (Pers. ex J.F.Gmel.) Pers. [A: 3] N: ALG, MAR, CNI. S: ZAF.
307. *Trichia verrucosa* Berk [A: 0] N: CNI.
308. *Tubulifera arachnoidea* Jacq. [A: 5] N: ALG, MAR, CNI. S: ZAF. W: LBR, NGA.
309. *Tubulifera bombardata* (Berk. & Broome) Lado [A: 1] E: TZA.
310. *Tubulifera microsperma* (Berk. & M.A.Curtis) Lado [A: 1] E: MDG, TZA.
311. *Willkommangea reticulata* (Alb. & Schwein.) Kuntze [A: 1] N: CNI. S: ZAF.