



First checklist of the African Great Lakes Region basidiomycetes

Première *check-list* des basidiomycètes de la région des Grands Lacs africains

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Résumé : Une *check-list* de 634 espèces de basidiomycètes, dont 115 sont comestibles, a été établie sur base des données rassemblées lors de missions réalisées dans la région des Grands Lacs africains et dont les collections sont disponibles dans l'herbier du Jardin Botanique de Meise. Une centaine de taxons, auxquels a été attribué un nom accepté pour une espèce présente en Europe, ont été mis en exergue, démontrant la nécessité de réétudier en détail la taxonomie des spécimens en question afin de confirmer leur identification.

Mots-clés : *check-list*, taxonomie, champignons, RD Congo, Burundi, Rwanda

Abstract: A checklist of 634 species of Basidiomycota, of which 115 are edible, was established based on data from missions carried out in the African Great Lakes Region and whose collections are available at the herbarium of the Meise Botanic Garden. About a hundred taxa that have been assigned a name accepted for a European species have been highlighted, demonstrating the need of further taxonomic studies to confirm their identification.

Keywords: checklist, taxonomy, fungi, DR Congo, Burundi, Rwanda

INTRODUCTION

Attempts to estimate and keep biodiversity are hampered by a lack of information on many taxonomic groups, especially the most species-rich groups (SCHMIT *et al.*, 2005). Despite the efforts made in the past, a significant gap remains to be filled in our knowledge of species diversity. Only a small number of species have been described by scientists: 14% of those living on the continents and 9% of those living in the oceans (MORA *et al.*, 2011). This gap highlights the fundamental role of taxonomy for biodiversity and biological studies in general (PHUKHAMSAKDA *et al.*, 2022). Taxonomic studies are therefore essential as they are the key to studying the ecology of a species, its potential uses, and threats of extinction. According to CHEEK and colleagues (2020), taxonomy is increasingly important for biodiversity conservation because the species that remain unknown are often those most likely to be at risk of extinction.

The gap is the deepest in fungi diversity knowledge where more than 90% of species remain to be discovered (SCHMIT *et al.*, 2005; MUELLER & SCHMIT, 2007; BLACKWELL, 2011; NJOUONKOU, 2011; HAWKSWORTH & LÜCKING, 2017; CHEEK *et al.*, 2020). Out of an estimated total number of 2.2 to 3.8 million species of fungi, only 148,000 species are known, i.e. a proportion of 4 to 7% (HAWKSWORTH & LÜCKING, 2017; CHEEK *et al.*, 2020).

Thanks to the progress made in molecular analysis methods applied to fungi, there has been a tremendous increase in the number of taxa described over the last two decades at rates exceeding 2000 new species per year (CHEEK *et al.*, 2020; PHUKHAMSAKDA *et al.*, 2022). Nevertheless, at this rate, it will take over 1500 years to describe the remaining fungal species (MUELLER & SCHMIT, 2007).

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Large Fungi (part of Ascomycota, and Basidiomycota) are the best studied groups (BLACKWELL, 2011; CHEEK *et al.*, 2020) with an estimated 16-41% species known (MUELLER *et al.*, 2007; TRIPATHI *et al.*, 2017). However, there are disparities in terms of the number of species described within the different fungal groups. Thus, taxa with species of economic interest have been favored and more than 2,500 species of mushrooms recognized as edible have been described till now (MOSSEBO, 2002; FAO, 2006; DE KESEL *et al.*, 2002; DEGREEF *et al.*, 2016; MILENGE *et al.*, 2021).

Despite their role as a major component of the biocenosis, fungi are not often considered in the framework of global biodiversity protection policies, such as the Convention on Biological Diversity (CBD). Moreover, fungi remain foreign to current discussions on major environmental issues while they are also threatened by habitat degradation, land use and climate changes. About 5% of European and Central Asian large fungi are endangered of extinction (YUN CAO *et al.*, 2021), but such data are not yet available for Africa. What concerns fungal diversity, Africa remains one of the least explored continents (RAMMELOO & WALLEYN, 1993; WALLEYN & RAMMELOO, 1994) with only 9% of the world's known species (CHEEK *et al.*, 2020).

The paucity of literature on African large fungi contrasts with its great diversity (RAMMELOO & WALLEYN, 1993; EYI NDONG *et al.*, 2011; NJOUONKOU, 2011). Based on ratios of the number of flowering plants species and large fungi (5:1 to 2:1), the total number of African large fungi species would be 10,000 to 25,000. Of these, only 2,250 species are known which means that ~75-90% remains to be discovered (MUELLER *et al.*, 2007).

As part of an ongoing study on large fungi in the African Great Lakes Region, a first checklist of basidiomycetes is here proposed. Challenges related to inaccurate methods used for their identification are discussed.

METHODS

This checklist is mostly based on data linked with specimens kept at the Herbarium of Meise Botanic Garden and extracted from the BR Herbarium database, partly available online on www.botanicalcollections.be. Additional data from field work carried out in Kivu province (DR Congo), Rwanda and Burundi, from the colonial period up to day, was compiled from volumes of Flore iconographique des champignons du Congo (FICC), Flore illustrée des champignons d'Afrique centrale (FICAC) and Fungus Flora of Tropical Africa (FFTA) all available online on www.FFTA-online.org.

RESULTS AND DISCUSSION

The results obtained show 357 species of basidiomycetes in North- and South-Kivu provinces (DR Congo), 149 in Rwanda and 278 in Burundi (Tab. 1).

Table 1: Checklist of basidiomycetes of the African Great Lakes region. Specimens named after an European taxon are shown in grey. + indicates that the species is edible. ^{DRC}: DR Congo; ^{RW}: Rwanda; ^{BU}: Burundi

Scientific name	Edible	Collector name and country
1 <i>Abundisporus roseoalbus</i> (Jungh.) Ryvarden		de Witte G.F. ^{DRC}
2 <i>Agaricus abruptibulbus</i> Peck		Leonetout J.J. ^{RW}
3 <i>Agaricus agrocyboides</i> Heinem. & Gooss.-Font.		Goossens-Fontana M. ^{DRC}
4 <i>Agaricus bambusae</i> Beeli		Degreef J. ^{RW} , Goossens-Fontana M. ^{DRC}
5 <i>Agaricus benzodorus</i> Heinem. & Gooss.-Font.		Goossens-Fontana M. ^{DRC}
6 <i>Agaricus bisporus</i> (J.E.Lange) Imbach	+	Goossens-Fontana M. ^{DRC}
7 <i>Agaricus brunneopunctatus</i> Linda J. Chen, Callac & L.A. Parra		Goossens-Fontana M. ^{DRC}
8 <i>Agaricus bukavuensis</i> Heinem. & Gooss.-Font.	+	Goossens-Fontana M. ^{DRC}
9 <i>Agaricus bulbillosus</i> Heinem. & Gooss.-Font.		Degreef J. ^{RW} , Goossens-Fontana M. ^{DRC}
10 <i>Agaricus campestris</i> L.	+	Goossens-Fontana M. ^{DRC} , Rizinde J.C. ^{DRC}
11 <i>Agaricus carminescens</i> Heinem. & Gooss.-Font.		Goossens-Fontana M. ^{DRC}
12 <i>Agaricus croceolutescens</i> Heinem. & Gooss.-Font.	+	Goossens-Fontana M. ^{DRC}

- 13 *Agaricus fontanae* Fraiture
- 14 *Agaricus goossensiae* Heinem.
- 15 *Agaricus haematosarcus* Heinem. & Gooss.-Font.
- 16 *Agaricus heterocystis* Heinem. & Gooss.-Font.
- 17 *Agaricus iodolens* Heinem. & Gooss.-Font.
- 18 *Agaricus kivuensis* Heinem. & Gooss.-Font.
- 19 *Agaricus laeticulus* Callac, L.A. Parra, Linda J. Chen & Raspé,
- 20 *Agaricus litoralis* (Walkef. & Pearson) Pilát
- 21 *Agaricus luteomaculatus* (F.H.Møller) F.H.Møller
- 22 *Agaricus nivescens* (F.H.Møller) F.H.Møller
- 23 *Agaricus ochrascens* Heinem. & Gooss.-Font.
- 24 *Agaricus olivellus* Heinem. & Gooss.-Font.
- 25 *Agaricus panziensis* Heinem. & Gooss.-Font.
- 26 *Agaricus pseudoniger* Heinem. & Gooss.-Font.
- 27 *Agaricus roseocingulatus* Heinem. & Gooss.-Font.
- 28 *Agaricus subaeruginosus* Berk. & Broome
- 29 *Agaricus sylvicola* (Vittad.) Peck.
- 30 *Agaricus trisulphuratus* Berk.
- 31 *Agaricus volvatulus* Heinem. & Gooss.-Font.
- 32 *Agaricus xanthosarcus* Heinem. & Gooss.-Font.
- 33 *Agrocybe cameobrunneus* Watling
- 34 *Agrocybe praecox* (Pers.) Fayod
- 35 *Agrocybe ochraceobrunnea* Watling
- 36 *Aleurodiscus botryosus* Burt
- 37 *Amanita bweyeyensis* Fraiture, Raspé & Degreef
- 38 *Amanita masasiensis* Härk. & Saarim.
- 39 *Amanita miomboensis* Pegler & Shah-Smith
- 40 *Amanita muscaria* (L.) Lam.
- 41 *Amanita phalloides* (Fr.) Link
- 42 *Amanita pudica* (Beeli) Walley
- 43 *Amanita rubescens* Pers.
- 44 *Amanita verna* (Bull.) Lam.
- 45 *Amauroderma argenteofulvum* (Van der Byl) Doidge
- 46 *Amauroderma conicum* (Lloyd) Ryvarden
- 47 *Amauroderma conjunctum* (Lloyd) Torrend
- 48 *Amauroderma fuscoporum* Wakef.
- 49 *Amauroderma grandisporum* Gulaid & Ryvarden
- 50 *Amauroderma kwiluense* (Beeli) Ryvarden
- Goossens-Fontana M. ^{DRC}
- + Degreef J. ^{RW}, Rizinde J.C. ^{DRC}
- Goossens-Fontana M. ^{DRC}
- Goossens-Fontana M. ^{DRC}
- Goossens-Fontana M. ^{DRC}
- + Degreef J. ^{RW}, Goossens-Fontana M. ^{DRC}
- Goossens-Fontana M. ^{DRC}
- Degreef J. ^{RW}, Goossens-Fontana M. ^{DRC}
- Goossens-Fontana M. ^{DRC}
- Goossens-Fontana M. ^{DRC}
- Goossens-Fontana M. ^{DRC}
- Rammelloo J. ^{BU}, Goossens-Fontana M. ^{DRC}
- Goossens-Fontana M. ^{DRC}
- Goossens-Fontana M. ^{DRC}
- Goossens-Fontana M. ^{DRC}
- + Degreef J. ^{RW}
- Rammelloo J. ^{BU}, Goossens-Fontana M. ^{DRC}, Fredericq ^{DRC}, Becquet ^{RW}
- + Degreef J. ^{RW}, Goossens-Fontana M. ^{DRC}
- Goossens-Fontana M. ^{DRC}
- Goossens-Fontana M. ^{DRC}
- Goossens-Fontana M. ^{DRC}
- Lebrun ^{DRC}
- + Degreef J. ^{RW, BU}
- + Degreef J. ^{BU}
- Nkengurutse J. ^{BU}
- Leonetout J.J. ^{RW}, Nkengurutse J. ^{BU}
- Nkengurutse J. ^{BU}
- + Rammelloo J. ^{BU}, Verbeken A. ^{BU}, Nkengurutse J. ^{BU}
- + Degreef J. ^{BU}
- Nkengurutse J. ^{BU}
- Rammelloo J. ^{BU}
- Verbeken A. ^{BU}
- Rammelloo J. ^{BU}
- Rammelloo J. ^{BU}
- Rammelloo J. ^{BU}
- Rammelloo J. ^{BU}
- Rammelloo J. ^{BU}

51	<i>Amauroderma preussii</i> (Henn.) Steyaert	Petit E.M.A. ^{BU} , Rammeloo J. ^{DRC}
52	<i>Amauroderma rugosum</i> (Blume & Nees) Torrend	Rammeloo J. ^{BU}
53	<i>Amauroderma sericatum</i> (Lloyd) Wakef.	Rammeloo J. ^{BU} , Verbeken A. ^{BU}
54	<i>Amauroderma subrugosum</i> (Bres. & Pat.) Torrend	Rammeloo J. ^{BU}
55	<i>Anthracozystis congensis</i> (Syd. & P. Syd.) McTaggart & R.G. Shivas	Germain R.G.A. ^{RW}
56	<i>Antrodia albida</i> (Fr.) Donk	Rammeloo J. ^{BU}
57	<i>Antrodia lenis</i> (P.Karst.) Ryvarden	Rammeloo J. ^{BU}
58	<i>Antrodiella semisupina</i> (Berk. & M.A.Curtis) Ryvarden	Rammeloo J. ^{BU}
59	<i>Armillaria borealis</i> Marxm. & Korhonen	+ Degreef J. ^{RW} , Rizinde J.C. ^{DRC}
60	<i>Armillaria cepistipes</i> Velen.	+ Degreef J. ^{RW}
61	<i>Armillaria heimii</i> Pegler	+ Degreef J. ^{RW} , Rizinde J.C. ^{DRC}
62	<i>Armillaria lutea</i> Gillet	+ Degreef J. ^{RW}
63	<i>Armillaria mellea</i> (Vahl) P.Kumm.	+ Fassi B. ^{DRC} , Hendrickx F.L. ^{DRC}
64	<i>Armillaria ostoyae</i> (Romagn.) Herink	+ Degreef J. ^{RW}
65	<i>Armillaria tabescens</i> (Scop.) Emel	+ Degreef J. ^{RW}
66	<i>Aseroe rubra</i> Labill	Demoulin V. ^{RW}
67	<i>Asterostroma muscicola</i> (Berk. & M.A.Curtis) Masse	Rammeloo J. ^{RW}
68	<i>Asterostroma ochroleucum</i> Bres.	Rammeloo J. ^{RW}
69	<i>Athelia rolfsii</i> (Curzi) C.C.Tu & Kimbr.	Hendrickx F.L. ^{DRC}
70	<i>Auricularia auricula-judae</i> (Bull.) Quéf.	+ Hendrickx F.L. ^{DRC} , Degreef J. ^{RW}
71	<i>Auricularia cornea</i> Ehrenb.	+ Degreef J. ^{RW} , Rizinde J.C. ^{DRC}
72	<i>Auricularia delicata</i> (Fr.) Henn.	+ Degreef J. ^{RW} , Rizinde J.C. ^{DRC}
73	<i>Auricularia mesenterica</i> (Dicks.) Pers.	+ Hendrickx F.L. ^{DRC}
74	<i>Auricularia nigricans</i> (Sw.) Birkebak, Looney & Sánchez-García	+ Hendrickx F.L. ^{DRC}
75	<i>Auriscalpium dissectum</i> Maas Geest. & Rammeloo	Rammeloo J. ^{DRC}
76	<i>Battarrea phalloides</i> (Dicks.) Pers.	Demoulin V. ^{BU}
77	<i>Bjerkandera adusta</i> (Willd.) P.Karst.	Petit E.M.A. ^{BU} , Rammeloo J. ^{BU}
78	<i>Boletellus velutinus</i> Heinem. & Rammeloo	Rammeloo J. ^{BU}
79	<i>Boletus loosii</i> Heinem.	+ Verbeken A. ^{BU}
80	<i>Bovista aenea</i> Kreisel	Demoulin V. ^{RW}
81	<i>Bovista aspera</i> Lév.	Lambinon J. ^{DRC}
82	<i>Bovista fusca</i> Lév.	Demoulin V. ^{DRC,RW}
83	<i>Bovista plumbea</i> Pers.	Demoulin V. ^{RW}
84	<i>Bovista pusilla</i> (Batsch) Pers.	Demoulin V. ^{DRC}
85	<i>Calocybe africana</i> Singer	Goossens-Fontana M. ^{DRC}
86	<i>Calvatia agaricoides</i> Dissing & M.Lange	Murhula Cizungu A. ^{DRC} , Goossens-Fontana M. DRC
87	<i>Calvatia cyathiformis</i> (Bosc) Morgan	Goossens-Fontana M. ^{DRC}
88	<i>Calvatia gardneri</i> (Berk.) Lloyd	Demoulin V. ^{BU}

89	<i>Calvatia subtomentosa</i> Dissing & M.Lange		Nkengurutse J. ^{BU}
90	<i>Campanella brunnescens</i> Pegler		Rammeloo J. ^{BU}
91	<i>Campanella witteana</i> Singer		de Witte G.F. ^{DRC}
92	<i>Cantharellus alboroseus</i> Heinem.	+	Rammeloo J. ^{BU}
93	<i>Cantharellus congolensis</i> Beeli	+	Verbeken A. ^{BU}
94	<i>Cantharellus densifolius</i> Heinem.	+	Verbeken A. ^{BU} , Rammeloo J. ^{BU}
95	<i>Cantharellus luteopunctatus</i> (Beeli) Heinem.	+	Rammeloo J. ^{BU}
96	<i>Cantharellus microcibarius</i> Heinem.	+	Degreef J. ^{BU}
97	<i>Cantharellus miniatescens</i> Heinem.	+	Verbeken A. ^{BU}
98	<i>Cantharellus platyphyllus</i> Heinem	+	Buyck B. ^{BU} , Rammeloo J. ^{BU}
99	<i>Cantharellus ruber</i> Heinem.	+	Verbeken A. ^{BU} , Rammeloo J. ^{BU}
100	<i>Cantharellus splendens</i> Buyck	+	Buyck B. ^{BU} , Degreef J. ^{BU}
101	<i>Cantharellus symoensii</i> Heinem	+	Verbeken A. ^{BU} , Rammeloo J. ^{BU} , Nkengurutse J. ^{BU}
102	<i>Cerrena caperata</i> (Berk.) Zmitr.		Van der Veken P. ^{DRC} , de Witte G.F. ^{DRC}
103	<i>Chaetocalathus niduliformis</i> (Murrill) Singer		Rammeloo J. ^{BU}
104	<i>Chalciporus virescens</i> (Heinem.) Klofac & Krisai		Rammeloo J. ^{BU}
105	<i>Chlorophyllum abruptibulbum</i> (R.Heim) Vellinga		Goossens-Fontana M. ^{DRC}
106	<i>Chlorophyllum globosum</i> (Mossebo) Vellinga		Petit E.M.A. ^{BU}
107	<i>Chlorophyllum molybdites</i> (G.Mey.) Massee	+	Leonetout J.J. ^{RW} , Hendrickx F.L. ^{BU}
108	<i>Clathrus columnatus</i> Bosc		Vanpuyvelde ^{RW} , Demoulin V. ^{RW} , Goossens-Fontana M. ^{DRC}
109	<i>Clavaria zollingeri</i> Lév.		Hendrickx F.L. ^{DRC}
110	<i>Clavulina albiramea</i> (Corner) Buyck & Duhem	+	Rizinde J.C. ^{DRC}
111	<i>Clavulina connata</i> (Berk.) Corner		de Witte G.F. ^{DRC}
112	<i>Clitocybe cystidiosa</i> Singer		Goossens-Fontana M. ^{DRC}
113	<i>Clitocybe nebularis</i> (Batsch) P.Kumm.		Rizinde J.C. ^{DRC}
114	<i>Clitopilus prunulus</i> (Scop.) P.Kumm.	+	Degreef J. ^{BU}
115	<i>Clitopilus scyphoides</i> (Fr.) Singer Joss.		Rammeloo J. ^{BU}
116	<i>Conocybe anthracophila</i> Hauskn.		Goossens-Fontana M. ^{DRC}
117	<i>Conocybe bicolor</i> Watling		Goossens-Fontana M. ^{DRC}
118	<i>Conocybe cartilaginipes</i> Watling		Goossens-Fontana M. ^{DRC}
119	<i>Conocybe crispella</i> (Murrill) Singer		Rammeloo J. ^{BU}
120	<i>Conocybe fuxlaensis</i> Singer		Rammeloo J. ^{BU}
121	<i>Conocybe merdaria</i> Arnolds & Hauskn.		Goossens-Fontana M. ^{DRC}
122	<i>Conocybe obscurus</i> Watling		Goossens-Fontana M. ^{DRC}
123	<i>Conocybe ochraceodiscus</i> Watling		Goossens-Fontana M. ^{DRC}
124	<i>Conocybe raphanaceus</i> Watling		Goossens-Fontana M. ^{DRC}
125	<i>Coprinopsis cinerea</i> (Schaeff.) Redhead, Vilgalys & Moncalvo		Degreef J. ^{RW}
126	<i>Coprinus comatus</i> (O.F.Müll.) Gray	+	Goossens-Fontana M. ^{DRC}
127	<i>Corditubera kivuensis</i> Demoulin & Dring		Rammeloo J. ^{DRC} , Demoulin ^{DRC}

- 128 *Corioloopsis byrsina* (Mont.) Ryvarden
 129 *Corioloopsis occidentalis* (Klotzsch) Murrill
 130 *Corioloopsis telfairii* (Klotzsch) Ryvarden
 131 *Corticium aureolum* Bres.
 132 *Cotylidia aurantiaca* (Pers.) A.L.Welden
 133 *Cotylidia pannosa* (Sowerby) D.A.Reid
 134 *Craterellus aureus* Berk. & M.A.Curtis
 135 *Crepidotus uber* (Berk. & M.A.Curtis) Sacc.
 136 *Crinipellis calderi* Pegler
 137 *Crinipellis pseudostipitaria* var. *orientalis* (Singer) Antonin
 138 *Cyathus africanus* H.J. Brodie
 139 *Cyathus limbatus* Tul. & C. Tul.
 140 *Cyathus poeppigii* Tul. & C. Tul.
 141 *Cyathus stercoreus* (Schwein.) De Toni
 142 *Cyathus striatus* (Huds.) Willd.
 143 *Cymatoderma africanum* Boidin
 144 *Cymatoderma dendriticum* (Pers.) D.A.Reid
 145 *Cymatoderma elegans* Jungh.
 146 *Cyptotrampa chrysopepla* (Berk. & M.A.Curtis) Singer
 147 *Cystidiodontia laminifera* (Berk. & M.A.Curtis) Hjortstam
 148 *Cystoderma cristalliferum* Thoen
 149 *Cystodermella elegans* (Beeli) Harmaja
 150 *Dacryopinax spathularia* (Schwein.) G.W.Martin
 151 *Daedalea ealaensis* Beeli
 152 *Daedalea flavida* Lév.
 153 *Dentocorticium irregulare* Ryvarden
 154 *Earliella scabrosa* (Pers.) Gilb. & Ryvarden
 155 *Echinochaete brachypora* (Mont.) Ryvarden
 156 *Entoloma fibulatum* (Romagn.) Noordel. & Co-David.
 157 *Entoloma mammiferum* (Romagn.) Noordel. & Co-David.
 158 *Entoloma nidorosiforme* (Romagn.) Noordel. & Co-David
 159 *Entoloma tigrinellum* (Romagn.) Noordel. & Co-David
 160 *Favolaschia calocera* R.Heim
 161 *Favolaschia citrinella* Henn.
 162 *Favolaschia thwaitesii* (Berk. & Broome) Singer
 163 *Favolus tenuiculus* P.Beauv.
- Thoen D.^{DRC}, Rammeloo J.^{BU}
 Lewalle J.^{BU}, Van Meel L.^{DRC}, Hendrickx F.L.^{DRC}
 Petit E.M.A.^{BU}, Vanderyst H.^{DRC}
 Hendrickx F.L.^{DRC}
 + Degreef J.^{DRC,RW}, Rammeloo J.^{BU}
 Lewalle J.^{BU}
 Van Onacker J.^{BU}
 Goossens-Fontana M.^{DRC}, Hendrickx F.L.^{DRC}
 Rammeloo J.^{BU}
 Rammeloo J.^{RW, BU}
 Demoulin V.^{RW}
 Demoulin V.^{DRC}
 Demoulin V.^{RW}
 Goossens-Fontana M.^{DRC}
 Hendrickx F.L.^{DRC}
 Rammeloo J.^{RW, BU}
 Degreef J.^{RW}
 Rizinde J.C.^{DRC}, de Witte G.F.^{DRC}, Rammeloo J.^{RW, BU}, Van der Veken P.^{RW}
 Thoen D.^{DRC}
 Rammeloo J.^{BU, RW}
 Goossens-Fontana M.^{DRC}
 + Goossens-Fontana M.^{DRC}, Degreef J.^{RW, DRC}, Rizinde J.C.^{DRC}
 + Degreef J.^{RW}
 de Witte G.F.^{DRC}, Hendrickx F.L.^{DRC}, Fassi B.^{DRC}
 Verbeken A.^{BU}
 Rammeloo J.^{RW}
 de Witte G.F.^{DRC}, Rammeloo J.^{DRC}, Verbeken A.^{BU}
 + Degreef J.^{DRC}, Rizinde J.C.^{DRC}, Rammeloo J.^{BU}, Petit E.M.A.^{BU}
 Goossens-Fontana M.^{DRC}
 Goossens-Fontana M.^{DRC}
 Goossens-Fontana M.^{DRC}
 Goossens-Fontana M.^{DRC}
 + Rizinde J.C.^{DRC}
 Dewèvre A.^{DRC}
 + Rammeloo J.^{BU}, Rizinde J.C.^{DRC}
 + de Witte G.F.^{DRC}, Degreef J.^{DRC,RW}, Rizinde J.C.^{DRC}, Rammeloo J.^{BU}

- 164 *Fibrodontia brevidens* (Pat.) Hjortstam & Ryvarden Rammeloo J.^{RW}
- 165 *Flaviporus liebmanni* (Fr.) Ginns Rammeloo J.^{BU}
- 166 *Flavodon flavus* (Klotzsch) Ryvarden Rammeloo J.^{BU}
- 167 *Fomitiporia gabonensis* Amalfi & Decock Balezi A.^{DRC}
- 168 *Fomitiporia punctata* (P. Karst.) Murrill Balezi A.^{DRC}
- 169 *Fomitiporia tenuis* Decock, Bitew & G. Castillo Balezi A.^{DRC}
- 170 *Fomitopsis rhodophaea* (Lév.) Imazeki Rammeloo J.^{RW, BU}
- 171 *Fomitopsis supina* (Sw.) Murrill Rammeloo J.^{RW}
- 172 *Fulvifomes merrillii* (Murrill) Baltazar & Gibertoni Balezi A.^{DRC}
- 173 *Funalia aspera* (Jungh.) Zmitr. & Malysheva Rammeloo J.^{BU}
- 174 *Funalia floccosa* (Jungh.) Zmitr. & Malysheva Rammeloo J.^{RW}
- 175 *Funalia sanguinaria* (Klotzsch) Zmitr. & Malysheva Rammeloo J.^{RW}, Hendrickx F.L.^{DRC}
- 176 *Fuscoporia callimorpha* (Lév.) Groposo Balezi A.^{DRC}
- 177 *Fuscoporia ferrea* (Pers.) G. Cunn. Balezi A.^{DRC}
- 178 *Fuscoporia senex* (Nees & Mont.) Ghob.-Nejh. Balezi A.^{DRC}
- 179 *Fuscoporia wahlbergii* (Fr.) T. Wagner & M. Fisch. Balezi A.^{DRC}
- 180 *Ganoderma alluaudii* Pat. & Har. Rammeloo J.^{BU}
- 181 *Ganoderma amazonense* Weir Rammeloo J.^{DRC}
- 182 *Ganoderma australe* (Fr.) Pat. de Witte G.F.^{DRC}, Rammeloo J.^{DRC, BU, RW}, Van der Veken P.^{DRC, RW}, Fassi B.^{DRC}, Lambinon J.^{BU}
- 183 *Ganoderma chaliceum* (Cooke) Steyaert Rammeloo J.^{DRC}, de Witte G.F.^{DRC}
- 184 *Ganoderma fassii* Steyaert Lewalle J.^{BU}, de Witte G.F.^{DRC}, Rammeloo J.^{DRC}, Goossens-Fontana M.^{DRC}
- 185 *Ganoderma hildebrandii* Henn. Petit E.M.A.^{BU}, Degreef J.^{RW}
- 186 *Ganoderma hoehnelianum* Bres. de Witte G.F.^{DRC}
- 187 *Ganoderma lucidum* (Curtis) P.Karst de Witte G.F.^{DRC}
- 188 *Ganoderma petchii* (Lloyd) Steyaert de Witte G.F.^{DRC}
- 189 *Ganoderma resinaceum* Boud. de Witte G.F.^{DRC}, Rammeloo J.^{RW, BU}
- 190 *Ganoderma sculpturatus* (Lloyd) Ryvarden Rammeloo J.^{DRC, RW}
- 191 *Ganoderma septatum* Steyaert Goossens-Fontana M.^{DRC}
- 192 *Ganoderma sublucidum* (Beeli) Steyaert Lebrun J.^{DRC}
- 193 *Ganoderma subresinosum* (Murrill) C.J.Humphrey de Witte G.F.^{DRC}, Rammeloo J.^{RW}, Van der Veken P.^{RW}, Reekmans R.^{BU}
- 194 *Ganoderma vanmeelii* Steyaert de Witte G.F.^{DRC}
- 195 *Ganoderma weberianum* (Bres. & Henn. ex Sacc.) Steyaert de Witte G.F.^{DRC}
- 196 *Ganoderma xylonoides* Steyaert Lewalle J.^{BU}
- 197 *Ganoderma zonatum* Murrill Petit E.M.A.^{BU}, Hendrickx F.L.^{BU}, Reekmans R.^{BU}, Rammeloo J.^{BU}
- 198 *Geastrum lageniforme* Vittad. Goossens-Fontana M.^{DRC}
- 199 *Geastrum minimum* Schwein. Demoulin V.^{DRC}
- 200 *Geastrum mirabile* Mont. Goossens-Fontana M.^{DRC}, de Witte G.F.^{DRC}, Petit E.M.A.^{DRC}

201	<i>Geastrum rufescens</i> Pers.		Goossens-Fontana M. ^{DRC}
202	<i>Geastrum saccatum</i> Fr.		Goossens-Fontana M. ^{DRC}
203	<i>Geastrum schweinfurthii</i> Henn.		Reekmans R. ^{BU} , Demoulin V. ^{BU}
204	<i>Geastrum schweinitzii</i> (Berk. & Curtis) Zeller		Demoulin V. ^{DRC}
205	<i>Geastrum subiculosum</i> Cooke & Masseur		Lewalle J. ^{BU} , Demoulin V. ^{DRC}
206	<i>Geastrum triplex</i> Jungh.		Demoulin V. ^{DRC}
207	<i>Geastrum velutinum</i> Morgan		Goossens-Fontana M. ^{DRC}
208	<i>Gerronema hungo</i> Degreef & Eyi Ndong	+	Rizinde J.C. ^{DRC}
209	<i>Gloeoporus dichrous</i> (Fr.) Bres.		Rammeloo J. ^{RW}
210	<i>Gloeoporus theleporoides</i> (Hook.) Cunn.		de Witte G.F. ^{DRC} , Rammeloo J. ^{BU}
211	<i>Gloiocephala tezae</i> Antonin		Rammeloo J. ^{BU}
212	<i>Gomphus brunneus</i> (Heinem.) Corner		Degreef J. ^{RW}
213	<i>Grammothele fuligo</i> (Berk. & Broome) Ryvarden		Rammeloo J. ^{RW}
214	<i>Gymnopilus zenkeri</i> (Henn.) Singer	+	Rizinde J.C. ^{DRC}
215	<i>Gyrodon miretipes</i> Heinem. & Rammeloo	+	Dossin, Lambinon J. ^{BU}
216	<i>Gyrodon xylophilus</i> (Petch) Heinem. & Rammeloo		Dossin ^{BU} , Goossens-Fontana M. ^{DRC}
217	<i>Gyrodontium sacchari</i> (Spreng.) Hjortstam		Lewalle J. ^{BU}
218	<i>Gyroporus ballouii</i> (Peck) E. Horak		Verbeken A. ^{BU}
219	<i>Gyroporus castaneus</i> var. <i>castaneus</i> (Bull.) Quél.		Cocquyt C. ^{BU}
220	<i>Gyroporus heterosporus</i> var. <i>afibulatus</i> Heinem. & Rammeloo		Rammeloo J. ^{DRC, BU}
221	<i>Gyroporus microsporus</i> var. <i>congolensis</i> (Heinem.) Heinem. & Rammeloo		Dossin ^{BU} , Rammeloo J. ^{DRC}
222	<i>Hapalopilus africanus</i> Ryvarden		Van der Veken P. ^{RW}
223	<i>Helicobasidium brebissonii</i> (Desm.) Donk		Hendrickx F.L. ^{RW}
224	<i>Hexagonia dermatiphora</i> Lloyd		de Witte G.F. ^{DRC} , Rammeloo J. ^{RW}
225	<i>Hexagonia glabra</i> (P. Beauv.) Ryvarden		Verbeken A. ^{BU}
226	<i>Hexagonia hirta</i> (P. Beauv.) Fr.		Rammeloo J. ^{BU}
227	<i>Hexagonia hydnoides</i> (Sw.) M. Fidalgo		Rammeloo J. ^{RW}
228	<i>Hexagonia pobequini</i> Har.		Rammeloo J. ^{RW}
229	<i>Hexagonia sacleuxii</i> Har. & Pat.		Vanderyst H. ^{DRC}
230	<i>Hexagonia tenuis</i> (Hook.) Ryv.		de Witte G.F. ^{DRC} , Germain R.G.A. ^{DRC} , Lewalle J. ^{BU} , Lambinon J. ^{BU} , Rammeloo J. ^{RW, BU}
231	<i>Humphreya eminii</i> (Henn.) Ryvarden		Rammeloo J. ^{BU}
232	<i>Hygrocybe conica</i> var. <i>pallidipes</i> Heinem.		Goossens-Fontana M. ^{DRC}
233	<i>Hygrocybe cortinata</i> Heinem.		Goossens-Fontana M. ^{DRC}
234	<i>Hygrophoropsis aurantiaca</i> (Wulfen) Maire		Rizinde J.C. ^{DRC}
235	<i>Hygrophoropsis kivuensis</i> Heinem.		Goossens-Fontana M. ^{DRC}
236	<i>Hymenagaricus alphitochrous</i> var. <i>pegleri</i> Heinem.		Rammeloo J. ^{BU}
237	<i>Hymenagaricus ardosiaecolor</i> var. <i>rufidulus</i> Heinem.		Goossens-Fontana M. ^{DRC}
238	<i>Hymenagaricus kivuensis</i> Heinem.		Goossens-Fontana M. ^{DRC} , Rammeloo J. ^{BU}
239	<i>Hymenagaricus laticystis</i> Heinem.		Rammeloo J. ^{BU}

240	<i>Hymenagaricus nigrovinosus</i> (Pegler) Heinem.		Goossens-Fontana M. ^{DRC}
241	<i>Hymenagaricus olivaceus</i> Heinem.		Goossens-Fontana M. ^{DRC}
242	<i>Hymenochaete adusta</i> (Lév.) Har. & Pat.		de Witte G.F. ^{DRC}
243	<i>Hymenochaete luteobadia</i> (Fr.) Höhn. & Litsch.		Vanderyst H. ^{DRC}
244	<i>Hymenopellis crassibasidiata</i> (R.H. Petersen) R.H. Petersen		Rammeloo J. ^{BU}
245	<i>Hyphoderma medioburiense</i> (Burt) Donk		Rammeloo J. ^{RW}
246	<i>Hyphoderma roseocremeum</i> (Bres.) Donk		Rammeloo J. ^{BU}
247	<i>Hyphodontia alutacea</i> (Fr.) J.Erikss.		Rammeloo J. ^{BU}
248	<i>Hypholoma fasciculare</i> (Huds.) P. Kumm.		Rizinde J.C. ^{DRC} , Rammeloo J. ^{BU}
249	<i>Hypholoma subviride</i> (Berk. & M.A. Curtis) Dennis	+	Degreef J. ^{RW, DRC}
250	<i>Inonotus luteoumbrinus</i> (Romell) Ryvarden		Balezi A. ^{DRC}
251	<i>Inonotus ochroporus</i> (Van der Byl) Pegler		Balezi A. ^{DRC}
252	<i>Inonotus pachyphloeus</i> (Pat.) T. Wagner & M. Fisch.		Balezi A. ^{DRC}
253	<i>Inonotus pegleri</i> Ryvarden		Balezi A. ^{DRC}
254	<i>Inonotus rwenzorianus</i> Balezi & Decock		Balezi A. ^{DRC}
255	<i>Intextomyces aureus</i> (Ryvarden) Hjortstam		Rammeloo J. ^{RW}
256	<i>Junghuhnia nitida</i> (Pers.) Ryvarden		Rammeloo J. ^{RW}
257	<i>Kurtia argillacea</i> (Bres.) Karasiński		Rammeloo J. ^{RW, BU}
258	<i>Laccaria lateritia</i> Malençon		Goossens-Fontana M. ^{DRC} , Rammeloo J. ^{BU}
259	<i>Lachnocladium schweinfurthianum</i> Henn.		de Witte G.F. ^{DRC}
260	<i>Lactarius baliophaeus</i> var. <i>baliophaeus</i> Pegler		Verbeken A. ^{BU}
261	<i>Lactarius barbatus</i> Verbeken		Buyck B. ^{BU}
262	<i>Lactarius chromospermus</i> Pegler	+	Verbeken A. ^{BU}
263	<i>Lactarius kabansus</i> Pegler & Pearce	+	Verbeken A. ^{BU} , Rammeloo J. ^{BU}
264	<i>Lactarius kivuensis</i> Verbeken		Rammeloo J. ^{DRC}
265	<i>Lactarius orientalis</i> (Verbeken) Verbeken		Verbeken A. ^{BU}
266	<i>Lactarius pulchrispermus</i> Verbeken		Verbeken A. ^{BU}
267	<i>Lactarius pusillisporus</i> Verbeken		Verbeken A. ^{BU}
268	<i>Lactarius rumongensis</i> Verbeken		Verbeken A. ^{BU}
269	<i>Lactarius saponaceus</i> Verbeken		Verbeken A. ^{BU}
270	<i>Lactarius subamarus</i> Verbeken		Rammeloo J. ^{DRC, BU}
271	<i>Lactarius sulcatulus</i> Verbeken		Rammeloo J. ^{DRC, BU}
272	<i>Lactarius tenellus</i> Verbeken & Walley	+	Degreef J. ^{BU}
273	<i>Lactarius undulatus</i> Verbeken		Rammeloo J. ^{DRC}
274	<i>Lactifluus aurantiifolius</i> (Verbeken) Verbeken		Verbeken A. ^{BU}
275	<i>Lactifluus aureifolius</i> (Verbeken) Verbeken		Verbeken A. ^{BU}
276	<i>Lactifluus brunnescens</i> (Verbeken) Verbeken	+	Verbeken A. ^{BU}
277	<i>Lactifluus cyanovirescens</i> (Verbeken) Verbeken		Verbeken A. ^{BU}
278	<i>Lactifluus edulis</i> (Verbeken & Buyck) Buyck	+	Verbeken A. ^{BU}
279	<i>Lactifluus gymnocarpoides</i> (Verbeken) Verbeken	+	Verbeken A. ^{BU} , Degreef J. ^{BU}

280	<i>Lactifluus gymnocarpus</i> (R.Heim ex Singer) Verbeken	+	Rammeloo J. ^{DRC}
281	<i>Lactifluus heimii</i> (Verbeken) Verbeken	+	Rammeloo J. ^{BU} , Verbeken A. ^{BU}
282	<i>Lactifluus indusiatus</i> (Verbeken) Verbeken		Verbeken A. ^{BU}
283	<i>Lactifluus laevigatus</i> (Verbeken) Verbeken	+	Verbeken A. ^{BU} , Rammeloo J. ^{BU}
284	<i>Lactifluus longipes</i> (Verbeken) Verbeken	+	Rammeloo J. ^{DRC}
285	<i>Lactifluus longisporus</i> (Verbeken) Verbeken	+	Verbeken A. ^{BU}
286	<i>Lactifluus luteopus</i> (Verbeken) Verbeken	+	Verbeken A. ^{BU} , Degreef J. ^{BU} , Rammeloo J. ^{BU}
287	<i>Lactifluus pumilus</i> (Verbeken) Verbeken	+	Verbeken A. ^{BU}
288	<i>Lactifluus roseolus</i> (Verbeken) Verbeken		Verbeken A. ^{BU}
289	<i>Lactifluus ruvubuensis</i> (Verbeken) Verbeken		Nkengurutse J. ^{BU} , Verbeken A. ^{BU}
290	<i>Lactifluus sesemotani</i> (Beeli) Buyck		Nkengurutse J. ^{BU} , Verbeken A. ^{BU}
291	<i>Lactifluus urens</i> (Verbeken) Verbeken		Dossin ^{BU} , Verbeken A. ^{BU} , Rammeloo J. ^{BU}
292	<i>Lactifluus velutissimus</i> (Verbeken) Verbeken	+	Rammeloo J. ^{BU} , Verbeken A. ^{BU}
293	<i>Laeticorticium odontoides</i> Ryvarden		Rammeloo J. ^{BU}
294	<i>Laetiporus discolor</i> (Klotzsch) Corner	+	Rizinde J.C. ^{DRC}
295	<i>Langermannia fenzlii</i> (Reichardt) Kreisel		Goossens-Fontana M. ^{DRC} , Demaire ^{RW}
296	<i>Langermannia wahlbergii</i> (Fr.) Dring		Demoulin V. ^{RW}
297	<i>Laxitextum bicolor</i> (Pers.) Lentz		de Witte G.F. ^{DRC} , Demoulin V. ^{DRC}
298	<i>Leccinum foetidum</i> Heinem.		Nkengurutse J. ^{BU}
299	<i>Lentaria surculus</i> (Berk.) Corner		Bequaert J. ^{DRC} , de Witte G.F. ^{DRC} , Lewalle J. ^{BU}
300	<i>Lentinus arcularius</i> (Batsch) Zmitr.		Rammeloo J. ^{BU} , Hendrickx F.L. ^{DRC}
301	<i>Lentinus brunneofloccosus</i> Pegler	+	Rizinde J.C. ^{DRC}
302	<i>Lentinus cladopus</i> Lév.	+	Rammeloo J. ^{DRC} , Degreef J. ^{RW} , Verbeken A. ^{BU}
303	<i>Lentinus connatus</i> Berk.		de Witte G.F. ^{DRC}
304	<i>Lentinus crinitus</i> (L.) Fr.		Petit E.M.A. ^{BU} , Goossens-Fontana M. ^{DRC} , Rammeloo J. ^{DRC, RW}
305	<i>Lentinus panziensis</i> Singer		Goossens-Fontana M. ^{DRC}
306	<i>Lentinus retinervis</i> Pegler	+	Degreef J. ^{BU}
307	<i>Lentinus sajor-caju</i> (Fr.) Fr.	+	Verbeken A. ^{BU} , de Witte G.F. ^{DRC} , Bequaert J. ^{DRC} , Degreef J. ^{RW} , Rammeloo J. ^{DRC} , Rizinde J.C. ^{DRC}
308	<i>Lentinus similis</i> Berk. & Broome		Rammeloo J. ^{BU}
309	<i>Lentinus squarrosulus</i> Mont.	+	Rammeloo J. ^{BU} , Rizinde J.C. ^{DRC}
310	<i>Lentinus stippeus</i> Klotzsch		de Witte G.F. ^{DRC} , Rammeloo J. ^{DRC}
311	<i>Lentinus velutinus</i> Fr.	+	Rammeloo J. ^{DRC} , Vanderyst H. ^{DRC} , Bequaert J. ^{DRC} , Murhula Cizungu A. ^{BU} , de Witte G.F. ^{DRC}
312	<i>Lentinus villosus</i> Klotzsch		Rammeloo J. ^{BU} , Murhula Cizungu A. ^{DRC} , Reekmans R. ^{BU}
313	<i>Lenzites repandus</i> (Mont.) Fr.		Hendrickx F.L. ^{DRC} , Vanderyst H. ^{DRC} , de Witte G.F. ^{DRC}
314	<i>Lenzites vespaceus</i> (Pers.) Ryvarden		Rammeloo J. ^{BU}
315	<i>Lepiota coactilia</i> Beeli		Goossens-Fontana M. ^{DRC}
316	<i>Lepiota montagnei</i> var. <i>congolensis</i> Beeli		Goossens-Fontana M. ^{DRC}
317	<i>Lepiota purpureoimbricata</i> Beeli		Goossens-Fontana M. ^{DRC}
318	<i>Lepista sordida</i> (Fr.) Singer	+	Degreef J. ^{RW} , Rizinde J.C. ^{DRC}

- 319 *Leucoagaricus bisporus* Heinem.
320 *Leucoagaricus bulbillosus* Heinem.
321 *Leucoagaricus carminescens* Heinem.
322 *Leucoagaricus ferruginosus* Heinem.
323 *Leucoagaricus griseus* Heinem.
324 *Leucoagaricus leucothites* (Vittad.) Wasser
325 *Leucoagaricus malvaceus* Heinem.
326 *Leucoagaricus pepinus* Heinem.
327 *Leucoagaricus roseolus* (Beeli) Heinem.
328 *Leucoagaricus squamosus* Heinem.
329 *Leucoagaricus striatulus* Heinem.
330 *Leucoagaricus testaceus* Heinem.
331 *Leucocoprinus birnbaumii* (Corda) Singer
332 *Leucocoprinus discoideus* (Beeli) Heinem.
333 *Leucocoprinus elaeidis* (Beeli) Heinem.
334 *Leucocoprinus flavus* (Beeli) Heinem.
335 *Leucocoprinus medioflavus* (Boud.) Bon
336 *Leucocoprinus noctiphilus* (Ellis) Heinem.
337 *Leucocoprinus pepinosporus* Heinem.
338 *Leucocoprinus violaceus* Heinem.
339 *Lignosus dimiticus* Ryvar-den
340 *Lignosus sacer* (Fr.) Ryvar-den
341 *Lopharia cinerascens* (Schwein.) G.Cunn.
342 *Lycogalopsis solmsii* E. Fisch.
343 *Lycoperdon abyssinicum* (Mont.) Dring
344 *Lycoperdon bicolor* Welw. & Curr.
345 *Lycoperdon endotephrum* Pat.
346 *Lycoperdon perlatum* Pers.
347 *Lycoperdon pratense* Pers.
348 *Lysurus corallocephalus* Welw. & Curr.
349 *Lysurus gardneri* Berk.
350 *Macrocybe lobayensis* (R. Heim) Pegler & Lodge
351 *Macrolepiota africana* (R.Heim) Heinem.
352 *Macrolepiota dolichaula* (Berk. & Broome) Pegler & R.W.Rayner
353 *Macrolepiota gracilentata* var. *congolensis* (Beeli) Heinem.
354 *Macrolepiota odorata* Heinem.
355 *Macrolepiota zeyheri* Heinem.
356 *Marasmiellus inoderma* (Berk.) Singer
357 *Marasmiellus purpureoalbus* (Petch) Singer
358 *Marasmius africanus* (Pat.) Sacc.
- Dewèvre A.^{DRC}
Goossens-Fontana M.^{DRC}
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Goossens-Fontana M.^{DRC}
Goossens-Fontana M.^{DRC}, Degreef J.^{RW, BU}, Rizinde J.C.^{DRC}, de Witte G.F.^{DRC}
Degreef J.^{BU}, Mukandera A.^{RW}
de Witte G.F.^{DRC}, Hendrickx F.L.^{BU}, Reekmans R.^{BU}
Goossens-Fontana M.^{DRC}
Goossens-Fontana M.^{DRC}, Hendrickx F.L.^{DRC}
Degreef J.^{RW}
Hendrickx F.L.^{DRC}, Lebrun J.^{DRC}
Bequaert J.^{DRC}

- 359 *Marasmius albertianus* Singer de Witte G.F. ^{DRC}
- 360 *Marasmius allium* Eichelb. Degreef J. ^{DRC}
- 361 *Marasmius arborescens* (Henn.) Beeli + Degreef J. ^{RW}, Rizinde J.C. ^{DRC}, Rammeloo J. ^{BU}
- 362 *Marasmius atrorubens* Berk. Rammeloo J. ^{BU}
- 363 *Marasmius bekolacongoli* Beeli + Degreef J. ^{RW}, Rizinde J.C. ^{DRC}, Verbeken A. ^{BU}, Rammeloo J. ^{BU}, de Witte G.F. ^{DRC}
- 364 *Marasmius bingaensis* Singer Rammeloo J. ^{BU}, de Witte G.F. ^{DRC}
- 365 *Marasmius brunneolus* (Beeli) Singer + Rizinde J.C. ^{DRC}
- 366 *Marasmius bururiensis* Antonin Rammeloo J. ^{BU}
- 367 *Marasmius confertus* var. *tenuicystidiatus* Antonin Rammeloo J. ^{BU}
- 368 *Marasmius conicopapillatus* Henn. Rammeloo J. ^{BU}
- 369 *Marasmius crinisequi* F.Muell. Rammeloo J. ^{BU}, Petit E.M.A. ^{BU}, Lewalle J. ^{BU}
- 370 *Marasmius episemus* Singer Goossens-Fontana M. ^{DRC}
- 371 *Marasmius grandisetulosus* Singer Goossens-Fontana M. ^{DRC}
- 372 *Marasmius haediniformis* Singer de Witte G.F. ^{DRC}
- 373 *Marasmius haematocephalus* (Mont.) Fr. Hendrickx F.L. ^{DRC}
- 374 *Marasmius kigwenensis* Antonin Rammeloo J. ^{BU}
- 375 *Marasmius megistus* Singer Rammeloo J. ^{BU}
- 376 *Marasmius muramwyanensis* Antonin Rammeloo J. ^{BU}
- 377 *Marasmius rotalis* var. *latisporus* Antonin Rammeloo J. ^{BU}
- 378 *Marasmius striipileus* Antonin Rammeloo J. ^{BU}
- 379 *Marasmius witteanus* Singer de Witte G.F. ^{DRC}
- 380 *Microporellus violaceocinerascens* (Petch) A. David & Rajchenb. de Witte G.F. ^{DRC}
- 381 *Microporus affinis* (Blume & T.Nees) Kuntze Lewalle J. ^{DRC}, de Witte G.F. ^{DRC}, Lebrun J. ^{DRC}, Van der Veken P. ^{RW, DRC}, Hendrickx F.L. ^{DRC}, Bequaert J. ^{DRC}, Rammeloo J. ^{DRC}
- 382 *Microporus atrovillosus* Ryvarden Rammeloo J. ^{DRC}, Van der Veken P. ^{DRC}
- 383 *Microporus vernicipes* (Berk.) Kuntze Lambinon J. ^{RW}, Rammeloo J. ^{DRC, RW}, Hendrickx F.L. ^{RW}, Lebrun J. ^{DRC}, Van der Veken P. ^{RW}
- 384 *Microporus xanthopus* (Fr.) Kuntze Petit E.M.A. ^{BU}, Verbeken A. ^{BU}, de Witte G.F. ^{DRC}, Rammeloo J. ^{BU, DRC}, Vanderyst H. ^{DRC}, Lambinon J. ^{BU}
- 385 *Micropsalliota campestris* (Heinem. & Gooss.-Font.) Heinem. Goossens-Fontana M. ^{DRC}
- 386 *Micropsalliota heterocystis* Heinem. Rammeloo J. ^{DRC}
- 387 *Micropsalliota pholiotinoides* Heinem. Goossens-Fontana M. ^{DRC}, Rammeloo J. ^{BU}
- 388 *Mutinus bambusinus* (Zoll.) E. Fisch. Demoulin V. ^{DRC}
- 389 *Mutinus elegans* (Mont.) E. Fisch. Degreef J. ^{BU}
- 390 *Mutinus simplex* Lloyd Goossens-Fontana M. ^{DRC}
- 391 *Mutinus zenkeri* (Henn.) E. Fisch. Demoulin V. ^{DRC}
- 392 *Mycena chlorinosma* Singer Goossens-Fontana M. ^{DRC}
- 393 *Mycena oreadeoides* Singer Goossens-Fontana M. ^{DRC}
- 394 *Mycena pura* (Pers.) P.Kumm. Degreef J. ^{RW}
- 395 *Mycena sabali* (Murrill) Murrill Goossens-Fontana M. ^{DRC}

- 396 *Mycosyrinx microspora* Cant. Seret F. ^{BU}
- 397 *Neonothopanus hygrophanus* (Mont.) De Kesel & Degreef + de Witte G.F. ^{DRC}
- 398 *Nidula niveotomentosa* (Henn.) Lloyd Demoulin V. ^{DRC, RW}
- 399 *Nigrofomes melanoporus* (Mont.) Murrill Hendrickx F.L. ^{RW}
- 400 *Nigroporus vinosus* (Berk.) Murrill Verbeken A. ^{BU}
- 401 *Oxyporus latemarginata* (E.J.Durieu & Mont.) Donk Thoen D. ^{DRC}
- 402 *Pachykytospora papyracea* (Schwein.) Ryvarden Rammeloo J. ^{BU}
- 403 *Panaeolus antillarum* (Fr.) Dennis Becquet A. ^{RW}, Goossens-Fontana M. ^{DRC}, Hendrickx F.L. ^{DRC}
- 404 *Panaeolus cyanescens* (Berk. & Broome) Sacc. Goossens-Fontana M. ^{DRC}
- 405 *Panaeolus foenicisii* (Pers.) J.Schröt. Goossens-Fontana M. ^{DRC}
- 406 *Panaeolus goossensiae* Beeli Goossens-Fontana M. ^{DRC}, Rammeloo J. ^{BU}
- 407 *Panaeolus semiovatus* (Sow.) S.Lundell & Nannf. Becquet A. ^{RW}
- 408 *Paxillus brunneotomentosus* Heinem. & Rammeloo + Degreef J. ^{RW, DRC}, Rammeloo J. ^{BU}
- 409 *Paxillus piperatus* Heinem. & Rammeloo Rammeloo J. ^{BU}
- 410 *Perenniporia contraria* (Berk. & M.A.Curtis) Ryvarden Rammeloo J. ^{RW}
- 411 *Perenniporia dendrohyphidia* Ryvarden Rammeloo J. ^{BU}
- 412 *Perenniporia inflexibilis* (Berk.) Ryvarden Rammeloo J. ^{DRC}
- 413 *Perenniporia latissima* (Bres.)Ryvarden de Witte G.F. ^{DRC}
- 414 *Perenniporia martia* (Berk.) Ryvarden Rammeloo J. ^{DRC}
- 415 *Perenniporia medulla-panis* (Jacq.) Donk Rammeloo J. ^{RW, BU}
- 416 *Perenniporia ochroleuca* (Berk.) Ryvarden Petit E.M.A. ^{BU}
- 417 *Perenniporia vicina* (Lloyd) Decock & Ryvarden de Witte G.F. ^{DRC}
- 418 *Phaeoclavulina flaccida* (Fr.) Giachini de Witte G.F. ^{DRC}, Goossens-Fontana M. ^{DRC}
- 419 *Phallus indusiatus* Vent. Bequaert J. ^{DRC}, Rammeloo J. ^{BU}, Rizinde J.C. ^{DRC}, Demoulin V. ^{DRC}
- 420 *Phallus rubicundus* (Bosc) Fr. Demoulin V. ^{RW}
- 421 *Phanerochaete salmonicolor* (Berk. & Broome) Jülich Hendrickx F.L. ^{DRC}
- 422 *Phanerochaete tuberculascens* Hjortstam Rammeloo J. ^{BU}
- 423 *Phellinus adamantinus* (Berk.) Ryvarden Balezi A. ^{DRC}
- 424 *Phellinus allardii* (Bres.) S. Ahmad Balezi A. ^{DRC}
- 425 *Phellinus badius* (Berk. Ex Cooke) G.Cunn. Rammeloo J. ^{RW}
- 426 *Phellinus contiguus* (Pers.) Pat. Rammeloo J. ^{BU}
- 427 *Phellinus cupreus* (Berk.) Ryvarden Van der Veken P. ^{RW}
- 428 *Phellinus discipes* (Berk.) Ryvarden Rammeloo J. ^{BU}, Balezi ^{DRC}
- 429 *Phellinus fastuosus* (Lév.) Ryvarden de Witte G.F. ^{DRC}, Lewalle J. ^{BU}, Rammeloo J. ^{RW}, Van der Veken P. ^{RW}
- 430 *Phellinus fastuosus* (Lév.) S. Ahmad Balezi A. ^{DRC}
- 431 *Phellinus ferrugineovelutinus* (Henn.) Ryvarden Rammeloo J. ^{RW}, Balezi ^{DRC}
- 432 *Phellinus gabonensis* Decock & Yombiy. Balezi A. ^{DRC}

- 433 *Phellinus gilvus* (Schwein.) Pat.
- 434 *Phellinus glaucescens* (Petch) Ryvarden
- 435 *Phellinus grenadensis* (Murrill) Ryvarden
- 436 *Phellinus macrosporus* Gibertoni & Ryvarden
- 437 *Phellinus melanodermus* (Pat.) M.Fidalgo
- 438 *Phellinus newtoniae* Niemelä & Mrema
- 439 *Phellinus noxius* (Corner) G.Cunn.
- 440 *Phellinus pachyphloeus* (Pat.) Pat.
- 441 *Phellinus purpureogilvus* (Petch) Ryvarden
- 442 *Phellinus rimosus* (Berk.) Pilát
- 443 *Phellinus senex* (Nees & Mont.) Imazeki
- 444 *Phellinus setulosus* (Lloyd) Imazeki
- 445 *Phellinus torulosus* (Pers.) Bourdot & Galzin
- 446 *Phlebiopsis crassa* (Lév.) Floudas & Hibbett
- 447 *Phlebopus colossus* (R.Heim) Singer
- 448 *Phlebopus silvaticus* Heinem.
- 449 *Phlebopus sudanicus* (Har. & Pat.) Heinem.
- 450 *Pholiota spumosa* (Fr.) Singer
- 451 *Phragmidium mucronatum* (Pers.) Schltld.
- 452 *Phylloporia afrospathulata* Yombiy. & Decock
- 453 *Phylloporia minutispora* Ipulet & Ryvarden
- 454 *Phylloporia pectinata* (Klotzsch) Ryvarden
- 455 *Phylloporia resupinata* Douanla-Meli & Ryvarden
- 456 *Phylloporia spathulata* (Hook.) Ryvarden
- 457 *Phylloporus ampliporus* Heinem. & Rammeloo
- 458 *Phylloporus carmineus* Heinem.
- 459 *Phylloporus gomphidioides* Heinem. & Rammeloo
- 460 *Phylloporus nigrescens* Heinem. & Rammeloo
- 461 *Phylloporus purpureus* var. *ambiguus* Heinem.
- 462 *Phylloporus rhodophaeus* Heinem. & Rammeloo
- 463 *Phylloporus tubipes* Heinem.
- 464 *Phyllotopsis salmonea* (Kalchbr. & MacOwan) D.A.Reid
- 465 *Physalacria macrocystidiata* Rammeloo
- 466 *Pisolithus arhizus* (Scop.) Rauschert
- 467 *Pleurotus cystidiosus* O.K.Mill.
- 468 *Pleurotus djamor* (Rumph. ex Fr.) Boedijn
- Lewalle J., de Witte G.F.^{DRC}, Lebrun J.^{DRC}, Petit E.M.A.^{BU}, Louis J.^{DRC}, Van der Veken P.^{RW}, Hendrickx F.L.^{RW, DRC}, Reekmans R.^{BU}, Van Meel L.^{BU} Rammeloo J.^{RW, BU}, Balezi^{DRC} Balezi A.^{DRC}
- Balezi A.^{DRC}, Rammeloo J.^{DRC}
- Balezi A.^{DRC}
- Rammeloo J.^{DRC}, Balezi^{DRC}
- Balezi A.^{DRC}
- de Witte G.F.^{DRC}, Balezi^{DRC}
- De Witte G.F.^{DRC}
- Balezi A.^{DRC}
- Rammeloo J.^{RW}
- Rammeloo J.^{RW}, Van der Veken P.^{RW, DRC}, Lambinon J.^{BU, RW}, de Witte G.F.^{DRC}, Fassi B.^{DRC}
- Van der Veken P.^{RW}, Balezi^{DRC}
- Rammeloo J.^{RW, BU}
- Rammeloo J.^{RW}
- Rammeloo J.^{BU}
- Rammeloo J.^{DRC}
- Van der Veken P.^{RW}
- Degreef J.^{RW}, Mukandera A.^{RW}
- Hendrickx F.L.^{DRC}
- Balezi A.^{DRC}
- Balezi A.^{DRC}
- Balezi A.^{DRC}
- Balezi A.^{DRC}
- Rammeloo J.^{BU}
- Rammeloo J.^{DRC}, Van der Veken P.^{DRC}
- Rammeloo J.^{DRC}
- Rammeloo J.^{BU}
- Rammeloo J.^{DRC}
- Rammeloo J.^{BU}
- Thoen D.^{DRC}
- Cocquyt C.^{BU}
- Rammeloo J.^{BU}
- Rammeloo J.^{RW}
- Murhula Cizungu A.^{DRC}, Nkengurutse J.^{BU}, Petit E.M.A.^{BU}, Demaire^{RW}, Van Puyvelde L.^{RW}, Goossens-Fontana M.^{DRC}
- + Degreef J.^{RW}
- + Degreef J.^{RW}, Rizinde J.C.^{DRC}

- 469 *Pleurotus flabellatus* Sacc. + Hendrickx F.L.^{DRC}, Degreef J.^{RW}, Rizinde J.C.^{DRC}
- 470 *Pleurotus tuber-regium* (Fr.) Singer + Rizinde J.C.^{DRC}
- 471 *Pluteus albostipitatus* (Dennis) Singer Goossens-Fontana M.^{DRC}
- 472 *Pluteus glaucotinctus* E.Horak Goossens-Fontana M.^{DRC}
- 473 *Pluteus phaeoleucus* E.Horak Goossens-Fontana M.^{DRC}
- 474 *Pluteus pulverulentus* Murrill Goossens-Fontana M.^{DRC}
- 475 *Podoscypha bolleana* (Mont.) Boidin de Witte G.F.^{DRC}
- 476 *Podoscypha involuta* (Klotzsch) Imazeki de Witte G.F.^{DRC}, Hendrickx F.L.^{DRC}, Van der Veken P.^{DRC}, Rammeloo J.^{BU}, Goossens-Fontana M.^{DRC}
- 477 *Podoscypha nitidula* (Berk.) Pat. Rammeloo J.^{BU}, Petit E.M.A.^{BU}
- 478 *Podoscypha parvula* (Lloyd) D.A.Reid de Witte G.F.^{DRC}, Hendrickx F.L.^{DRC}, Rammeloo J.^{BU}, Petit E.M.A.^{BU}
- 479 *Podoscypha petalodes* subsp. *rosulata* D.A.Reid Goossens-Fontana M.^{DRC}
- 480 *Podoscypha thozetii* (Berk.) Boidin Petit E.M.A.^{BU}, Rammeloo J.^{BU}
- 481 *Polyporus badius* (Pers.) Schwein. Rammeloo J.^{BU}
- 482 *Polyporus dictyopus* Mont. Rammeloo J.^{BU}
- 483 *Polyporus fasciculatus* (Pat.) Lloyd Rammeloo J.^{DRC, BU}
- 484 *Polyporus leprieurii* Mont. de Witte G.F.^{DRC}
- 485 *Polyporus squamosus* Huds. Degreef J.^{RW}
- 486 *Polyporus tricholoma* Mont. Verbeken A.^{BU}
- 487 *Polyporus tuberaster* (Jacq. ex Pers.) Fr. Degreef J.^{RW}
- 488 *Polyporus virgatus* Berk. & M.A.Curtis Rizinde J.C.^{DRC}, Rammeloo J.^{RW}
- 489 *Porostereum spadiceum* (Pers.) Hjortstam & Ryvarden Rammeloo J.^{RW}, de Witte G.F.^{DRC}
- 490 *Porphyrellus niger* Heinem. & Gooss.-Font. Goossens-Fontana M.^{DRC}, Verbeken A.^{BU}
- 491 *Postia africana* (Ryvarden) V.Papp Rammeloo J.^{BU}
- 492 *Psathyrella atroumbonata* Pegler + Degreef J.^{RW}, Mukandera A.^{RW}
- 493 *Psathyrella tuberculata* (Pat.) A.H.Sm. + Degreef J.^{RW}
- 494 *Psilocybe semilanceata* Singer Goossens-Fontana M.^{DRC}
- 495 *Pterygellus funalis* (Henn.) D.A.Reid Rammeloo J.^{BU}
- 496 *Pulveroboletus carminiporus* Heinem. Rammeloo J.^{DRC}
- 497 *Pulveroboletus cavipes* Heinem. Rammeloo J.^{DRC}
- 498 *Ranadivia stereoides* (Fr.) Zmitr. Rammeloo J.^{DRC}
- 499 *Rectipilus natalensis* (W.B.Cooke) Agerer Rammeloo J.^{BU}
- 500 *Rickenella fibula* (Bull.) Raitelh. Rammeloo J.^{BU}
- 501 *Rigidoporus biokoensis* (Bres. ex Lloyd) Ryvarden de Witte G.F.^{DRC}
- 502 *Rigidoporus lineatus* (Pers.) Ryvarden Lebrun J.^{DRC}
- 503 *Rigidoporus microporus* (Sw.) Overeem de Witte G.F.^{DRC}, Rammeloo J.^{DRC}, Lebrun J.^{RW}, Hendrickx F.L.^{DRC}
- 504 *Rigidoporus vinctus* (Berk.) Ryvarden Rammeloo J.^{RW, BU}
- 505 *Ripartitella degreefii* Rizinde, Desjardin, Amalfi & Decock Rizinde J.C.^{DRC}
- 506 *Royoporus spatulatus* (Jungh.) A.B.De de Witte G.F.^{DRC}, Rammeloo J.^{BU, DRC, RW}, Degreef J.^{RW}

507	<i>Rubinoboletus ballouii</i> (Peck) Heinem. & Rammeloo	Rammeloo J. ^{BU} , Lambinon J. ^{BU} , Dossin ^{BU}
508	<i>Rubinoboletus griseus</i> Heinem. & Rammeloo	Cocquyt C. ^{BU}
509	<i>Rubinoboletus luteopurpureus</i> (Beeli) Heinem. & Rammeloo	Nkengurutse J. ^{BU} , Rammeloo J. ^{DRC} , Verbeken A. ^{BU}
510	<i>Rubinoboletus phlebopoides</i> Heinem. & Rammeloo	Rammeloo J. ^{BU}
511	<i>Russula afrodelica</i> Buyck	Dossin ^{BU}
512	<i>Russula afronigricans</i> Buyck	Degreef J. ^{BU}
513	<i>Russula albofloccosa</i> Buyck	Verbeken A. ^{BU} , Rammeloo J. ^{BU}
514	<i>Russula annulata</i> var. <i>tshopoensis</i> Buyck	Verbeken A. ^{BU}
515	<i>Russula areolata</i> Buyck	Rammeloo J. ^{BU}
516	<i>Russula brunneofloccosa</i> Buyck	Verbeken A. ^{BU}
517	<i>Russula brunneorigida</i> Buyck	Rammeloo J. ^{BU}
518	<i>Russula bururiensis</i> Buyck	Rammeloo J. ^{BU}
519	<i>Russula cellulata</i> Buyck	+ Verbeken A. ^{BU} , Degreef J. ^{BU}
520	<i>Russula ciliata</i> Buyck	+ Verbeken A. ^{BU} , Dossin ^{BU} , Degreef J. ^{BU}
521	<i>Russula compressa</i> Buyck	+ Rammeloo J. ^{BU}
522	<i>Russula congoana</i> Pat.	+ Degreef J. ^{BU} , Dossin ^{BU}
523	<i>Russula cyanoxantha</i> (Schaeff.) Fr.	+ Verbeken A. ^{BU}
524	<i>Russula diffusa</i> Buyck	Rammeloo J. ^{DRC}
525	<i>Russula flavobrunnea</i> var. <i>flavobrunnea</i> Buyck	+ Rammeloo J. ^{BU}
526	<i>Russula hiemisilvae</i> Buyck	+ Degreef J. ^{BU}
527	<i>Russula kivuensis</i> Buyck	Rammeloo J. ^{DRC}
528	<i>Russula madagassensis</i> R.Heim	Nkengurutse J. ^{BU}
529	<i>Russula meleagris</i> Buyck	+ Rammeloo J. ^{DRC}
530	<i>Russula murinacea</i> R.Heim	Verbeken A. ^{BU}
531	<i>Russula oleifera</i> var. <i>oleifera</i> Buyck	Rammeloo J. ^{BU}
532	<i>Russula parvulospora</i> Buyck	Rammeloo J. ^{BU}
533	<i>Russula patouillardii</i> Singer	Verbeken A. ^{BU} , Degreef J. ^{BU}
534	<i>Russula pectinata</i> Fr.	Verbeken A. ^{BU}
535	<i>Russula pellucida</i> (Gooss.-Font. & R.Heim) Buyck	Rammeloo J. ^{DRC}
536	<i>Russula phaeocephala</i> Buyck	+ Rammeloo J. ^{BU}
537	<i>Russula pseudocarmesina</i> Buyck	Nkengurutse J. ^{BU}
538	<i>Russula roseoviolacea</i> Buyck	+ Degreef J. ^{BU} , Rammeloo J. ^{DRC}
539	<i>Russula sejuncta</i> Buyck	+ Rammeloo J. ^{BU} , Dossin ^{BU}
540	<i>Russula striatoviridis</i> Buyck	+ Verbeken A. ^{BU}
541	<i>Russula subfistulosa</i> Buyck	Dossin ^{BU} , Rammeloo J. ^{BU}
542	<i>Russula testacea</i> Buyck	Dossin ^{BU} , Rammeloo J. ^{BU} , Degreef J. ^{BU}
543	<i>Russula testaceoaurantiaca</i> Beeli	Rammeloo J. ^{DRC}
544	<i>Russula velutina</i> (Bres.) Buyck	Verbeken A. ^{BU}
545	<i>Russula viscidula</i> Buyck	Verbeken A. ^{BU}
546	<i>Russula yaeneroensis</i> Buyck	Rammeloo J. ^{DRC}

- 547 *Schizophyllum commune* Fr.
- 548 *Scleroderma aurantium* (L.) Pers.
- 549 *Scleroderma cepa* Pers.
- 550 *Scleroderma citrinum* Pers.
- 551 *Scleroderma dictyosporum* Pat.
- 552 *Scleroderma leptopodium* Pat. & Har.
- 553 *Scytinostroma duriusculum* (Berk. & Broome) Donk
- 554 *Septobasidium bogoriense* Pat.
- 555 *Sericeomyces violaceus* Heinem.
- 556 *Sericeomyces viscidulus* Heinem.
- 557 *Serpula similis* (Berk. & Broome) Ginns
- 558 *Setogyroporus verus* Heinem. & Rammeloo
- 559 *Setulipes afibulatus* Antonin
- 560 *Setulipes curvistipitatus* Antonin
- 561 *Setulipes rhizomorphicola* Antonin
- 562 *Skeletocutis nivea* (Jungh.) Jean Keller
- 563 *Sphacelotheca ischaemi* (Fuckel) G.P.Clinton
- 564 *Steccherinum ethiopicum* Maas Geest.
- 565 *Steccherinum ochraceum* (Pers.) Gray
- 566 *Steccherinum scalare* Maas Geest. & Lanq.
- 567 *Stereopsis hicens* (Berk. & Ravenel) D.A.Reid
- 568 *Stereum hirsutum* (Willd.) Pers.
- 569 *Stereum lobatum* (Kunze ex Fr.) Fr.
- 570 *Stereum ochraceoflavum* (Schwein.) Sacc.
- 571 *Stereum ostrea* (Blume & T.Nees) Fr.
- 572 *Stereum reflexulum* Lloyd
- 573 *Stropharia aeruginosa* (Curtis) Quéf.
- 574 *Suillus granulatus* (L.) Roussel
- 575 *Suillus luteus* (L.) Roussel
- 576 *Terana coerulea* (Lam.) Kuntze
- 577 *Termitomyces clypeatus* R.Heim
- 578 *Termitomyces letestui* (Pat.) R. Heim
- 579 *Termitomyces mammiformis* R.Heim
- 580 *Termitomyces microcarpus* (Berk. & Broome) R.Heim
- + Degreef J. ^{DRC}, Rizinde J.C. ^{DRC}, Rammeloo J. ^{DRC, BU}, Petit E.M.A. ^{BU}, de Witte G.F. ^{DRC}, Hendrickx F.L. ^{DRC}, Lewalle J. ^{BU}, Lebrun J. ^{DRC}
- Hendrickx F.L. ^{DRC}
- Demoulin V. ^{DRC, RW, BU}
- Lambinon J. ^{BU}, Demaire ^{RW}, Demoulin ^{DRC}
- Demoulin V. ^{DRC}
- Demoulin V. ^{DRC}
- Rammeloo J. ^{RW}
- Hendrickx F.L. ^{DRC}
- Goossens-Fontana M. ^{DRC}
- Goossens-Fontana M. ^{DRC}
- Rammeloo J. ^{DRC}
- Cocquyt C. ^{BU}, Rammeloo J. ^{BU}
- Rammeloo J. ^{BU}
- Rammeloo J. ^{BU}
- Rammeloo J. ^{BU}
- Rammeloo J. ^{RW, BU}
- Bequaert J. ^{DRC}
- Rammeloo J. ^{RW}
- Rammeloo J. ^{RW}
- Rammeloo J. ^{DRC}
- Rammeloo J. ^{BU}
- Rammeloo J. ^{DRC, RW, BU}, Verbeken A. ^{BU}, Lebrun J. ^{DRC}, Hendrickx F.L. ^{DRC}, de Witte G.F. ^{DRC}, Van der Veken P. ^{DRC}, de Witte G.F. ^{DRC}, Van der Veken P. ^{RW}, Vanderyst H. ^{DRC}
- Rammeloo J. ^{BU}
- Rammeloo J. ^{RW, BU}, Hendrickx F.L. ^{DRC}, Lebrun J. ^{DRC}, de Witte G.F. ^{DRC}, Goossens-Fontana M. ^{DRC}, Lewalle J. ^{BU}
- Petit E.M.A. ^{BU}
- Degreef J. ^{RW}
- + Leonetout J.J. ^{RW}, Rammeloo J. ^{BU}, Mukandera A. ^{RW}
- + Leonetout J.J. ^{RW}, Gaie ^{BU}
- Rammeloo J. ^{RW}
- + de Witte G.F. ^{DRC}
- + Rizinde J.C. ^{DRC}
- + Degreef J. ^{BU}
- + Goossens-Fontana M. ^{DRC}, Verbeken A. ^{BU}, de Witte G.F. ^{DRC}, Rizinde J.C. ^{DRC}, Mukandera A. ^{RW}

- 581 *Termitomyces robustus* (Beeli) R.Heim + Goossens-Fontana M.^{DRC}, Degreef J.^{RW, BU}, Rizinde J.C.^{DRC}, Cocquyt C.^{BU}, Mukandera A.^{RW}
- 582 *Termitomyces schimperi* (Pat.) R.Heim + Mukandera A.^{RW}
- 583 *Termitomyces striatus* (Beeli) R.Heim + Mukandera A.^{RW}
- 584 *Theleporus calcicolor* (Sacc. & P.Syd.) Ryvarden Rammeloo J.^{BU}
- 585 *Tilletia ayresii* Berk. Lambinon J.^{BU}, Troupin O.^{BU, RW}
- 586 *Tinctoporellus epimiltimus* (Berk. & Broome) Ryvarden Rammeloo J.^{BU}
- 587 *Trametes cervina* (Schwein.) Bres. Petit E.M.A.^{BU}
- 588 *Trametes cingulata* Berk. Petit E.M.A.^{BU}, Rammeloo J.^{RW}, Thoen D.^{DRC}, Hendrickx F.L.^{DRC}
- 589 *Trametes cinnabarina* (Jacq.) Fr. (Jacq.) P.Karst. Rammeloo J.^{BU}, Hendrickx F.L.^{DRC}
de Witte G.F.^{DRC}, Hendrickx F.L.^{DRC}, Rammeloo J.^{DRC, RW, BU}, Lewalle J.^{BU}, Lebrun J.^{DRC}, Germain R.G.A.^{DRC}, Petit E.M.A.^{BU}, Goossens-Fontana M.^{DRC}, Van der Veken P.^{DRC, RW}
- 590 *Trametes coccinea* (Fr.) Hai J. Li & S.H. He de Witte G.F.^{DRC}, Rammeloo J.^{RW, BU}, Reekmans R.^{BU}
Van der Veken P.^{RW}, Rammeloo J.^{BU, DRC, RW}, de Witte G.F.^{DRC}, Lebrun J.^{DRC}, Petit E.M.A.^{BU}, Hendrickx F.L.^{DRC}, Murhula Cizungu A.^{DRC}
- 591 *Trametes cotonea* (Pat. & Har.) Ryvarden Rammeloo J.^{DRC, RW, BU}
- 592 *Trametes elegans* (Spreng.) Fr. Rammeloo J.^{RW, BU}
- 593 *Trametes hirsuta* (Wulfen) Pilát Rammeloo J.^{RW, BU}, Hendrickx F.L.^{DRC}, Lambinon J.^{BU}
- 594 *Trametes leonina* (Klotzsch) Pat. Petit E.M.A.^{BU}
- 595 *Trametes meyenii* (Klotzsch) Lloyd de Witte G.F.^{DRC}, Hendrickx F.L.^{DRC}
- 596 *Trametes mimetes* (Wakef.) Ryvarden de Witte G.F.^{DRC}, Becquet A.^{BU}
- 597 *Trametes occidentalis* (Klotzsch) Fr. de Witte G.F.^{DRC}, Lebrun J.^{DRC}, Rammeloo J.^{DRC, BU, RW}, Hendrickx F.L.^{DRC}, Verbeken A.^{BU}, Van der Veken P.^{RW}
- 598 *Trametes palisotii* (Fr.) Imazeki Rammeloo J.^{RW, BU}, de Witte G.F.^{DRC}
- 598 *Trametes polyzona* (Pers.) Justo Lebrun J.^{DRC}, de Witte G.F.^{DRC}, Rammeloo J.^{BU, RW, DRC}, A., Lewalle J.^{BU}, Petit E.M.A.^{BU}, Lambinon J.^{RW}, Reekmans R.^{BU}, Van der Veken P.^{RW}
- 599 *Trametes strumosa* (Fr.) Zmitr., Wasser & Ezhov Hendrickx F.L.^{DRC}
- 600 *Trametes versicolor* (L.) Lloyd + Rammeloo J.^{BU}, Degreef J.^{DRC, RW}, Mukandera A.^{RW}, Rizinde J.C.^{DRC}
- 601 *Tranzschelia pruni-spinosae* (Pers.) Dietel + Rizinde J.C.^{DRC}, Goossens-Fontana M.^{DRC}, Rammeloo J.^{DRC}
- 602 *Tricholomopsis aurea* (Beeli) Desjardin & B.A.Perry Balezi A.^{DRC}
- 603 *Trogia infundibuliformis* Berk. & Broome Rammeloo J.^{DRC}
- 604 *Tropicoporus linteus* (Berk. & M.A. Curtis) L.W. Zhou & Y.C. Dai + Rammeloo J.^{BU}
- 605 *Tubosaeta alveolata* Heinem. Rammeloo J.^{BU}, Lambinon J.^{BU}, Verbeken A.^{BU}
- 606 *Tubosaeta brunneosetosa* (Singer) E.Horak Reekmans R.^{BU}
- 607 *Tubosaeta heterosetosa* Heinem. Lambinon J.^{BU}, Lewalle J.^{BU}, Demoulin V.^{RW}
- 608 *Tulostoma carneum* Pat.
- 609 *Tulostoma exasperatum* Mont.

610	<i>Tylopilus striatulus</i> Heinem.		Rammeloo J. ^{DRC}
611	<i>Tylopilus violaceus</i> (Beeli) Heinem.		Rammeloo J. ^{DRC}
612	<i>Tyromyces atrostrigosus</i> (Cooke) G.Cunn.		Rammeloo J. ^{BU}
613	<i>Tyromyces setiger</i> (Cooke) Teng		Rammeloo J. ^{BU}
614	<i>Ustilago catherinae</i> Zambett.		Bequaert J. ^{DRC}
615	<i>Ustilago ischaemi</i> Fuckel		Stuhlmann F. ^{RW}
616	<i>Ustilago kamerunensis</i> Syd. & P.Syd.		Hendrickx F.L. ^{DRC, RW}
617	<i>Veloporphyrellus africanus</i> Watling	+	Rammeloo J. ^{BU}
618	<i>Volvariella congolensis</i> N.C.Pathak		Goossens-Fontana M. ^{DRC}
619	<i>Volvariella gloiocephala</i> (DC.) Boekhout & Enderle		Goossens-Fontana M. ^{DRC}
620	<i>Volvariella goossensiae</i> (Beeli) Shaffer		Goossens-Fontana M. ^{DRC}
621	<i>Volvariella insignis</i> Heinem.		Goossens-Fontana M. ^{DRC}
622	<i>Volvariella mammosa</i> N.C.Pathak		Goossens-Fontana M. ^{DRC}
623	<i>Volvariella surrecta</i> (Knapp) Singer		Goossens-Fontana M. ^{DRC}
624	<i>Volvariella villosovolva</i> (Lloyd) Singer		Goossens-Fontana M. ^{DRC}
625	<i>Volvariella volvacea</i> (Bull.) Sing.	+	Rizinde J.C. ^{DRC}
626	<i>Wrightoporia pouzarii</i> A.David & Rajchenb.		Rammeloo J. ^{BU}
627	<i>Xerocomus becquetii</i> Heinem.		Becquet A. ^{RW}
628	<i>Xerocomus pseudotristis</i> Heinem. & Gooss.-Font.		Rammeloo J. ^{DRC}
629	<i>Xerocomus schmitzii</i> Heinem.		Rammeloo J. ^{DRC, BU}
630	<i>Xerocomus spinulosus</i> Heinem. & Gooss.-Font.	+	Rammeloo J. ^{DRC}
631	<i>Xylobolus princeps</i> (Jungh.) Boidin		Rammeloo J. ^{BU}
632	<i>Xylobolus subpileatus</i> (Berk. & M.A.Curtis) Boidin		Van der Veken P. ^{RW}
633	<i>Xylodon flaviporus</i> (Berk. & M.A. Curtis ex Cooke) Riebesehl & Langer		Rammeloo J. ^{BU}
634	<i>Xylodon rimosissimus</i> (Peck) Hjortstam & Ryvarden		Rammeloo J. ^{RW}

Considering the ratio 5:1 (five plant species per macrofungus species) to 2:1 (two plant species per macrofungus species) (MUELLER *et al.*, 2007), the Albertine Rift botanical diversity which encompasses 5793 plant species (PLUMPTRE *et al.*, 2007) host a putative number of larger fungi ranging from 1158 to 2896. At a lesser scale, the Virunga National Park in DR Congo which harbors 2077 plant species (PLUMPTRE *et al.*, 2007) would host 415 to 1038 macrofungi species and the Nyungwe forests in Rwanda, which vegetation is composed of 1105 plant species, would host 220-550 macrofungi species (PLUMPTRE *et al.*, 2007)

With only 634 species of larger fungi here reported for the whole region, encompassing a range of ecosystems (montane forest, bamboo forest, rain forest, miombo, savannah, agricultural fields), the basidiomycete diversity in the African Great Lakes region is without any doubt insufficiently known.

Species list in Table 1 highlights that 102 taxa collected in the African Great Lakes Region have been assigned in the BR database a name accepted for a European species. Although the identification of some species is not in doubt (e.g. *Schizophyllum commune* known to be cosmopolitan), many specimens identified as European taxa (e.g. *Amanita rubescens* or *Lepista sordida*) would deserve to be re-studied using modern microscopy techniques and molecular tools to confirm their identification. Studies on African *Armillaria* are namely ongoing to clarify the confused systematics of this group and reject the presence of European taxa in the African Great Lakes Region (Fig. 1).



Figure 1. A. *Amanita rubescens* in open forests of Burundi. B. *Lepista sordida* in bamboo forests of Rwanda. C. The cosmopolitan *Schizophyllum commune* in the Virunga NP (DRC). D. A presumably new *Armillaria* species to be described from Kahuzi-Biega NP (DRC).

The analysis of Table 1 also reveals that 115 fungal species present in the African Great Lakes Region are known to be edible. Edible fungi are very important in the region as both a source of food and income. Traditional mycological knowledge varies according to communities and is passed on through generations. In southern and eastern Burundi, mushrooms are mainly gathered in open forests areas and are mainly ectomycorrhizal taxa associated with Caesalpiniaceae (BUYCK, 1994). In montane forests of DR Congo and Rwanda saprotrophic species are the most abundant but the most popular edible ones are termitophilic species (mainly *Termitomyces microcarpus* and *Termitomyces robustus*) which are commonly sold on the markets and along the roads (DEGREEF *et al.*, 2016).

CONCLUSION

For decades, morphological features have been used as the basis for identification of most species in tropical Africa (RAMMELOO & WALLEYN, 1993; NJOUONKOU, 2011; EYI NDONG *et al.*, 2011; BUYCK *et al.*, 2013; RIZINDE, 2016). The use of macroscopical characters for identification is delicate because of their dependency with environment and with the maturity of the specimen. In some cases, microscopical studies are not possible on herbarium material because sporophores are immature or badly conserved.

In the past, the lack of local documentation has forced most mycologists to identify African fungi and name the species based on European floras. Some African specimens very close to European species have been consequently erroneously identified. The availability of new identification tools (molecular techniques, Scanning Electron Microscopy) and the improvement of the optical microscopy equipment plus the availability of softwares for measuring and analysing of the data should make it possible to solve these recurring taxonomic problems which are repeated from generation to generation of mycologists since the beginning of the 20th century.

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