

Fungal records from the Isle of Bute

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Compared to other Scottish islands the fungi of Bute are poorly known. The first records come from Paterson (1876) in the Handbook for the British Association for the Advancement of Science's visit to Glasgow that year. A second visit by the Association in 1901 allowed Boyd (1901) to add to the list. D.A. Boyd, of Glasgow University, also recorded micro-fungi, especially plant parasites, in a series of publications (Boyd, 1901,1913,1915,1916.) Nothing more seems to have been published for fifty years. In 1928 the Irish mycologist W.F. Gunn recorded a few myxomycetes from Rothesay; his specimens are in the Natural History Museum in London. In 1965 the present writer visited Rothesay to lecture to the Natural History Society and spent a day recording myxomycetes. The records subsequently appeared in an article on Scottish islands (Ing, 1968.) A second visit by Ing, in 2008, produced further records of myxomycetes and ascomycetes and triggered the planning of the visit of the British Mycological Society in 2012.

The following list is a compilation of all the records made since 1876, with updated nomenclature.

The symbol † indicates records made prior to 1965; ‡ the period 1965 to 2000 and § the 21st century. The majority of the latter were made during the foray in September 2012. Rare species are indicated with *, and species growing on the bark of living trees with (b). The list shows that Bute is a rich source of rare and interesting fungi and worthy of further investigation.

Localities are abbreviated as follows : AS - Ascog, including Fernery; BA - Barone Cemetery; BC - Ballycaul Wood; BW - Bogany Wood; DG - Dunagoil; EB - Etrick Bay; GB - Glecknabae; GM - Glen More; KB - Kilchattan Bay; KD - Kirk Dam; KG - Kingarth; LE - Lochend Wood; LF - Loch Fad woodland; MS - Mountstuart, including Cosson Wood, Reservoir Wood and Torr Wood; NB - North Bute; NL - North Wood of Lenihuline; QP - Loch Quien plantation; R - Rothesay, including churchyards of St Mary's and United Trinity Churches; RB - Rhubodach Woods; SB - South Bute; SC - St. Blane's Chapel; SL - South Wood of Lenihuline; SN - St Ninian's Point; SS - Scalpsie Bay; SW - Skeoch Wood.

Myxomycota

§ *Arcyria cinerea* (b) MS,R
§ *A. denudata* MS,R,RB
§ *A. incarnata* MS
§ *A. pomiformis* (b) R
§ *Badhamia affinis* (b) Stuck
† *B. panicea* R
§ *B. utricularis* LF
‡* *B. versicolor* (b) MS
§ *Calomyxa metallica* (b) MS,SC
§ *Ceratiomyxa fruticulosa* BW,LF,MS,R,SW
§ *Collaria elegans* MS
§ *Comatriza laxa* MS
§ *C. nigra* MS,R
§ *C. pulchella* MS,R
§ *Craterium minutum* MS,R
§ *Cribraria argillacea* MS
§ *C. aurantiaca* MS
§ *C. cancellata* MS
§ *C. rufa* MS
§ *Dictydiaethalium plumbeum* R
† *Diderma spumarioides* no locality (Paterson 1876)
‡ *Didymium bahiense* MS
§ *D. clavus* GM
§ *D. difforme* MS
§ *D. ilicinum* MS,R
‡ *D. melanospermum* MS
§ *D. nigripes* MS
‡ *D. squamulosum* MS

§ *Echinostelium apitectum* (b) MS
§ *E. brooksii* (b) MS
§ *E. colliculosum* (b) MS
§ *E. corynophorum* (b) MS
§ *E. fragile* (b) MS
§ *E. minutum* (b) MS,SC
§ *Enerthenema papillatum* (b) MS
† *Fuligo candida* R (1928)
§ *F. septica* LF,MS,R,SW Flowers of tan
§ *Hemitrichia calyculata* MS,R
§ *H. minor* (b) MS
§ *H. pardina* (b) RB,SC
§ *Lamproderma columbinum* MS,R
§ *L. scintillans* MS,R
§ *Leocarpus fragilis* MS,RB
§ *Lepidoderma tigrinum* MS
§ *Licea biforis* (b) MS
§ *L. bryophila* (b) MS,RB,SC
‡ *L. castanea* (b) MS
§ *L. denudescens* (b) MS
§ *L. erddigensis* (b) Stuck
§ *L. kleistobolus* (b) MS
§ *L. marginata* (b) MS,RB
§ *L. microscopica* (b) MS
§ *L. minima* (b) SC
§ *L. operculata* (b) MS, Stuck
§ *L. parasitica* (b) MS,R,SC, Stuck
§ *L. pygmaea* (b) MS
§ *L. scyphoides* (b) MS,SC

§ *L. synsporos* (b) MS
 §* *L. tenera* (b) MS, Stuck
 ‡ *L. variabilis* MS
 §* *Lycogala confusum* RB
 § *L. epidendrum* MS, SC
 §* *L. flavofuscum* SW
 § *L. terrestre* BW, MS, RB, SW
 § *Macbrideola cornea* (b) MS, SC
 § *Metatrichia floriformis* MS, SW
 § *Mucilago crustacea* MS
 § *Paradiacheopsis cribrata* (b) MS
 § *P. fimbriata* (b) MS, SC
 § *P. solitaria* (b) MS, RB
 § *Perichaena chrysosperma* (b) MS, SC
 ‡ *P. corticalis* MS
 ‡ *P. depressa* MS
 § *Physarum album (nutans)* MS
 ‡ *P. bivalve* MS
 § *P. cinereum* R
 § *P. leucophaeum* BW, MS
 ‡* *P. limonium* (b) MS
 § *P. pusillum* KB, RB
 ‡ *P. viride* MS
 § *Pocheina rosea* (b) MS
 ‡ *Reticularia lycoperdon* MS
 ‡ *R. olivacea* MS
 § *Stemonitis axifera* MS, R
 § *S. fusca* LF, MS, SC, SW
 § *S. herbatica* SW
 § *Stemonitopsis hyperopta* MS
 § *S. typhina* LF, MS
 § *Symphytocarpus flaccidus* MS, SC
 § *Trichia affinis* MS, R
 § *T. botrytis* LF, MS
 ‡ *T. contorta* MS
 § *T. decipiens* MS, R
 § *T. meylanii* MS, R
 § *T. munda* (b) Stuck
 ‡ *T. persimilis* MS
 § *T. varia* MS, SW
 § *Tubifera ferruginosa* MS, SW

Oomycota

† *Albugo candida* KG white rust of crucifers
 † *Bremia lactucae* R downy mildew of composites
 † *Peronospora alsinearum* R chickweed downy mildew
 † *P. alta* R plantain downy mildew
 § *P. aparines* KB, R goose-grass downy mildew
 † *P. farinosa* NB sea purslane downy mildew
 † *P. minor* R orache downy mildew
 † *P. obovata* R field spurrey downy mildew
 † *P. parasitica* KG downy mildew of crucifers
 § *P. separata* SC mouse-ear chickweed downy mildew
 † *P. trifoliorum* R downy mildew of legumes
 † *Phytophthora infestans* widespread potato blight
 † *Plasmopara densa* R bartsia and yellow-rattle downy mildew
 † *P. umbelliferarum* R, SB downy mildew of umbellifers

† *Pseudoperonospora urticae* MS downy mildew of *Urtica urens*

Chytridiomycota

†* *Physoderma menyanthi* KB bog-bean gall
 † *Synchytrium erieum* SB gall on ribwort
 † *S. mercurialis* SB dog's mercury leaf curl
 † *S. stellariae* SB chickweed gall

Zygomycota

† *Spinellus fusiger* R parasitic mould on *Mycena*
 † *Syzigites megalocarpus* MS parasitic mould on agarics

Ascomycota

§ *Aleuria aurantiaca* MS Orange peel fungus
 § *Annulohyphoxylon multiforme* BW, RB, SW Birch woundwart
 ‡ *Anthostomella phaeosticta* KB on marram stems
 † *Ascobolus furfuraceus* SB on cow dung
 § *Ascocoryne sarcoides* LF, MS Purple jellydisc
 § *Ascodichaena rugosa* MS, R black oakbark crust
 § *Bertia moriformis* MS Wood mulberry
 § *Bisporella citrina* MS, R Lemon disco
 § *B. sulfurina* LF on moribund pyrenomycetes
 † *Blumeria graminis* SB grass mildew
 § *Bulgaria inquinans* BW, LF, MS, NL, RB, SL, SW Black bulgar
 † *Calloria neglecta* SB on dead nettle stems
 † *Calycella lenticularis* unlocalised
 † *C. ochracea* unlocalised
 § *Calycina herbarum* RB on dead stems
 § *Cheilymenia stercorea* DG on cow dung
 § *Chlorociboria aeruginascens* BW, LF, MS Green elfcup
 §* *C. aeruginosum* GB on dead wood
 § *Claviceps purpurea* BW, LF, RB Ergot
 †* *Coleroa alchemillae* SB parasite on leaves of lady's mantle
 § *C. robertiani* MS parasite on leaves of herb Robert
 † *Coprobria granulata* SB on cow dung
 § *Cordyceps militaris* BW, MS Scarlet caterpillarclub
 § *Diatrype disciformis* BW, LF, MS Beech barkspot
 § *D. stigma* MS Common tarcrust
 § *Diatrypella favacea* BW, SW on dead branches
 † *Diplocarpon rosae* R black spot on roses
 † *D. saponariae* KB leaf spot of red campion
 † *Drepanopeziza ribis* NB, SB parasite on leaves of red currant
 § *Elaphocordyceps ophioglossoides* MS Snaketongue truffleclub
 § *Elaphomyces granulatus* MS False truffle
 § *E. muricatus* MS a false truffle
 § *Erysiphe adunca* GB, KB, R, RB Willow mildew
 § *E. alphitoides* BW, MS, NB, RB, SB, SL, SW Oak mildew
 § *E. aquilegiae var. aquilegiae* MS Columbine mildew
 § *E. aquilegiae var. ranunculi* MS, R Buttercup mildew
 § *E. azaleae* MS Rhododendron mildew

- § *E. circaeae* MS,SW Enchanter's nightshade mildew
 § *E. cruciferarum* R Crucifer mildew
 § *E. flexuosa* MS Horse chestnut mildew
 † *E. grossulariae* SB European gooseberry mildew
 § *E. heraclei* MS Umbellifer mildew
 § *E. knautiae* MS,RB Devil's bit mildew
 § *E. ornata* GB Birch mildew
 § *E. penicillata* LF,RB Alder mildew
 § *E. pisi* KB,MS Pea mildew
 § *E. prunastri* R Blackthorn mildew
 § *E. trifoliorum* SC Clover mildew
 § *Euoidium chrysanthemi* R Chrysanthemum mildew
 §* *Genea hispidula* BW,MS a truffle
 † *Glomerella cingulata* SB on dying birch leaves
 †* *Gnomonia comari* KD leaf spot on marsh cinquefoil
 †* *G. leptostyla* Kames Castle on leaves of walnut
 † *G. setacea* R on birch leaves
 † *Golovinomyces artemisiae* KB Mugwort mildew
 § *G. circumfusus* LF Hemp agrimony mildew
 § *G. cynoglossi* MS Comfrey mildew
 § *G. depressus* KB,R,SB Burdock mildew
 § *G. fischeri* KB Groundsel mildew
 § *G. montagnei* MS,RB Thistle mildew
 § *G. sonchicola* KB,R Sow-thistle mildew
 § *G. sordidus* KB Plantain mildew
 § *G. verbasci* MS Mullein mildew
 † *Helvella elastica* MS a helvel
 § *H. lacunosa* MS Elfin saddle
 † *Heterosphaeria patella* R a cup fungus
 † *Hormotheca robertiani* R parasite on leaves of herb Robert
 § *Hyaloscypha hyalina* SC a cup fungus
 §* *Hydnotrya cubispora* RB a truffle
 §* *H. tulasnei* BW a truffle
 § *Hymenoscyphus albopunctatus* SW a cup fungus
 § *H. fagineus* SW a cup fungus
 † *H. scutula* R a cup fungus
 § *Hypocrea pulvinata* KB,NL,SW Ochre cushion
 § *H. schweinitzii* BW
 § *Hypomyces aurantius* BW,SW parasitic on bracket fungi
 § *H. chrysospermus* LF Bolete mould
 § *Hypoxylon fragiforme* SW Beech woodwart
 § *H. fuscum* SW Hazel woodwart
 § *Kretzschmaria deusta* SW Brittle cinder
 † *Lachnellula occidentalis* R on larch twigs
 †* *L. pseudofarinacea* R on pine bark, first UK record
 § *Lachnum apalum* GM,R Rush disco
 § *L. brevipilosum* LF on dead grass
 † *Laetenaevia marina* EB,R,NB on cast up brown seaweeds
 § *Leotia lubrica* BW,LE,MS,R,RB,SW Jelly babies
 § *Leptosphaeria acuta* MS Nettle rash
 † *Leptotrochila ranunculi* R parasite on buttercup leaves
 † *Lopadostoma turgidum* R on beech branch
 † *Lophodermium juniperinum* R,SB juniper leaf blast
 † *Melanconis stilbostoma* KB on birch bark
 § *Microglossum viride* BW Green earthtongue
 § *Mollisia cinerea* SW Common grey disco
 † *Mycosphaerella clymenia* SB leaf spot of honeysuckle
 † *M. isariophora* R,SB on dying leaves of chickweed
 § *M. podagrariae* MS,NB,R Goutweed leaf spot
 † *M. superflua* R nettle leaf spot
 † *M. vaccinii* KB leaf spot on bilberry
 † *Myriosclerotinia curreyana* NB in dead rush stems
 § *Nectria cinnabarina* BW,LF,MS,R,SW Coral spot
 § *N. coccinea* MS Beech spot
 § *N. fuckeliana* SW a flask fungus
 † *N. sinopica* KB on dead ivy twigs
 § *Nectriopsis exigua* MS parasitic on *Metatrichia*
 § *Neobulgaria pura* MS Jelly disc
 § *Neoerysiphe galeopsidis* GB, MS Labiate mildew
 § *N. galii* GB, R Goose-grass mildew
 § *Otidea alutacea* MS Tan ear
 § *O. onotica* MS Hare's ear
 † *Pezicula rubi* R on dead bramble stems
 † *Peziza badia* MS Bay cup
 § *P. vesiculosa* LF Blister Cup
 † *Phaeangellina empetri* R on dead crowberry leaves
 † *Phyllachora graminis* SB parasite on grass leaves
 † *P. junci* NB parasite on rushes
 § *Phyllactinia fraxini* SW Ash mildew
 § *P. guttata* KB Hazel mildew
 † *Platychora ulmi* R Elm leaf spot
 § *Podosphaera aphanis* SW Wood avens mildew
 † *P. clandestina* NB Hawthorn mildew
 § *P. epilobii* R Willow-herb mildew
 § *P. erigerontis-canadensis* KB,R,SW Dandelion mildew
 § *P. filipendulae* RB Meadowsweet mildew
 § *P. fuliginea* MS Speedwell mildew
 § *P. myrtilina* RB Bilberry mildew
 § *P. phtheirosperma* KB Eyebright mildew
 § *P. plantaginis* KB Ribwort mildew
 § *P. spiraeae* R Spiraea mildew
 † *Propolomyces versicolor* R on dead wood
 † *Protomyces macrosporus* NB,R,SB leaf gall on umbellifers
 † *Pseudopeziza calthae* R parasitic on marsh marigold leaves
 † *P. trifolii* NB,R parasitic on clover leaves
 †* *Pseudophacidium callunae* Black Park Wood on dead heather branches
 § *Rhopoglyphus filicinus* KB,RB,SB Bracken map
 § *Rhytisma acerinum* GB,KB,LF,MS,NB,RB,SB,SW Sycamore tar spot
 § *Sawadaea bicornis* KB,MS,SB,SC,SW Sycamore mildew
 § *Scutellinia cejpai* LF,MS an eyelash fungus
 § *S. scutellata* RB Common eyelash
 § *Tapesia toruloides* RB a cup fungus
 § *Taphrina betulina* BW,LF Birch besom
 § *T. filicina* MS Fern gall
 § *T. populina* SB Poplar leaf blister
 § *T. sadebackii* RB Alder leaf spot

- § *T. tormentillae* NB,R,RB,SB Tormentil gall
- § *T. tosquinetii* LF,R,RB,SB Alder blister
- † *Trochila craterium* R Ivy speckle
- § *T. ilicina* MS,SW Holly speckle
- † *T. laurocerasi* MS laurel spot
- † *Venturia rumicis* NB,R,SB leaf spot on docks
- § *Xylaria carpophila* BW,MS,SW Beechmast candle-snuff
- § *X. hypoxylon* LF,R Candle snuff
- § *X. longipes* LF,SC,SL,SW Dead moll's fingers
- § *X. polymorpha* BC,BW,LF,MS,SC,SL,SW Dead man's fingers

Anamorphic (conidial) fungi

- † *Bispora antennata* KB,MS,R on sawn wood
- † *Cercospora mercurialis* NB,SB parasite on leaves of dog's mercury
- † *Cercosporidium depressum* NB,R on dead herbaceous stems
- † *Coleophoma cylindrospora* MS on dead cherry laurel leaves
- § *Colletotrichum liliacearum* MS Bluebell stripe
- † *C. trichellum* R leaf spot on ivy
- † *Coniothyrium boydeanum* SB on dead twigs of fuchsia
- § *Cristulariella depraedens* BW,LF,MS,RB,SS,SW leaf spot on sycamore
- †* *Fusarium equisetarum* KD on dead stems of horsetail
- † *Isariopsis carnea* R on leaves of yellow vetchling
- † *Leptothyrium alneum* R on alder leaves
- † *L. periclymeni* R on honeysuckle leaves
- † *Melanconium hederæ* KB on ivy twigs
- † *Phleospora aceris* SB on sycamore leaves
- †* *Phyllosticta sambucina* R leaf spot on elder leaves
- †* *P. teucarii* SB leaf spot on wood sage
- †* *P. umbilici* SS on leaves of wall pennywort, 2nd UK record
- § *Pycnostysanus azaleae* BW,MS Rhododendron bud blast
- † *Ramularia calcea* R leaf spot of ground ivy
- † *R. centaureae* NB leaf spot on hardheads
- § *R. circaeae* KB Enchanter's nightshade leaf spot
- † *R. didyma* SB leaf spot on buttercup
- † *R. heraclei* NB,R leaf spot on hogweed
- † *R. lactea* R leaf spot on wood violet
- †* *R. obducens* KD leaf spot on marsh lousewort
- † *R. pratensis* NB,R,SB leaf spot on sorrel
- † *R. rhabdospora* R leaf spot on plantains
- † *R. rubella* NB,R,SB leaf spot on docks
- † *R. sphaeroidea* NB,SB leaf spot on bird's foot trefoil
- † *R. taraxaci* R,SB leaf spot on dandelion
- † *R. valerianae* R leaf spot on valerian
- † *R. variabilis* R leaf spot on foxglove
- † *R. veronicae* R leaf spot of germander speedwell
- †* *Septoria acetosae* KD leaf spot on sorrel, first UK record
- †* *S. hydrocotyles* R,SB leaf spot on marsh pennywort
- † *S. stachydis* NB leaf spot on hedge woundwort

- † *S. tormentillae* NB,R leaf spot on tormentil
- † *S. urticae* SB leaf spot on nettle
- † *Steganosporium pyriforme* KB on sycamore bark
- § *Taeniolina scripta* RB

Urediniomycetes

- § *Chrysomyxa ledi* var. *rhododendri* RB Spruce rust
- § *Coleosporium tussilaginis* AS, KB,NB,R,SB Coltsfoot rust
- § *Melampsora caprearum* GB,KB,LF,NB,SB,SW Sallow rust
- § *M. hypericorum* KB,R St. John's wort rust
- † *M. populnea* MS Poplar rust
- † *Melampsorella caryophyllacearum* R Mouse-ear chickweed rust
- § *Melampsorium betulinum* KB,LF,KG,RB Birch rust
- § *M. hiratsukanum* LF,MS Alder rust
- § *Microbotryum lychnidis-dioicae* LF,MS,SS Campion anther smut
- § *Naohidemyces vaccinii* RB Bilberry rust
- † *Phragmidium mucronatum* SB Rose rust
- § *P. violaceum* BW,KB,LF,MS,NB,SB,SC,SS,SW Violet bramble rust
- § *Puccinia acetosae* RB Sorrel rust
- † *P. annularis* SB Wood sage rust
- § *P. arenariae* GB,LF,KB,MS,R rust on Campion and Pink purslane
- § *P. behenis* KB Campion rust
- † *P. brachypodii* Scalpsie Bay rust on sweet vernal grass
- § *P. calcitrapae* BW,NB,R rust on composites
- † *P. calthae* SB rust on marsh marigold
- § *P. calthicola* KB Marsh marigold rust
- § *P. chaerophylli* MS Sweet cicely rust
- § *P. circaeae* KB,MS,SW Enchanter's nightshade rust
- † *P. cnici-oleracei* NB rust on marsh thistle
- § *P. coronata* KB,LF a grass rust
- † *P. glomerata* R,SB Ragwort rust
- † *P. heraclei* R Cow parsnip rust
- † *P. hordei* NB,R,SB rust on Yorkshire fog
- § *P. iridis* MS Iris rust
- § *P. lagenophorae* MS Groundsel rust
- § *P. luzulae* MS Woodrush rust
- § *P. major* KB Crepis rust
- § *P. menthae* GB,LF,NB,R,SB,SS Mint rust
- †* *P. molinae* KD Purple moor grass rust
- § *P. obscura* LF,MS,R,SB,SW Great hairy woodrush rust
- †* *P. paludosa* KD marsh lousewort rust
- § *P. poarum* KB,NB Coltsfoot rust
- § *P. punctiformis* NB,R,SB,SC Creeping thistle rust
- † *P. urticata* R Nettle rust
- § *P. veronicae* MS Wood speedwell rust
- § *P. violae* BW,SB Violet rust
- § *Pucciniastrum circaeae* SW Enchanter's nightshade rust
- § *P. epilobii* KB Willow herb rust
- § *Sphacelotheca hydropiperidis* GB Water pepper ovary smut

† *Trachyspora intrusa* R Lady's mantle rust
 † *Triphragmium ulmariae* NB,SB Meadowsweet rust
 †* *Uromyces armeriae* NB,R,SB Thrift rust
 †* *U. behenii* SB Sea campion rust
 † *U. geranii* NB Crane's-bill rust
 † *U. polygoni-aviculariae* R Knotgrass rust
 † *U. rumicis* NB,R,SB Sorrel and dock rust
 § *U. valerianae* KB,R,SS Valerian rust
 § *U. viciae-fabae* MS Vetch rust

Ustilaginomycetes

†* *Doassansia alismatis* KD leaf smut of water plantain
 †* *Doassansiopsis hydrophila* KD leaf smut of pondweeds
 †* *Entorhiza aschersoniana* KB root galls of toad rush
 †* *Etyloma achilleae* SC 1907 leaf smut of yarrow; only UK record
 † *E. ficariae* R leaf smut of celandine
 †* *E. matricariae* Dunagoil Bay leaf smut of scentless mayweed
 § *Exobasidium vaccinii* MS Cowberry red leaf
 §* *Tilletia anthoxanthi* RB ovary smut of sweet vernal grass - second UK record
 § *T. holci* RB ovary smut of Yorkshire fog grass
 † *T. sphaerococca* NB,SB ovary smut of bent grass
 §* *T. Cerebrina* RB ovary smut of wavy hair grass - new British record
 † *Urocystis ranunculi* SB leaf smut of creeping buttercup
 † *Ustilago avenae* NB,SB ovary smut of oats
 † *U. striiformis* R leaf smut of soft grass

Basidiomycetes: Agarics and boleti

§ *Agaricus comptulus* SN a mushroom
 § *A. silvaticus* KB Blushing wood mushroom
 § *Amanita citrina* MS False death cap
 § *A. crocea* BW,KB Orange grisette
 § *A. excelsa* LF,SW Grey spotted amanita
 § *A. fulva* BW,MS,RB,SL Tawny grisette
 § *A. muscaria* BW,RB Fly agaric
 § *A. rubescens* BW,MS,RB Blusher
 § *A. rubescens* var. *annulosuplhurea* MS Yellow-ringed blusher
 § *A. submembranacea* MS a grisette
 § *A. vaginata* BC,MS Grisette
 § *Ampulloclitocybe clavipes* MS Club foot
 § *Armillaria mellea* LF,SW Honey fungus
 § *Arrhenia acerosa* RB Moss oysterling
 § *A. retiruga* MS an oysterling
 § *A. spathulata* GM an oysterling
 § *Bolbitius titubans* SS Yellow fieldcap
 § *Boletus badius* GB,MS,SL Bay bolete
 § *B. edulis* BG,MS,RB,SW Penny Bun, Cep
 § *B. luridiformis* MS Scarletina bolete
 § *B. pulverulentus* R Inkstain bolete
 † *Cantharellula umbonata* unlocalised
 § *Chalciporus piperatus* BG,MS,RB Peppery bolete
 § *Chlorophyllum brunneum* R a parasol
 § *Clitocybe costata* MS a funnel

§ *C. gibba* MS Common funnel
 § *C. phyllophila* LF Frosty funnel
 § *Conocybe pubescens* DG,GM a conecap
 § *C. pulchella* MS a conecap
 § *Coprinopsis micaceus* BW,GB,LF,MS,NL,RB,SW Glistening inkcap
 § *Coprinopsis atramentarius* LF Common inkcap
 § *Cortinarius anomalus* GB,MS,RB Variable webcap
 § *C. bolaris* BG,MS,RB,SW Dappled webcap
 § *C. brunneus* var. *brunneus* MS,RB a webcap
 § *C. cinnamomeoluteus* RB a webcap
 § *C. cinnamomeus* MS,QP,RB Cinnamon webcap
 § *C. decipiens* RB Sepia webcap
 § *C. elatior* MS a webcap
 § *C. evernius* RB a webcap
 § *C. flexipes* var. *flexipes* LF,GB,R,RB,SL,SW Pelargonium webcap
 § *C. helvelloides* LF Alder webcap
 § *C. livido-ochraceus* MS Wrinkled webcap
 § *C. mucifluoides* SW a webcap
 § *C. rubellus* MS,RB Deadly webcap
 § *C. semisanguineus* QP Surprise webcap
 § *C. stillatitius* RB Purple-stocking webcap
 § *C. uliginosus* RB a webcap
 § *Crepidotus applanatus* LF,SW Flat oysterling
 § *C. calolepis* LF,KB,NL,SL,SW Scaly oysterling
 § *C. carpaticus* LF an oysterling
 § *C. cesatii* BW,LF,MS,RB an oysterling
 § *C. mollis* BW,NL,SL Peeling oysterling
 § *C. variabilis* SW Variable oysterling
 § *C. versutus* LF an oysterling
 § *Cystoderma amianthinum* GM,MS,R,RB Earthy powderling
 § *Delicatula integrella* MS,RB
 § *Dermoloma cuneifolium* KB,MS Crazed cap
 § *Entoloma caesiocinctum* MS a pinkgill
 § *E. cetratum* MS Honey pinkgill
 § *E. chalybaeum* MS Indigo pinkgill
 § *E. conferendum* BW,MS Star pinkgill
 § *E. corvinum* MS Crow pinkgill
 § *E. juncinum* MS a pinkgill
 § *E. politum* RB a pinkgill
 § *E. rhodopolium* BW,GB,LF,MS,RB,SL Wood pinkgill
 §* *E. rhombisporum* R a pinkgill
 § *E. sericeum* MS Silky pinkgill
 § *E. serrulatum* KB,MS Blue-edge pinkgill
 § *Galerina graminea* LF a moss bell
 § *G. hypnorum* RB Moss bell
 § *G. vittiformis* MS,RB Hairy-leg bell
 § *Gymnopilus penetrans* GB,MS,SL Common rust-gill
 § *Gymnopus androsaceus* MS,RB Horsehair parachute
 § *G. confluens* MS,R Clustered toughshank
 § *G. dryophilus* RB Russet toughshank
 § *G. perforans* MS,RB Stinking parachute
 § *G. peronatus* BW,MS,RB,SW Wood woolly-foot
 § *Hebeloma crustuliniforme* MS Poisonpie
 § *H. leucosarx* MS a poisonpie

- § *H. mesophaeum* BC,MS Veiled poisonpie
 § *H. pusillum* LF a poisonpie
 § *H. sacchariolens* MS Sweet poisonpie
 § *Hemimycena lactea* RB Milky bonnet
 § *H. tortuosa* GB,LF,NL,RB,SL Dewdrop bonnet
 † *Hohenbuehelia atrocaerulea* unlocalised
 § *Hygrocybe calyptiformis* SC Pink waxcap
 §* *H. canescens* GM a waxcap
 § *H. ceracea* KB Butter waxcap
 § *H. chlorophana* MS,R Golden waxcap
 § *H. coccinea* DG,MS Scarlet waxcap
 § *H. conica* BG,GM,KB,MS,RB,SS Blackening waxcap
 § *H. flavipes* MS,R Yellow-foot waxcap
 § *H. glutinipes* BA,KB,MS,R,SS Glutinous waxcap
 § *H. helobia* KB,MS a waxcap
 § *H. laeta* GM,RB Heath waxcap
 § *H. miniata* LE,MS Vermilion waxcap
 § *H. pratensis* var. *pratensis* KB,MS,R Meadow waxcap
 § *H. pratensis* var. *pallida* MS Pale waxcap
 § *H. psittacina* DG,GM,KB,MS,R,RB,SN,SS,SW Parrot waxcap
 § *H. quieta* KB Oily waxcap
 § *H. reidii* KB,MS,R,SN Honey waxcap
 § *H. russocoriacea* KB Cedarwood waxcap
 § *H. virginea* GM,KB Snowy waxcap
 § *Hypholoma fasciculare* var. *fasciculare* LF,SW Sulphur tuft
 §* *H. fasciculare* var. *pusillum* BW,GB,MS,SL,SW Dwarf sulphur tuft
 § *H. myosotis* RB Olive brownie
 § *Inocybe assimilata* BW,MS,RB a fibre-cap
 § *I. asterophora* RB Star fibre-cap
 § *I. calamistrata* BW,SW Greenfoot fibre-cap
 § *I. flavella* BW a fibre-cap
 § *I. geophylla* MS,R White fibre-cap
 § *I. grammata* RB a fibre-cap
 § *I. lanuginosa* RB,SL Woolly fibre-cap
 § *I. mixtilis* MS a fibre-cap
 § *I. napipes* GB,LF,MS,QP,SL Bulbous fibre-cap
 §* *I. ochroalba* MS a fibre-cap
 § *I. rimosa* GB,MS,R,SL Split fibre-cap
 § *I. sindonia* MS,R a fibre-cap
 § *I. subcarpta* RB a fibre-cap
 § *Laccaria amethystina* BW,MS,NL,SL Amethyst deceiver
 §* *L. fraterna* MS a deceiver
 § *L. laccata* KB,LF,MS,NL,RB,SL Deceiver
 § *Lacrymaria lacrymabunda* MS Weeping widow
 § *Lactarius aspideus* RB a milkcap
 § *L. aurantiacus* RB Orange milkcap
 § *L. blennius* MS,R Beech milkcap
 § *L. camphoratus* GB,LF,MS,NL,RB,SL Curry milkcap
 § *L. deliciosus* MS Saffron milkcap
 § *L. deterrimus* MS,RB False saffron milkcap
 § *L. fluens* R a milkcap
 § *L. glyciosmus* RB Coconut mikcap
 § *L. helvus* RB Fenugreek milkcap
 § *L. hysginus* RB a milkcap
 § *L. obscuratus* LF Alder milkcap
 § *L. piperatus* RB Peppery milkcap
 § *L. pubescens* MS Bearded milkcap
 § *L. pyrogalus* RB Fiery milkcap
 § *L. quietus* MS,SL,SW Oakbug milkcap
 §* *L. repraesentaneus* RB Yellow-bearded milkcap
 § *L. rufus* QP,RB Rufous milkcap
 § *L. semisanguifluus* MS a milkcap
 § *L. subdulcis* R Mild milkcap
 §* *L. subumbonatus* NL a milkcap
 § *L. tabidus* GB,LF,MS,NL,RB,SL Birch milkcap
 § *L. turpis* GB,RB Ugly milkcap
 § *L. vellereus* GB,MS,NL,RB Fleecy milkcap
 § *L. vietus* MS,NL,RB Grey milkcap
 § *Leccinum cyanobasileucum* MS a birch bolete
 § *L. holopus* MS Ghost bolete
 § *L. scabrum* GB,MS,RB,SL Brown birch bolete
 § *L. versipelle* RB Orange birch bolete
 § *Lepista flaccida* RB Tawny funnel
 § *Lichenomphalia umbellifera* MS,RB Heath navel
 § *Marasmius oreades* SS Fairy-ring champignon
 § *M. rotula* BW,LF,MS,RB,SW Collared parachute
 § *M. setosus* BW,MS a parachute
 § *M. wynnei* MS Pearly parachute
 § *Megacollybia platyphylla* RB White-laced shank
 § *Melanoleuca cinereifolia* SS Dune cavalier
 § *M. polioleuca* MS Common cavalier
 § *Mycena abramsii* LF,RB Early bonnet
 § *M. acicula* LF,SW Orange bonnet
 § *M. adscendens* BW,GB,KB,LF,MS,SW Frosty bonnet
 § *M. aetites* MS Drab bonnet
 § *M. arcangeliana* SL,SW Angel's bonnet
 § *M. bulbosa* GM a bonnet
 § *M. capillaripes* QP Pink-edge bonnet
 § *M. capillaris* BW,MS Beech-leaf bonnet
 § *M. corynephora* BW,RB a bonnet
 § *M. filopes* BW,LF,MS,RB Iodine bonnet
 § *M. galericulata* LF,MS,RB,SL,SW Common bonnet
 § *M. galopus* BW,GB,MS,RB Milking bonnet
 § *M. haematopus* GB,LF Burgundy-drop bonnet
 § *M. inclinata* LF Clustered bonnet
 § *M. leptocephala* LF,MS,RB Nitrous bonnet
 § *M. metata* MS,RB a bonnet
 § *M. pura* KB,MS Lilac bonnet
 § *M. rorida* MS Dripping bonnet
 § *M. rosea* MS Rosy bonnet
 § *M. rubromarginata* LF,NL Red-edge bonnet
 § *M. sanguinolenta* LF,MS,RB Bleeding bonnet
 § *M. speirea* KB,MS,SW Bark bonnet
 § *M. stylobates* BW,LF,MS,SW Bulbous bonnet
 § *M. vitilis* BW,MS,NL,RB,SW Snapping bonnet
 § *M. vulgaris* RB a bonnet
 § *Naucoria escharioides* LF,NL Ochre aldercap
 § *N. scolecina* LF an aldercap
 †* *Omphalina demissa* unlocalised
 § *Oudemansiella mucida* BW,MS,SW Porcelain fungus
 § *Panaeolina foenisecii* R,SN Brown mottlegill
 § *Panaeolus acuminatus* KB Dewdrop mottlegill

- § *P. papilionaceus* SS Petticoat mottlegill
 § *P. semiovatus* KB Egghead mottlegill
 § *Parasola plicatilis* MS,R Pleated inkcap
 § *Paxillus involutus* BW,LF,MS,R,RB,SL,SS,SW
 Brown rollrim
 § *P. rubicundulus* LF Alder rollrim
 § *Pholiota alnicola* LF Alder scalycap
 § *P. gummosa* SS Sticky scalycap
 § *Phylloporus pelletieri* MS a bolete
 § *Pleurotus cornucopiae* MS Branching oyster
 § *P. dryinus* BW Veiled oyster
 § *P. ostreatus* BW,R,SL Oyster mushroom
 § *Pluteus cervinus* GB,LF,MS,SW Deer shield
 § *P. romelii* BC Gold-leaf shield
 § *Psathyrella artemisiae* LF,MS,RB,SW Petticoat
 brittlestem
 § *P. candolleana* BC,LF,MS Pale brittlestem
 § *P. corrugis* BW,MS,RB,SW Red-edge brittlestem
 § *P. laevis* MS,RB a brittlestem
 § *P. piluliformis* BW,MS,RB,SL Common stump
 brittlestem
 § *Psilocybe semilanceata* SW Liberty cap
 § *P. subcoprophila* GM
 § *Rickenella fibula* BW,GB,MS,R,RB,SS Orange
 mosscap
 § *R. swartzii* MS, RB Collared mosscap
 § *Russula adusta* BC Wine-cork brittlegill
 § *R. aeruginea* MS Green brittlegill
 § *R. amoenolens* MS,R a brittlegill
 § *R. aquosa* MS,RB a brittlegill
 § *R. atropurpurea* BC,BW,LF,MS,RB,SW Purple
 brittlegill
 § *R. betularum* MS,R,RB,SL Birch brittlegill
 § *R. caerulea* MS Humpback brittlegill
 § *R. chloroides* MS Blue-band brittlegill
 § *R. cicatricosa* MS a brittlegill
 § *R. claroflava* MS,SL Yellow swamp brittlegill
 § *R. cyanoxantha* BW,MS,R Charcoal burner
 § *R. densifolia* GB,MS Crowded brittlegill
 § *R. emetica* RB Sickener
 § *R. fellea* BW,LE,MS,R Geranium brittlegill
 § *R. foetens* MS Stinking brittlegill
 § *R. fragilis* BC,MS Fragile brittlegill
 § *R. grata* MS,R Almond brittlegill
 § *R. graveolens* GB,MS a brittlegill
 § *R. luteotacta* MS a brittlegill
 § *R. nigricans* MS,RB Blackening brittlegill
 § *R. nitida* GB Purple swamp brittlegill
 § *R. nobilis* MS,R Beechwood sickener
 § *R. ochroleuca* BC,BW,GB,LF,MS,RB,SL,SW
 Ochre brittlegill
 § *R. parazurea* MS Powdery brittlegill
 § *R. pelargonica* MS a brittlegill
 § *R. puellaris* MS Yellowing brittlegill
 § *R. risigallina* SL Golden brittlegill
 §* *R. robertii* SL a brittlegill
 § *R. sardonica* MS Primrose brittlegill
 § *R. silvestris* GB,MS,RB,SL a brittlegill
 § *R. vesca* MS Bared-teeth brittlegill
 § *R. xerampelina* MS Crab brittlegill
 § *Sarcomyxa serotina* LF Olive oysterling
 § *Stropharia caerulea* RB Blue roundhead
 § *S. semiglobata* KB,LF,SN Dung roundhead
 § *Suillus grevillei* MS Larch bolete
 § *S. luteus* MS Slippery jack
 § *S. variegatus* BW,MS Velvet bolete
 § *Tricholoma columbetta* MS Blue-spot knight
 § *T. saponaceum* var. *saponaceum* MS Soapy
 knight
 § *T. saponaceum* var. *squamosum* MS Scaly
 soapy knight
 § *T. sciodes* BW,LE,MS,SW a knight
 § *T. virgatum* MS Ashen knight
 § *Tricholomopsis rutilans* BA,MS,RB Plums and
 custard
 § *Tubaria conspersa* BW,MS,SW Felted twiglet
 § *T. furfuracea* LF,MS,RB Scurfy twiglet
 § *Tyloporus felleus* MS Bitter bolete
 § *Volvariella gloiocephala* SN,SS Stubble rosegill
 § *Xerocomellus chrysenteron* MS Red-cracking
 bolete
 § *X. cisalpinus* LF a bolete
 § *Xerocomus ferrugineus* LF a bolete
 § *X. pruinatus* MS,SW Matt bolete
 § *X. subtomentosus* MS Suede bolete
- Other basidiomycetes**
 §* *Aleurodiscus wakefieldiae* LF,MS Third and
 fourth Scottish records
 §* *Asterostroma laxum* RB Second Scottish record
 § *Auricularia auricula-judae* LF,MS,SW Jelly ear
 § *Auriscalpium vulgare* MS Earpick fungus
 § *Bjerkandera adusta* BW,LF,MS Smoky bracket
 § *Botryobasidium aureum* MS on rotten wood
 § *B. danicum* BW,MS on rotten wood
 § *B. subcoronatum* SW on rotten wood
 § *Bovista nigrescens* SW Brown puffball
 § *B. plumbea* SN Grey puffball
 § *Brevicellium olivascens* LF on rotten wood
 † *Bulbillomyces farinosus* R on wood in wet ground
 § *Calocera cornea* LF, RB Small stagshorn
 § *C. pallidospathulata* MS,SW Pale stagshorn
 § *C. viscosa* BC,MS,SW Yellow stagshorn
 § *Calvatia gigantea* KG Giant puffball
 § *Cantharellus cibarius* BW,LE,MS,RB Chanterelle
 § *Craterellus tubaeformis* GB,MS,NL,RB,SL Trum-
 pet chanterelle
 † *C. undulatus* LF Sinuous chanterelle
 § *Ceriporia reticulata* SW a bracket fungus
 § *Chondrostereum purpureum* MS Silverleaf fungus
 § *Clavaria acuta* BW Pointed club
 § *C. fragilis* SS White spindles
 § *C. fumosa* BW Smoky spindles
 § *Clavulina cinerea* MS Grey coral
 § *C. coralloides* BW,MS,RB,SL Crested coral
 § *C. rugosa* AS,MS,RB Wrinkled club
 § *Clavulinopsis helvola* MS,RB Yellow club
 § *C. laeticolor* MS Handsome club
 § *C. luteoalba* KB Apricot club
 § *Cylindrobasidium laeve* LF on fallen branch
 § *Dacrymyces stillatus* MS Common jellyspot
 § *Datronia mollis* BW,SL Common mazingill

§ *Exidia glandulosa* SL Witches' butter
 § *E. nucleata* LF,MS,SW Crystal brain
 § *E. thuretiana* MS,SW White brain
 § *Exidiopsis calcea* KB,MS a jelly fungus
 § *Fistulina hepatica* LF, RB Beefsteak fungus
 § *Fomes fomentarius* BW, RB, SW Tinder bracket
 § *Fuscoporia ferrea* GB, LF Cinnamon porecrust
 § *Ganoderma australe* BW, LF, MS, SW Southern bracket
 § *Gloeocystidiellum porosum* KB a bracket fungus
 § *Gloeophyllum sepiarium* MS Conifer mazegill
 § *Heterobasidion annosum* BW, MS, QP Root rot
 § *Hydnum repandum* BW, MS Wood hedgehog
 § *H. rufescens* RB Terracotta hedgehog
 § *Hymenochaete corrugata* LF, MS, RB Glue crust
 § *H. rubiginosum* LF, QP Oak curtain crust
 § *Hyphodontia alutaria* SC a whitewash fungus
 § *H. pallidula* SW a whitewash fungus
 § *H. sambuci* BW Elder whitewash
 § *Hypochnicium bombycinum* MS a whitewash fungus
 § *H. erikssonii* SW a whitewash fungus
 § *H. puncticulatum* RB a whitewash fungus
 § *Laetiporus sulphureus* LF, MS, RB, SC, SW Chicken of the woods
 § *Lycoperdon echinatum* MS Spiny puffball
 § *L. nigrescens* MS Dusky puffball
 § *L. perlatum* MS, RB Common puffball
 § *L. pratense* KB, SC Meadow puffball
 § *L. pyriforme* LF Stump puffball
 § *Mensularia radiata* LF Alder bracket
 § *Oxyporus populina* MS Poplar bracket
 § *Peniophorella praetermissa* LF, SW a crust fungus
 § *P. pubera* SW a crust fungus
 § *Phaeolus schweinitzii* MS Dyer's mazegill
 § *Phallus impudicus* LF, MS Stinkhorn
 § *Phlebia radiata* LF Wrinkled crust
 § *P. rufa* BW Rufous crust
 § *Phlebiella filicina* RB on bracken stems
 § *Physisporinus sanguinolentus* BW, LF, SW Bleeding porecrust
 § *Piptoporus betulinus* BW, KB, MS, NL, RB, SL, SW Birch polypore
 § *Polyporus durus* BW, LF, RB Bay polypore
 § *P. leptocephalus* BW, RB Blackfoot polypore
 § *P. squamosus* LF, MS Dryad's saddle
 § *P. tuberaster* BW Tuberous polypore
 § *Postia caesia* BW, MS, RB Conifer blueing bracket
 § *P. subcaesia* MS, RB Blueing bracket
 § *Schizopora paradoxa* BW, GB, KB, LF, MS, SW Split porecrust
 § *Scleroderma areolatum* MS Leopard earthball
 § *S. bovista* SW Potato earthball
 § *S. citrinum* GB, LE, MS, R, RB, SL, SW Common earthball
 § *S. verrucosum* BW Scaly earthball
 § *Scopuloides rimosa* LF, MS, SW a crust fungus
 † *Sebacina incrustans* unlocalised Enveloping crust
 § *Skeletocutis nivea* BW, RB, SW Hazel bracket
 § *S. vulgaris* MS a bracket fungus
 † *Sphaerobolus stellatus* R Shooting star

§ *Stereum gausapatum* BW, SW Bleeding oak crust
 § *S. hirsutum* KB, LF, MS, RB, SL, SW Hairy curtain crust
 § *S. rugosum* BW, GB, LF, MS, RB, SW Bleeding broadleaf crust
 § *Tomentella ellisii* GB a crust fungus
 § *T. sublilacina* BW, GB, RB a crust fungus
 § *Trametes gibbosa* MS Lumpy bracket
 § *T. versicolor* BW, KB, LF, MS, RB, SW Turkey tail
 §* *Trechispora microspora* MS a bracket fungus
 §* *T. nivea* LF ? first Scottish record
 § *Tremella foliacea* LF, MS Leafy brain
 § *T. mesenterica* LF, MS, RB Yellow brain
 § *Trichaptum abietinum* MS Purple-pore bracket
 § *Typhula quisquiliaris* RB Bracken club
 § *Vuilleminia comedens* MS Waxy crust

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References

- Boyd, D.A. 1901. *Fungi (Microscopic) in Flora, Flora and geology of the Clyde Area*, 61-63. Glasgow, British Association.
 Boyd, D.A. 1909. Some recent additions to the fungus flora of the Clyde Area. *Glasgow Naturalist* 1, 110-118.
 Boyd, D.A. 1913. A contribution towards a list of Buteshire microfungi. *Transactions of the Buteshire Natural History Society* 6, 78-89.
 Boyd, D.A. 1915. Notes on the microfungi of the Kyles of Bute District. *Glasgow Naturalist* 8, 1-8.
 Boyd, D.A. 1916. Additions to the list of Buteshire microfungi. *Transactions of the Buteshire Natural History Society* 7, 62-65.
 Ing, B. 1968. Myxomycetes from Scottish islands. *Transactions of the Botanical Society of Edinburgh* 40, 395-415.
 Paterson, A.H. 1876. Fungi in *Notes on the Fauna and Flora of the West of Scotland*, 109-143. Glasgow, British Association.