



Species list (winter 2016/17 – (24 species ectomycorrhizae)

Amanita fulva, Tawny Grisette – A beautiful mushroom and a good edible (must be cooked): commonly occurs with beech, oak, sweet chestnut, birch and pine.

Amanita rubescens, The Blusher – A very common mushroom, and an excellent edible (though it must be cooked), happy with a wide range of deciduous and coniferous trees.

Boletus edulis, Penny bun, – Also known as the Cep or Porcini, this is perhaps the best eating of all the wild fungi. Occurs with a very wide range of trees both deciduous and coniferous.

Boletus luridiformis, Scarletina Bolete – An excellent edible, like the Penny bun (*Boletus edulis*) except with startling blue and red colouration, likes beech, oak and pine.

Cantharellus cibarius, Chanterelle – Needs no introduction, one of the very best edible mushrooms and found principally with oak, beech and pine.

Cortinarius caperatus, The Gypsy – A large and delicious edible mushroom, common in the Scottish highlands and Scandinavia, associating with many trees.

Craterellus cornucopioides, Horn of plenty – One of the best edible mushrooms, excellent for drying and associates with many trees, especially beech.

Craterellus tubaeformis, Winter or Trumpet Chanterelle – A very good edible, excellent for drying, fruits in the autumn and early winter, surviving early frosts. At least partially saprotrophic – helps decompose dead wood and stumps. Happy with many trees both deciduous and coniferous.

Hydnum repandum, Hedgehog Mushroom – one of the best edible mushrooms, grows with a wide range of deciduous and coniferous trees.

Hydnum rufescens, Hedgehog Mushroom – as above, but with a distinctive reddish colour to the cap. Excellent eating.

Lactarius deterrimus, False Saffron Milk-cap – grows with spruce, pine, and bearberry (*Arctostaphylos uva-ursi*), a decent edible like the better known Saffron Milk-cap.

Laccaria amethystina, Amethyst Deceiver – A very common and gregarious mushroom, happy with almost any tree, and decent to eat.

Laccaria bicolor, Bicoloured Deceiver – Similar in form to the Amethyst Deceiver above, but tan coloured with a bicoloured stem.

Laccaria laccata, The Deceiver – As above, but purely flesh/buff coloured.

Leccinum scabrum, Brown Birch Bolete – A common mycorrhizal mushroom associated with birches. Good dried.

Leccinum versipelle, Orange Birch Bolete – Another excellent edible mushroom which associates with birches.

Lycoperdon perlatum, Common puffball – A saprobe that is sometimes also cited as mycorrhizal. something its habit strongly suggests to me. An extremely common mushroom, thought to form mycorrhizal associations with *Pinus*, *Cedrus* and *Picea* species.

Morchella spp., Black morel - One of the very best edible mushrooms, particularly when dried. Appears in the spring. Associates, unusually, with species which are largely or exclusively endomycorrhizal, including *Malus*, *Ulmus* and *Fraxinus* spp., as well as growing on its own as a saprobe. *Morchella* species have also been known to associate with non-woody plants such as sunflowers and orchids.

Russula atropurpurea, Blackish Purple Russula – a common species associating especially with oak and pine

Russula cyanoxantha, The Charcoal Burner – A good edible Russula, happy with most broadleaved trees, easily distinguished from other Russulas by its flexible (rather than brittle) gills.

Russula ochroleuca, Common Yellow Russula – happy with a wide range of trees, a good firm-fleshed mushroom.

Suillus bovinus, Bovine bolete – a much studied mycorrhiza found in association with pines. Best dried.

Suillus luteus, Slippery Jack – found in association with pines, a good edible (the cap skin should be peeled).

Suillus variegatus, Velvet bolete – grows in association with pines, a good edible.

(Also includes a mixture of native endomycorrhizal species, including *Rhizophagus intraradices* and *Glomus mossae*. These will benefit some tree and most non-tree species apart from brassicas and ericaceous plants, but do not form edible mushrooms.)