

Table 16.6 Relative abundance of ectomycorrhizal morphotypes, expressed as the percentage of roots colonised, in root samples collected from four beech (*Fagus sylvatica* L.) forests. (Gribskov – N. Sealand, Denmark; Schacht – Fichtelgebirge, Germany; Aubure - Vosges Mountains, NE France; Collelongo - Appenines, Italy)

Morphotype (Total number = 39)	Gribskov (14)	Schacht (22)	Aubure (11)	Collelongo (19)
<i>Amanita</i> sp.	0.2	-	-	-
<i>Boletus</i> sp.	13.2	4.3	21.3	0.1
<i>Byssocorticium atrovirens</i>	-	-	-	0.3
<i>Cenococcum geophilum</i>	1.1	4.1	1.0	0.8
<i>Cortinarius</i> sp.	4.7	5.3	2.6	0.3
<i>Dermocybe</i> sp.	5.7	8.6	-	-
<i>Elaphomyces muricatus</i>	3.3	2.2	1.7	-
<i>Fagrhiza</i> (cf) <i>fusca</i>	-	4.9	-	11.5
<i>F. arachnoidea</i>	-	-	-	7.8
<i>F. oleifera</i>	-	8.8	1.4	2.2
<i>Genea</i> sp.	0.6	0.4	-	9.1
<i>Hebeloma</i> sp.	-	-	1.7	-
<i>Laccaria amethystina</i>	3.9	6.7	2.1	-
<i>Lactarius</i> (cf) <i>pallidus</i>	-	1.2	-	1.7
<i>L. rubrocinctus</i>	-	5.1	-	-
<i>L. subdulcis</i>	6.8	13.0	17.3	-
<i>Lactarius</i> sp. 1	1.9	-	-	-
<i>Lactarius</i> sp. 2	-	9.7	-	-
<i>Lactarius</i> sp. 3	-	0.7	-	-
<i>Lactarius</i> sp. 4	-	-	-	4.9
<i>Piceirhiza bicolorata</i>	0.7	0.2	0.9	7.4
<i>Russula fellea</i>	-	6.2	-	-
<i>R. ochroleuca</i>	30.3	12.2	43.9	-
<i>Russula</i> sp. 1	25.7	-	-	-
<i>Russula</i> sp. 2	-	1.2	-	-
<i>Russula</i> sp. 3	-	-	-	9.2
<i>Russula</i> sp. 4	-	-	-	1.0
<i>Russula</i> sp. 5	-	-	-	0.2
<i>Tomentella</i> sp.	-	-	-	10.8
<i>Tuber</i> sp.	-	1.6	-	-
Unknown no. 1	1.1	-	-	-
Unknown no. 2	-	2.1	-	-
Unknown no. 3	-	0.8	-	-
Unknown no. 4	-	0.6	-	-
Unknown no. 5	-	-	5.7	-
Unknown no. 6	-	-	-	28.2
Unknown no. 7	-	-	-	2.9
Unknown no. 8	-	-	-	1.1
Unknown no. 9	-	-	-	0.3
Non-mycorrhizal	0.8	-	0.1	0.2