

Macrofungi on fallen oak trunks in the Białowieża Virgin Forest – ecological role of trunk parameters and surrounding vegetation

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Electronic supplements

Abbreviations

AIC: Akaike Information Criterion values; **BW1–BW32**: codes of studied oak trunks; **CCA**: canonical correspondence analysis; **CoCA**: co-correspondence analysis; **DBH**: diameter at breast height; **DCA**: detrended correspondence analysis; **coll.**: collection; **DD**: Daniel Dvořák; **det.**: identified by; **E**: east; **E₂**: canopy of shrubs and young trees up to a height of 5 m; **E₃**: canopy of mature trees; **E₃₂**: total E₂ and E₃ canopy; **FA**: folded aspect of fallen trunk azimuth; **Fspec**: number of fungal species on particular trunk studied; **GAM**: generalised additive model; **GLM**: generalised linear model; **herb.**: herbarium; **HL**: heat load (folded SW aspect of open gap); **JB**: Jan Běťák; **JH**: Jan Holec; **leg.**: collected by; **MK**: Martin Kříž; **N**: north; **PCA**: principle component analysis; **S**: south; **W**: west; **I, II, III, IV** (Latin numerals): particular decay stages of studied trunks.

A. Position of oak trunks (*Quercus robur*) and basic data on their study. For detailed trunk parameters, see Electronic supplement B.

| Trunk code | Coord. N | Coord. E | Białowieża forest section | Date of study | Studied by |
|------------|------------|------------|---------------------------|---------------|------------|
| BW1 | 52°43.345' | 23°49.850' | 398B | 12.9.2016 | DD, JB |
| BW2 | 52°43.238' | 23°49.667' | 398B | 12.9.2016 | DD, JB |
| BW3 | 52°43.238' | 23°49.691' | 398B | 12.9.2016 | DD, JH |
| BW4 | 52°43.165' | 23°49.743' | 398B | 12.9.2016 | DD, JB |
| BW5 | 52°43.406' | 23°54.396' | 373D | 13.9.2016 | DD, JB |
| BW6 | 52°43.475' | 23°54.336' | 373D | 13.9.2016 | DD, JB |
| BW7 | 52°43.399' | 23°54.259' | 373D | 13.9.2016 | DD |
| BW8 | 52°43.387' | 23°54.196' | 373D | 13.9.2016 | DD, JB |
| BW9 | 52°43.375' | 23°54.412' | 374C | 13.9.2016 | JH |
| BW10 | 52°43.326' | 23°54.296' | 402B | 13.9.2016 | JH, MK |
| BW11 | 52°43.317' | 23°54.183' | 402B | 13.9.2016 | JH, MK |
| BW12 | 52°43.279' | 23°54.169' | 402B | 13.9.2016 | JH, MK |
| BW13 | 52°43.365' | 23°54.069' | 402B | 13.9.2016 | JH, MK |
| BW14 | 52°46.445' | 23°51.546' | 224D | 14.9.2016 | JH, MK |
| BW15 | 52°46.351' | 23°51.531' | 224D | 14.9.2016 | JH, MK |
| BW16 | 52°46.324' | 23°51.383' | 224D | 14.9.2016 | JH, MK |
| BW17 | 52°46.472' | 23°51.574' | 225C | 14.9.2016 | DD |
| BW18 | 52°46.426' | 23°51.586' | 225C | 14.9.2016 | JB |
| BW19 | 52°46.509' | 23°51.564' | 225C | 14.9.2016 | DD, JB |
| BW20 | 52°44.757' | 23°53.736' | 318C | 15.9.2016 | JB |
| BW21 | 52°44.784' | 23°53.633' | 318C | 15.9.2016 | DD |
| BW22 | 52°44.841' | 23°53.667' | 318C | 15.9.2016 | DD, JB |
| BW23 | 52°44.556' | 23°54.307' | 318D | 15.9.2016 | JH, MK |
| BW24 | 52°44.554' | 23°54.271' | 318D | 15.9.2016 | JH, MK |
| BW25 | 52°44.533' | 23°54.441' | 319C | 15.9.2016 | JH |
| BW26 | 52°44.452' | 23°54.557' | 345A | 15.9.2016 | MK |
| BW27 | 52°44.316' | 23°54.445' | 345A | 15.9.2016 | DD, JB |
| BW28 | 52°43.827' | 23°54.447' | 374A | 15.9.2016 | JH |
| BW29 | 52°43.564' | 23°52.688' | 372C | 16.9.2016 | JB |
| BW30 | 52°43.579' | 23°52.716' | 372C | 16.9.2016 | MK |
| BW31 | 52°43.774' | 23°52.667' | 372C | 16.9.2016 | DD |
| BW32 | 52°43.674' | 23°52.966' | 372C | 16.9.2016 | JH |

B. Parameters of studied oak trunks (*Quercus robur*).

| Trunk code | Length (m) | DBH* (cm) | Parts (1: trunk, 2: trunk + stump) | Stump height (cm) | Orientation from base to top (in azimuth degrees) | Decay stage | Contact with the soil (%) | Bark cover (%) | Mosses cover (%) | Tree layer (E ₃) cover (%) | Shrub layer (E ₂) cover (%) | Total tree + shrub cover (E ₃ + E ₂) (%) |
|------------|------------|-----------|------------------------------------|-------------------|---|-------------|---------------------------|----------------|------------------|--|---|---|
| BW1 | 31 | 75 | 1 | 0 | 148 | 2 | 70 | 2-3 | 35 | 85 | 5 | 90 |
| BW2 | 32 | 105 | 1 | 0 | 130 | 2 | 15 | 40 | 50 | 50 | 10 | 60 |
| BW3 | 27 | 82 | 1 | 0 | 204 | 2 | 10 | 2 | 25 | 70 | 0 | 70 |
| BW4 | 28 | 110 | 1 | 0 | 324 | 3 | 95 | 2 | 70 | 55 | 25 | 80 |
| BW5 | 27 | 65 | 1 | 0 | 30 | 2 | 70 | 5 | 70 | 45 | 10 | 55 |
| BW6 | 24 | 90 | 1 | 0 | 358 | 2 | 100 | 1 | 40 | 65 | 5 | 70 |
| BW7 | 8 | 60 | 1 | 0 | 238 | 4 | 100 | 0 | 70 | 70 | 10 | 80 |
| BW8 | 21 | 105 | 2 | 700 | 356 | 2 | 55 | 15 | 60 | 55 | 35 | 90 |
| BW9 | 16 | 70 | 1 | 0 | 290 | 4 | 100 | 0 | 75 | 65 | 10 | 75 |
| BW10 | 22.5 | 60 | 1 | 0 | 118 | 1 | 60 | 55 | 5 | 45 | 5 | 50 |
| BW11 | 19 | 70 | 1 | 0 | 42 | 2 | 100 | 5 | 60 | 85 | 15 | 100 |
| BW12 | 26 | 85 | 1 | 0 | 226 | 3 | 70 | 10 | 40 | 40 | 15 | 55 |
| BW13 | 23 | 85 | 1 | 0 | 144 | 3 | 90 | 2 | 20 | 85 | 10 | 95 |
| BW14 | 21 | 65 | 1 | 0 | 58 | 2 | 70 | 1 | 35 | 65 | 15 | 80 |
| BW15 | 30 | 110 | 1 | 0 | 166 | 3 | 100 | 0 | 40 | 55 | 20 | 75 |
| BW16 | 18 | 100 | 1 | 0 | 154 | 3 | 50 | 15 | 45 | 70 | 5 | 75 |
| BW17 | 26.5 | 85 | 1 | 0 | 168 | 3 | 95 | 0 | 65 | 85 | 5 | 90 |
| BW18 | 31 | 95 | 1 | 0 | 140 | 2 | 80 | 2 | 45 | 90 | 5 | 95 |
| BW19 | 27 | 70 | 1 | 0 | 278 | 2 | 100 | 0 | 70 | 85 | 5 | 90 |
| BW20 | 32.5 | 100 | 2 | 400 | 68 | 3 | 85 | 20 | 65 | 70 | 5 | 75 |
| BW21 | 19.5 | 130 | 1 | 0 | 124 | 4 | 100 | 0 | 20 | 45 | 15 | 60 |
| BW22 | 34 | 95 | 1 | 0 | 136 | 1 | 75 | 65 | 40 | 50 | 5 | 55 |
| BW23 | 30 | 120 | 1 | 0 | 332 | 2 | 100 | 30 | 10 | 60 | 5 | 65 |
| BW24 | 32 | 110 | 2 | 500 | 174 | 2 | 15 | 55 | 40 | 30 | 5 | 35 |
| BW25 | 28 | 90 | 1 | 0 | 142 | 3 | 95 | 0 | 60 | 55 | 10 | 65 |
| BW26 | 27 | 95 | 1 | 0 | 202 | 3 | 100 | 0 | 15 | 75 | 5 | 80 |
| BW27 | 24 | 105 | 1 | 0 | 138 | 3 | 100 | 0 | 70 | 60 | 25 | 85 |
| BW28 | 31 | 120 | 1 | 0 | 350 | 4 | 95 | 5 | 55 | 85 | 10 | 95 |
| BW29 | 27 | 85 | 1 | 0 | 20 | 2 | 70 | 0 | 45 | 60 | 20 | 80 |
| BW30 | 30.5 | 120 | 2 | 600 | 12 | 4 | 75 | 25 | 70 | 40 | 25 | 65 |
| BW31 | 27 | 110 | 1 | 0 | 124 | 2 | 100 | 5 | 40 | 70 | 15 | 85 |
| BW32 | 20.5 | 70 | 1 | 0 | 72 | 2 | 30 | 0 | 35 | 50 | 10 | 60 |

* DBH: diameter at breast height (130 cm from base)

C. Total number of fungal species on the studied oak trunks and its relation to decay stage of the trunks.

| Total number of species on trunk | Trunk code (BW) | Decay stage |
|---|----------------------------|--------------------|
| 38 | 5 | 2 |
| 32 | 6 | 2 |
| 31 | 2 | 2 |
| 31 | 16 | 3 |
| 31 | 20 | 3 |
| 30 | 8 | 2 |
| 26 | 21 | 4 |
| 23 | 4 | 3 |
| 23 | 18 | 2 |
| 22 | 27 | 3 |
| 22 | 30 | 4 |
| 21 | 15 | 3 |
| 21 | 23 | 2 |
| 20 | 24 | 2 |
| 20 | 28 | 4 |
| 20 | 31 | 2 |
| 19 | 29 | 2 |
| 19 | 19 | 2 |
| 18 | 14 | 2 |
| 18 | 22 | 1 |
| 17 | 3 | 2 |
| 17 | 11 | 2 |
| 15 | 1 | 2 |
| 14 | 17 | 3 |
| 13 | 10 | 1 |
| 12 | 13 | 3 |
| 11 | 26 | 3 |
| 11 | 32 | 2 |
| 9 | 25 | 3 |
| 8 | 9 | 4 |
| 7 | 12 | 3 |
| 4 | 7 | 4 |

D. Fungal diversity on 32 fallen trunks of oak (*Quercus robur*).

| species/ <i>Quercus robur</i> trunk number | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | Σ | | |
|--|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|---|
| <i>Amanita fulva</i> Pers. | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| <i>Amphinema byssoides</i> (Pers.) J. Erikss. | | 1 | 1 | | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | 5 | |
| <i>Amylocorticiellum subillaqueatum</i> (Litsch.) Spirin & Zmitr. | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | 1 | |
| <i>Antrodia gossypium</i> (Speg.) Ryvarden | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | 1 |
| <i>Ascocoryne sarcoides</i> (Jacq.) J.W. Groves & D.E. Wilson | | | | | | 1 | | | | | | | | | | 1 | | | | | | | | | 1 | | | | | | | | | 3 | |
| <i>Athelia decipiens</i> (Höhn. & Litsch.) J. Erikss. | | | | | | | | | | | | | | | | | | | 1 | | | | | | | 1 | | | | 1 | | | | 3 | |
| <i>Aurantiporus croceus</i> (Pers.) Murrill | | | | | | 1 | | 1 | | | | | | | | | 1 | | | 1 | | | | 1 | | | | 1 | | | | | | 6 | |
| <i>Botryobasidium aureum</i> Parmasto | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | 2 | |
| <i>Botryobasidium botryosum</i> (Bres.) J. Erikss. | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | 1 | |
| <i>Botryobasidium candicans</i> J. Erikss. | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| <i>Botryobasidium conspersum</i> J. Erikss. | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | 1 | | | | | | | 2 | |
| <i>Botryobasidium intertextum</i> (Schwein.) Jülich & Stalpers | | | | 1 | | 1 | | | | | | | | | 1 | 1 | 1 | | | 1 | 1 | | | 1 | | | | | | 1 | | | | 9 | |
| <i>Botryobasidium medium</i> J. Erikss. | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| <i>Botryobasidium pruinatum</i> (Bres.) J. Erikss. | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| <i>Botryobasidium subcoronatum</i> (Höhn. & Litsch.) Donk | | 1 | 1 | 1 | | | | | | | | | | | 1 | 1 | | | 1 | | | | 1 | | | | | | | | 1 | | | 8 | |
| <i>Botryohypochnus isabellinus</i> (Fr.) J. Erikss. | | | | | | | | 1 | | | | | | | | | | 1 | | | | | | 1 | | | | | | | | | | 3 | |
| <i>Byssocorticium atrovirens</i> (Fr.) Bondartsev & Singer ex Singer | | | | | | | | | | | | | | 1 | | | 1 | | | | | | | | | | | | | | | | | 2 | |
| <i>Byssocorticium efibulatum</i> Hjortstam & Ryvarden | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | 1 | |
| <i>Ceraceomyces</i> sp. | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | 1 | |
| <i>Clavulina cinerea</i> (Bull.) J. Schröt. | | | | 1 | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| <i>Clavulina coralloides</i> (L.) J. Schröt. | | | | | | | | 1 | | | | | | | 1 | | 1 | | | | | | | | | | | | | | | | | 3 | |
| <i>Clitocybe phaeophthalma</i> (Pers.) Kuyper | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | 1 | |
| <i>Clitocybe phyllophila</i> (Pers.) P. Kumm. | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | 1 | |
| <i>Clitocybe subbulbipes</i> Murrill | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | 2 | |
| <i>Clitocybula platyphylla</i> (Pers.) E. Ludw. | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| <i>Clitopilus hobsonii</i> (Berk. & Broome) P.D. Orton | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |

| species/ <i>Quercus robur</i> trunk number | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | Σ |
|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|
| <i>Coniophora olivacea</i> (Fr.) P. Karst. | | | | | | 1 | | | | | | | | | | | | | 1 | 1 | | | 1 | | | | | | | | | | 4 |
| <i>Conocybe</i> sp. | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| <i>Coprinus echinosporus</i> Buller | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| <i>Cortinarius lignicola</i> Bidaud | | | | 1 | | 1 | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | 3 |
| <i>Cristinia helvetica</i> (Pers.) Parmasto | | | | | | 1 | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | 2 |
| <i>Crustoderma dryinum</i> (Berk. & M.A. Curtis) Parmasto | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | 1 |
| <i>Cudoniella acicularis</i> (Bull.) J. Schröt. | | | | 1 | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | 1 |
| <i>Cystoderma</i> cf. <i>amianthinum</i> (Scop.) Fayod | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| <i>Cystolepiota bucknallii</i> (Berk. & Broome) Singer & Cléménçon | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| <i>Cystolepiota seminuda</i> (Lasch) Bon | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | 2 |
| <i>Datronia mollis</i> (Sommerf.) Donk | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| <i>Deconica phyllogena</i> (Peck) Noordel. | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| <i>Delicatula integrella</i> (Pers.) Fayod | | | | | | | | 1 | | | | | 1 | | | | | | | | | | | | | | | | 1 | | | | 3 |
| <i>Entoloma byssisedum</i> (Pers.) Donk | | | | | 1 | | | 1 | | | | | | | | | | 1 | 1 | | | | | | | | 1 | | | | | | 5 |
| <i>Entoloma depluens</i> (Batsch) Hesler | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | | 2 |
| <i>Entoloma jahnii</i> Wölfel & Winterh. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | |
| <i>Entoloma</i> cf. <i>lampropus</i> (Fr.) Hesler | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| <i>Entoloma rhodocalyx</i> (Lasch) M.M. Moser | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| <i>Fibriciellum silvae- ryae</i> J. Erikss. & Ryvarden | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | |
| <i>Fistulina hepatica</i> (Schaeff.) With. | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | 2 |
| <i>Flammulaster muricatus</i> (Fr.) Watling | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | 1 |
| <i>Galerina camerina</i> (Fr.) Kühner | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| <i>Galerina hypnorum</i> (Schränk) Kühner | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | 1 |
| <i>Galerina marginata</i> (Batsch) Kühner s.l. | 1 | 1 | | | 1 | | | | | | | | | | | | | | | | | | | 1 | | | | | | 1 | | | 5 |
| <i>Galerina triscopa</i> (Fr.) Kühner | | | | | | | | | 1 | | 1 | | | | | | | | | | | | 1 | | | | | | | | 1 | | 4 |
| <i>Ganoderma applanatum</i> (Pers.) Pat. | 1 | 1 | | | | | | | | | | | | 1 | 1 | | | | | | | 1 | | 1 | | | | 1 | | 1 | | | 8 |
| <i>Gloeopeniophorella convolvens</i> (P. Karst.) Boidin, Lanq. & Gilles | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| <i>Gymnopus confluens</i> (Pers.) Antonin, Halling & Noordel. | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | 1 |

| species/ <i>Quercus robur</i> trunk number | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | Σ | |
|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|----|
| <i>Gymnopus dryophilus</i> (Bull.) Murrill | | | | | 1 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | 2 | |
| <i>Gymnopus peronatus</i> (Bolton) Gray | | | | | 1 | | | | | | | 1 | | | | | | | | | | 1 | | | | | | | | | | | 2 | |
| <i>Gyrophanopsis polonensis</i> (Bres.) Stalpers & P.K. Buchanan | | 1 | | | 1 | 1 | | 1 | | | 1 | | | | | 1 | | | | 1 | | | | | | | 1 | | 1 | 1 | | | | 10 |
| <i>Hebeloma</i> cf. <i>sordescens</i> Vesterh. | | | | | 1 | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | 2 | |
| <i>Helvella lacunosa</i> Afzelius | | | 1 | | 1 | 1 | | | | | | | | | | 1 | | | | 1 | | | | | | | | | 1 | | | | 6 | |
| <i>Helvella macropus</i> (Pers.) P. Karst. | | | | | 1 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | 2 | |
| <i>Humaria hemisphaerica</i> (F.H. Wigg.) Fuckel | | | | | 1 | 1 | | 1 | | | | | | 1 | 1 | | | 1 | | 1 | | | | | | | 1 | | 1 | 1 | | | | 10 |
| <i>Hydopus floccipes</i> (Fr.) Singer | | 1 | | | 1 | 1 | | | | | | | | | | | | | | | 1 | | | | | | | | 1 | 1 | 1 | | 7 | |
| <i>Hymenochaete cinnamomea</i> (Pers.) Bres. | | | 1 | | | | | | | | | | | | | 1 | 1 | | | | | | 1 | 1 | | | | | | | | | | 5 |
| <i>Hymenochaete rubiginosa</i> (Dicks.) Lév. | 1 | | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 28 |
| <i>Hyphoderma argillaceum</i> (Bres.) Donk | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | 1 |
| <i>Hyphoderma incrustatum</i> K.H. Larss. | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| <i>Hyphoderma praetermissum</i> (P. Karst.) J. Erikss. & Å. Strid | | | 1 | | | | | 1 | | | | | | | | 1 | | | | | | | 1 | | | | | | | | | | | 4 |
| <i>Hyphoderma puberum</i> (Fr.) Wallr. | 1 | | | | | | | | | | | | | | | 1 | | 1 | 1 | | | | | | | | | | 1 | | | | | 5 |
| <i>Hyphodontia abieticola</i> (Bourdot & Galzin) J. Erikss. | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | 1 |
| <i>Hyphodontia alutacea</i> (Fr.) J. Erikss. | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | 1 |
| <i>Hyphodontia aspera</i> (Fr.) J. Erikss. | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | 2 |
| <i>Hyphodontia</i> cf. <i>breviseta</i> (P. Karst.) J. Erikss. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | 1 |
| <i>Hyphodontia nespori</i> (Bres.) J. Erikss. & Hjortstam | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | 1 |
| <i>Hyphodontia pallidula</i> (Bres.) J. Erikss. | | | | | | | | | | | 1 | | | | | 1 | | | | | | | | | | | | | | 1 | 1 | | | 4 |
| <i>Hyphodontia</i> cf. <i>rimosissima</i> (Peck) Gilb. | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | 1 |
| <i>Hyphodontia</i> sp. | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | 1 |
| <i>Hypholoma fasciculare</i> (Huds.) P. Kumm. | 1 | | | 1 | | | | | | | | | | | | | 1 | | | 1 | 1 | 1 | | | | | | | | | 1 | | | 7 |
| <i>Hypholoma lateritium</i> (Schaeff.) P. Kumm. | 1 | 1 | 1 | | | 1 | | 1 | | 1 | | | | | 1 | 1 | | 1 | | | | 1 | | 1 | | | | 1 | | 1 | 1 | | | 14 |
| <i>Hypholoma subviride</i> (Berk. & M.A. Curtis) Dennis | | | | | 1 | | | | | | | | | | 1 | | | 1 | 1 | 1 | | | | 1 | | | | 1 | | | | | | 7 |
| <i>Hypochnicium wakefieldiae</i> (Bres.) J. Erikss. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | 1 |
| <i>Inocybe fuscidula</i> var. <i>bisporigera</i> Kuyper | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |

| species/ <i>Quercus robur</i> trunk number | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | Σ |
|--|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| <i>Inocybe geophylla</i> (Fr.) P. Kumm. | | | 1 | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| <i>Inocybe hirtella</i> Bres. | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | 1 |
| <i>Jaapia ochroleuca</i> (Bres.) Nannf. & J. Erikss. | | | | 1 | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | 3 |
| <i>Kavinia alboviridis</i> (Morgan) Gilb. & Budington | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | 1 | | | | | | | 3 |
| <i>Kretzschmaria deusta</i> (Hoffm.) P.M.D. Martin | 1 | 1 | | | | | | 1 | | | | | | | | | | | | 1 | 1 | | 1 | | | | | | 1 | | | | 7 |
| <i>Laccaria amethystina</i> Cooke | | 1 | | | | | | | | | | | | | 1 | 1 | | 1 | 1 | | | | | | | | | | 1 | 1 | | 1 | 8 |
| <i>Laccaria laccata</i> (Scop.) Cooke | | 1 | | | | | | 1 | | | | | | | | | | 1 | | | | | | | | | 1 | | 1 | | | | 5 |
| <i>Lactarius camphoratus</i> (Bull.) Fr. | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | 1 |
| <i>Lactarius decipiens</i> Quél. | | 1 | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| <i>Lactarius subdulcis</i> (Pers.) Gray | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| <i>Lactarius tabidus</i> Fr. | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | 1 |
| <i>Laetiporus sulphureus</i> (Bull.) Murrill | | | | 1 | | | | 1 | | | | | 1 | | | 1 | | | 1 | | | | | 1 | | 1 | 1 | | | | 1 | 1 | 10 |
| <i>Lepiota cristata</i> (Bolton) P. Kumm. | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | 1 |
| <i>Lepiota echinella</i> Quél. & G.E. Bernard | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | 2 |
| <i>Lepiota perplexa</i> Knudsen | | | | | | | | | | | | | | | 1 | | | | | | 1 | | | | 1 | | | | | | | | 3 |
| <i>Leptosporomyces septentrionalis</i> (J. Erikss.) Krieglst. | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | 1 |
| <i>Leucoagaricus badhamii</i> (Berk. & Broome) Singer | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | 1 |
| <i>Lycoperdon perlatum</i> Pers. | | 1 | | | | | | 1 | | 1 | | | | | | | | | 1 | | 1 | | | 1 | | | | 1 | | | | | 7 |
| <i>Lycoperdon pyriforme</i> Schaeff. | | | | | | | | 1 | | | | | | | | | | | | | 1 | 1 | | | | | | | | 1 | | | 4 |
| <i>Marasmius cohaerens</i> (Pers.) Cooke & Quél. | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| <i>Marasmius rotula</i> (Scop.) Fr. | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| <i>Marasmius torquescens</i> Quél. | | | 1 | | | | | | | | | | 1 | | | | | | | | 1 | | | | | | | | | | | | 3 |
| <i>Melanophyllum haematospermum</i> (Bull.) Kreisel | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| <i>Mycena abramsii</i> (Murrill) Murrill | | 1 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | 2 |
| <i>Mycena acicula</i> (Schaeff.) P. Kumm. | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | 1 |
| <i>Mycena amicta</i> (Fr.) Quél. | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| <i>Mycena arcangeliana</i> Bres. | | | | | | | | | | | | | | | | | | | 1 | | 1 | | 1 | | | | 1 | | | | | | 4 |
| <i>Mycena erubescens</i> Höhn. | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| <i>Mycena flavescens</i> Velen. | | | | | | 1 | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | 3 | |
| <i>Mycena galericulata</i> (Scop.) Gray | 1 | 1 | 1 | 1 | | 1 | | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | | 1 | | | | 1 | 1 | 1 | 1 | | 1 | | 22 |
| <i>Mycena galopus</i> (Pers.) P. Kumm. | | 1 | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| <i>Mycena haematopus</i> (Pers.) P. Kumm. | | | | | | | | 1 | | | | | | 1 | | | | | | | | | | | | | | | | | | | 2 |

| species/ <i>Quercus robur</i> trunk number | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | Σ |
|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| <i>Mycena hiemalis</i> (Osbeck) Quél. | | | | | | | | 1 | | | | | | | | | | | | 1 | | | | | | | | | | 1 | | | 3 |
| <i>Mycena inclinata</i> (Fr.) Quél. | 1 | | 1 | 1 | | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | 1 | 1 | 1 | | 1 | 1 | | 1 | | 24 |
| <i>Mycena leptcephala</i> (Pers.) Gillet | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| <i>Mycena maculata</i> P. Karst. | | | | 1 | | 1 | | | | | 1 | | | | | | | | | | 1 | | | | | 1 | | | | | | | 5 |
| <i>Mycena</i> aff. <i>niveipes</i> (Murrill) Murrill | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| <i>Mycena pelianthina</i> (Fr.) Quél. | | | | | | 1 | | | | | | | | | | | | | | 1 | | | | | | | | | | 1 | | | 3 |
| <i>Mycena polygramma</i> (Bull.) Gray | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | 2 |
| <i>Mycena pura</i> (Pers.) P. Kumm. | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| <i>Mycena rosea</i> Gramberg | | | | | 1 | 1 | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | 3 |
| <i>Mycena sanguinolenta</i> (Alb. & Schwein.) P. Kumm. | | 1 | | 1 | 1 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | 4 |
| <i>Mycena speirea</i> (Fr.) Gillet | | 1 | | | 1 | | | | | | 1 | | | | | 1 | | | | 1 | | | | | | | 1 | | 1 | | | | 7 |
| <i>Panellus stipticus</i> (Bull.) P. Karst. | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | 1 |
| <i>Paxillus involutus</i> (Batsch) Fr. | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| <i>Perenniporia medulla-panis</i> (Jacq.) Donk | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | 1 |
| <i>Phaeohelotium monticola</i> (Berk.) Dennis | 1 | | | 1 | 1 | 1 | 1 | 1 | 1 | | | 1 | 1 | 1 | 1 | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 26 |
| <i>Phanerochaete laevis</i> (Fr.) J. Erikss. & Ryvarden | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | 1 |
| <i>Phanerochaete radicata</i> (Henn.) Nakasone, C.R. Bergman & Burds. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | 1 |
| <i>Phanerochaete velutina</i> (DC.) P. Karst. | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | 1 |
| <i>Phellinus robustus</i> (P. Karst.) Bourdot & Galzin | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | 1 |
| <i>Phlebia tremelloidea</i> (Bres.) Parmasto | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | 1 |
| <i>Phlebiella christiansenii</i> (Parmasto) K.H. Larss. & Hjortstam | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | 1 |
| <i>Phlebiella vaga</i> (Fr.) P. Karst. | | | | 1 | | 1 | | | | | | 1 | 1 | | | | | 1 | | | | | 1 | | | 1 | | | | 1 | | | 8 |
| <i>Physisporinus sanguinolentus</i> (Alb. & Schwein.) Pilát | | | | | | 1 | | | | | 1 | | | | | | | 1 | | 1 | | | | | | | | | 1 | | 1 | | 6 |
| <i>Piptoporus quercinus</i> (Schrad.) P. Karst. | | | | | | 1 | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| <i>Pluteus cervinus</i> (Schaeff.) P. Kumm. | | 1 | | | | | | | | 1 | | | | | | | 1 | | | | | | | 1 | | | | | | | | | 4 |
| <i>Pluteus chrysophaeus</i> (Schaeff.) Quél. | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | 1 |
| <i>Pluteus exiguus</i> (Pat.) Sacc. | | 1 | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | 3 |
| <i>Pluteus hispidulus</i> (Fr.) Gillet | | 1 | | | 1 | | | | | | 1 | | | | | | | | | | 1 | | | | | | | | | | | | 4 |
| <i>Pluteus insidiosus</i> Vellinga & Schreurs | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | 1 | | | | | 2 |

| species/ <i>Quercus robur</i> trunk number | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | Σ |
|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| <i>Pluteus podospileus</i> Sacc. & Cub. | | | | | 1 | | | | | | | | | | | 1 | | | | 1 | | | 1 | | | | 1 | | 1 | | | | 6 |
| <i>Pluteus thomsonii</i> (Berk. & Broome) Dennis | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | 1 |
| <i>Psathyrella piluliformis</i> (Bull.) P.D.Orton | | | | | 1 | | | | | | | | | | | | | | | | | 1 | | 1 | | | | 1 | | | | | 4 |
| <i>Pseudoomphalina kalchbrenneri</i> (Bres.) Singer | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | 1 |
| <i>Pseudotomentella tristis</i> (P. Karst.) M.J. Larsen | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 |
| <i>Resinicium furfuraceum</i> (Bres.) Parmasto | | 1 | | 1 | | | 1 | 1 | 1 | | | 1 | | | | 1 | 1 | | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | | 1 | | | | | 16 |
| <i>Rhodocollybia maculata</i> (Alb. & Schwein.) Singer | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | 1 |
| <i>Rickenella fibula</i> (Bull.) Raithelh. | | | | 1 | 1 | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | 3 |
| <i>Rickenella swartzii</i> (Fr.) Kuyper | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| <i>Rigidoporus crocatus</i> (Pat.) Ryvarden | | | | | | | | | | | | | | | | 1 | | | | | | | | 1 | | | 1 | | | | | | 3 |
| <i>Russula ochroleuca</i> Pers. | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | 1 | | | | | 2 |
| <i>Scleroderma areolatum</i> Ehrenb. | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | 1 | | | 2 |
| <i>Scytinostromella heterogenea</i> (Bourdot & Galzin) Parmasto | | | | | | | | | | | | | | | | | | | | 1 | | 1 | | | | | | | | | | | 2 |
| <i>Serpula himantoides</i> (Fr.) P. Karst. | | | | | | | | 1 | | | | | | | | | | 1 | | 1 | | | | | | | 1 | | | | | | 4 |
| <i>Schizopora flavipora</i> (Berk. & M.A. Curtis ex Cooke) Ryvarden | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | 1 |
| <i>Schizopora radula</i> (Pers.) Hallenb. | | | | | 1 | | | | | 1 | | | | | | | | | | | | | 1 | | | | | | | | | | 3 |
| <i>Steccherinum fimbriatum</i> (Pers.) J. Erikss. | | | | | | | | | | 1 | | | | | | | | | | | | | 1 | | | | | | | | | | 2 |
| <i>Stereum hirsutum</i> (Willd.) Pers. | | | | | | | | | | | | | | | | | | | | | | 1 | | 1 | | | | | | | | | 2 |
| <i>Subulicystidium longisporum</i> (Pat.) Parmasto | | 1 | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | 1 | 4 |
| <i>Subulicystidium perlongisporum</i> Boidin & Gilles | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| <i>Thanatephorus</i> cf. <i>brevisporus</i> Pouzar | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| <i>Tomentella atroarenicolor</i> Nikol. | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | 1 |
| <i>Tomentella bryophilla</i> (Pers.) M.J. Larsen | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 |
| <i>Tomentella cinerascens</i> (P. Karst.) Höhn. & Litsch. | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| <i>Tomentella coerulea</i> (Bres.) Höhn. & Litsch. | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | 1 |
| <i>Tomentella crinalis</i> (Fr.) M.J. Larsen | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | 1 |
| <i>Tomentella ellisii</i> (Sacc.) Jülich & Stalpers | | | | | | | | | | 1 | | | | | | | | 1 | | | | | | | | | | | | | | | 2 |
| <i>Tomentella ferruginea</i> (Pers.) Pat. | | | | | | | | | | | | | 1 | | | | | 1 | | 1 | | | | | | | | | | | | 3 | |

| species/ <i>Quercus robur</i> trunk number | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | Σ |
|--|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----|
| <i>Tomentella galzinii</i> Bourdot | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | 1 | 2 |
| <i>Tomentella pilosa</i> (Burt) Bourdot & Galzin | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | 2 |
| <i>Tomentella stiposa</i> (Link) Stalpers | | | | | | | | | | | 1 | | | | | | | | 1 | | | | | | | | | | | | | | 2 |
| <i>Tomentella</i> <i>sublilacina</i> (Ellis & Holw.) Wakef. | 1 | | | 1 | | | | | | | | | 1 | | | | | 1 | | 1 | | | | | | | | | 1 | 1 | | | 7 |
| <i>Tomentella viridula</i> Bourdot & Galzin | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 |
| <i>Trametes gibbosa</i> (Pers.) Fr. | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | 1 |
| <i>Trechispora</i> <i>araneosa</i> (Höhn. & Litsch.) K.H. Larss. | | | | | | | | | | | | | | 1 | | | | | | | | | | | 1 | | | | | | | | 2 |
| <i>Trechispora</i> <i>farinacea</i> (Pers.) Liberta | 1 | 1 | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | 1 | 4 |
| <i>Trechispora</i> <i>hymenocystis</i> (Berk. & Broome) K.H. Larss. | 1 | | 1 | 1 | | | | 1 | | | | | | | | 1 | 1 | 1 | | | 1 | 1 | | | | | | | 1 | | 1 | 1 | 12 |
| <i>Trechispora nivea</i> (Pers.) K.H. Larss. | | 1 | | 1 | | | | | | | | | | | | 1 | | 1 | | | | | | | | | | | | | | | 4 |
| <i>Trechispora</i> <i>stevensonii</i> (Berk. & Broome) K.H. Larss. | | | | | 1 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | 2 |
| <i>Tricholoma album</i> (Schaeff.) P. Kumm. | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 |
| <i>Tricholoma</i> <i>sulphureum</i> (Bull.) P. Kumm. | | | | | 1 | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | 2 |
| <i>Vararia ochroleuca</i> (Bourdot & Galzin) Donk | | | | | | | | | | | | | | | | | 1 | | 1 | | | | | | | | | | | | | | 2 |
| <i>Xylaria longipes</i> Nitschke | | | | | 1 | 1 | | | | | | | | | 1 | | | | | | 1 | | 1 | | | | | | | | | | 5 |
| <i>Xylaria polymorpha</i> (Pers.) Grev. | | | | | | | | | 1 | | | | | | | | | | | 1 | | 1 | | 1 | | | | | | | | | 4 |
| <i>Xylobolus</i> <i>frustulatus</i> (Pers.) Boidin | 1 | 1 | 1 | 1 | | | | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 26 |
| Total number of species on trunk | 15 | 31 | 17 | 23 | 38 | 32 | 4 | 30 | 8 | 13 | 17 | 7 | 12 | 18 | 21 | 31 | 14 | 23 | 19 | 31 | 26 | 18 | 21 | 20 | 9 | 11 | 22 | 20 | 19 | 22 | 20 | 11 | |

E. List of vouchers.

Trunk number is given after the fungal name. For abbreviations of institutional herbaria, see Index Herbariorum (<http://sweetgum.nybg.org/science/ih/>). Some of the collections were photographed in the field, which is indicated by the term “photo”.

- Amphinema byssoides* (Pers.) J. Erikss., 2, herb. Běťák 16/334, herb. Běťák 16/335, 12.9.2016, leg. J. Běťák, det. J. Běťák
Amphinema byssoides (Pers.) J. Erikss., 3, herb. PRM: JH82/2016, 12.9.2016, leg. J. Holec, det. Z. Pouzar
Amphinema byssoides (Pers.) J. Erikss., 5, herb. Běťák 16/365, herb. Běťák 16/367, 13.9.2016, leg. J. Běťák, det. J. Běťák
Amphinema byssoides (Pers.) J. Erikss., 6, herb. Běťák 16/370, 13.9.2016, leg. J. Běťák, det. J. Běťák
Amphinema byssoides (Pers.) J. Erikss., 30, herb. PRM: coll. MK, 16.9.2016, leg. M. Kříž, det. Z. Pouzar
Amylocorticiellum subillaqueatum (Litsch.) Spirin & Zmitr., 28, herb. PRM: JH238/2016, 15.9.2016, leg. J. Holec, det. J. Běťák
Ascocoryne sarcoides (Jacq.) J.W. Groves & D.E. Wilson, 6, herb. Běťák 16/371, 13.9.2016, leg. J. Běťák, det. J. Běťák
Ascocoryne sarcoides (Jacq.) J.W. Groves & D.E. Wilson, 16, herb. PRM: coll. MK, 14.9.2016, leg. M. Kříž, det. M. Kříž
Ascocoryne sarcoides (Jacq.) J.W. Groves & D.E. Wilson, 25, herb. PRM: JH228/2016, 15.9.2016, leg. J. Holec, det. J. Holec
Athelia decipiens (Höhn. & Litsch.) J. Erikss., 19, herb. Běťák 16/399, 14.9.2016, leg. J. Běťák, det. J. Běťák
Athelia decipiens (Höhn. & Litsch.) J. Erikss., 26, herb. PRM: coll. MK, 15.9.2016, leg. M. Kříž, det. Z. Pouzar
Athelia decipiens (Höhn. & Litsch.) J. Erikss., 30, herb. PRM: coll. MK, 16.9.2016, leg. M. Kříž, det. Z. Pouzar
Aurantiporus croceus (Pers.) Murrill, 6, herb. BRNU: BW6-14, 13.9.2016, leg. D. Dvořák, det. D. Dvořák
Aurantiporus croceus (Pers.) Murrill, 17, herb. BRNU: BW17-2, photo, 14.9.2016, leg. D. Dvořák, det. D. Dvořák
Aurantiporus croceus (Pers.) Murrill, 27, herb. BRNU: BW27-6, 15.9.2016, leg. D. Dvořák, det. D. Dvořák
Botryobasidium aureum Parmasto, 2, herb. Běťák 16/337, 12.9.2016, leg. J. Běťák, det. J. Běťák
Botryobasidium aureum Parmasto, 27, herb. BRNU: BW27-1, 15.9.2016, leg. D. Dvořák, det. D. Dvořák
Botryobasidium botryosum (Bres.) J. Erikss., 23, herb. PRM: coll. MK, 15.9.2016, leg. M. Kříž, det. Z. Pouzar
Botryobasidium candicans J. Erikss., 11, herb. PRM: JH119/2016, 13.9.2016, leg. J. Holec, det. Z. Pouzar
Botryobasidium conspersum J. Erikss., 11, herb. PRM: JH114/2016, 13.9.2016, leg. J. Holec, det. Z. Pouzar
Botryobasidium conspersum J. Erikss., 27, herb. BRNU: BW27-11, 15.9.2016, leg. D. Dvořák, det. D. Dvořák
Botryobasidium intertextum (Schwein.) Jülich & Stalpers, 4, herb. Běťák 16/326, 12.9.2016, leg. J. Běťák, det. J. Běťák
Botryobasidium intertextum (Schwein.) Jülich & Stalpers, 6, herb. Běťák 16/374, 13.9.2016, leg. J. Běťák, det. J. Běťák
Botryobasidium intertextum (Schwein.) Jülich & Stalpers, 15, herb. PRM: coll. MK, 14.9.2016, leg. M. Kříž, det. Z. Pouzar
Botryobasidium intertextum (Schwein.) Jülich & Stalpers, 16, herb. PRM: JH175/2016, 14.9.2016, leg. J. Holec, det. Z. Pouzar
Botryobasidium intertextum (Schwein.) Jülich & Stalpers, 17, herb. BRNU: BW17-15, herb. BRNU: BW17-17, 14.9.2016, leg. D. Dvořák, det. D. Dvořák
Botryobasidium intertextum (Schwein.) Jülich & Stalpers, 20, herb. Běťák 16/440, 15.9.2016, leg. J. Běťák, det. J. Běťák
Botryobasidium intertextum (Schwein.) Jülich & Stalpers, 21, herb. BRNU: BW21-1, herb. BRNU: BW21-3, herb. BRNU: BW21-5, 15.9.2016, leg. D. Dvořák, det. D. Dvořák
Botryobasidium intertextum (Schwein.) Jülich & Stalpers, 24, herb. PRM: JH219/2016, 15.9.2016, leg. J. Holec, det. Z. Pouzar
Botryobasidium intertextum (Schwein.) Jülich & Stalpers, 30, herb. PRM: coll. MK, 16.9.2016, leg. M. Kříž, det. Z. Pouzar
Botryobasidium medium J. Erikss., 11, herb. PRM: JH113/2016, 13.9.2016, leg. J. Holec, det. Z. Pouzar
Botryobasidium pruinaum (Bres.) J. Erikss., 10, herb. PRM: coll. MK, 13.9.2016, leg. M. Kříž, det. Z. Pouzar
Botryobasidium subcoronatum (Höhn. & Litsch.) Donk, 3, herb. PRM: JH83/2016, 12.9.2016, leg. J. Holec, det. Z. Pouzar
Botryobasidium subcoronatum (Höhn. & Litsch.) Donk, 3, herb. BRNU: BW3-10, 12.9.2016, leg. D. Dvořák, det. D. Dvořák
Botryobasidium subcoronatum (Höhn. & Litsch.) Donk, 4, herb. BRNU: BW4-4, herb. BRNU: BW4-15, herb. BRNU: BW4-16, 12.9.2016, leg. D. Dvořák, det. D. Dvořák
Botryobasidium subcoronatum (Höhn. & Litsch.) Donk, 15, herb. PRM: JH148/2016, 14.9.2016, leg. J. Holec, det. Z. Pouzar
Botryobasidium subcoronatum (Höhn. & Litsch.) Donk, 16, herb. PRM: JH159/2016, 14.9.2016, leg. J. Holec, det. Z. Pouzar
Botryobasidium subcoronatum (Höhn. & Litsch.) Donk, 19, herb. Běťák 16/396, 14.9.2016, leg. J. Běťák, det. J. Běťák
Botryobasidium subcoronatum (Höhn. & Litsch.) Donk, 19, herb. BRNU: BW19-2, 14.9.2016, leg. D. Dvořák, det. D. Dvořák
Botryobasidium subcoronatum (Höhn. & Litsch.) Donk, 23, herb. PRM: coll. MK, 15.9.2016, leg. M. Kříž, det. Z. Pouzar
Botryobasidium subcoronatum (Höhn. & Litsch.) Donk, 23, herb. PRM: JH208/2016, herb. PRM: JH209/2016, 15.9.2016, leg. J. Holec, det. Z. Pouzar
Botryobasidium subcoronatum (Höhn. & Litsch.) Donk, 31, herb. BRNU: BW31-8, 16.9.2016, leg. D. Dvořák, det. D. Dvořák
Botryohypochnus isabellinus (Fr.) J. Erikss., 8, herb. Běťák 16/381, 13.9.2016, leg. J. Běťák, det. J. Běťák
Botryohypochnus isabellinus (Fr.) J. Erikss., 18, herb. Běťák 16/418, 14.9.2016, leg. J. Běťák, det. J. Běťák
Botryohypochnus isabellinus (Fr.) J. Erikss., 24, herb. PRM: coll. MK, 15.9.2016, leg. M. Kříž, det. Z. Pouzar
Byssocorticium atrovirens (Fr.) Bondartsev & Singer ex Singer, 14, herb. PRM: JH146/2016, 14.9.2016, leg. J. Holec, det. J. Holec, rev. Z. Pouzar
Byssocorticium atrovirens (Fr.) Bondartsev & Singer ex Singer, 17, herb. BRNU: BW17-14, 14.9.2016, leg. D. Dvořák, det. D. Dvořák
Byssocorticium efibulatum Hjortstam & Ryvarden, 31, herb. BRNU: BW31-11, 16.9.2016, leg. D. Dvořák, det. D. Dvořák
Ceraceomyces sp., 23, herb. PRM: JH215/2016, 15.9.2016, leg. J. Holec, det. Z. Pouzar, rev. J. Běťák
Clitocybe phyllophila (Pers.) P. Kumm., 14, herb. PRM: JH143/2016, photo, 14.9.2016, leg. J. Holec, det. J. Holec
Clitocybe subbulbipes Murrill, 28, herb. PRM: JH239/2016, herb. PRM: JH246/2016, photo, 15.9.2016, leg. J. Holec, det. J. Holec

Clitocybe subbulbipes Murrill, 29, herb. Běťák 16/459, 15.9.2016, leg. J. Běťák, det. J. Běťák
Coniophora olivacea (Fr.) P. Karst., 6, herb. Běťák 16/375, herb. Běťák 16/378, 13.9.2016, leg. J. Běťák, det. J. Běťák
Coniophora olivacea (Fr.) P. Karst., 6, herb. BRNU: BW6-12, 13.9.2016, leg. D. Dvořák, det. D. Dvořák
Coniophora olivacea (Fr.) P. Karst., 19, herb. Běťák 16/402, photo, 14.9.2016, leg. J. Běťák, det. J. Běťák
Coniophora olivacea (Fr.) P. Karst., 23, herb. PRM: JH208/2016, 15.9.2016, leg. J. Holec, det. Z. Pouzar
Conocybe sp., 5, herb. Běťák 16/361, 13.9.2016, leg. J. Běťák, det. J. Běťák
Coprinus echinosporus Buller, 2, herb. PRM: coll. MK, photo, 12.9.2016, leg. M. Kříž, det. M. Kříž
Cortinarius lignicola Bidaud, 4, herb. BRNU: BW4-1, 12.9.2016, leg. D. Dvořák, det. D. Dvořák
Cortinarius lignicola Bidaud, 21, herb. BRNU: BW21-14, 15.9.2016, leg. D. Dvořák, det. D. Dvořák
Cristinia helvetica (Pers.) Parmasto, 6, herb. Běťák 16/373, 13.9.2016, leg. J. Běťák, det. J. Běťák
Cristinia helvetica (Pers.) Parmasto, 14, herb. PRM: JH147/2016, 14.9.2016, leg. J. Holec, det. Z. Pouzar
Crustoderma dryinum (Berk. & M.A. Curtis) Parmasto, 16, herb. PRM: coll. MK, photo, 14.9.2016, leg. M. Kříž, det. Z. Pouzar
Cudoniella acicularis (Bull.) J. Schröt., 4, herb. PRM: coll. MK, photo, 12.9.2016, leg. M. Kříž, det. M. Kříž
Cystolepiota bucknallii (Berk. & Broome) Singer & Cléménçon, 6, herb. BRNU: BW6-1, photo, 13.9.2016, leg. D. Dvořák, det. D. Dvořák
Deconia phyllogena (Peck) Noordel., 2, herb. PRM: coll. MK, photo, 12.9.2016, leg. M. Kříž, det. M. Kříž
Delicatula integrella (Pers.) Fayod, 8, herb. Běťák 16/386, 13.9.2016, leg. J. Běťák, det. J. Běťák
Entoloma byssisedum (Pers.) Donk, 5, herb. Běťák 16/364, 13.9.2016, leg. J. Běťák, det. J. Běťák
Entoloma depluens (Batsch) Hesler, 14, herb. PRM: coll. MK, 14.9.2016, leg. M. Kříž, det. M. Kříž
Entoloma jahnii Wölfel & Winterh., 32, herb. PRM: JH254/2016, 16.9.2016, leg. J. Holec, det. J. Holec
Entoloma cf. *lampopus* (Fr.) Hesler, 6, herb. Běťák 16/380, 13.9.2016, leg. J. Běťák, det. J. Běťák
Entoloma rhodocalyx (Lasch) M.M. Moser, 3, herb. BRNU: BW3-1, 12.9.2016, leg. D. Dvořák, det. D. Dvořák
Fibriciellum silvae-ryae J. Erikss. & Ryvarden, 31, herb. BRNU: BW31-2, 16.9.2016, leg. D. Dvořák, det. D. Dvořák
Galerina camerina (Fr.) Kühner, 4, herb. Běťák 16/334, 12.9.2016, leg. J. Běťák, det. J. Běťák
Galerina hypnorum (Schrank) Kühner, 16, herb. PRM: coll. MK, 14.9.2016, leg. M. Kříž, det. M. Kříž
Galerina triscopa (Fr.) Kühner, 23, herb. PRM: coll. MK, 15.9.2016, leg. M. Kříž, det. M. Kříž
Galerina triscopa (Fr.) Kühner, 31, herb. BRNU: BW31-4, 16.9.2016, leg. D. Dvořák, det. D. Dvořák
Gloeopeniophorella convolvens (P. Karst.) Boidin, Lanq. & Gilles, 5, herb. BRNU: BW5-5, 13.9.2016, leg. D. Dvořák, det. D. Dvořák et J. Běťák
Gyrophanopsis polonensis (Bres.) Stalpers & P.K. Buchanan, 2, herb. Běťák 16/332, 12.9.2016, leg. J. Běťák, det. J. Běťák
Gyrophanopsis polonensis (Bres.) Stalpers & P.K. Buchanan, 6, herb. BRNU: BW6-9, 13.9.2016, leg. D. Dvořák, det. D. Dvořák
Gyrophanopsis polonensis (Bres.) Stalpers & P.K. Buchanan, 11, herb. PRM: JH118/2016, 13.9.2016, leg. J. Holec, det. Z. Pouzar
Gyrophanopsis polonensis (Bres.) Stalpers & P.K. Buchanan, 16, herb. PRM: JH166/2016, 14.9.2016, leg. J. Holec, det. Z. Pouzar
Gyrophanopsis polonensis (Bres.) Stalpers & P.K. Buchanan, 29, herb. Běťák 16/460, 15.9.2016, leg. J. Běťák, det. J. Běťák
Gyrophanopsis polonensis (Bres.) Stalpers & P.K. Buchanan, 30, herb. PRM: coll. MK, 16.9.2016, leg. M. Kříž, det. Z. Pouzar
Hebeloma cf. *sordescens* Vesterh., 5, herb. Běťák 16/359, 13.9.2016, leg. J. Běťák, det. J. Běťák
Hebeloma cf. *sordescens* Vesterh., 20, herb. Běťák 16/453, 15.9.2016, leg. J. Běťák, det. J. Běťák
Helvella lacunosa Afzelius, 5, herb. Běťák 16/358, 13.9.2016, leg. J. Běťák, det. J. Běťák
Helvella macropus (Pers.) P. Karst., 5, herb. Běťák 16/357, 13.9.2016, leg. J. Běťák, det. J. Běťák
Helvella macropus (Pers.) P. Karst., 16, herb. PRM: JH177/2016, photo, 14.9.2016, leg. J. Holec, det. J. Holec
Humaria hemisphaerica (F.H. Wigg.) Fuckel, 15, herb. PRM: JH156/2016, 14.9.2016, leg. J. Holec, det. J. Holec
Hydopus floccipes (Fr.) Singer, 2, herb. PRM: coll. MK, photo, 12.9.2016, leg. J. Běťák, det. J. Běťák
Hydopus floccipes (Fr.) Singer, 6, herb. BRNU: BW6-5, 13.9.2016, leg. D. Dvořák, det. D. Dvořák
Hydopus floccipes (Fr.) Singer, 31, herb. BRNU: BW31-14, 16.9.2016, leg. D. Dvořák, det. D. Dvořák
Hymenochaete cinnamomea (Pers.) Bres., 3, herb. BRNU: BW3-7, 12.9.2016, leg. D. Dvořák, det. D. Dvořák
Hymenochaete cinnamomea (Pers.) Bres., 15, herb. PRM: JH149/2016, 14.9.2016, leg. J. Holec, det. J. Holec
Hymenochaete cinnamomea (Pers.) Bres., 16, herb. PRM: JH160/2016, 14.9.2016, leg. J. Holec, det. J. Holec
Hymenochaete cinnamomea (Pers.) Bres., 23, herb. PRM: JH212/2016, 15.9.2016, leg. J. Holec, det. J. Holec
Hyphoderma argillaceum (Bres.) Donk, 12, herb. PRM: coll. MK, 13.9.2016, leg. M. Kříž, det. Z. Pouzar
Hyphoderma incrustatum K.H. Larss., 5, herb. BRNU: BW5-8, 13.9.2016, leg. D. Dvořák, det. J. Běťák
Hyphoderma praetermissum (P. Karst.) J. Erikss. & Å. Strid, 3, herb. BRNU: BW3-6, 12.9.2016, leg. D. Dvořák, det. D. Dvořák
Hyphoderma praetermissum (P. Karst.) J. Erikss. & Å. Strid, 8, herb. BRNU: BW8-6, 13.9.2016, leg. D. Dvořák, det. J. Běťák
Hyphoderma praetermissum (P. Karst.) J. Erikss. & Å. Strid, 16, herb. PRM: coll. MK, photo, 14.9.2016, leg. M. Kříž, det. Z. Pouzar
Hyphoderma praetermissum (P. Karst.) J. Erikss. & Å. Strid, 16, herb. PRM: JH162/2016, 14.9.2016, leg. J. Holec, det. J. Běťák
Hyphoderma praetermissum (P. Karst.) J. Erikss. & Å. Strid, 23, herb. PRM: coll. MK, 15.9.2016, leg. M. Kříž, det. M. Kříž
Hyphoderma puberum (Fr.) Wallr., 1, herb. Běťák 16/323, 12.9.2016, leg. J. Běťák, det. J. Běťák
Hyphoderma puberum (Fr.) Wallr., 16, herb. PRM: coll. MK, 14.9.2016, leg. M. Kříž, det. Z. Pouzar
Hyphoderma puberum (Fr.) Wallr., 16, herb. PRM: JH163/2016, 14.9.2016, leg. J. Holec, det. Z. Pouzar
Hyphoderma puberum (Fr.) Wallr., 29, herb. Běťák 16/461, 15.9.2016, leg. J. Běťák, det. J. Běťák
Hyphodontia abieticola (Bourdot & Galzin) J. Erikss., 28, herb. PRM: JH247/2016, 15.9.2016, leg. J. Holec, det. Z. Pouzar
Hyphodontia alutacea (Fr.) J. Erikss., 20, herb. Běťák 16/452, 15.9.2016, leg. J. Běťák, det. J. Běťák
Hyphodontia aspera (Fr.) J. Erikss., 29, herb. Běťák 16/456, 15.9.2016, leg. J. Běťák, det. J. Běťák
Hyphodontia cf. *brevisetata* (P. Karst.) J. Erikss., 32, herb. PRM: JH253/2016, 16.9.2016, leg. J. Holec, det. J. Běťák
Hyphodontia nespori (Bres.) J. Erikss. & Hjortstam, 16, herb. PRM: coll. MK, 14.9.2016, leg. M. Kříž, det. Z. Pouzar

Hyphodontia pallidula (Bres.) J. Erikss., 11, herb. PRM: JH121/2016, 13.9.2016, leg. J. Holec, det. J. Běťák
Hyphodontia pallidula (Bres.) J. Erikss., 16, herb. PRM: coll. MK, 14.9.2016, leg. M. Kříž, det. Z. Pouzar
Hyphodontia pallidula (Bres.) J. Erikss., 30, herb. PRM: coll. MK, 16.9.2016, leg. M. Kříž, det. Z. Pouzar
Hyphodontia pallidula (Bres.) J. Erikss., 31, herb. BRNU: BW31-12, 16.9.2016, leg. D. Dvořák, det. D. Dvořák
Hyphodontia cf. rimosissima (Peck) Gilb., 23, herb. PRM: JH213/2016, 15.9.2016, leg. J. Holec, det. J. Běťák
Hyphodontia sp., 18, herb. Běťák 16/412, 14.9.2016, leg. J. Běťák, det. J. Běťák
Hypochnicium wakefieldiae (Bres.) J. Erikss., 31, herb. BRNU: BW31-3, herb. BRNU: BW31-7, 16.9.2016, leg. D. Dvořák, det. D. Dvořák
Inocybe fuscidula var. *bisporigera* Kuyper, 5, herb. Běťák 16/360, 13.9.2016, leg. J. Běťák, det. J. Běťák
Inocybe geophylla (Fr.) P. Kumm., 3, herb. PRM: JH80/2016, 12.9.2016, leg. J. Holec, det. J. Holec
Jaapia ochroleuca (Bres.) Nannf. & J. Erikss., 4, herb. BRNU: BW4-2, 12.9.2016, leg. D. Dvořák, det. D. Dvořák
Jaapia ochroleuca (Bres.) Nannf. & J. Erikss., 25, herb. PRM: JH230/2016, 15.9.2016, leg. J. Holec, det. Z. Pouzar
Jaapia ochroleuca (Bres.) Nannf. & J. Erikss., 27, herb. Běťák 16/436, 15.9.2016, leg. J. Běťák, det. J. Běťák
Jaapia ochroleuca (Bres.) Nannf. & J. Erikss., 27, herb. BRNU: BW27-2, herb. BRNU: BW27-7, herb. BRNU: BW27-10, 15.9.2016, leg. D. Dvořák, det. D. Dvořák
Kavinia alboboviridis (Morgan) Gilb. & Budington, 15, herb. PRM: JH150/2016, 14.9.2016, leg. J. Holec, det. J. Holec, rev. Z. Pouzar
Kavinia alboboviridis (Morgan) Gilb. & Budington, 16, herb. PRM: JH161/2016, photo, 14.9.2016, leg. J. Holec, det. J. Holec, rev. Z. Pouzar
Kavinia alboboviridis (Morgan) Gilb. & Budington, 26, herb. PRM: coll. MK, 15.9.2016, leg. M. Kříž, det. M. Kříž, rev. Z. Pouzar
Lepiota echinella Quél. & G.E. Bernard, 6, herb. BRNU: BW6-8, 13.9.2016, leg. D. Dvořák, det. D. Dvořák
Lepiota perplexa Knudsen, 15, herb. PRM: JH155/2016, photo, 14.9.2016, leg. J. Holec, det. J. Holec
Lepiota perplexa Knudsen, 21, herb. BRNU: BW21-7, photo, 15.9.2016, leg. D. Dvořák, det. D. Dvořák
Lepiota perplexa Knudsen, 25, herb. PRM: JH236/2016, photo, 15.9.2016, leg. J. Holec, det. J. Holec
Leptosporomyces septentrionalis (J. Erikss.) Krieglst., 23, herb. PRM: coll. MK, photo, 15.9.2016, leg. M. Kříž, det. M. Kříž
Leucoagaricus badhamii (Berk. & Broome) Singer, 21, herb. BRNU: BW21-16, 15.9.2016, leg. D. Dvořák, det. D. Dvořák
Marasmius torquescens Quél., 3, herb. BRNU: BW3-4, 12.9.2016, leg. D. Dvořák, det. D. Dvořák
Mycena abramsii (Murrill) Murrill, 2, herb. Běťák 16/339, 12.9.2016, leg. J. Běťák, det. J. Běťák
Mycena abramsii (Murrill) Murrill, 23, herb. PRM: JH214/2016, 15.9.2016, leg. J. Holec, det. J. Holec
Mycena arcangeliana Bres., 19, herb. Běťák 16/403, 14.9.2016, leg. J. Běťák, det. J. Běťák
Mycena arcangeliana Bres., 21, herb. BRNU: BW21-18, 15.9.2016, leg. D. Dvořák, det. D. Dvořák
Mycena arcangeliana Bres., 27, herb. Běťák 16/437, 15.9.2016, leg. J. Běťák, det. J. Běťák
Mycena erubescens Höhn., 2, herb. Běťák 16/331, 12.9.2016, leg. J. Běťák, det. J. Běťák
Mycena flavescens Velen., 6, herb. Běťák 16/377, 13.9.2016, leg. J. Běťák, det. J. Běťák
Mycena flavescens Velen., 20, herb. Běťák 16/441, 15.9.2016, leg. J. Běťák, det. J. Běťák
Mycena hiemalis (Osbeck) Quél., 20, herb. Běťák 16/446, 15.9.2016, leg. J. Běťák, det. J. Běťák
Mycena maculata P. Karst., 4, herb. BRNU: BW4-14, 12.9.2016, leg. D. Dvořák, det. D. Dvořák
Mycena maculata P. Karst., 6, herb. Běťák 16/379, 13.9.2016, leg. J. Běťák, det. J. Běťák
Mycena maculata P. Karst., 6, herb. BRNU: BW6-13, 13.9.2016, leg. D. Dvořák, det. D. Dvořák
Mycena maculata P. Karst., 11, herb. PRM: coll. MK, 13.9.2016, leg. M. Kříž, det. M. Kříž
Mycena maculata P. Karst., 21, herb. BRNU: BW21-19, 15.9.2016, leg. D. Dvořák, det. D. Dvořák
Mycena aff. niveipes (Murrill) Murrill, 5, herb. BRNU: BW5-6, 13.9.2016, leg. D. Dvořák, det. D. Dvořák
Perenniporia medulla-panis (Jacq.) Donk, 20, herb. Běťák 16/448, 15.9.2016, leg. J. Běťák, det. J. Běťák, rev. P. Vampola
Phaeohelotium monticola (Berk.) Dennis, 1, herb. Běťák 16/318, 12.9.2016, leg. J. Běťák, det. J. Běťák
Phaeohelotium monticola (Berk.) Dennis, 12, herb. PRM: coll. MK, 13.9.2016, leg. M. Kříž, det. M. Kříž
Phaeohelotium monticola (Berk.) Dennis, 14, herb. PRM: coll. MK, 14.9.2016, leg. M. Kříž, det. M. Kříž
Phaeohelotium monticola (Berk.) Dennis, 24, herb. PRM: JH216/2016, 15.9.2016, leg. J. Holec, det. J. Holec
Phanerochaete laevis (Fr.) J. Erikss. & Ryvarden, 14, herb. PRM: JH183/2016, 14.9.2016, leg. J. Holec, det. Z. Pouzar
Phanerochaete radicata (Henn.) Nakasone, C.R. Bergman & Burds., 31, herb. BRNU: BW31-10, 16.9.2016, leg. D. Dvořák, det. D. Dvořák
Phanerochaete velutina (DC.) P. Karst., 28, herb. PRM: JH245/2016, 15.9.2016, leg. J. Holec, det. Z. Pouzar
Phlebia tremelloidea (Bres.) Parmasto, 19, herb. Běťák 16/400, photo, 14.9.2016, leg. J. Běťák, det. J. Běťák
Phlebia tremelloidea (Bres.) Parmasto, 19, herb. BRNU: BW19-6, 14.9.2016, leg. D. Dvořák, det. D. Dvořák
Phlebiella christiansenii (Parmasto) K.H. Larss. & Hjortstam, 23, herb. PRM: JH211/2016, 15.9.2016, leg. J. Holec, det. Z. Pouzar
Phlebiella vaga (Fr.) P. Karst., 4, herb. Běťák 16/331, herb. Běťák 16/333, 12.9.2016, leg. J. Běťák, det. J. Běťák
Phlebiella vaga (Fr.) P. Karst., 6, herb. Běťák 16/372, 13.9.2016, leg. J. Běťák, det. J. Běťák
Phlebiella vaga (Fr.) P. Karst., 12, herb. PRM: JH123/2016, 13.9.2016, leg. J. Holec, det. Z. Pouzar
Phlebiella vaga (Fr.) P. Karst., 12, herb. PRM: JH122/2016, 13.9.2016, leg. J. Holec, det. Z. Pouzar
Phlebiella vaga (Fr.) P. Karst., 13, herb. PRM: coll. MK, 13.9.2016, leg. M. Kříž, det. M. Kříž, rev. Z. Pouzar
Phlebiella vaga (Fr.) P. Karst., 13, herb. PRM: JH127/2016, 13.9.2016, leg. J. Holec, det. Z. Pouzar
Phlebiella vaga (Fr.) P. Karst., 18, herb. Běťák 16/413, 14.9.2016, leg. J. Běťák, det. J. Běťák
Phlebiella vaga (Fr.) P. Karst., 23, herb. PRM: JH207/2016, 15.9.2016, leg. J. Holec, det. Z. Pouzar
Physisporinus sanguinolentus (Alb. & Schwein.) Pilát, 11, herb. PRM: JH115/2016, 13.9.2016, leg. J. Holec, det. P. Vampola
Pluteus cervinus (Schaeff.) P. Kumm., 10, herb. PRM: coll. MK, 13.9.2016, leg. M. Kříž, det. M. Kříž

Pluteus cervinus (Schaeff.) P. Kumm., 24, herb. PRM: coll. MK, 15.9.2016, leg. M. Kříž, det. M. Kříž
Pluteus exiguus (Pat.) Sacc., 2, herb. Běťák 16/336, 12.9.2016, leg. J. Běťák, det. J. Běťák
Pluteus hispidulus (Fr.) Gillet, 2, herb. PRM: coll. MK, photo, 12.9.2016, leg. M. Kříž, det. M. Kříž
Pluteus hispidulus (Fr.) Gillet, 5, herb. BRNU: BW5-2, 13.9.2016, leg. D. Dvořák, det. D. Dvořák
Pluteus hispidulus (Fr.) Gillet, 21, herb. BRNU: BW21-8, 15.9.2016, leg. D. Dvořák, det. D. Dvořák
Pluteus insidiosus Vellinga & Schreurs, 20, herb. Běťák 16/450, 15.9.2016, leg. J. Běťák, det. J. Běťák
Pluteus insidiosus Vellinga & Schreurs, 28, herb. PRM: JH242/2016, photo, 15.9.2016, leg. J. Holec, det. J. Holec
Pluteus podospileus Sacc. & Cub., 5, herb. Běťák 16/362, 13.9.2016, leg. J. Běťák, det. J. Běťák
Pluteus podospileus Sacc. & Cub., 27, herb. BRNU: BW27-9, 15.9.2016, leg. D. Dvořák, det. D. Dvořák
Pseudoomphalina kalchbrenneri (Bres.) Singer, 20, herb. Běťák 16/447, 15.9.2016, leg. J. Běťák, det. J. Běťák
Pseudotomentella tristis (P. Karst.) M.J. Larsen, 10, herb. PRM: coll. MK, 13.9.2016, leg. M. Kříž, det. M. Kříž
Resinicium furfuraceum (Bres.) Parmasto, 2, herb. Běťák 16/327, 12.9.2016, leg. J. Běťák, det. J. Běťák
Resinicium furfuraceum (Bres.) Parmasto, 4, herb. Běťák 16/330, 12.9.2016, leg. J. Běťák, det. J. Běťák
Resinicium furfuraceum (Bres.) Parmasto, 4, herb. BRNU: BW4-7, herb. BRNU: BW4-9, 12.9.2016, leg. D. Dvořák, det. D. Dvořák
Resinicium furfuraceum (Bres.) Parmasto, 7, herb. BRNU: BW7-1, 13.9.2016, leg. D. Dvořák, det. D. Dvořák
Resinicium furfuraceum (Bres.) Parmasto, 9, herb. PRM: JH182/2016, 13.9.2016, leg. J. Holec, det. Z. Pouzar
Resinicium furfuraceum (Bres.) Parmasto, 13, herb. PRM: coll. MK, 13.9.2016, leg. M. Kříž, det. Z. Pouzar
Resinicium furfuraceum (Bres.) Parmasto, 13, herb. PRM: JH126/2016, herb. PRM: JH130/2016, 13.9.2016, leg. J. Holec, det. Z. Pouzar
Resinicium furfuraceum (Bres.) Parmasto, 16, herb. PRM: coll. MK, 14.9.2016, leg. M. Kříž, det. Z. Pouzar
Resinicium furfuraceum (Bres.) Parmasto, 16, herb. PRM: JH170/2016, 14.9.2016, leg. J. Holec, det. Z. Pouzar
Resinicium furfuraceum (Bres.) Parmasto, 19, herb. BRNU: BW19-3, 14.9.2016, leg. D. Dvořák, det. D. Dvořák
Resinicium furfuraceum (Bres.) Parmasto, 20, herb. Běťák 16/451, 15.9.2016, leg. J. Běťák, det. J. Běťák
Resinicium furfuraceum (Bres.) Parmasto, 21, herb. BRNU: BW21-6, 15.9.2016, leg. D. Dvořák, det. D. Dvořák
Resinicium furfuraceum (Bres.) Parmasto, 24, herb. PRM: JH218/2016, 15.9.2016, leg. J. Holec, det. Z. Pouzar
Resinicium furfuraceum (Bres.) Parmasto, 25, herb. PRM: JH235/2016, 15.9.2016, leg. J. Holec, det. Z. Pouzar
Resinicium furfuraceum (Bres.) Parmasto, 28, herb. PRM: JH244/2016, 15.9.2016, leg. J. Holec, det. Z. Pouzar
Rigidoporus crocatus (Pat.) Ryvarden, 16, herb. PRM: JH169/2016, herb. PRM: JH173/2016, 14.9.2016, leg. J. Holec, det. P. Vampola
Rigidoporus crocatus (Pat.) Ryvarden, 24, herb. PRM: JH222/2016, 15.9.2016, leg. J. Holec, det. J. Holec, rev. P. Vampola
Rigidoporus crocatus (Pat.) Ryvarden, 27, herb. Běťák 16/434, 15.9.2016, leg. J. Běťák, det. J. Běťák, rev. P. Vampola
Scleroderma areolatum Ehrenb., 16, herb. PRM: JH174/2016, photo, 14.9.2016, leg. J. Holec, det. J. Holec
Scytinostromella heterogenea (Bourdot & Galzin) Parmasto, 20, herb. Běťák 16/444, 15.9.2016, leg. J. Běťák, det. J. Běťák
Scytinostromella heterogenea (Bourdot & Galzin) Parmasto, 22, herb. Běťák 16/433, 15.9.2016, leg. J. Běťák, det. J. Běťák
Serpula himantoides (Fr.) P. Karst., 27, herb. Běťák 16/439, 15.9.2016, leg. J. Běťák, det. J. Běťák
Schizopora flavipora (Berk. & M.A. Curtis ex Cooke) Ryvarden, 22, herb. BRNU: BW22-2, 15.9.2016, leg. D. Dvořák, det. P. Vampola
Schizopora radula (Pers.) Hallenb., 5, herb. Běťák 16/368, 13.9.2016, leg. J. Běťák, det. P. Vampola
Schizopora radula (Pers.) Hallenb., 10, herb. PRM: coll. MK, 13.9.2016, leg. M. Kříž, det. M. Kříž, rev. P. Vampola
Schizopora radula (Pers.) Hallenb., 23, herb. PRM: coll. MK, 15.9.2016, leg. M. Kříž, det. P. Vampola
Steccherinum fimbriatum (Pers.) J. Erikss., 10, herb. PRM: JH110/2016, 13.9.2016, leg. J. Holec, det. J. Holec, rev. Z. Pouzar
Subulicystidium longisporum (Pat.) Parmasto, 2, herb. Běťák 16/330, herb. Běťák 16/333, 12.9.2016, leg. J. Běťák, det. J. Běťák
Subulicystidium longisporum (Pat.) Parmasto, 5, herb. BRNU: BW5-4, 13.9.2016, leg. D. Dvořák, det. D. Dvořák
Subulicystidium longisporum (Pat.) Parmasto, 30, herb. PRM: coll. MK, 16.9.2016, leg. M. Kříž, det. Z. Pouzar
Subulicystidium longisporum (Pat.) Parmasto, 32, herb. PRM: JH249/2016, 16.9.2016, leg. J. Holec, det. Z. Pouzar
Subulicystidium perlongisporum Boidin & Gilles, 8, herb. Běťák 16/385, 13.9.2016, leg. J. Běťák, det. J. Běťák
Thanatephorus cf. *brevisporus* Pouzar, 2, herb. Běťák 16/326, 12.9.2016, leg. J. Běťák, det. J. Běťák
Tomentella atroarenicolor Nikol., 15, herb. PRM: coll. MK, 14.9.2016, leg. M. Kříž, det. M. Kříž
Tomentella bryophila (Pers.) M.J. Larsen, 10, herb. PRM: JH112/2016, 13.9.2016, leg. J. Holec, det. J. Holec
Tomentella cinerascens (P. Karst.) Höhn. & Litsch., 5, herb. Běťák 16/369?, 13.9.2016, leg. J. Běťák, det. J. Běťák
Tomentella coerulea (Bres.) Höhn. & Litsch., 14, herb. PRM: JH145/2016, 14.9.2016, leg. J. Holec, det. J. Holec
Tomentella crinalis (Fr.) M.J. Larsen, 27, herb. Běťák 16/455, photo, 15.9.2016, leg. J. Běťák, det. J. Běťák
Tomentella ellisii (Sacc.) Jülich & Stalpers, 10, herb. PRM: coll. MK, 13.9.2016, leg. M. Kříž, det. M. Kříž
Tomentella ellisii (Sacc.) Jülich & Stalpers, 18, herb. Běťák 16/420, 14.9.2016, leg. J. Běťák, det. J. Běťák
Tomentella ferruginea (Pers.) Pat., 14, herb. PRM: coll. MK, 14.9.2016, leg. M. Kříž, det. M. Kříž
Tomentella ferruginea (Pers.) Pat., 18, herb. Běťák 16/415, 14.9.2016, leg. J. Běťák, det. J. Běťák
Tomentella ferruginea (Pers.) Pat., 20, herb. Běťák 16/443, 15.9.2016, leg. J. Běťák, det. J. Běťák
Tomentella galzinii Bourdot, 18, herb. Běťák 16/416, 14.9.2016, leg. J. Běťák, det. J. Běťák
Tomentella galzinii Bourdot, 32, herb. PRM: JH250/2016, herb. PRM: JH252/2016, 16.9.2016, leg. J. Holec, det. Z. Pouzar
Tomentella pilosa (Burt) Bourdot & Galzin, 15, herb. PRM: coll. MK, 14.9.2016, leg. M. Kříž, det. M. Kříž
Tomentella pilosa (Burt) Bourdot & Galzin, 16, herb. PRM: JH167/2016, 14.9.2016, leg. J. Holec, det. J. Holec
Tomentella stiposa (Link) Stalpers, 11, herb. PRM: JH117/2016, 13.9.2016, leg. J. Holec, det. J. Holec
Tomentella stiposa (Link) Stalpers, 19, herb. Běťák 16/397, 14.9.2016, leg. J. Běťák, det. J. Běťák
Tomentella sublilacina (Ellis & Holw.) Wakef., 1, herb. Běťák 16/320, 12.9.2016, leg. J. Běťák, det. J. Běťák

Tomentella sublilacina (Ellis & Holw.) Wakef., 4, herb. Běťák 16/332, 12.9.2016, leg. J. Běťák, det. J. Běťák
Tomentella sublilacina (Ellis & Holw.) Wakef., 13, herb. PRM: JH129/2016, 13.9.2016, leg. J. Holec, det. J. Holec
Tomentella sublilacina (Ellis & Holw.) Wakef., 18, herb. Běťák 16/414, 14.9.2016, leg. J. Běťák, det. J. Běťák
Tomentella sublilacina (Ellis & Holw.) Wakef., 20, herb. Běťák 16/442, herb. Běťák 16/445, 15.9.2016, leg. J. Běťák, det. J. Běťák
Tomentella sublilacina (Ellis & Holw.) Wakef., 29, herb. Běťák 16/457, 15.9.2016, leg. J. Běťák, det. J. Běťák
Tomentella sublilacina (Ellis & Holw.) Wakef., 30, herb. PRM: coll. MK, 16.9.2016, leg. M. Kříž, det. M. Kříž
Tomentella viridula Bourdot & Galzin, 10, herb. PRM: JH111/2016, 13.9.2016, leg. J. Holec, det. J. Holec
Trechispora araneosa (Höhn. & Litsch.) K.H. Larss., 14, herb. PRM: coll. MK, 14.9.2016, leg. M. Kříž, det. Z. Pouzar
Trechispora araneosa (Höhn. & Litsch.) K.H. Larss., 25, herb. PRM: JH229/2016, 15.9.2016, leg. J. Holec, det. Z. Pouzar
Trechispora farinacea (Pers.) Libert, 1, herb. Běťák 16/319, 12.9.2016, leg. J. Běťák, det. J. Běťák
Trechispora farinacea (Pers.) Libert, 2, herb. Běťák 16/329, 12.9.2016, leg. J. Běťák, det. J. Běťák
Trechispora farinacea (Pers.) Libert, 15, herb. PRM: JH153/2016, 14.9.2016, leg. J. Holec, det. Z. Pouzar
Trechispora farinacea (Pers.) Libert, 32, herb. PRM: JH251/2016, 16.9.2016, leg. J. Holec, det. Z. Pouzar
Trechispora hymenocystis (Berk. & Broome) K.H. Larss., 1, herb. Běťák 16/322, 12.9.2016, leg. J. Běťák, det. P. Vampola
Trechispora hymenocystis (Berk. & Broome) K.H. Larss., 4, herb. Běťák 16/329, herb. Běťák 16/333, 12.9.2016, leg. J. Běťák, det. P. Vampola
Trechispora hymenocystis (Berk. & Broome) K.H. Larss., 4, herb. BRNU: BW4-8, 12.9.2016, leg. D. Dvořák, det. P. Vampola
Trechispora hymenocystis (Berk. & Broome) K.H. Larss., 8, herb. Běťák 16/383, 13.9.2016, leg. J. Běťák, det. P. Vampola
Trechispora hymenocystis (Berk. & Broome) K.H. Larss., 16, herb. PRM: JH176/2016, 14.9.2016, leg. J. Holec, det. P. Vampola
Trechispora hymenocystis (Berk. & Broome) K.H. Larss., 32, herb. PRM: JH255/2016, 16.9.2016, leg. J. Holec, det. P. Vampola
Trechispora nivea (Pers.) K.H. Larss., 2, herb. Běťák 16/328, 12.9.2016, leg. J. Běťák, det. J. Běťák
Trechispora nivea (Pers.) K.H. Larss., 4, herb. Běťák 16/327, 12.9.2016, leg. J. Běťák, det. J. Běťák
Trechispora nivea (Pers.) K.H. Larss., 16, herb. PRM: JH171/2016, 14.9.2016, leg. J. Holec, det. Z. Pouzar
Trechispora nivea (Pers.) K.H. Larss., 18, herb. Běťák 16/419, 14.9.2016, leg. J. Běťák, det. J. Běťák
Trechispora stevensonii (Berk. & Broome) K.H. Larss., 5, herb. Běťák 16/363, 13.9.2016, leg. J. Běťák, det. J. Běťák
Trechispora stevensonii (Berk. & Broome) K.H. Larss., 14, herb. PRM: JH184/2016, 14.9.2016, leg. J. Holec, det. Z. Pouzar
Vararia ochroleuca (Bourdot & Galzin) Donk, 17, herb. BRNU: BW17-9, photo, 14.9.2016, leg. D. Dvořák, det. D. Dvořák
Vararia ochroleuca (Bourdot & Galzin) Donk, 19, herb. Běťák 16/404, photo, 14.9.2016, leg. J. Běťák, det. J. Běťák
Xylaria longipes Nitschke, 15, herb. PRM: JH152/2016, 14.9.2016, leg. J. Holec, det. J. Holec

F. Vegetation data.

Plant species recorded in vegetation samples and their shortened names (in brackets), frequency (presence in 32 samples, related to the 32 oak trunks studied) and minimal and maximal abundance-cover values (in brackets) using the nine-degree Braun-Blanquet ordinal scale of cover-abundance values: 1 (rare), 2 (less than 1% cover), 3 (1–3%), 4 (4–5%), 5 (6–15%), 6 (16–25%), 7 (26–50%), 8 (51–75%), 9 (76–100%). Species present outside of vegetation samples but near their boundary have the value 0.5. Plant nomenclature follows Euro+Med (on-line).

Tree layer (E₃): *Carpinus betulus* (3CarBet): 32 (4,8); *Quercus robur* (3QueRob): 26 (3,8); *Tilia cordata* (3Tilia): 25 (3,7); *Picea abies* (3PicAbi): 23 (1,7); *Pinus sylvestris* (3PinSyl): 4 (1,6); *Populus tremula* (3PopTre): 4 (4,7); *Acer platanoides* (3AcePla): 2 (1,4); *Betula pendula* (3Betula): 1 (1); *Fraxinus excelsior* (3FraExc): 1 (4); *Ulmus laevis* (3Ulmus): 1 (4). **Shrub layer (E₂):** *Carpinus betulus* (2CarBet): 30 (1,7); *Tilia cordata* (2Tilia): 18 (1,5); *Corylus avellana* (2CorAve): 15 (1,5); *Acer platanoides* (2AcePla): 5 (1,1); *Euonymus europaea* et *E. verrucosa* (2EuoEur): 5 (0.5,2); *Ulmus* sp. (2Ulmus): 5 (1,2); *Picea abies* (2PicAbi): 2 (1,1); *Sambucus racemosa* (2SamRac): 2 (1,1); *Sorbus aucuparia* (2SorAuc): 2 (1,3). **Herb layer (E₁):** *Acer platanoides* (1AcePla): 28 (1,3); *Quercus robur* (1QueRob): 24 (0.5,2); *Carpinus betulus* (1CarBet): 20 (1,4); *Fraxinus excelsior* (1FraExc): 9 (1,1); *Tilia cordata* (1Tilia): 9 (1,1); *Populus tremula* (1PopTre): 8 (0.5,2); *Sorbus aucuparia* (1SorAuc): 7 (0.5,1); *Ulmus* sp. (1Ulmus): 7 (1,1); *Picea abies* (1PicAbi): 6 (1,1); *Oxalis acetosella* (OxaAce): 31 (2,6); *Dryopteris dilatata* (DryDil): 30 (0.5,3); *Milium effusum* (MilEff): 29 (0.5,3); *Stellaria holostea* (SteHol): 29 (1,5); *Maianthemum bifolium* (MaiBif): 28 (0.5,3); *Viola riviniana* et *V. reichenbachiana* (VioRiv): 27 (0.5,4); *Athyrium filix-femina* (AthFil): 23 (0.5,3); *Galium odoratum* (GalOdo): 23 (1,6); *Lamium galeobdolon* (LamGal): 23 (0.5,7); *Urtica dioica* (UrtDio): 23 (0.5,5); *Moehringia trinervia* (MoeTri): 22 (0.5,2); *Geranium robertianum* (GerRob): 21 (1,5); *Rubus idaeus* (RubIda): 21 (0.5,3); *Mycelis muralis* (MycMur): 18 (0.5,2); *Carex pilulifera* (CarPilu): 16 (0.5,2); *Hepatica nobilis* (HepNob): 16 (0.5,4); *Calamagrostis arundinacea* (CalAru): 15 (0.5,7); *Stellaria nemorum* (SteNem): 15 (1,7); *Carex remota* (CarRem): 14 (0.5,4); *Galeopsis bifida* (GalBif): 14 (0.5,2); *Sanicula europaea* (SanEur): 14 (0.5,1); *Aegopodium podagraria* (AeoPod): 13 (0.5,4); *Ajuga reptans* (AjuRep): 13 (0.5,2); *Cardamine impatiens* (CarImp): 12 (0.5,2); *Gymnocarpium dryopteris* (GymDry): 12 (0.5,4); *Anemone nemorosa* (AneNem): 11 (0.5,1); *Dryopteris filix-mas* (DryFil): 9 (1,1); *Brachypodium sylvaticum* (BraSyl): 8 (0.5,1); *Deschampsia caespitosa* (DesCes): 8 (0.5,6); *Equisetum pratense* et *E. sylvaticum* (EqSyl): 8 (0.5,3); *Festuca gigantea* (FesGig): 8 (1,3); *Lathyrus vernus* (LatVer): 8 (0.5,1); *Luzula pilosa* (LuzPil): 8 (0.5,1); *Polygonatum multiflorum* (PolMul): 8 (0.5,1); *Asarum europaeum* (AsaEur): 7 (0.5,2); *Circaea alpina* (CirAlp): 7 (0.5,2); *Circaea lutetiana* (CirLut): 7 (0.5,3); *Paris quadrifolia* (ParQua): 7 (0.5,1); *Carex pilosa* (CarPil): 6 (0.5,6); *Carex sylvatica* (CarSyl): 6 (0.5,1); *Dactylis glomerata* subsp. *lobata* (DacPol): 6 (0.5,4); *Glechoma hederacea* (GleHed): 6 (1,4); *Chrysosplenium alternifolium* (ChrAlt): 5 (0.5,5); *Convallaria majalis* (ConMaj): 5 (0.5,1); *Daphne mezereum* (DapMez): 5 (1,2); *Pteridium aquilinum* (PteAqu): 5 (0.5,2); *Ranunculus cassubicus* (RanCas): 5 (1,2); *Melica nutans* (MelNut): 4 (0.5,1); *Alliaria petiolata* (AllPet): 3 (1,2); *Geum urbanum* (GeuUrb): 3 (0.5,1); *Lysimachia vulgaris* (LysVul): 3 (0.5,0.5); *Pulmonaria officinalis* (PulOff): 3 (0.5,1); *Ranunculus lanuginosus* (RanLan): 3 (1,2); *Ranunculus repens* (RanRep): 3 (1,3); *Stachys sylvatica* (StaSyl): 3 (0.5,1); *Vaccinium myrtillus* (VacMyr): 3 (0.5,0.5); *Carex brizoides* (CarBri): 2 (1,4); *Galium rotundifolium* (GalRot): 2 (1,1); *Mercurialis perennis* (MerPer): 2 (0.5,1); *Persicaria* sp. (Persic): 2 (0.5,1); *Elymus caninus* (RoeCan): 2 (0.5,1). **Singletons:** *Dentaria* sp. 0.5; *Avenella flexuosa* 0.5; *Fragaria vesca* 0.5; *Juncus effusus* 1; *Melampyrum nemorosum* 0.5; *Myosoton aquaticum* 2; *Poa nemoralis* 0.5; *Scrophularia nodosa* 0.5; *Taraxacum* sect. *Taraxacum* 0.5; *Trientalis europaea* 0.5; *Viola mirabilis* 0.5.

Reference

Euro+Med (on-line): Euro+Med PlantBase – the information resource for Euro-Mediterranean plant diversity. – <http://ww2.bgbm.org/EuroPlusMed/> [accessed 7 March 2019]

G. Statistical modelling.

Collinearity was detected in separate groups of predictors, therefore we used both forward selection and backward elimination of variables considering also second-degree polynomials and interactions (if significant) to construct the models. First, we checked for collinearity in separate predictors by computing a Pearson pair-wise correlation matrix and using PCA ordination with centering and standardisation of explanatory variables. Then we computed the **null** model (with just one parameter, the mean of response) and tested all single predictors to ascertain their relative importance. We included significant terms and explored their partial effect influencing species richness models using the stepwise forward selection procedure (Legendre & Legendre 2012: 562). The effect of adding or removing individual terms, their polynomials and interactions was continuously assessed by changes in explained deviance using *Akaike Information Criterion* values (*AIC*; Venables & Ripley 2003). Because this progress is order-dependent we carefully built an **optimised** model. Alternatively, a **maximal** model (all significant predictors with interactions and covariates of interest) and a **minimal** (adequate) model were computed using the backward elimination procedure of simplification by removing the non-significant and least significant terms (for model simplification strategy, see Crawley 2013: 391–395). Analysis of deviance (adjusted R^2) and reduction of *AIC* were used in each step of model selection to decide if adding/dropping a variable or interaction term provides a better model. The minimal adequate model could be more parsimonious compared to the optimised one (Occam's razor: *the correct explanation is the simplest explanation*, see the principles of model parsimony in Crawley 1993: 46), because some predictors may finally contribute little after inclusion/exclusion of some other variables. Selected terms were controlled for overdispersion (t-values were divided by the square root of the dispersal parameter; Faraway 2016). Due to the non-linear response of residuals and the complex effect of trunk parameters, we tried to improve the systematic part of GLM models by optimising the non-parametric smooth term's complexity using additive modelling (GAM, library mgcv; Wood 2017).

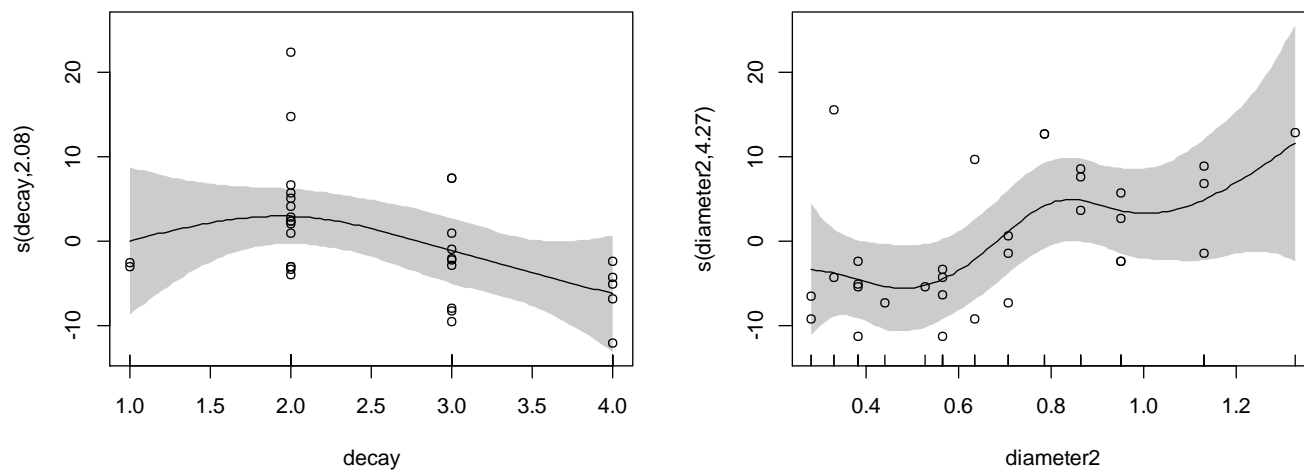
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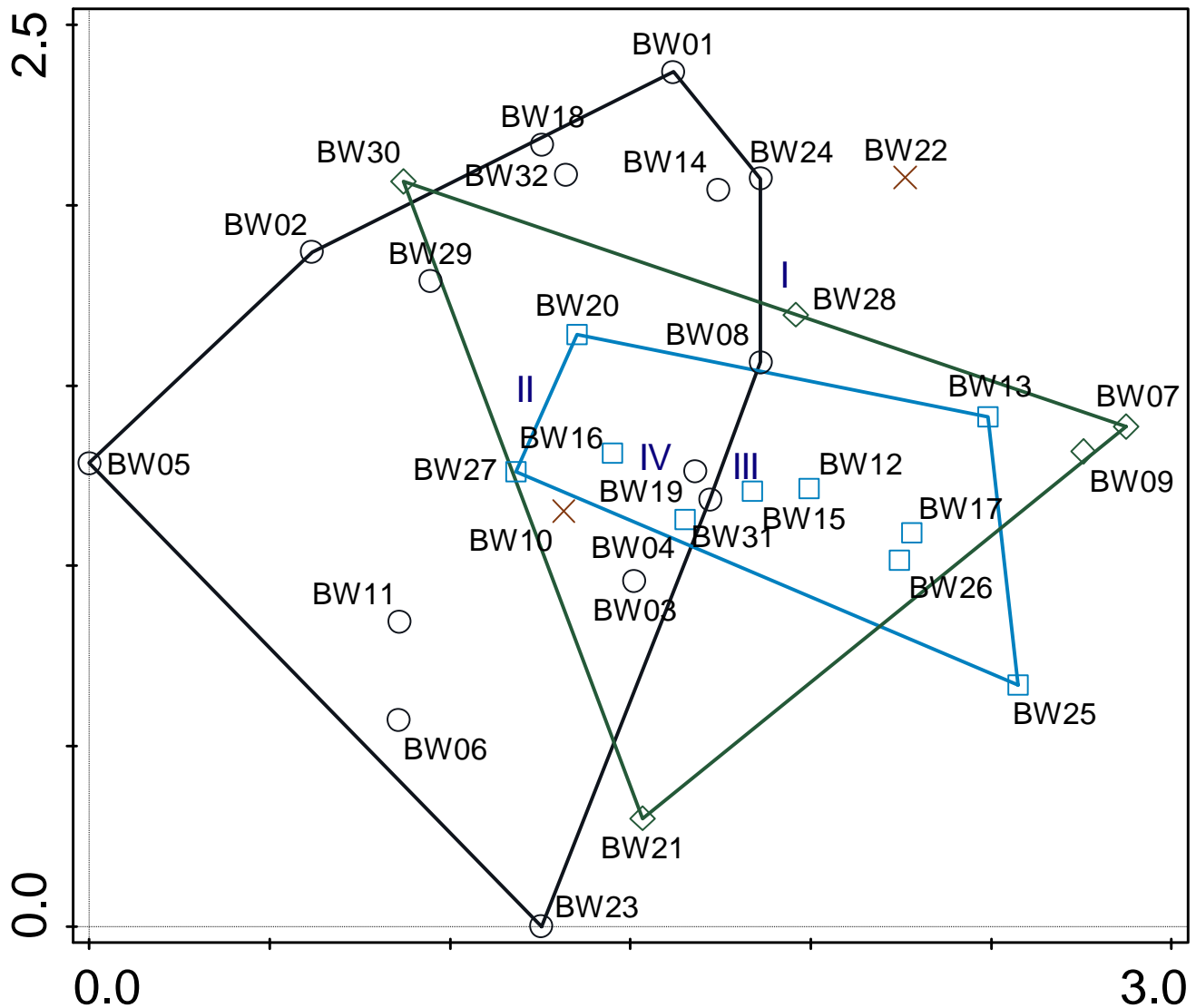
H. Multiple-regression models (GLM, GAM) focused on species richness of fungi recorded on 32 trunks. Comparison with null model (Null) contains all significant predictors. Abbreviations: **gaussian** – Gaussian distribution; **poisson** – Poisson distribution; **Estim** followed by SE – estimated coefficient \pm standard error; **d.f.** – residual degrees of freedom; **Dev** – deviance; **%** – proportion of deviance explained by the fitted model; **FAe** – folded aspect eastern; **HL** – heat load; **ResD** – residual deviance; **AIC** – *Akaike Information Criterion* value; * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$; **s** – spline smoother. Marks + and – indicate positive/negative effects of environmental variables on response (plants, fungi), respectively. Interaction between variables is marked by ‘:’.

| Model GLM | Terms for fungal richness | Estim | d.f. | Dev | % | Res D | AIC |
|---------------------------------|---|-------|------|-------|------|-------|-------|
| Null (gaussian) | ~+1 | 19.53 | 31 | 2048 | | | 227.9 |
| Null (poisson) | ~+1 | 2.97 | 31 | 110.1 | | | 263.1 |
| optimised | ~ + 3.78 diameter2*** + 0.06 length* – 0.25 HL*** – 0.26 decay*** + 1.18 mosses*** – 1.75 shrub** – 0.1 diameter2:length*** | 1.34 | 24 | 110.1 | 71.3 | 31.6 | 198.6 |
| minimal | ~ +2.99 diameter2*** +0.09 length*** – 0.28 HL*** – 0.1 diameter2:length*** | 0.88 | 27 | 110.1 | 53.9 | 50.8 | 211.8 |
| maximal | ~ + 5.22 diameter2*** – 0.28 HL*** + 1.82 volume** + 0.74 length** – 0.61 surface** + 0.9 mosses** – 2.1 shrub** – 0.14 decay – 0.47 diameter2:volume** | 0.27 | 22 | 110.1 | 79.5 | 22.6 | 193.6 |
| GAM | ~ +0.75 mosses* – 0.18 HL* +s(decay)** +s(diameter2)*** | 2.84 | 24.7 | | 66.5 | | 204.9 |
| Terms for plant richness | | | | | | | |
| Null (poisson) | ~ +1 | 3.25 | 31 | 47.6 | | | 211.6 |
| GLM optimised | ~ +0.18 FAe*** + 0.01 volume* | 2.74 | 29 | 47.6 | 39.1 | 29.0 | 197.0 |
| maximal | ~ + 0.18 FAe** + 0.32 decay +0.05 length* +1.05 shrub* – 0.01 decay:length* | 1.44 | 26 | 47.6 | 49.2 | 24.2 | 198.2 |

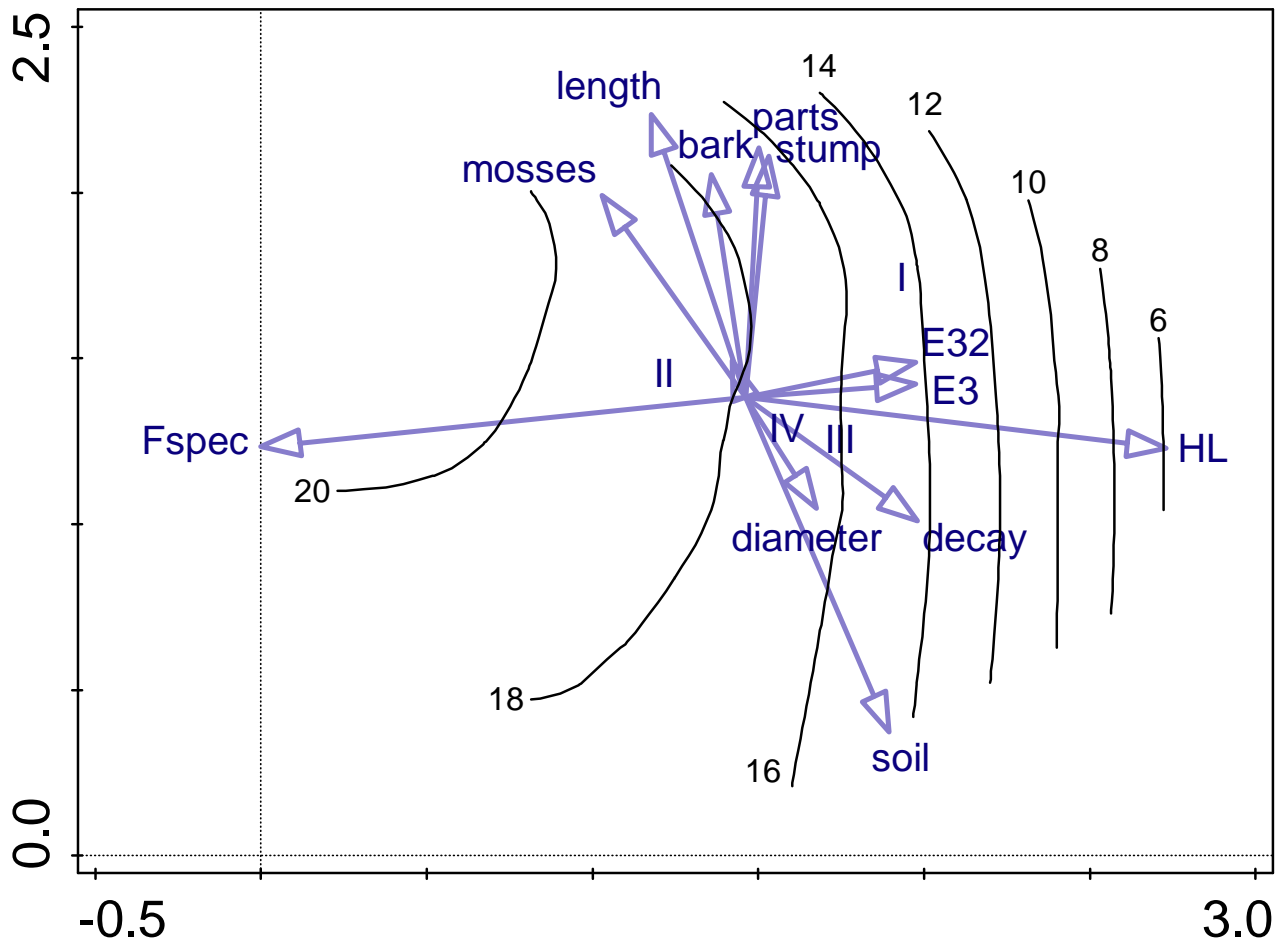
I. Estimation smooth for species richness predicted by decay and diameter2 (circle area of DBH). The vertical axis shows the transformation functions for the GAM model (Electronic supplement H). Partial residuals (circles) and approximate 95% pointwise confidence bands (in grey) are shown.



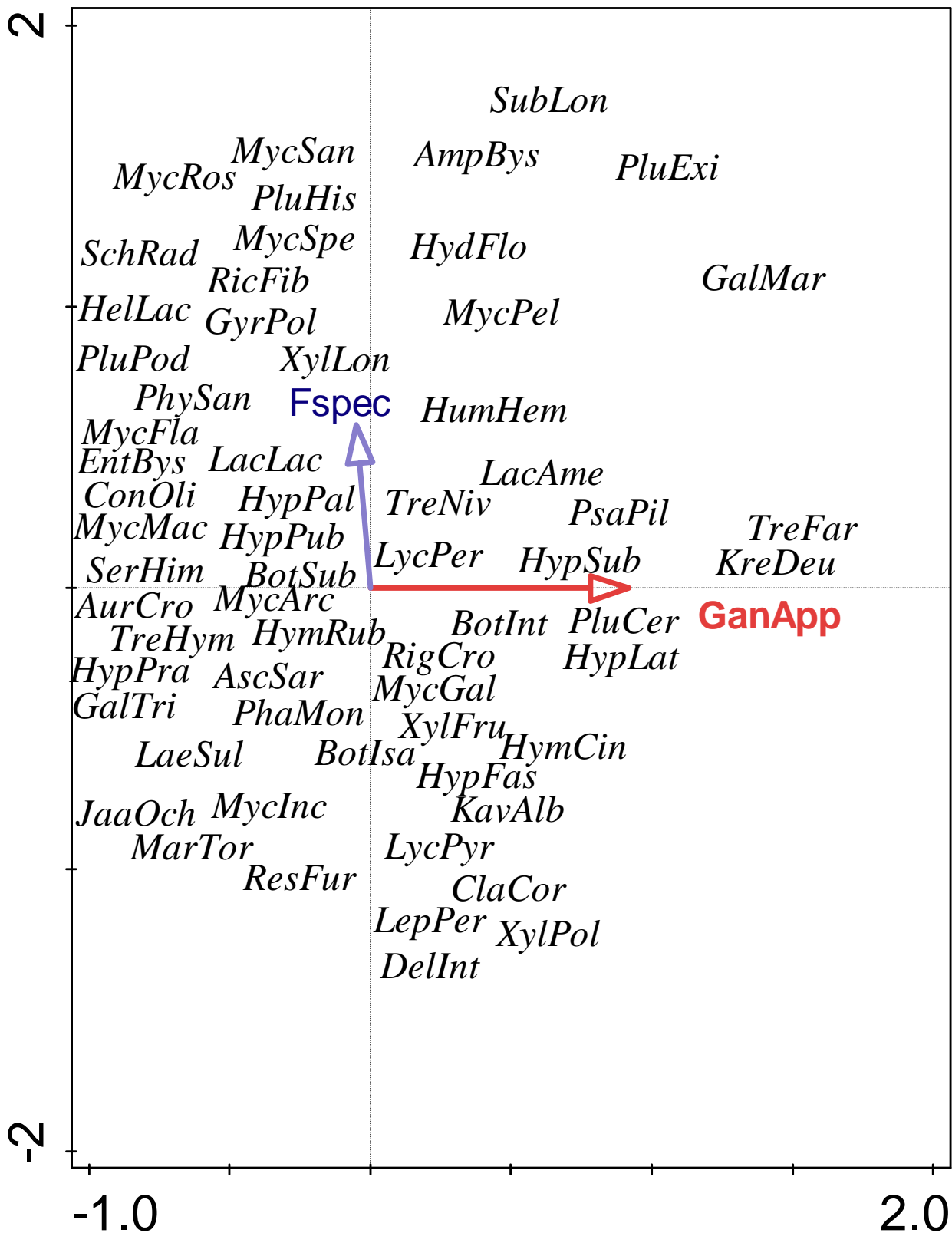
J. Ordination biplot (DCA) of centroid positions of fungal samples from the studied trunks (BW01–BW32) in area defined by fungal species pattern. No systematical spatial autocorrelation between trunks is shown. Centroids of particular decay stages (I–IV) are passively projected. Fungal samples based on species composition of the studied trunks (BW01–BW32) were classified according to decay stage of particular trunks (for more information, see also Electronic supplement L). Trunks of the same decay stage are bordered by lines (II: in **black**, III: in **green**, IV: in **blue**). Decay stages of individual trunks: × – I, ○ – II, □ – III, ◇ – IV.



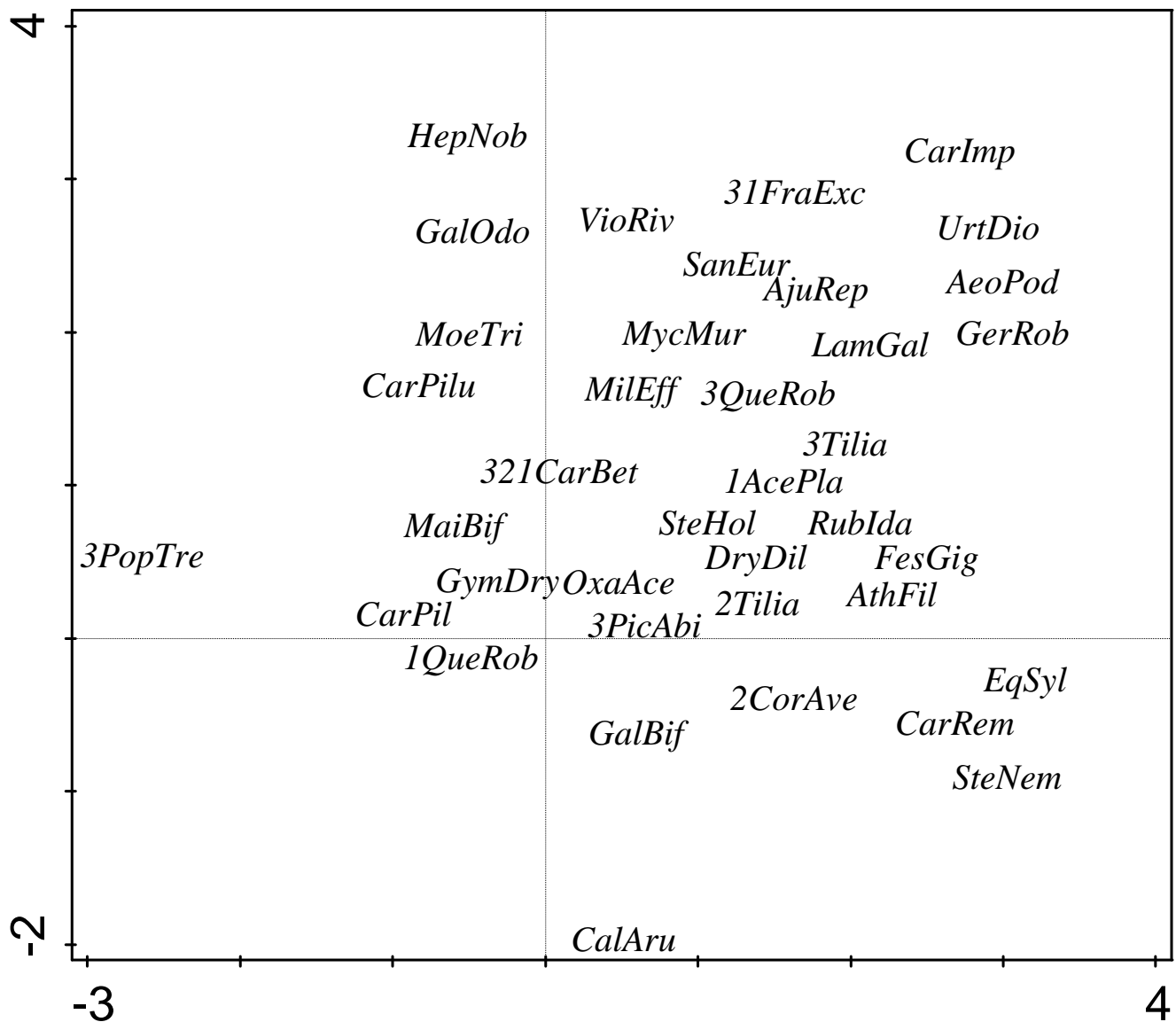
K. Ordination biplot (DCA) of passively projected trunk characteristics with isolines showing gradient of frequent species number. The total species richness (Fspec: number of fungi per trunk including rare species) decreases along the first ordinal axis (X). Environmental characteristics not favourable for fungi are situated in the opposite direction (with higher tree and shrub cover and high gap heat load index). The second axis (Y) covers trunk parameters. Both first and second axes explain 15% of species variation.



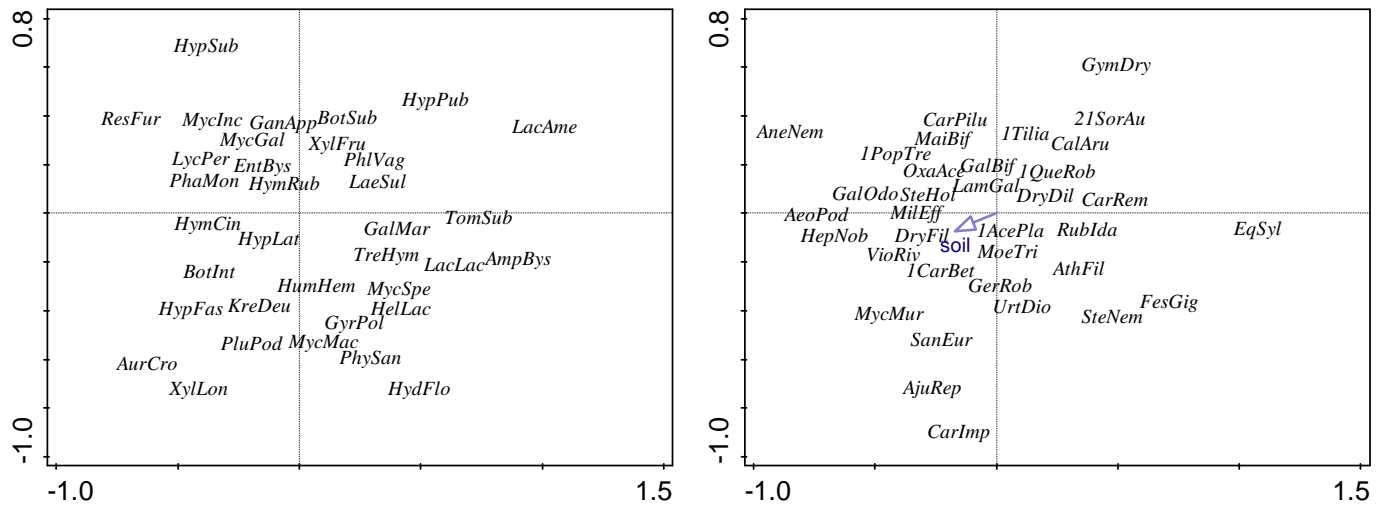
L. First two axes of CCA biplot of fungi present together with the dominant species *Ganoderma applanatum* (which explains 4.6% of species variance, $p = 0.01$). Fspec is a passively projected vector of total species richness including rare species. For full names of fungi, see Electronic supplement D.



M. Ordination biplot (DCA) of centroid positions of plants surrounding studied trunks. Forty species with higher fit are projected. Both first and second axes explain 21% of species variation, where species reflect moisture conditions along the first axis (X) and oligotrophic (down) to eutrophic (up) soils on the second one (Y). For full names of plants, see Electronic supplement F. Numbers before names of trees indicate vegetation layer(s) of tree species.

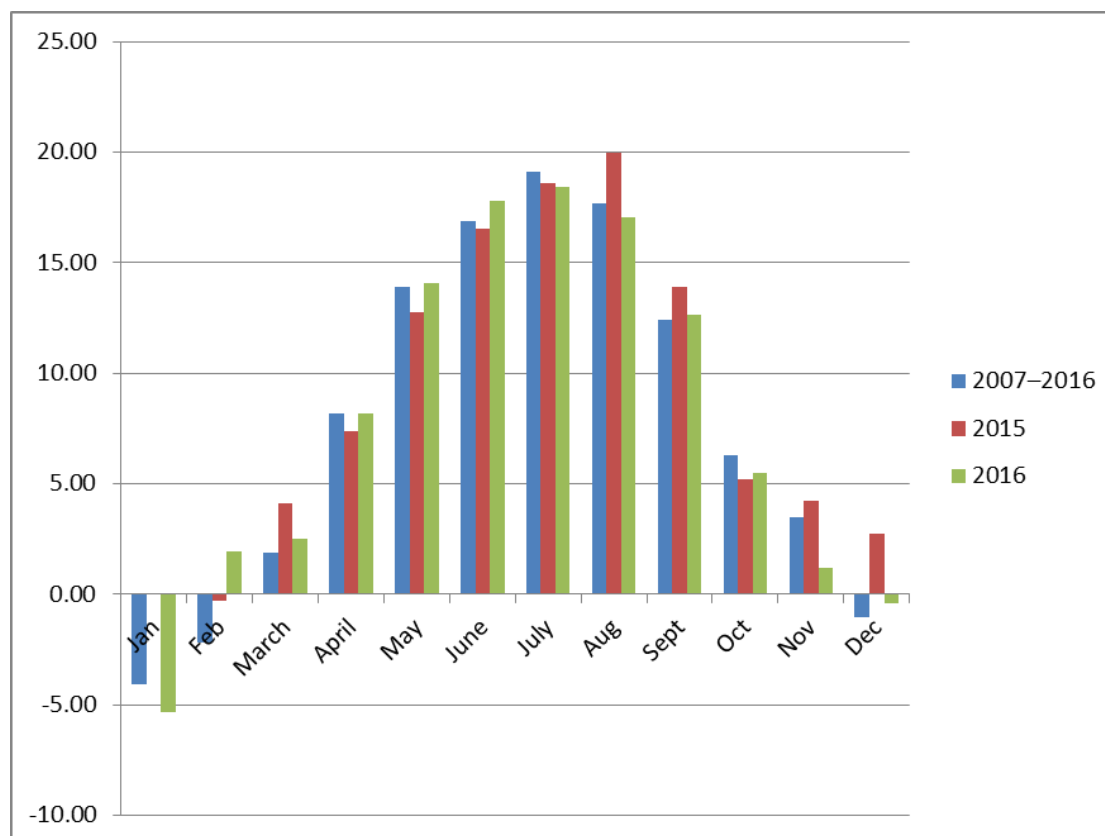


N. Dual biplot diagram based on symmetric co-correspondence analysis (CoCA). It shows the first two axes maximising covariance between the case scores computed for fungi (left) and plants (right). Thirty species with the highest average abundance are projected. The trunk parameter ‘contact with the soil’ (marked as soil) is passively projected into the right subplot. Cross-correlation between the first CoCA axes (X) is 0.90, between the second axes (Y) 0.87.

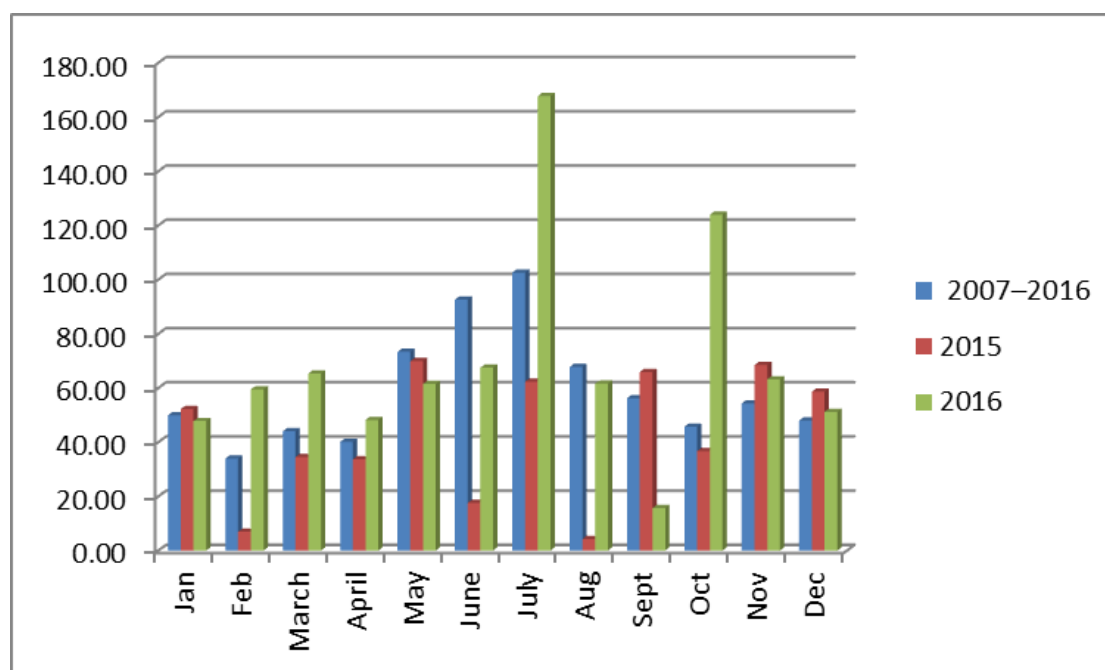


O. Basic meteorological data for the Białowieża Forest measured by meteorological station in the village of Białowieża (centre of the Palace Park of Białowieża National Park).
Data were collected by the Institute of Meteorology and Water Management (<http://www.imgw.pl>) and retrieved from web page https://dane.imgw.pl/data/dane_pomiarowo_obserwacyjne/.

| | 1949–1983 | 1986–2007 | 2008–2016 |
|---------------------------|-----------|-----------|-----------|
| temperature (°C) | 6.8 | 7.1 | 7.71 |
| precipitation (mm) | 641 | 606 | 708 |



Mean monthly temperature (°C).



Monthly precipitation (mm).