

List of fungi (ascomycetes, basidiomycetes, myxomycetes and phytoparasitic fungi) recorded in the Bol'šoj Tjač area between the so called »Devils gate« (Ačešbok) and the village of Novoprohladnoe by Volker Kummer

The list contains all the identified fungi collections of the excursion in 1998. In it were also included some records published by OTTO (2001) and few unpublished data of fungi mainly collected by V. Otte after 1998. Unless other information is given, all the fungal collections and their determination were done by the author. Most of the collections are integrated as *exsiccata* in the fungarium of the author.

Abbreviations: leg.: legit, det.: determined, conf.: confer, rev.: revised, AH = Anton Hausknecht, DB = Dieter Benkert, EP = Erast Parmasto, FD = Frank Dämmrich, HB = Herbert Boyle, HM = Heidi Marx, JF = Jacques Fournier, LF = Leo Flatau, MS = Marc Stadler, O2001 = OTTE (2001), OPC = V. Otte, pers. comm., PS = Peter Schirmer, RA = Reinhold Agerer, RK = Rüdiger Kaspar, VO = Volker Otte, WN = Wolfgang Nowotny

Tab. A1: Ascomycetes (macromycetes)

Annulohyphoxylon cohaerens (Pers.) Y. M. Ju,
J. D. Rogers & H. M. Hsieh (rev. JF & MS)
Annulohyphoxylon multiforme (Fr.) Y. M. Ju,
J. D. Rogers & H. M. Hsieh
Biscogniauxia nummularia (Bull.) Kuntze
Biscogniauxia repanda (Fr.) Kuntze
Cenangium ferruginosum Fr.
Claviceps purpurea (Fr.) Tul.
(only sclerotia on different Poaceae species)
Crociocreas coronatum (Bull.) S. E. Carp.
Daldinia petriniae Y. M. Ju, J. D. Rogers &
F. San Martin (rev. MS)
Diatrype disciformis (Hoffm.) Fr.
Diatrypella favacea (Fr.) Ces. & De Not.
Diatrypella verruciformis (Ehrh.) Nitschke
Eutypa spinosa (Pers.) Tul. & C. Tul.
Eutypella sorbi (Alb. & Schwein.) Sacc.
Humaria hemisphaerica
(F. H. Wigg.) Fuckel (O2001)
Hymenoscyphus fructigenus
(Bull.) Fr. var. *coryli* (Feuilleaub.) Hengstm.
Hypocrea pulvinata Fuckel
Hypoxylon cercidicola (Berk. & M. A. Curtis ex
Peck) Y. M. Ju & J. D. Rogers (rev. JF & MS)
Hypoxylon liviae Granmo (rev.: JF)
Kretzschmaria deusta (Hoffm.) P. M. D. Martin
Leptosphaeria acuta (Moug. & Nestl.) P. Karst.
Lophodermium cf. culmigenum (Fr.) P. Karst.
Octospora leucoloma (Hedw.) Korf (O2001)
Octospora wrightii
(Berk. & M. A. Curtis) J. Moravec (O2001)
Ophiostoma polyporicola Constant. & Ryman
Peziza cf. depressa Pers. (O2001)
Pezoloma marchantiae (Sommerf.) Benkert

Polydesmia pruinosa
(Gerd. ex Berk. & Broome) Boud.
Pseudorhizina sphaerospora (Peck) Pouzar
(leg. P. Gebauer et al., det. HB, OPC)
Pulvinula spec. (O2001)
Ramsbottomia macracantha (Boud.) Benkert &
T. Schumach. (det. DB, BENKERT 2005)
Rhytisma acerinum (Pers.) Fr.
Rhytisma salicinum (Pers.) Fr.
Sarcosphaera coronaria (Jacq.) J. Schröt.
(leg. & det. VO, conf. HB, OPC)
Scutellinia cf. kerguelensis
(Berk.) Kuntze (O2001)
Scutellinia subhirtella Svrček* (O2001)
Scutellinia trechispora
(Berk. & Broome) Lambotte (O2001)
Symphosirinia angelicae E. A. Ellis
Xylaria hypoxylon (L.) Grev.
Xylaria longipes Nitschke
Xylaria polymorpha (Pers.) Grev.

* OTTE (2001) already noticed the taxon
Scutellinia subhirtella (Cash) S. C. Kaushal. with
a question mark (?). This name is probably based
on an incorrect combination with the authors'
names of the closely related *S. ahmadii* (Cash) S.
C. Kaushal (see BENKERT & KRIEGLSTEINER
2004)

Tab. A2: Basidiomycetes (macromycetes)

Armillaria mellea agg.
Auricularia auricula-judae (Fr.) Quéf.
Auricularia mesenterica (Dickson) Pers.
Auriporia aurulenta
A. David, Tortič & Jelič (conf. RK)
Bjerkandera adusta (Willd.) P. Karst.

- Bondarzewia montana* (Quél.) Singer
Bovista nigrescens Pers.
Calocera furcata (Fr.) Sacc.
Clavulina coralloides (L.) J. Schröt.
Clitocybe nebularis (Batsch) Quél.
Collybia cookei (Bres.) J. D. Arnold
Cyathus striatus (Huds.) Willd.
Dacrymyces stillatus Nees
Daedaleopsis confragosa (Bolton) J. Schröt.
Daedaleopsis confragosa (Bolton) J. Schröt.
 var. *tricolor* (Bull.) Bondartsev (conf. FD)
Dendrothele acerina
 (Pers.) P. A. Lemke (z.T. leg. VO)
Diplomitoporus flavescens (Bres.) Domański
Flagelloscypha pilatii Agerer (conf. RA)
Fomes fomentarius (L.) J. J. Kickx
Fomitopsis pinicola (Sw.) P. Karst.
Galerina clavata (Velen.) Kühner (rev. AH)
Galerina marginata (Batsch) Kühner
Galerina vittaeformis agg. (rev. AH)
Ganoderma applanatum (Pers.) Pat.
Gastrum triplex Jungb.
 (leg. R. Berndt, det. HB, OPC)
Gloeophyllum sepiarium
 (Wulfen) P. Karst. (conf. RK)
Gloeophyllum trabeum (Pers.) Murrill (det. RK)
Gymnopilus cf. *penetrans* (Fr.) Murrill
Hymenochaete alpestre Pers.
Hymenochaete carpatica Pilát (conf. EP)
Hymenochaete cinnamomea
 (Pers.) Bres. (det. RK)
Hymenochaete cruenta (Pers.) Donk (conf. EP)
Hymenochaete fuliginosa (Pers.) Lév. (conf. EP)
Hypholoma capnoides (Fr.) P. Kumm.
Inonotus obliquus (Ach. ex Pers.) Pilát
Irpex lacteus (Fr.) Fr. (det. RK)
Ischnoderma resinoseum (Schrad.) P. Karst.
Laccaria amethystina Cooke
Lacrymaria lacrymabunda (Bull.) Pat.
Laetiporus sulphureus (Bull.) Murrill
Lenzites betulina (L.) Fr.
Lycoperdon pyriforme Schaeff.
Marasmius alliaceus (Jacq.) Fr.
Marasmius androsaceus (L.) Fr.
Marasmius cf. *rhododendrorum* Kalamécès
Merismodes spec.
Meruliopsis corium (Pers.) Ginns
Merulius tremellosus Schrad.
Mycena crocata (Schrad.) P. Kumm.
Mycena galericulata (Scop.) Gray
Mycena pterigena (Fr.) P. Kumm.
Naucoria escharoides (Fr.) P. Kumm.
Neolentinus adhaerens (Alb. & Schwein.)
 Redhead & Ginns
Oxyporus populinus (Schumach.) Donk
 (conf. RK)
Panellus stipticus (Bull.) P. Karst.
Pellidiscus pallidus (Berk. & Broome) Donk
Phellinus ferruginosus (Schrad.) Pat.
Phellinus hartigii (Allesch. & Schnabl) Pat.
 (conf. RK)
Phellinus pini (Brot.) Bondartsev & Singer
Pholiota limonella (Peck) Sacc.
Pholiota squarrosa (Weigel) P. Kumm.
Piptoporus betulinus (Bull.) P. Karst.
Pleurotus cornucopiae (Paulet) Rolland
Pleurotus dryinus (Pers.) P. Kumm.
Plicaturioopsis crispa (Pers.) D. A. Reid
Pluteus cervinus P. Kumm.
Polyporus brumalis (Pers.) Fr.
Polyporus varius (Pers.) Fr.
Postia tephroleucus (Fr.) Jülich
Schizophyllum commune Fr.
Sparassis crispa (Wulfen) Fr.
Stereum hirsutum (Willd.) Pers.
Stereum sanguinolentum (Alb. & Schwein.) Fr.
Stereum subtomentosum Pouzar
Thelephora terrestris Ehrh.
Tomentella stuposa (Link) Stalpers (det. FD)
Trametes hirsuta (Wulfen) Pilát
Trametes versicolor (L.) Lloyd
Trichaptum abietinum (Dicks.) Ryvarden
Trichaptum bifforme (Fr.) Ryvarden (det. RK)
Trichaptum fuscoviolaceum
 (Ehrenb.) Ryvarden (O2001)
Typhula erythropus (Pers.) Fr.
- Tab. A3: Myxomycetes**
- Arcyria* cf. *affinis* Rostaf.
Arcyria denudata (L.) Wettst.
Diderma umbilicatum Pers. (det.: HM, rev. LF)
Didymium difforme (Pers.) Gray
Enteridium lycoperdon (Bull.) M. L. Farr
Fuligo leviderma
 H. Neubert, Nowotny & K. Baumann
Fuligo septica (L.) F. H. Wigg.
 var. *flava* (Pers.) Morgan
Fuligo septica (L.) F. H. Wigg.
 var. *rufa* (Pers.) R. E. Fr.
Lamproderma sauteri Rostaf. (rev.: WN)
Lycogala epidendrum (J. C. Buxb. ex L.) Fr.
Metatrichia vesparium (Batsch) Nann.-Brem. ex
 G. W. Martin & Alexop.

Perichaena spec.
Physarum leucopus Link (det.: LF & PS)
Stemonitopsis typhina (F. H. Wigg.) Nann.-Brem.
 (det.: HM)
Trichia alpina (R. E. Fr.) Meyl. (rev.: HM)
Trichia varia (Pers.) Pers.

Tab. A4: Phytoparasitic fungi

Erysiphales

Blumeria graminis (DC.) Speer
 on *Poa trivialis* L.
Erysiphe biocellata Ehrenb.
 on *Lycopus europaeus* L.
Erysiphe circaeae L. Junell
 on *Circaea lutetiana* L.
Erysiphe cruciferarum Opiz ex L. Junell
 on *Hesperis* spec.
Erysiphe knautiae Duby on *Knautia* spec.
Erysiphe ranunculi Grev. on *Aconitum* spec.
Erysiphe trifolii Grev.*
 on *Trifolium hybridum* L.
Golovinomyces cynoglossi
 (Wallr.) V. P. Gelyuta on *Cerinth* spec.
 and *Symphytum asperum* Lepech.
Golovinomyces sordidus (L. Junell) V. P. Gelyuta
 on *Plantago major* L.
Neoerysiphe galeopsidis (DC.) U. Braun
 on *Galeopsis* spec. and *Lamium album* L.
Neoerysiphe galii (S. Blumer) U. Braun
 on *Galium odoratum* L.
Podosphaera aphanis (Wallr.) U. Braun &
 S. Takam. on *Alchemilla* spec.
Podosphaera balsaminae
 (Kari ex U. Braun) U. Braun & S. Takam.
 on *Impatiens noli-tangere* L.
Podosphaera dipsacearum (Tul. & C. Tul.)
 U. Braun & S. Takam. on *Cephalaria* spec.
Sawadaea bicornis (Wallr.) Homma
 on *Acer trautvetteri* Medwedev

Uredinales

Coleosporium campanulae (Pers.) Lév.
 on *Campanula* spec.
Coleosporium telekiae Thüm.
 on *Telekia speciosa* (Schreb.) Baumg.
Coleosporium tussilaginis (Pers.) Berk. em.
 U. Braun s. l. on *Petasites* spec.

Gymnosporangium amelanchieris E. Fisch.
 ex F. Kern s. l. on *Sorbus aucuparia* L.
Melampsora cf. *epitea* Thüm. s. l. on *Salix* spec.
Melampsorium betulinum (Fr.) Kleb.
 on *Betula* spec.
Naohidemyces vaccinii (G. Winter) S. Sato,
 Katsuya & Y. Hirats.
 on *Vaccinium myrtillus* L.
Phragmidium rubi-idaei (DC.) P. Karst.
 on *Rubus idaeus* L.
Phragmidium tuberculatum Jul. Müll.
 on *Rosa* spec.
Puccinia arenariae (Schumach.) J. Schröt.
 on *Myosoton aquaticum* (L.) Moench
Puccinia brachypodii G. H. Othl
 on *Brachypodium sylvaticum* P. Beauv.
Puccinia chaerophylli Purton em. U. Braun s. l.
 on *Chaerophyllum* cf. *aureum* L.
Puccinia circaeae Pers. on *Circaea lutetiana* L.
Puccinia gentianae (F. Strauss) Röhl.
 on *Gentiana septemfida* Pall.
Puccinia hieracii (Röhl.) H. Mart. var. *hieracii*
 on *Hieracium* spec.
Puccinia lapsanae Fuckel
 on *Lapsana grandiflora* M. Bieb.
Puccinia menthae Pers. on *Mentha* spec.
Puccinia cf. *petasiti-pendulae* Gäum.
 on *Carex pendula* Huds.
Puccinia cf. *poae-nemoralis* G. H. Othl
 on *Poa nemoralis* L.
Puccinia punctata Link on *Cruciata* spec.
Puccinia ribis DC.
 on *Ribes biebersteinii* Berland. ex DC.
Thekopsora goeppertiana (J. G. Kühn) Hirats. f.
 on *Abies nordmanniana* (Steven) Spach
Thekopsora guttata (J. Schröd) Syd. & P. Syd.
 on *Galium* spec.
Trachyspora intrusa (Grev.) Arthur
 on *Alchemilla* spec.
Uromyces dactylidis G. H. Othl
 on *Dactylis glomerata* L.
Uromyces lycoctoni (Kalchbr.) Trotter
 on *Aconitum* cf. *nasutum* Rehb.
Uromyces trifolii-repentis Liro**
 on *Trifolium hybridum* L.
 * Double infection with
Uromyces trifolii-repentis Liro
 ** Double infection with *Erysiphe trifolii* Grev.

List of Orthoptera species recorded between the village of Novoprohladnoe and the Bol'shoj Thač summit by Ingmar Landeck

Phaneropteridae

- Isophya gracilis* Miram, 1938
Isophya sp.
Phaneroptera sp.
Poecilimon scythicus Shchelkanovtsev, 1911

Conocephalidae

- Conocephalus discolor* Thunberg, 1815
Conocephalus dorsalis (Latreille, 1804)

Tettigoniidae

- Metrioptera bicolor* (Philippi, 1830)
Metrioptera roeselii (Hagenbach, 1822)
Pholidoptera griseoptera (De Geer, 1773)
Pholidoptera pustulipes
 (Fischer v. Waldheim, 1846)
Saga pedo (Pallas, 1771)
Tettigonia cantans (Fuessli, 1775)
Tettigonia caudata (Charpentier, 1845)
Tettigonia viridissima Linnaeus, 1758

Gryllidae

- Gryllus campestris* Linnaeus, 1758
Modicogryllus frontalis (Fieber, 1844)
Pteronemobius heydenii (Fischer, 1853)

Tetrigidae

- Tetrix subulata* (Linnaeus, 1761)
Tetrix tenuicornis Sahlberg, 1893

Acrididae

Calliptaminae

- Calliptamus barbarus* (Costa, 1836)

Oedipodinae

- Mecostethus parapleurus* (Hagenbach, 1822)
Oedipoda caerulea (Linnaeus, 1758)

Gomphocerinae

- Chorthippus apricarius* (Linnaeus, 1758)
Chorthippus macrocerus
 (Fischer v. Waldheim, 1846)
Chorthippus parallelus (Zetterstedt, 1821)
Chorthippus porphyropterus
 (Vorontsovskij, 1928)
Chrysochraon dispar (Germar, 1834)
Euthystira brachyptera (Ocskay, 1826)
Stauroderus scalaris (Fischer v. Waldheim, 1846)
Stenobothrus lineatus (Panzer, 1796)