

## Additional information

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### Ecosystem services

#### Current scientific research and facilities

Zoological and botanical monitoring, hydrological surveys at the Rašeliniště Jizerky and Rašeliniště Jizery peatbogs. botanical research of vegetation development in connection with air pollution. Permanent botanical monitoring plots were fixed within the Bog woodland (91D0\*) and Active raised bogs (7110\*) habitat types for long-term monitoring of these habitats.

#### Current recreation and tourism

Marginally used for recreation and tourism, slightly higher touristic use is in areas of Jizerka – Smedava, Čihadlo-Klecčve louky (tourist paths). Mostly cycling and hiking, in winter cross-country skiing. Great majority of these activities are confined to existing tracks within the area.

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### Bibliographical references

- ABTOVA M. & BURDA J. (1981): Botanicky inventarizační průzkum státní přírodní rezervace Rašeliniště Jizerky [*Botanical survey of the Raseliniste Jizerky Nature Reserve*]. – Ms. [depon. in: Správa CHKO Jizerské hory, Liberec] (in Czech)
- ABTOVA M. & BURDA J. (1981): Botanicky inventarizacni pruzkum statni prirodni rezervace „Rybi loucky“ [*Botanical survey of the “Rybi loucky” Nature Reserve*]. – Ms. [depon. in: Sprava CHKO Jizerske hory, Liberec] (in Czech)
- ANDREE A. (1868): Ausflüge im Isergebirge. – Verh. Bot. Provinz Brandenburg, Berlin, 10: 139-143. (in German)
- BARILLOVA J. (1996): Vyskyt a ekologie druhu *Juniperus communis* subsp. *alpina* v Jizerských horách [*Juniperus communis* subsp. *alpina* species distribution and ecology in the Jizerske hory Mts.]. – Ms. [Dipl. Pr., depon. in: Kat. Dendrol. Slecht. Les. Drev. Les. Fak. CZU Praha] (in Czech)
- BURDA J. (sine anno): Seznam vyssich rostlin v SPR Raseliniste Jizery a SPR Raseliniste Jizerky dle udaju z literatury [*Vascular plant species list of the Raseliniste Jizery and Raseliniste Jizerky Nature Reserves – a review*]. – Ms. [depon. in: Sprava CHKO Jizerske hory, Liberec] (in Czech)
- FICHTNER E. (1978): Einige Bemerkungen zum Vorkommen aquatischer *Coleoptera* und *Hemiptera* im Isergebirge (Jizerske hory, CSSR). – Entomol. Nachr., Dresden, 22/2: 29-30. (in German)
- FICHTNER E. (1980): Einige Bemerkungen zum Vorkommen aquatischer *Coleoptera* und *Hemiptera* im Isergebirge (Jizerske hory, CSSR). – Entomol. Nachr., Dresden, 24/3: 40-41. (in German)
- FIRBAS F. (1929): Die Pflanzendecke des Friedländischen. – Heimatkunde des Bezirkes Friedland in Böhmen, Friedland, 155-246. (in German)
- FRÖHNER S. (1971): Kritische Pflanzen und floristische Neuheiten aus dem Riesengebirge und Isergebirge. – Opera Corcont., Vrchlabi, 7-8: 65-76. (in German)
- HOLUBICKOVA B. & VANA J. (1973): Studie o vegetaci blat. IV. Raseliniste Jizerských hor [*Mire studies IV. – peatbogs in the Jizerske hory Mts.*]. – Sborn. Severoces. Prir., Litomerice, 4: 37-52. (in Czech)
- HOUSKOVA E. (1981): Fyocenologicka a ekologicka charakteristika raselinist v Jizerských horách [*Phytocenology and ecology of peatbogs in the Jizerske hory Mts.*]. – Mskr. [Dipl. Pr., depon. in Bibl. Kat. Bot. Prir. Fak. UK, Praha, 138 pp.] (in Czech)
- HOUSKOVA E. (1987): Prehled rostlinnych spolecenstev raselinist Jizerských hor a jejich predpokladane sukcesni vztahy [*Plant communities at peatbogs and their supposed relation to succession in the Jizerske hory Mts.*]. – Stipa., Usti nad Labem, 8/9:20-31. (in Czech)

- CHVOJKA P. (2000): Chrostici (*Trichoptera*) vybranych lokalit v CHKO Jizerske hory [*Trichoptera at selected sites in the Jizerske hory Protected Landscape Area*]. – Ms. [depon. in: Sprava CHKO Jizerske hory, Liberec] (in Czech)
- JEHLIK V. (1958): Floristicky prispevek ke kvetene Frydlantska a sousednich uzemi [*Contribution on floristic knowledge of plants within the Frydlant region*]. – Sborn. Severoces. Mus., Ser. Hist. Natur., Liberec, 1: 98-127. (in Czech)
- JIRASEK J. (1995): Spolecenstva prirodzenych smrcin Ceske republiky [*Natural spruce forest communities in the Czech Republic*]. – Preslia, Praha, 67: 225-259. (in Czech)
- JOZA M., VONICKA P. A KOL. (2004): Jizerskohorska raseliniste [*Peatbogs in the Jizerske hory Mts.*]. Jizersko-jestedsky horsky spolek, Cesky Tesin, 160 pp. (in Czech)
- KNIZETOVA L. (1978): Statni prirodni rezervace Cerna jezirka. inventarizace vegetacniho krytu [*Vegetation survey in the Cerna jezirka Nature Reserve*]. – Ms. [depon. in: Sprava CHKO Jizerske hory, Liberec] (in Czech)
- KORYTAR J. (1997): Dalsi vyznamny botanicky objev v Jizerskych horach [*New botanical finding in the Jizerske hory Mts.*]. – Jizerske a Luzicke hory, Liberec, 4: 9. (in Czech)
- KRAMPL F. & MAREK J. (1999): Prispevek k poznani soucasne fauny motyly (*Lepidoptera*) Jizerskych hor [*Contribution to knowledge on Lepidoptera in the Jizerske hory Mts.*]. – Sborn. Severoces. Muz., Prir. Vedy, Liberec, 21: 145-188. (in Czech)
- KRISA B. (1990): *Ericaceae* – vresovcovite. – In.: HEJNY S. & SLAVIK B. [eds.], Kvetena CR, 2 [*Flora of the Czech Republic 2*], Academia, Praha. (in Czech)
- KURKA A. (1999): Pavouci (*Araneida*) Chranene krajinne oblasti Jizerske hory [*Araneida in the Jizerske hory Protected Landscape Area*]. – Sborn. Severoces. Muz., Prir. Vedy, Liberec, 21: 119-136. (in Czech)
- LORBER J. (1986): Prispevek k rozsireni raseliniku v SPR Cerna jezirka (Jizerske hory) [*Contribution to Sphagnum sp. distribution in the Cerna jezirka Nature Reserve*]. – Sborn. Severoces. Muz., Prir. Vedy, Liberec, 15: 51-67. (in Czech)
- MACHACEK M. (1982): Strevlikoviti (*Coleoptera, Carabidae*) vybranych raselinist Jizerskych hor [*Coleoptera, Carabidae at the selected peatbogs in the Jizerske hory Mts.*]. – Ms. [Dipl. Pr., depon. in: Katedra Syst. Zool. Prir. Fak. UK, Praha] (in Czech)
- MORAVEC J. & al. (1995): Rostlinna spolecenstva Ceske republiky a jejich ohrozeni. 2. vydani [*Plant communities in the Czech Republic and their threats, 2nd edition*]. – Severoces. Prir., Litomerice, Pril. 1995, 1–206. (in Czech)
- MÜLLER J. (1936): Lesni typy Jizerskych hor [*Forest types in the Jizerske hory Mts.*]. – Lesn. Pr., Praha, 15: 477-523. (in Czech)
- NEVRLY M. (1962): Topografie zivych raselinist Jizerskych hor [*Topography of the peatbogs in the Jizerske hory Mts.*]. – Sborn. Severoces. Mus., Liberec, Prir. Vedy, 2: 33-84. (in Czech)
- PELISEK J. (1968): Pudni pomery Jizerskych hor [*Pedology of the Jizerske hory Mts.*]. – Kniznice Jizerskych hor, Severoces. Muz., Liberec, 9: 1-50. (in Czech)
- PESKOVA A. (1981): Zoologicky inventarizacni pruzkum statni prirodni rezervace Raseliniste Jizerky [*Zoological survey in the Raseliniste Jizerky Nature Reserve*]. – Ms. [depon. in: Sprava CHKO Jizerske hory, Liberec] (in Czech)
- PLAIL J. (1927): Pollenanalytische Untersuchungen einiger Hochmoore des Isergebirges. – Mitt. Ver. Heimatkunde, Reichenberg, 21: 112-128. (in German)
- PLOCEK A. (1974): Nastin kveteny Jizerskych hor [*Flora of the Jizerske hory Mts. - draft*]. – Ms. [Dis. Pr., depon. in: Bibl. Kat. Bot. Prirod. Fak. UK, Praha] (in Czech)
- PLOCEK A. (1982-1986): Kvetena Jizerskych hor. 1-4 [*Flora of the Jizerske hory Mts. 1-4*]. – Sborn. Severoces. Muz., Prir. Vedy, Liberec, 12: 5-44, 13: 5-24, 14: 5-39 & 15: 5-52 [unfinished]. (in Czech)
- PROCHAZKA F. [ed.] (2001): Cerny a cerveny seznam cevnatych rostlin Ceske republiky (stav v roce 2000) – Priroda, Praha, 18: 1-166. (in Czech)
- PUCHMAJEROVA M. (1929): Les tourbières de la haute chaîne des Krkonose et du massif central de la Jizera. – Publ. Fac. Sc. Univ. Charl., Prague, 89: 3-24. (in French)

- PUCHMAJEROVA M. (1936): Raseliny Jizerských hor [*Peat in the Jizerske hory Mts.*]. – Arch. pro prirodov. vyzk. Cech, Praha, 19: 4-44. (in Czech)
- RICHTER H. (1937): Ein kurzer Ueberblick über die Vegetation eines Isergebirgsmoores. – Natur u. Heimat, Aussig, Gedenkheft Prof. Dr. Karl Rudolph, p. 17-23. (in German)
- RUS I. (1999): Prispevek k poznani vazek (*Odonata*) CHKO Jizerske hory [*Contribution to Odonata in the Jizerske hory Protected Landscape Area*]. – Sborn. Severoces. Muz., Prir. Vedy, Liberec, 21: 137-143. (in Czech)
- RYBNICEK K. (1991-1999): Sledovani stanovistnich a vegetacnich zmen vrcholovych raselinist sudetske horske soustavy [*Changes in biotope and communities of raised peatbogs in the Sudety Mts.*]. – Ms. [depon. in: Sprava CHKO Jizerske hory, Liberec] (in Czech)
- RYBNICKOVA E. (1985): Dreviny a vegetace Ceskoslovenska v nejmladsim kvarteru [*Trees and communities in the Czechoslovakia in late quarter*]. – Ms. [Ph.D. Thesis, depon. in Bibl. Bot. Inst. Acad. Sci. Rep. Boh., Pruhonice u Prahy] (in Czech)
- SAJVEROVA E. (1981): Rekonstrukce vegetace vrcholove casti Jizerských hor na zaklade pylove analyzy [*Vegetation reconstruction of the top areas in the Jizerske hory Mts. based on pollen analyses*]. – Ms. [Dipl. Pr., depon. in: Knih. Kat. Bot. Prir. Fak. UK Praha] (in Czech)
- SCHUSTLER F. (1918): Krkonose. Rostlinozemepisna (fytogeograficka) studie [*Krkonose Mts. - Phytogeographical study on plants*]. – Archiv Prir. Vyzk. Cech, Praha, 16/4: 1-181. (in Czech)
- SIGMOND J. (1937): Untersuchungen über das Dickenwachstum an Moorfichten aus dem Gebiete der „Kleinen Iserwiese“ im Isergebirge. – Natur u. Heimat, Aussig, Gedenkheft Prof. Dr. Karl Rudolph, p. 23-30. (in German)
- STUDNICKA M. (1982): Vegetace SPR Rybi loucky [*Vegetation of the Rybi loucky Nature Reserve*]. – Ms. [depon. in: Sprava CHKO Jizerske hory, Liberec] (in Czech)
- SYKORA T. (1969): Vegetace vrchovist v chranenem uzemi SPR Raseliniste Jizerky [*Raised bog vegetation in the Raseliniste Jizerky Nature Reserve*]. – Ochr. prir., Praha, Ochr. Pruzk., 3: 9-14. (in Czech)
- SYKORA T. (1971): Lesni rostlinna spolecenstva Jizerských hor [*Forest plant communities in the Jizerske hory Mts.*]. In: Kniznice Jizerských hor, 11: 1-60, ed. Severoces. Mus., Liberec. (in Czech)
- SYKORA T. (1974): Vresovec ctырrady – *Erica tetralix* L. na Male Jizerske louce v Jizerských horach [*Erica tetralix* L. at Mala Jizerska louka in the Jizerske hory Mts.]. – Ziva, Praha, 22: 204. (in Czech)
- STASTNY J. (1994): Potapnikoviti rezervace Raseliniste Jizerky [*Podicipedidae in the Raseliniste Jizerky Reserve*]. – Fauna Boh. Sept., Usti nad Labem, 19: 169-182. (in Czech)
- TOMANDL M. (1972): Dejiny lesního hospodarství v Jizerských horach [*Forest management history in the Jizerske hory Mts.*]. – Kniznice Jizerských hor, Severoces. Mus., Liberec, 12: 1-68. (in Czech)
- TOMANDL M. (1975): Prales na Jizere – statni rezervace. Historicka studie na zaklade archivnich pramenu [*Primeaveal forest at the Jizera State Reserve, review of archival documents*]. – Ms. [depon. in: UHUL, pob. Jablonec n. Nis. & Sprava CHKO Jizerske hory, Liberec] (in Czech)
- TURONOVA D. (1981): Inventarizacni botanicky pruzkum SPR Klecove louky [*Botanical survey in the SPR Klecove louky*]. – Ms. [depon. in: Sprava CHKO Jizerske hory, Liberec] (in Czech)
- TURONOVA D. (1987): Ochransky botanicky pruzkum statnich prirodnich rezervaci Klecove louky, Na Cihadle, U Posedu, Ne Kneipe a Vlci louka [*Botanical conservation survey of the Klecove louky, Na Cihadle, U Posedu, Na Kneipe and Vlci louka Nature Reserves*]. – Stipa. Usti nad Labem, 9:33-53. (in Czech)
- VISNAK R. (2003): Jizerskohorska raseliniste po 40 letech a jejich botanicka charakteristika. (Moore des Isergebirges nach 40 Jahre und ihre botanische Charakteristik). – Sbor. Severoces. Muz., Prir. Vedy, Liberec, 23:11-84. (in Czech with German Summary)
- VONICKA P. & PREISLER J. (1999): Nalezky vzacnejsich drobných savcu (*Mammalia: Insectivora, Rodentia*) v Chranene krajinne oblasti Jizerske hory [*Rare small mammals (Mammalia: Insectivora, Rodentia) findings in the Jizerske hory Protected Landscape Area*]. – Sborn. Severoces. Muz., Prir. Vedy, Liberec, 21: 243-245. (in Czech)

VULTERIN Z. (1955): O rozsireni rojovniku bahenniho v Jizerskych horach a Krkonosich [*Ledum palustre* distribution in the Jizerske hory Mts. and Krkonose Mts.]. – Ochr. Prir., Praha, 10: 298-301. (in Czech)