

Chrostitci (Trichoptera) Jizerských hor a Frýdlantska

Trichoptera of the Jizerské hory Mts and Frýdlant region (northern Bohemia, Czech Republic)

RcxgnE J XQLMC

Gp^vq o qnq ikem²q f f ngpP^a tqf p^j j q² o w | gc. "Mwptcvkeg³."E \ "ó36:"22"Rtcjc⁶="
g / o ckn< r cxgnae j xqlmc B p o ðe |

Abstract. "C"vqcn"qh"354"urgek^u"qh"Vtkejqrvgtc"ygtg"tgeqtfgf"fwtkpi"cp"gpvq o qnq ikem²uwxg{"kp"vjg"Lk|gtum²"
jqt{"Ovu"cpfHt fncpv"tgikqp"pqvtjgtp"Dqjg o k c."E|gej"Trwdnke+kp"3; ; : 6422:0Cmvi g vjgt"332"urgek^u"ygtg"hqwpf"
kp"vjg"Lk|gtum²"jqt{"Rtqygevfgf"Ncpfuecrg"ctgc."kpenwfkpi"vjg"tctg"urgek^u"Wormaldia pulla *OeNcejncp."3:9:+"
Polycentropus irroratus *Ewtvku."3:57+."Plectrocnemia geniculata OeNcejncp."3:93."Hydropsyche fulvipes *Ewtvku."
3:56+."H. tenuis Pcx^au."3:54."cpf"Agrypnia pagetana Ewtvku."3:57."y j kng"8:"urgek^u.kpenwfkpi"Oligostomis reticulata
*Nkppcgwu."3983+."Ylodes simulans *Vlgfgt."3:4;+."Ceraclea senilis *Dwt o gkuvgt."3:5;+."cpf"Oecetis testacea *Ewtvku."
3:56+."ygtg"eqnngvfgf"kp"vjg"Ht fncpv"tgikqp0Cm"tgeqtfgf"urgek^uctg"nkuvf"vqi g vjgt"ykvj"vjgkt"nqecnkv{"fcvc0

Key words: Vtkejqrvgtc."hcwpkuvkeu."Lk|gtum²"jqt{"Ovu."Ht fncpv"tgikqp."Dqjg o k c."E|gej"Trwdnke

—XQF

Ejtq^vu^vek"luqw"x^ta oek" gum²tgrwdnkm{"rq o tp "fqd g"rtq|mqw o cpqw"umwrkpw"j o {"|w."
rtxpP^lrt^aeg"d{n{"wxg glp p{"lkl"x"rqnqxkp "3;0"uvqngv" c"qf"v²"fqd{"d{n{"|À|g o f" T"rwdnk/
mqx^ap{"p^ang|{"474"ftwj "ejtq^vu^vm ."|vqj q"465"| gej" c"433"|Oqtex{"*Ejxqlmc" ("Mq o /
|^am"422:+0"X" gtxgp² o "ug|pc o w"qjtqflgp ej"ftwj "dg|qdtevn ej" T"lg"wxgfgppq"fgx v"
ftwj "lcmq"tgikqp^anp "x{j{j{pwn ej."3;"mtkvkem{"qjtqflgp ej."48"qj tqflgp ej" c"52"|tcpkvgnp ej"
*Ejxqlmc"gv"cn0"4227+0

Hcwpc"Vtkejqrvgt"Lk|gtum ej"jqt" c |xn^a-v "Ht fncpvumc"d{nc"cfi"fquwf"xg"utqxp^ap"u"p m/
vgt ok"lkp ok"qdncuvok" T"xgnok"pgfquvcvg p "|p^a o^a."pgdq "vq o wvq"À|g o f{"d{nc"x"okpwnquvk"
x p^axcp^algp" o cn^arq|qtpquv0Tq|u^ajn "x |mw o"xqf p^j j q"j o {"|w"x" T"x"rqnqxkp "420"uvqngv"
ukeg"|c|jtpqxcn" c fw"nqmcnk"x"Lk|gtum ej"jqt^aej"*Ncpfc" ("Uqnf^ap"3; ; : -"Pqx^am"3;95+."cng"
x ungf m{"q"ejtq^vu^ve"ej"pgd{n{"uqwjtp "wxg glp p{"rwdnkmqx^apc"d{nc"rqw|g"x{dtecp^afcvc"
*Pqx^am"3;7:."3;84."3;86+0"Fc n-ff"pgrq gvp²"Áfclg"luqw"qduclfgp{"x"r tce"ej"Ocnkem²jq³; ; 2+."
Twem²jq"4229+."U mqt{"*3;84+ c"Vq o cu|gyum²jq³;54+0"V{vq"p^ang|{"ug"x|vcjwlf"rqw|g"
m"38"ftwj o"ejtq^vu^vm 0"Fc n-ff"guv"ftwj "*Ejxqlmc" ("Pqx^am"4223+d{nq"rwdnkmqx^apq"cfi"
pc|"^amncf " o cvgtk^anw"|g"uqw cup²"uvwfkg0

OGVQFKMC" C"OCVGTk f N

Ocvgtk^an"d{n"udft^ap"x"tq|og|f"ngv"3; ; : 6422:"mq o d k p c e f t | p e j " o g v q f . r q | q t p q u v d { n c x p q x a p c x g o v { r o "
o q m c f . c d { d n q | c e j { e g p e q o q f p a p g l a r n p l f f t w j q x 2 u r g m t w o e j t q u v m 0 R k r t | m w o w q t i c p k | q x c p 2 o U r t a /
x q w E J M Q L k | g t u m 2 j q t { d n j o f | u d t a p p c x { v k r q x c p e j h q m c n k v e j r q o q e f O c n c k u g j q r c u v * O V 6 O c n c k u g v t c r u +
p a t c | q x e j r c u v * E H V 6 e q o d k p g f 1 k i j v t c r u + . f l n w e j o k u g m * [R V 6 { g m q y r c p v t c r u + . r { t c o k f a n p f e j r c u v * R [T "
6 r { t c o k f c n v t c r u + c g o g t i g p p f e j r c u v * G V 6 g o g t i g p e g v t c r u + . x | q t m { d n { L z q x a p { x g v c p q w c p a u n g f p v f p { "
f q l g f p q m x e j " a f l n g g f j o { | w * r q t q d p v { v q o g v q f { r q r k u w i g X q p k m c 4 2 2 : + 0 F c n - f o k f n g f l k v o k o g v q f c o k

r k'ud tw'ejtuqvm 'd{nq'u'o m'p'r'qd g'f'p'x'g'ic'g'c'p'c'o'q'm cf'gej*'U Y'ó'u'y'g'rk'p'i+.nq'x'p'c'ux v'q'N'ó'n'k'i'j'w'c'ud t' nctg'x'®DU'ó'd'g'p'j'q'u'uc'o r'n'k'p'i+'ó'x'q'tm{'d'g'p'q'w'x'd{n'q'f'g'd'f't'p{'dw 'u'f' m'q'w.'p'd'q'd{n'c'tx'f'u'd'f't'p{'k'p'f'x'k'f'w'®p' r'k'p'g'v'q'w'j'g'w'ud'v't'w'w'0'c'v'g't'k'n'd{n'ud'f't'p't' l'p' o'k'ud' t'c'v'g'n'®HM'ó'H'M'c'o r'n'ni'w'.L'L'ó'L'ó'L'g'f'g'm'ni'w'®L'R'ó'L'ó'R't'g'k'ng't' ni'w'®R'E'j'ó'R'ó'E'j'x'q'l'm'ni'w'.R'X'ó'R'ó'X'q'p' m'c'ni'w'.\ J'ó'ó'\0' J'q' k'em'ni'w'®.f'g'v'g't'o'k'p'q'x'p'd'f'n'c'w'q't'g'o'®r'q'm'v'f' p'g'p'f' w'x'g'f'p'q'l'k'p'm'c'c'lg'w'q'f'g'p'x'g'ud'f't'm'ej'G'p'v'q'o'q'q'k'em'z'j'q'q'f'f' n'g'p'f'P'a't'q'f'p'j'q'o'w'g'c'x'R't'c'g'l'g'o'R'q'w'f'k'v'®p'q'o'g'p'm'c'w'c't' lg'r'q'f'ng'c'm'w'®n'p'f'j'q'ej'g'em'k'n'u'w'e'j't'q'v'q'm' gum'®t'g'r'w'd'n'k'm{'®E'j'x'q'l'm'c' (M'q'o'j'm'®422:÷)

R g'j'ng'f'n'q'm'c'k'v

X |m'w'o'd'n|c'o g'p'r'g'f'x'f'o'p'c'À|g'o'f'É'j't'a'p'p'm't'c'l'k'p'p'²'q'd'c'u'k'w'l'k'g't'm'²'j'q't'f'p' v'g't'²'h'q'm'c'k'v{'n'g'l'f'x'v' u'p'²' o' u'q'w'g'f'u'v'x'f'É'J'M'Q'c'q't'g'p'v'c'p'f' r't |m'w'o'r't'q'd'j'n'p'c'²'o'q'm cf'gej'x'g'H't' f'nc'p'v'm'²' o'x' d'f'w'w'0'R'q'f't'q'd'p' l'f'x'c' |g'p'l'g'f' c'e'j'c't'c'v'g't'k'u'v'k'm'c'²'ung'f'x'q'p'²'j'q'À|g'o'f'x'k|'X'q'p' m'c' ('X'k- ®m'®422:÷)

N'q'm'c'k'v{'l'w'x'x'r' g'j'ng'f'w'c'j'g'p{'r'f'q'f'ng'p'a'x' v'q'm' x'c'd'g'eg'f'p'f'o'r'q'c'f'f'.r'q'w'g'p' m'q'n'k'm'q'm'c'k'v'w'p'g'f'g'p'p'c'p'q'w' r' f'u'w'w'p'q'u'f'f'q'x'q'f'f'g'w'x'g'f'g'p'q'x'c'q'w'v'c'p' r'f'q'f'g'l'o'²'p'c'm'®v'x'.r' f't'q'f'p'f't'g'g't'x'c'g'c'c'q'f'0'X' v-k'p'c'q'm'c'k'v'lg't'q'l' n'g'p'c'²' p'c'²' r'q'f'n'q'm'c'k'v{'v'l'0'f'f'p'q'w'x'²'Aug'm'f'v'q'm'w'²'c'l'g'p'f'v'g'u'w'r'p' r'q'f'ng'p'c'f'o'q'um'²'x' -m{+'c'd'g'l'g'l'g'opp'²' r' f'v'q'm'f'v'w'q'l'c'v'²' x'q'f'f'.r't'c'o'g'p'k-v' c'c'f'n-|o'q'm cf'f'p'a'n'g'l'f'f'f'e'f'f'q'f'c'p'²'j'q'r'q'x'q'f'f'0'R't'q' m'c'l'f'q'w'q'm'c'k'v'w'l'q'f'q'm'c'k'v'w'q'u'w'À'f'c'l'g'g'u'v'c'x'p'g'f' x'r'q'c'f'f'p'a'j'g'x'®r'q'r' 0'v'f'r'd'k'q'r'w'+. f'ung'h'c'w'p'k'u'em'²'j'q' v'x'g't'g'®R't'w'p'g't' ('O'm'c'3; ;8+:p'c'f'o'q'um'²'x' -m'c'.o'g'v'q'f'c'ud' t'w'. f'c'w'o' k'k'p'g't'x'c'ud' t'w'.l'w'²'p'q'ud' t'c'v'g'n'®r'q'w'f'l'k'v'²'j'm't'c'm'v'c'²' o'g'v'q'f'ud' t'w'c'ud' t'c'v'g'n' x'k|x' -g'0'nt'®eg'p'²'p'a'x'c' f'unc' q'm'c'k'v'r'q'f'n'q'm'c'k'v'.m'v'g't'²'lu'q'w'p'²'ung'f'p' r'q'w'f'f'x'p'f'x'r'g'j'ng'f'w'j'l'k-v' p'ej'f't'w'j'.l'u'q'w'x' t'c'j'p'p'f'v'w'p' r'o'f'u'o'g'o'0' F'c'n-|r'q'w'f'l'k'v'²'j'm't'c'm'v'c'²'P'RT'ó'p'²'q'f'p'f'r' f't'q'f'p'f't'g'l'g't'x'c'g'.R'T'ó'r' f't'q'f'p'f't'g'l'g't'x'c'g'.R'R'ó'r' f't'q'f'p'f'c'o'²'v'm'c'0)

[1]c'<C'p'f' num 'r'q'v'm.C'p'f' n'm'c'w'X'k- q'x'².6;78.U.Y.'40'X'K'K'0'4'2'2'9'.R'E'j'c'<[1a]c'<C'p'f' num 'r'q'v'm'r'q'f'c'p'f' n'm'q'w'.482'°o'< [1b]c'<rt'x'q'u'v't'e'p'p' r' f'v'q'm'c'p'f' num'z'j'q' r'q'v'm'c' r'q'f'c'p'f' n'm'q'w'.492'°o'0' [2]c'<B'ilá' D'es'ná'.7379/7479'. :22'° o'.U'Y'c'< 50'Z'0'3; ;9'.L'R'c'<46'0'X'K'0'4'2'2'2'.L'L'0' [3]c'<B'ilý' p'ot'ok' l'k'f'p' q'f'D'f'n'²'j'q'R'q'v'q'm'c'.7379'.U'Y'c'<[3a]c'<B'ilý' p'ot'ok'.692/742'° o'< 43'0'X'K'0'3; ;. :3;0'X'K'0'3; ;. :.x-g'LR'c'<[3b]c'<B'ilý' p'ot'ok'.642'° o'<44'0'X'K'0'4'2'2'5'.L'R'c'<45'0'X'K'0'4'2'2'7'.R'E'j'c'<[3c]c'<n'g'x'q'u'v't'e'p'p' r' f'v'q'm'D'f'n'²'j'q'r'q'v'm'c'k'f'p' q'f'D'f'n'²'j'q'R'q'v'q'm'c'.e'ec'672'° o'.40'X'K'0'4'2'2'7'.L'L'c'<[3d]c'<o'q'm cf'f'f'.r't'c'o'g'p'k-v' c'hw' p'f'u'v't'w'f'l'm'c' u' B'ilého p'ot'oka'.642'° o'.45'0'X'K'0'4'2'2'7'.R'E'j'c'<[3e]c'<o'q'm cf'f'f'p'c'f' m'q'w'r'c'n'k-v' o' u' B'ilého p'ot'oka'.642'° o'<40'Z'0'4'2'2'4'. 44'0'X'4'2'2'5'.x-g'LR'c'<40'X'K'0'4'2'2'7'.L'R' ('L'L'0'[4]c'<B'latný' p'ot'ok'c' B'latný' r'yb'ník'®x' 0'R'T'P'q'x'a'®n'q'w'm'c'.7378'.7379'c'<[4a]c'< B'latný' p'ot'ok'c' t'c-g'n'k'p-k-v' .R'T'P'q'x'a'®n'q'w'm'c'.7378'.992'° o'<U'Y.'.36'0'X'K'K'0'4'2'2'3'.H'M'c'<O'V'.39'0'X'0/36'0'X'K'K'0'4'2'2'4'.L'R' ('R'X'c'< [4b]c'<B'latný' p'ot'ok'p'c'f'D'nc'v'p' o't'f'd'p'f'm'g'o'.R'T'P'q'x'a'®n'q'w'm'c'.7378'.987'° o'.U'Y.'.50'X'K'K'0'3; ;3'.R'E'j'c'<[4c]c'<B'latný' p'ot'ok'. q'f'v'q'm'D'nc'v'p'²'j'q't'f'd'p'f'm'c'.7379'.982'° o'.N'c'4:0'K'Z'0'4'2'2'2'.34'0'X'K'0'4'2'2'4'.33'0'X'K'K'0'4'2'2'5'.;0'X'K'K'0'4'2'2'6'.x-g'HM'c'<[4d]c'<B'latný' p'ot'ok'p'c'f'x'q'f'p'f'p'²'f't'f'l'q'w'g'x'F' n'.7379'.952'° o'<U'Y.'.50'Z'0'3; ;5'.R'E'j'c'<[5]c'<B'ukovec' P'R'.7378'.7379'c'<[5a]c'<B'ukovec'. :2/;42'° o'.N'c'.0'X'K'K'0'3; ;9'.50'X'K'K'0'3; ;. :36'0'X'K'K'0'4'2'2'3'.3'0'X'K'0'4'2'2'9'.x-g'HM'c'<[5b]c'<B'ukovec'. R't'c'o'g'p'k-v' .:22'° o'.R' [T'.48'0'X'K'0'7'0'X'K'K'0'4'2'2'5'.L'R' ('R'X'c'<[5c]c'<B'ukovec'.n'g'p'f'r't'c'o'g'p'k-v' .:2'° o'< [R'V'.38'0'X'0/45'0'X'K'0'4'2'2'5'.L'R' ('R'X'c'<U'Y.'.53'0'X'K'0'4'2'2'5'.L'R'c'<[5d]c'<B'ukovec, p'ot'ok'p'c'f'k'f'p'f'o'Ad'q' f'.9'2'° o'.U'Y.'.53'0'X'0'3; ;4'. R'E'j'0' [6]c'<B'ukovský' p'ot'ok'r'q'f' C'tp'q'w'k'g'o'k'.7278'.522'° o'.U'Y.'.33'0'X'K'K'0'4'2'2'5'.L'R' [7]c'<g't'p'®'F'g'u'p'.7379'.7479'c'< [7a]c'<g't'p'®'F'g'u'p'.7379'. :2'° o'.U'Y.'.3;0'Z'0'3; ;9'.L'R'c'<[7b]c'<g't'p'®'F'g'u'p'.7379'.992/9'2'° o'.U'Y'.c'<49'0'X'0'3; ;. :34'0'Z'0'3; ;. :.x-g'LR'c'<DU'.49'0'X'K'0'4'2'2'7'.L'L'0'f'c'g'm'ni'w'®[7c]c'<x'q'f'p'p'²'f't'f'l'U'q'w-.7479'.992'° o'.DU'.90'Z'0'3; ;6'.G'0'U'w'w'ej/ n'f'm'ni'w'®[7d]c'<n'g'x'q'u'v't'e'p'p' r' f'v'q'm'x'q'f'p'p'²'f't'f'l'g'U'q'w-.7479'.9'2'° o'.U'Y.'.60'Z'0'3; ;5'.R'E'j'0' [8]c'<g't'p'®'j'q't'c' R'T'. X'a'p'q' p'f'®n'q'w'm'c'ó't'c-g'n'k'p-k-v' .7379'.3272'° o'< [R'V'.39'0'X'K'K'0'4'2'2'4'.L'R'c'<O'V'. [R'V'.40'X'K'0/38'0'Z'0'4'2'2'6'.L'R' ('R'X'c'<N'.32'0'X'K'K'0'4'2'2'6'.H'M'0' [9]c'<g't'p'®'P'l'uc'.7378'. [9a]c'<g't'p'®'P'l'uc'p'c'f'x'q'f'p'p'²'f't'f'l'g'f'k'j'q'x'.992/9'2'° o'<U'Y'.c'<50'Z'0'3; ;5'. 70'Z'0'3; ;7'.x-g'RE'j'c'<DU'.47'0'X'0'3; ;7'.4'0'X'K'0'3; ;7'.46'0'X'K'K'0'3; ;7'.70'X'K'0'3; ;8'.x-g'J' = [9b]c'<n'g'x'q'u'v't'e'p'p' r' f'v'q'm' g't'p'®' P'l'uc'p'c'f'x'q'f'p'p'²'f't'f'l'g'f'k'j'q'x'.992/9'2'° o'<U'Y.'.50'Z'0'3; ;5'.R'E'j'c'<DU'.c'<70'X'K'0'3; ;8'. 46'0'X'K'K'0'3; ;8'.x-g'J' = [9c]c'<rt'x'q'u'v't'e'p'p' r' f'v'q'm'x'q'f'p'p'²'f't'f'l'g'f'k'j'q'x'.992/9'2'° o'<U'Y.'.50'Z'0'3; ;5'.R'E'j'c'<DU'.c'<70'X'K'0'3; ;8'. 46'0'X'K'K'0'3; ;8'.x-g'J' = [9d]c'<x'q'f'p'p'²'f't'f'l'g'f'k'j'q'x'.992'° o'<DU'.90'Z'0'3; ;6'.G'0'U'w'w'ej'®ni'w'®DU'.40'X'K'0'3; ;7'.J' = U'Y'.70'Z'0'3; ;7'.R'E'j'c'<U'Y'.44'0'X'0'4'2'2'4'.L'L'c'<[9e]c'<g't'p'®'P'l'uc'.862/922'° o'.U'Y'.c'<45'0'X'K'0'3; ;9'.49'0'X'K'0'3; ;9'.3'0'X'K'K'0'3; ;9'. x-g'LR'c'<[9f]c'<g't'p'®'P'l'uc'.T'w'f'q'h'q'x'.822'° o'.U'Y'.49'0'X'K'K'0'4'2'2'5'.L'R'c'<[9g]c'<rt'x'q'u'v't'e'p'p' r' f'v'q'm' g't'p'®' P'l'uc'f'k'f'p' q'f' l'x'q't'q'²'j'q'x't'j'w'.e'ec'822'° o'.U'Y.'.38'0'X'K'0'4'2'2'5'.L'L'0' [10]c'<g't'p'®'r'q'v'm'c' g't'p'®' f' m'c'j'k'j'q'x' e'j'q'f'p' q'f' J'g'l'p'k'e'. 7379'.U'Y'c'<[10a]c'<g't'p'®'r'q'v'm'c'.42'° o'.38'0'X'K'0'3; ;9'.L'R'c'<[10b]c'<g't'p'®'r'q'v'm'c'.672/7'2'° o'<40'X'K'0'4'2'2'7'.L'L'c'<45'0'X'K'0'4'2'2'7'. R'E'j'c'<[10c]c'<g't'p'®' f' m'c'.672'° o'.45'0'X'K'0'4'2'2'7'.R'E'j'0' [11]0' g't'x'g'p' r'q'v'm'k'f'p' q'f'P'q'x'²'N'q'w'm'f'.7378'.972'° o'.U'Y.'. 3'0'X'K'0'3; ;. :.L'R'0' [12]c'<f' m'c'D'es'ná'.n'g'x'q'u'v't'e'p'p'²' r' f'v'q'm'f'.747'.U'Y'c'<[12a]c'<n'g'x'q'u'v't'e'p'p' r' f'v'q'm'F'g'u'p'²'.R'w'w'k'p'f'w'F'g'u' p'²'x'l'k'g't'm' e'j'j'q't'f'ej'.872'° o'.45'0'X'K'0'4'2'2'7'.L'L'c'<[12b]c'<n'g'x'q'u'v't'e'p'p' r' f'v'q'm'F'g'u'p'²'.U'x' n'a'w'V'c'p'x'c'f'w'.922'° o'.3'0'X'K'0'4'2'2'4'. L'L'0' [13]c'<F't'c' f'j'q'r'q'v'm'c'.747'.U'Y'c'<[13a]c'<F't'c' f'j'q'r'q'v'm'c'0'f't'q'l'p'k'g'.n'g'p'f'f'q'w' m'c'f'c'²' o'q'm'k'p'f'f' r'c'f'p' q'f'q'u'c'f' (C'o'g' t'k'm'w'U'm'g'p'c' k'e'.782/822'° o'.;0'K'Z'0'4'2'2'6'.L'R' ('L'L'c'<[13b]c'<rt'x'q'u'v't'e'p'p' r' f'v'q'm'F't'c' f'j'q'r'q'v'm'c'x' e'j'q'f'p' q'f'f'®v'c'²' Q'ng-p'k'eg'.772/852'° o'.44'0'X'K'0'4'2'2'7'.R'E'j'c'<[13c]c'<rt'x'q'u'v't'e'p'p' r' f'v'q'm'F't'c' f'j'q'r'q'v'm'c'x' e'j'q'f'p' q'f'f'®v'c'²'Q'ng-p'k'eg'. 6;2/772'° o'.44'0'X'K'0'4'2'2'7'.R'E'j'c'<[13d]c'<r't'c'o'g'p'k-v' 3'm'o'x' e'j'q'f'p' q'f'Z'laté O'leš'nice'.772'° o'.44'0'X'K'0'4'2'2'7'.R'E'j'c'<[13e]c'<

o qm cf" w m t e x f p c l k j q x e j q f p " q f " Zlaté Olešnice." 722" o. ; 0KZ04226. LR" (" LL" [14] < Hájenny potok" p c f " D f n o " R q v m g o . " 7379. " 752" o . " U Y . " 450XK04227. " R E j 0" [15] < Harcovský potok." 7478. " U Y < [15a] < Harcovský potok" p c f " N w m - q x g o . " 772" o < 450XK003 ; ; . " LR = 40Z04228. " R E j = [15b] < Harcovský potok" r q f " N w m - q x g o . " 632" o . " 40Z04228. " R E j = [15c] < r t e x q u t t e p p " r f v q m " G c t e q x u m " j q " r q v m c " x e j q f p " q f " L f n q x " j q " x t e j w . " 792" o . " 40Z04228. " R E j = [15d] < n g x q u t t e p p " r f v q m " M g o g p p " j q " r q v m c . " U v c t " J t e q x . " | " r e f p " q f " L f n q x " j q " x t e j w . " 672" o . " 40Z04228. " R E j 0" [16] < Holubí potok" c " m " q u e x t " t { d p f m } k l f p " q f " T e u r g p e x { . " 7378 < [16a] < Holubí potok" o " f t q l p l e g . " X l p k p " e g u c . " 7378. " 722" o . [R V . " 390X0/50XK04225. " 370XK00/50XK004225. " x - g " L R " (" R X = [16b] < m " q u e x t " t { d p f m } . " 587" o < U Y < 490X04222. " 80X04225. " x - g " L R = " N < 470KZ04222. " 350XK004226. " 460/4 : 0XK0422. " x - g " H M = [16c] < Holubí potok" r q f " m " q u e x o " t { d / p f m g o . " 572" o < U Y . " 3 ; 0XK04223. " L L = " O V . " 520KX0/440Z04224. " L R " (" R X = [16d] < Holubí potok" p c f " T e u r g p e x q w . " 552" o . " U Y . " 80XK04229. " R E j 0" [17] < r q v m " J e d l o v á " * x 0 " R T " L g f n q x " f n t p c f " L q u h q x o " F q n g o . " 7379. " 7479 < [17a] < Jedlová. " 7379. " : 92" o . " U Y . " 420XK003 ; ; . " R E j = [17b] < Jedlová. " R T " L g f n q x " f n . " 7479. " : 22 / : 42" o . " U Y . " 50XK003 ; ; . " L R = [17c] < Jedlová. " R T " L g f n q x " f n . " 7479. " 872 / 922" o < U Y . " 50XK003 ; ; . " L R = " O V . " [R V . " 3 ; 0X0/440KZ04227. " L R " (" R X = [17d] < Jedlová. " R T " L g f n q x " f n . " 7479. " 872" o . " N < 440KZ04222. " 320XK04223. " 70XK04224. " x - g " H M 0" [18] < Jelení potok" p c f " L q u h q x o " F q n g o . " 7379. " U Y < [18a] < Jelení potok. " 62 ; : 2" o < 50XK003 ; ; 3. " R E j = " 50KZ03 ; ; 9. " 340Z03 ; ; . " x - g " L R = [18b] < Jelení potok. " : 52" o . " 420XK003 ; ; . " R E j 0" [19] < r q v m " L g k e g " c " O c n " " L g k e g . " 7378 < [19a] < Lg keg. " Q n f k e j q x " x " J " f l e j . " 5 ; 7 / 642" o . " U Y . " 430XK04227. " R E j = [19b] < Lg keg " o g l k " Q n f k e j q x o " x " J " f l e j " c " O p f - m g o . " 5 ; 2 / 5 : 7" o . " U Y . " 430XK04227. " R E j = [19c] < n g x q u t t e p p " r f v q m " L g k e g " u g x g t p " q f " Q n k x g u m " j q t { . " : 22" o . " U Y . " 330X04222. " R E j = [19d] < r t e x q u t t e p p " r f v q m " L g k e g . " g t v q x c " l " a " o " c " u x 0 " q f " Q n f k e j q x c " x " J " f l e j . " 652" o . " U Y . " 430XK04227. " R E j = [19e] < r t e x q u t t e p p " r f v q m " L g k e g . " U v t l q x " x t e j " u g x g t p " q f " Q n f k e j q x c " x " J " f l e j . " P R T " l k | g t u m q j q t u m " d w k p { . " 842" o . [R V . " 50XK003 ; ; 0KZ04225. " L R = [19f] < r t e x q u t t e p p " r f v q m " L g k e g . " m r k " a m " m " j q t c + u | 0 " q f " Q n f k e j q x c " x " J " f l e j . " P R T " l k | g t u m q j q t u m " d w k p { . " 722 / 822" o < [R V : " 390XK00/40Z04225. " 440Z0/40ZK04226. " 460KZ0/450ZK04228. " x - g " L R = U Y . " 530XK04226. " L R = U Y . " 430XK04227. " R E j = [19g] < O c n " " L g k e g . " Q n f k e j q x " x " J " f l e j / P c " R m " e j . " 642" o . " U Y . " 3 ; 0XK04225. " L L " (" L R = [19h] < O c n " " L g k e g " p c f " Q n f k e j q x o " x " J " f l e j . " 5 ; 2 / 622" o < D U . " 320XK04227. " R 0 " M w m - m q x " n i w 0 " U Y < 430XK04227. " 390XK04228. " x - g " R E j = [19i] < r t c o g p k - v " k l f p " q f " Q n f k e j q x c " x " J " f l e j " * x e j q f p " q f " f l n g | p k p f v t c k v . " 622" o . " U Y < 460X04225. " L R = 430XK04227. " 390XK04228. " x - g " R E j = [19j] < o q m c f . " x n j m " h q w m | " w f l n g | p k p f v u c p l e g " M n i š e k . " 5 : 2" o . " U Y . " 460X04225. " L R [20] < r q v m " J e š k r a b e c . " 7479. " 747 : < [20a] < Ješkrabec. " T g l f k e g . " 747 . : " 942 / 972" o . " U Y < 3 ; 0XK04228. " 4 ; 0KZ04228. " 40XK0422. " : " x - g " R E j = [20b] < Ješkrabec. " T g l f k e g . " 747 . " 872 / 922" o . " U Y < 3 ; 0XK04228. " 70XK04229. " 40XK0422. " : " x - g " R E j = [20c] < r t e x q u t t e p p " r f v q m " L g - m t c d e g . " r t c o g p k - v . " T g l f k e g . " 747 . : " 922" o . [R V . " G V . " 50X0/380XK004227. " L R " (" R X = [20d] < r t e x q u t t e p p " r f v q m { " L g - m t c d e g " o g l k " T g l f k e g o k " c " g u m o " m w o d w t m g o . " 747 . : " 842 / 872" o . " U Y < 50XK04226. " L R " (" L L = 470X04227. " L R = 3 ; 0XK04228. " 40XK0422. " : " x - g " R E j = [20e] < r f v m " L g - m t c d e c . " r t c o g p k - v " k l f p " f e j q x k e . " 747 . : " 842 / 872" o . " U Y < 3 ; 0XK04228. " 40XK0422. " : " x - g " R E j = [20f] < r t e x q u t t e p p " r f v q m " L g - m t c d e g " r q f " g u m o " m w o d w t m g o . " 747 . : " 6 : 2 / 742" o . " U Y < 3 ; 0XK04228. " 4 ; 0KZ04228. " x - g " R E j = [20g] < Ješkrabec" k l f p " q f " g u m " j q " m w o d w t m w . " 747 . : " 742 / 7 : 2" o . " U Y < 520X04227. " L L = 40XK0422. " : " R E j = [20h] < r t c o g p k - v p c " n g x " 2" o d g j w " J e š k r a b e c " u x 0 " q f " X g m e j " J c o t . " 747 . : " 752" o . " U Y . " 3 ; 0XK04228. " R E j = [20i] < Ješkrabec" p c f " X g m / m o k " J c o t . " 7479. " 662" o . " U Y < 3 ; 0XK04228. " 4 ; 0KZ04228. " 40XK0422. " : " x - g " R E j 0" [21] < g m c " Jizerka * x 0 " P R T " T c - g n k p / p k - v " l k | g t { + . " 7379. " 737 . : " 747 : < [21a] < Jizera. " P c R f u k p " e j . " P R T " T c - g n k p - v " l k | g t { . " 7379 . : " 92" o < U Y . " 490XK003 ; ; 3 . " R E j = U Y . " 460XK03 ; ; . " L R = " O V . " [R V . " 390X0/480KZ04224. " L R " (" R X = [21b] < Jizera. " t c - g n k p - v . " P R T " T c - g n k p - v " l k | g t { . " 62" o . " U Y < 340XK003 ; ; 9 . " 60KZ03 ; ; 9 . " 40XK03 ; ; . " 390Z03 ; ; . " 390XK03 ; ; . " 460XK03 ; ; . " 360XK03 ; ; . " 530XK03 ; ; . " 60ZK03 ; ; . " : " x - g " L R = 430XK04223. " L L = [21c] < Jizera. " t c - g n k p - v . " P R T " T c - g n k p - v " l k | g t { . " 737 . : " 52" o < U Y < 470XK03 ; ; 8 . " 50XK003 ; ; 9 . " 350XK003 ; ; . " 420KZ04222. " x - g " H M = U Y < 390XK03 ; ; . " 460XK03 ; ; . " 360XK03 ; ; . " 320KZ03 ; ; . " : " x - g " L R = " O V . " [R V . " E H V . " 380X0/380Z04225. " L R " (" R X = " N < 3 ; 0XK004227. " 390XK04229. " 4 ; 0XK0422. " : " x - g " H M = [21d] < Krasný potok" p c f " A u v o " f q " l k | g t { . " P R T " T c - g n k p - v " l k | g t { . " 7379 . : " 82" o . " U Y < 420KZ03 ; ; 9 . " 40XK03 ; ; . " : " x - g " L R = [21e] < r t e x q u t t e p p " r f v q m " L k | g t { . " d x c n " J q l g t x f o . " 737 . : " : 2" o . " U Y . " 40XK03 ; ; . " L R = [21f] < Jizera" p c f " M q p q x g o . " 747 . : " 922" o . " U Y < 50XK003 ; ; 3 . " 70Z03 ; ; 7 . " : " x - g " R E j = [21g] < Jizera. " R e u g m { " p c f " l k | g t q w . " 747 . : " 682" o . " U Y . " 440XK04227. " R E j 0" [22] < J m c " Jizerka * x 0 " P R T " T c - g n k p - v " l k | g t m { + . " 7379 . " 737 : < [22a] < R f p " x q f c . " 7379 . : " : 2" o < U Y < 50XK003 ; ; 3 . " 490XK003 ; ; 3 . " 70Z03 ; ; 7 . " : " x - g " R E j = D U . " 530X03 ; ; 4 . " R E j = U Y < 520XK003 ; ; 9 . " 320KZ03 ; ; . " : " x - g " L R = [22b] < Jizerka. " t c - g n k p - v . " P R T " T c - g n k p - v " l k | g t m { . " 7379 / 737 . : " 82 / 92" o < U Y < 50XK003 ; ; 3 . " 4 : 0XK003 ; ; 3 . " x - g " R E j = " N < 3 ; 0XK03 ; ; 8 . " 70XK003 ; ; 9 . " 70XK003 ; ; . " : " x - g " H M = U Y < 4 ; 0XK003 ; ; . " 4 : 0XK003 ; ; . " 9 . " 70XK003 ; ; 9 . " 330KZ03 ; ; 9 . " 330KZ03 ; ; . " 470KZ03 ; ; . " : 0KZ04222. " 360XK04223. " x - g " L R = " O V . " [R V . " E H V . " 380XK0/390XK004227. " L R " (" R X = [22c] < Uchlftqx " r q v m . " P R T " T c - g n k p - v " l k | g t m { . " 737 . : " 87 / : 2" o < U Y < 80XK03 ; ; 9 . " 4 : 0XK003 ; ; 9 . " x - g " L R = [R V . " 4 ; 0XK00/70Z04224. " L R = [22d] < Jizerka. " q d g e " l k | g t m c . " 737 . : " 52 / 72" o < U Y < 50XK003 ; ; 3 . " 70Z03 ; ; 7 . " : " x - g " R E j = U Y < 470XK03 ; ; 9 . " 490XK003 ; ; 9 . " 3 ; 0KZ03 ; ; 9 . " 490KZ03 ; ; . " : " x - g " H M = U Y < 4 ; 0XK03 ; ; . " 4 : 0XK03 ; ; . " : " 0XK004223. " 70KZ04224. " 450Z04224. " : " 380Z03 ; ; . " 0XK004225. " x - g " L R = " N < 390XK03 ; ; 8 . " 4 ; 0XK003 ; ; 9 . " 480KZ04222. " x - g " H M = " N < 420XK003 ; ; . " 380XK04223. " 440XK04228. " x - g " L R [23] < f m c " Kamenice. " 7379. " 7479 < [23a] < Velký Kamenický potok" w " M t k u v k " p q x c . " 7379 . : " 22" o . " U Y . " 3 ; 0XK003 ; ; . " L R = [23b] < Kamenice" p c f " x q f p " p " f t l f " L q u h x " f n . " 7379 . " 962" o . " U Y . " 50ZK03 ; ; 5 . " R E j = [23c] < Lquh x " F " n . " e e c " 792" o . " 7479. " U Y . " 370Z04229. " L R = [23d] < n g x q u t t e p p " r f v q m " M c o g p l e g " p c f " L q u h q x o " F q n g o / R g m m g o . " 7479 . : " 52" o . "

U.Y. 420XKKK03; ; . "Rej=j=[23e]<r txcvqtccp r f vqm Mc o gpleg u|0 qf" Oczqxum 2 j q' xtej w. 7479. 852/872" o. "U.Y. 420XKK04228. REj=j=[23f]<r txcvqtccp r f vqm Mc o gpleg. Fqnpf Oczqx' r qf Oczqxum o xtej g o. 7479. 792" o. "U.Y. 470X04222. LL=[23g]<hgxvqtccp r f vqm Mc o gpleg. Cadtgej kveg x Lk lgtum ej j q' e' w f qnpf' uvcpeg' hcpqxm { 'pc' m' rk/ am. 7479. 822" o. [RV. 30ZK04228/3; 0KX04229. LR=[23h]<r txcvqtccp r f vqm Mc o gpleg. x' n j m' hqwm { 'pc' f' l' k' g' p' g' o' r qf' 6; 2' o. "U.Y. 60XKK03; ; . 3. REj=j=[23j]<Kamenice' o g l' Xgmm o k' J c o t { 'c' Rncx { . 7479. 622" o. "U.Y. 4; 0KZ04228. 40XK0422. "REj j 0 [24]<Mng qx 2' nqwm { 'RT. 'Ocn' Mng qx 2' nqwm c' 6' t- gnkpk- v. 7379. ; 82' o < U.Y. < 380XKK04223. 390XKK04227. "x-g' HM' N' c. : 0XK04224. 370XKK04225. 60XKK04226. 460XKK04228. 330XK04229. "x-g' HM' 0 [25] < Mq k f' potok' c' n' gup' t { 'dp' m { 'w' t q | xcnk' p' Uvc 2' j q' o n' pc' ugxgtp ' qf' Dwnqxm { . 7278. 542" o. "U.Y. 30XK04227. LR' ('LL' 0 [26] < Libverdský potok' c' Libverdský rybník. "7379. 622" o. "U.Y. < 420XK04224. 30XK04226. "x-g' LL' 0 [27] < r' qvqm Lomnice. 7278. 7279 < [27a] < Lomnice' pcf' Pqx o' O' u g o' r qf' U o t m g o. 7279. 7; 2/822" o < U.Y. 330ZK04226. LR= 'DU. "U.Y. 3; 0XKK04228. REj=j=[27b] < Lomnice' pcf' Pqx o' O' u g o' r qf' U o t m g o. 7279. 722/742" o. "U.Y. 3; 0XKK04228. REj=j=[27c] < hgxvqtccp r f vqm Nq o pleg' | a' rcfp ' qf' Nwfx' m qxc' r qf' U o t m g o. 7279. 632" o. "U.Y. 50XKK04229. REj=j=[27d] < Lomnice' pcf' Auv' o' f' q' U o f 2' ugxgtp ' qf' Teurgpex { . 7278. 542" o. "U.Y. 50XKK04229. REj j 0 [28] < Nw cpum "Pluc. 7479. "U.Y. < [28a] < Nw cpum "Pluc' r qf' Fqnp' o k' Nw cp { . Nw cp { 'pc' f' Pluq w. 7479. 772" o. 460XK04227. REj=j=[28b] < r txcvqtccp r f vqm Nw cpum 2' Pku { . Lkp f' kej qxum o qm c f' RR. 7479. 822" o. 390XK04225. LR' 0 [29] < Makovský potok. Rcu g m { 'pc' f' Lk lgt w. 747. ; 792" o. "U.Y. ; 0KZ04226. LL' 0 [30] < Mariánskohorský boudy' ux' 0' qf' Lqughqxc' Fqpw. 7479. ; 62' o. N' c 40XKK03; ; ; . 3; 0/4; 0KZ04222. 3; 0XK04223. 50XK04224. 0/390XKK04225. 40/320XKK04226. 390XKK04227. "x-g' HM' 0 [31] < P' c' k j e f n g RT. 'te- gnkpk- v. 7379. ; 92' o < N' c 360XKK03; ; . . 60XKK03; ; . ; . 70/320XKK04226. 460XKK04228. 340XK04229. "x-g' HM' "U.Y. 430XK04223. LL= "U.Y. < 450KZ04222. 340XKK04223. 330XK04224. 480XK0422. "x-g' HM' 0 [32] < Pqaxqum "Pluc. 7479. r t c o g p p' q d n c u w. x' n j m' hqwm { . qn- kpc. 'dcflkpc. 'J qtp' gtp "Uwv f p k e w' Pqx 2' Xuk' p c f' Pluq w. 972" o. "U.Y. 450XK04228. LL' 0 [33] < r' qvqm Oleška. "7378. "U.Y. < [33a] < Umcp' f' r' qvqm "rtxcvqtccp r f vqm Qng- m { +. X vtqx / \ ' w k- f' P' k e j v q x { ' F q o m { +. 627" o. 80XKK04229. REj=j=[33b] < Oleška. X vtqx / \ ' w k- f' P' k e j v q x { ' F q o m { +. 622" o. 80XKK04229. REj=j=[33c] < Oleška' l' kfp ' qf' X vtqxc. 'eec' 5; 2' o. 420XK04223. LL= [33d] < potok' 3' mo' x' e j q f p ' qf' X vtqxc / \ ' w k- f' P' k e j v q x { ' F q o m { +. 582" o. 80XKK04229. REj j 0 [34] < Pekelský potok' w' Teurgpex { . 7278. 7379. "U.Y. < [34a] < Pekelský potok. 'Rgm q. 7379. 572" o. 3; 0XK04225. LL= [34b] < Pekelský potok' pcf' Teurgpexq w. 7278. 567" o. 50XKK04229. REj=j=[34c] < r t c o g p k- v ' 3' mo' l' kfp ' qf' m v { ' Chlum' ugxgtpx e j q f p ' qf' Teurgpex { . 7278. 5; 2' o. 50XKK04229. REj=j=[34d] < r txcvqtccp r f vqm Rgm qum 2' j q' r' qvqm pcf' Teurgpexq w. 7278. 567" o. 50XKK04229. REj j 0 [35] < Pertolický potok c' Panenský rybník. 'Rgtv qnk. 7278 < [35a] < Pertolický potok' c' o qm c f' o g l' m' m q x o' c' J t e p k p f o' t { 'dp' f' m g o. 522" o < U.Y. 30XK04227. LR' ('LL= OV. 360X0/390XKKK04229. LR' ('RX= [35b] < Panenský rybník. 482" o. "U.Y. 30XK04227. LL' 0 [36] < Poledník' *xtej q. PRT' Lk lgtum j q t u m 2' dw kp { +. 7378. ; 72" o < N' c 420XKK03; ; . . 340XKK04223. 3; 0XKK04227. "x-g' HM= OV. 360XKK0/4; 0XKK04226. LR' ('RX' 0 [37] < Prorubský potok' pcf' qde' f' Rncx { . 7479. 622" o. 450XK04228. LL' 0 [38] < Tef' c' om ' r' qvqm. M' t' u p' "Uwv f' p m c' w' Nlkdte g. "o qm c f. ' r' qv' g m' x' g' x' n j m' e j w' m' e j . 7378. "U.Y. 5; 2' o. 3; 0XK04225. LR' 0 [39] < Rovný potok *x 0' RT' Ocn' "Uvtepc. 7479 < [39a] < Rovný potok' c' o qm c f { ' x' RT' Ocn' "Uvtepc. 932/942" o < U.Y. < 320XKK03; ; 9; 4; 0XKK03; ; 9; 330KZ03; ; 9; 460KZ04222. : 0X04224. 60XK04226. "x-g' LR= OV. [RV. 390X0/4; 0KZ04224. 70X0/490KZ04225. "x-g' LR' ('RX= U.Y. 460XK04227. REj=j=[39b] < Rovný potok. RT' Ocn' "Uvtepc. N' c 60XK04224. 380XK04225. 90XKK04226. "x-g' HM= [39c] < rybník. RT' Ocn' "Uvtepc. 932" o. "U.Y. < 460XK04227. 420XKK04228. "x-g' REj=j=[39d] < Rovný potok' r qf' RT' Ocn' "Uvtepc. 922" o. "U.Y. < 470X04222. LL= 460XK04227. 420XKK04228. "x-g' REj j 0 [40] < T' d' f' hq w m { 'RT. 'te- gnkpk- v. 737. ; 72" o < U.Y. < 420XK03; ; 8; 520XKK03; ; 9; "x-g' HM= OV. [RV. 4; 0X0/380Z04225. LR' ('RX= N' c 340XKKK03; ; . ; . 80XKKK04226. 420XK04229. "x-g' HM' 0 [41] < Ue um " r' qvqm. Ue w' Xk- qx 2. 7277. 7278. "U.Y. < [41a] < Ue um " r' qvqm. 7277. 472" o. 40XKK04229. REj=j=[41b] < potok' l' kfp ' qf' qucf { ' Filipovka' w' Xk- qx 2. 7278. 452" o. 40XKK04229. REj j 0 [42] < gmc' U o f' a' *x 0' RT' Ogepft { 'U o f 2+. 7278. 7378. 7379 < [42a] < D' n' "U o f' a. 7379. ; 42; 62" o. "U.Y. 50XKK03; ; 3. REj=j=[42b] < gtp' "U o f' a. 7379. ; 92" o. "U.Y. < 380XKK03; ; 9; 50KZ03; ; 9; 320XK03; ; ; 320KZ03; ; ; "x-g' LR= [42c] < U o f' a. D' n' R' qvqm. 7379. 652" o. "U.Y. < 4; 0XK04225. LR= 450XK04227. REj=j=[42d] < U o f' a. "Teurgpexc/ Nw j. 7378. 557" o. "U.Y. ; 0XKK04226. REj=j=[42e] < U o f' a. "Teurgpexc. 7278. 537" o. "U.Y. 50XKK04229. REj=j=[42f] < v' Nq o' l' kfp ' qf' Teurgpex / Nw j w. 7378. 572" o. "U.Y. ; 0XKK04226. REj=j=[42g] < U o f' a. Ht fncpv. 7278. 4; 2" o. "U.Y. 50XKK04226. LR= [42h] < U o f' a' c' r' f' vqm { . Ht fncpv/ Jctc. 7278. 482" o. "U.Y. 340X04228. LR= [42i] < U o f' a. R' gfn' peg' w' Xk- qx 2. RT' Ogepft { 'U o f 2. 7278. 442" o. N. 390XKK04229. RX= [42j] < U o f' a. Hlnk' r' qvqm' w' Xk- qx 2. RT' Ogepft { 'O v f 2. 7278. 442" o < OV. 360X0/470XKK04229. LR' ('RX= U.Y. 40XKK04229. REj=j=[42k] < rybník Dubák. RT' Ogepft { 'U o f 2. 7278. 442" o < U.Y. 530X04227. LL= N. 380XKK04229. RX= [42l] < v' ux' 0' qf' rybník Dubák. RT' Ogepft { 'U o f 2. 7278. 442" o. OV. 30X0/440XK04227. LR' ('RX= [42m] < o qm c f' w' t { 'dp' m' c' pc' r txcvqtccp o' r' f' vqm' U o f 2' x' e j q f p ' qf' qucf { ' gtpqwu { / X' Rqk. 7278. 472" o. OV. 360X0/ ; 0Z04229. LR' ('RX' 0 [43] < U o t m' xtej q. 7379. 3322" o. OV. 40XK0/350XKK04228. LR' ('RX' 0 [44] < U o t f' qum " r' qvqm. 7479 < [44a] < U o t f' qx- ský potok. "Áf qn' r' qvqm' ux' 0' qf' qucf { ' J qtp' Oczqx' w' Nw cp' pcf' Pluq w. 932" o. N' c 430XKK04227. 3; 0XK04229. 490XK0422. "x-g' HM= [44b] < potok, Horní Maxov' w' Nw cp' pcf' Pluq w. 'eec' 942" o. "U.Y. 60ZK03; ; 5. REj=j=[44c] < t { 'dp' gm' w' e j c v { ' Lk v g p m c' * Lngp' f' e j c v c. ' J qtp' Nw cp { ' w' Nw cp' pcf' Pluq w. 882" o. "U.Y. 460XK04227. REj j 0 [45] < Šindelový potok ugxgtp " qf' U o f c x { . 7379. "U.Y. < [45a] < Šindelový potok. 8; 2/ ; 2" o. 40XK03; ; . . 3; 0X03; ; . .

4: 0XK04225.'x-g'LR=[45b]<o qm cf.'R g fl'ngxgtp 'qf'>{ 'Rqej .': : 7'o.'490XKK03 ; ; 3.'REj0[46]<r qvqm Štolpich.' 7378.'7379'<[46a]<Mt'up''Oc f.'PRT'Lk|gtumqjqtum>'dw kp{.'7379.'; 22'o.'N.'520XK0422.'; HM=[46b]<Velký Štolpich'pcf'xqfqr'af{.'PRT'Lk|gtumqjqtum>'dw kp{.'7379.'eec': 22'o.'N.'40XK0422.'; HM=[46c]<Velký Štolpich'pcf'J glpkeg ok/Hgtfkpcpfqxo . 'PRT'Lk|gtumqjqtum>'dw kp{.'7379.'772'o.'N.<490XK04222.'330XK04226.'x-g'HM=[46d]<Velký Štolpich'pcf'J glpkeg ok/Hgtfkpcpfqxo . '7379.'672'o.'U.Y.'430XK04228.'REj=[46e]<Malý Štolpich'pcf'J glpkeg ok/Hgtfkpcpfqxo . '7379.'672'o.'U.Y.'430XK04228.'REj=[46f]<Malý Štolpich'pcf'J glpkeg ok/Hgtfkpcpfqxo . '7379.'672'o.'U.Y.'430XK04228.'REj=[46g]<rtc o gpk-v 'lklp 'qf' Hejnic-Ferdinandova.' 7379.'672'o.'U.Y.'430XK04228.'REj=[46h]<rtc o gpk-v 'lklp'qf' Hejnic-Ferdinandova.' 7379.'672'o.'U.Y.'430XK04228.'REj=[46i]<rtc o gpk-v 'c'ngxqvtepp 'r fvyqm'Oct'jq'>'vqrkejw'1|0'qf'J glpke/Hgtfkpcpfqxo.'7378.'642'o.'U.Y.'430XK04228.'REj=[46j]<[46j]<Stolpich'rqf'J glpkeg ok/Hgtfkpcpfqxo . '7378.'582'o.'U.Y.'430XK04228.'REj=[46k]<ngxqvtepp 'r fvyqm'vqrkejw'pc'u|0'Adq 'm>v{ 'Uxkpm'>'gnq.'7378.'622/652'o.'U.Y.'; 0XK04226.'REj=[46l]<ngxq/vtcepp 'r fvyqm'vqrkejw'pc'u|0'Adq 'm>v{ 'Uxkpm'>'gnq.'7378.'582'o.'U.Y.< ; 0XK04226.'430XK04228.'x-g'REj=[46m]<ngxqvtepp 'r fvyqm'vqrkejw'rtc o gpk-v 'pc'ux|0'Adq 'Rqng'f'p'mw.'7378.'672/692'o.'U.Y.'; 0XK04226.'REj=[46n]<ngxqvtepp 'r fvyqm'vqrkejw'c'rtc o gpk-v 'pc'u|0'Adq 'Rqng'f'p'mw.'7378.'622/672'o.'U.Y.'3; ; 0XK04226.'REj=[46o]<ngxqvtepp 'r fvyqm'vqrkejw'c'rtc o gpk-v 'pc'u|0'Adq 'Rqng'f'p'mw.'7378.'592/5; 2'o.'U.Y.'3; ; 0XK04226.'REj=[46p]<Stolpich'pcf'Au'f' o'f'q'U' o' f'2.'Tcургpccx/Nwj.'7378.'562'o.'U.Y.'; 0XK04226.'REj0[47]<r qvqm Vkej'' f mc'c'tc-gnkp-v . 'RR'Vkej'' f mc'w' f t'w.'7479.'972'o'<U.Y.'450XK04224.'LR='OV.' [R.V.'40XK0/70Z04226.'LR' ('RX'-N.'340XK04226.'HM0[48]<Vápenný vrch'w' Tcургpccx{.'7378'<[48a]<RT Vápenný vrch.' 622'o.'N'< ; 0XK04226.'420XK04222.'30XK0422.'x-g'HM=[48b]<čv 'X'rgpmc'>'c'vqrgp 'hq'o'rqf'X'rgpp o'xtejgo+.'572'o.'U.Y.'; 0XK04226.'REj0[49]<X'gn'rqvqm'ngxgtp 'qf'Op'f-mw.'7378.'5; 2'o.'U.Y.'390XK04228.'REj0[50]<r qvqm Velká Rybí voda'ugxgtp 'qf'D'f'j'q'Rvqmc.'7379'<[50a]<Velká Rybí voda.' : 22'o'<U.Y.'530X03 ; ; 4.'REj' [R.V.'520XK00/50X04229.'LR=' [50b]<Velká Rybí voda.'Á'fq'f'rqvqmc.' : 22'o.'N.'80XK003 ; ; ; HM=[50c]<Velká Rybí voda.'7: 2/852'o'<U.Y.'3; ; 0XK03 ; ; ; .LR='DU.'U.Y.'450XK04227.'REj='U.Y.'420XK04228.'LL=[50d]<Velká Rybí voda.'Á'fq'f'rqvqmc.'eec'852'o.'N'<460X04222.'360XK04225.'50XK04226.'530XK04228.'370XK04229.'x-g'HM=[50e]<rtc o gpk-v 'u|0'pod'>'m>vq'w' Tšišna.'872'o.'U.Y.'450XK04227.'REj=[50f]<rtc o gpk-v 'l|0'pod'>'m>vq'w' Tšišna.'772'o.'U.Y.'450XK04227.'REj=[50g]<t{dpf' m{ 'c' o qm cf { 'ux|0'qf'flng'lpk'p'f'w'c'p'eg'Blý Potok.'652'o.'OV.' [R.V.'50X0/60X04227.'LR' ('RX0[51]<Vesecký potok'c'Vesecký rybník.'Nkdgtge/Xguge.'7478.'5; 2'o.'U.Y.<[51a]<Vesecký potok'>380XK003 ; ; 8.'80XK003 ; ; 8.'x-g'Q0'J qxqtm'c'ni'v0[51b]<Vesecký rybník.'80XK003 ; ; 8.'Q0'J qxqtm'c'ni'v0[52]<r qvqm Zlatník.'>'ncv'Qng-p'leg.'747.' : U.Y.<[52a]<Zlatník.'922/972'o'<440XK04227.'3; ; 0XK04228.'40XK04228.'x-g'REj=[52b]<Zlatník.'772/7; 2'o'<440XK04227.'3; ; 0XK04228.'4; ; 0KZ04228.'70XK04229.'40XK0422.'x-g'REj=[52c]<Zlatník.'672'o'<390XK04224.'50XK04226.'x-g'LL='440XK04227.'REj0[53]<Ztracený potok'lklp 'qf'Pqx'2'jq'Q' u'c'rqf'U'otmg'o.'7279.'7379'<[53a]<Ztracený potok.'Nkdxgtfum' o'quv'rqf'U'otmg'o.'7379.'892/922'o'<U.Y.'420XK04228.'LL='U.Y.'3; 0XK04228.'REj=[53b]<Ztracený potok.'W'M'ugnm{.'7279.'822'o.'OV.'40XK0/330Z04228.LR' ('RX=[53d]<rtc o gpk-v .W'M'ugnk'y.'7279.'772'o.'U.Y.'3; ; 0XK04228.'REj=[53e]<Ztracený potok.'W'Ur'ngp'>'jqurqf{.'7279.'722'o.'U.Y.'3; ; 0XK04228.'REj=[53f]<rtc o gpk-v .W'Ur'ngp'>'jqurqf{.'7279.'722'o.'U.Y.'3; ; 0XK04228.'REj=[53g]<Ztracený potok'ux|0'qf'Nwf'f'mqxc'rqf'U'otmg'o.'7279.'672/692'o.'U.Y.<420XK04228.'LL='3; ; 0XK04228.'REj0

X UNGFM ["C" FKUMWUG

R gjngf' |lk-v p ej'ftwj

R k'rt |mwow'x'ngvgej'3; ; 6422:'d{ 'n'xg'ungfqxcp2' o'Á|g'o'f' |f'um'ap' o'cvgtk'an'qduc'jw|f'e'f' 32'459'g'zgo'rn' e'jtqum'f'm'9'49:'uc'oe'.4": 39'uc'oe."364'hctgx+p'ngflgl'f'ej'354'ftwj' o' 88'tqf'3; ; gngf'f'X'p'angfwl'f'e'f' o'r gjngfw'luqw'Á'fclg'rtq'qj'qf'flgp2.'x' |'ep2' k'xg'ungfqxc/p'2' o'Á|g'o'f'qlg'f'kp'ng' |lk-v p'2'ftwj { 'wxg'fgp2'xg'uvtwmw'g'<' |mt'æg'p' p'a|gx'ngmcnk'v{ 'c'lgl'f'm>f' *x'j'tcpcv2' |'axqte'g+.fcw'o'ud' tw.'rq'gv'lgf'kpe'0'O'gv'qfc'ud' tw'lg' |o'f'p'pc'rqw'g'x'r'f'rcf'.' flg'o'cvgtk'an'd' |n'wnq'xgp'pc'ux' vq'N+0'Rtq'j'qlp' |cuvq'w'rgp2'ftwj { 'luqw'wxg'fgp' { 'rqw'g'egnmqx2' rq'v' |lg'f'kpe' .kpvgtxcn.'mf{ 'd'nc'ud'f't'pc'k'oc'ic' o' u'f'eg'x'gnm'ok' f'oum'ok' f'unkeg'ok+'.c'x'gv' |mt'æg'p' ej'p'a |x'ngmcnk'v'c'lgl'k'ej'm>f'f{ *x'j'tcpcv2' |'axqte'g+.rq'f'mvgt'ok'ug'x'mc'rk'vqng'R'gjngf' |mqw'oc'p' ej'ngmcnk'v'pcej'a |f'rq'f'tqdp' l-'f'Á'fclg'q'ngmcnk'v'c'q'mqn'p'quvgej'ud' tw0

U'ó'm'cvgi'q'k'g' |'gtxgp2'jq'ug' |pc'ow'qj'qf'flgp' ej'ftwj 'dg' |q'd'tcv'm' ej' T'Š'E'j'x'qlm'c'gv'cn0' 4227+<'RE'ó'rtq'Á|g'o'f' T'x'ok' |gn .CR'ó'>'m'k'v'kem' { 'qj'qf'flgp .GP'ó'q'j'qf'flgp .XW'ó' |tc/ p'k'v'g'p' "ftwj0

Rhyacophilidae

Rhyacophila fasciata J cigp."3:7;

Nkvt^atp^fÀfclg^cPqx^am*3;84+."Twenk*4229+0

Ftwj"lg"x"Gxtqr .u"x lk omqw"Crqpkpum²jq"c"R{tgpplum²jq"rqnqquvtqxc."|cuvqwrp"~ktqeg"
tq|~|gp o"pq okpqr{kem o"rqfftwjg o"cx"fc~|ej"rqfftw|e"j"ug"x{um{vwlg"pc"R{tgpplum² o"
rqnqquvtqxc "c"|cucjwlg"r"gu"Ocnqw"Cukk"fq"Nkdcpqpw."pc"Mcxmc|"c"fq"ugxgtp|jq"~t^apw0"X" T"
jqlp "x"rqvqe|ej"rcjqtmcvkp"cjqt."d flp "tqxp fl"xg"ungfqxcp²o"À|go"~kocic"432" ."
3:" +|rq"egnqw"ug|»pw"XK0"ó"KZ0+0

Cpf num "rqvqm"]3c="Bílý potok"]5c.d="o qm cf{"wD"m²jq"rqvqm"]5g="Blatný potok"]6c="]6e.<*N=" gtp"Pluc
];c.g="r"fvqm" gtp²Pku[";i=" gtp "rqvqm"]32d=" gtp" f mc"]32e="r"fvqm"Ftc {jq"rqvqm"]35d="T"qne x't{dplm
]38d.<*N="Holubí potok"]38e="Jedlová"]39d.e="]39f.<*N="Jelení potok"]3: d="Lg keg"]3; c="Ješkrabec"]42c.d.k=" "
Jizera"]43c.d.e.h="R { p"~xqfc"]44c="Jizerka"]44d.<*N="]44f="Mng qx²nqwm{"]46.<*N="Pc" kjcfng"]53.<*N=" "
Prorubský potok"]59="Rovný potok"]5; d.<*N="T{d"nqw m{"]62.<*N="Uc um "rqvqm"]63c=" gtp"Uo f""]64d=" "
Uo f""]64e="Velký Štolpich"]68d.<*N="Velká Rybí voda"]72e="Zlatník"]74d.e="Ztracený potok"]75c.e.i_0

*Rhyacophila nubila** \ gwtgvtgfv."3: 62+

Nkvt^atp^fÀfclg^cPqx^am*3;84+0

Ftwj"tq|~|gp "xg"x ejqfp" a"uvk"Gxtqr {"c"r gu"Ocnqw"Cukk"cf"fq"K|tcngn"~c"ugxgtp|jq"~t^apw0"
Jqlp "ftwj."rtghgtwlg"x v~|rqvqm{"c" gm{"uv gfp|ej"~c"pkf|~ej"rqnqj."pc"ux vq" d{n"wnqxgp"
k"xg"~xtejqnqx ej"rcvtk|ej"Lk|gtum ej"jqt"385" .76" =XK0/Z0+0

Bílý potok"]5d="Blatný potok"]6e.<*N="Bukovec"]7c.<*N="Bulovský potok"]8="Jedlová"]39f.<*N="Lg keg"]3; d=" "
Jizera"]43e.h.i="Jizerka"]44d.f.<*N="Libverdský potok"]48="Lomnice"]49f="Mariánskohorské boudy"]52.<*N=" "
Rovný potok"]5; d.<*N="T{d"nqw m{"]62.<*N="Uo f""]64e.f.g.k.l="rybník Dubák"]64m.<*N="Uo tflqum "rqvqm
]66c.<*N="t{dpl gm."Jqtpf"Nw cp{"]66e="Velký Štolpich"]68f="Štolpich"]68l="Zlatník"]74e_0

Rhyacophila obliterata OeNcejncp."3: 85

Nkvt^atp^fÀfclg^cPqx^am*3;84+."Twenk*4229+0

X"Gxtqr "ktqeg"tq|~|gp "ftwj."|cucjwlg"ef"cf"pc|"a rcfp"Ukd0"Jqlp "x"jqtum ej"~c"rqfjqt/
um ej"rqvqe|ej"~c" f m^aej."kocic"7;" "c"7" +|nqxgpc"qf"KZ0"fq"rq "avmw"ZK0

Blatný potok"]6e.<*N=" gtp"~Fgup""]9d=" gtp"~Pluc[";c="Harcovský potok"]37c.d="r"fvqm" M g o gpp²jq"
potoka"]37f="Ješkrabec"]42c.d.k="Jizera"]43d.e.h="R { p"~xqfc"]44c="Jizerka"]44d.f="Kamenice"]45d="potok,
Horní Maxov"]66d="Velký Štolpich"]68e.<*N="Zlatník"]74c.d_0

Rhyacophila polonica OeNcejncp."3: 9;

Nkvt^atp^fÀfclg^cPqx^am*3;84+0

X um{v"xg"uv gfp"~c"lkjqx ejqfp"Gxtqr ."d flp "ftwj"x"jqtum ej"~c"rqfjqtum ej"rqvqe|ej."
x"Lk|gtum ej"jqt^aej"d{n"l~v pq"78" "c"6" *40"rqnqxp"XK0/Z0+0

Bílá Desná"]4="Blatný potok"]6e.<*N=" gtp"~Fgup""]9c=" gtp"~Pluc[";g="r"fvqm"Ftc {jq"rqvqm"]35e="Jed-
lová"]39e="Jelení potok"]3: c.d="r"fvqm"Lg keg"]3; h="r"fvqm"Lg-mtcddeg"]42h="Jizera"]43c="Krásný potok"]43f=" "
Lomnice"]49d="Uo tflqum "rqvqm"]66c.<*N="Ztracený potok"]75c_0

Rhyacophila tristis"Rkevgv."3: 56

Nkvt^atp^fÀfclg^cPqx^am*3;84+0

X{um{vwlg"ug"xg"uv gfp"~c"lkfpl"Gxtqr ."|cucjwlg"cf"fq|"a rcfp"~Cpcvqng0"X" T"x"rqvqe|ej"jqt"
c"rcjqtmcvkp"jqlp ."x"E JMQ"Lk|gtum² jqt{"r qw|g"nqm^anp "u"oczko go"x um{vw"~koci"x"XK0"
*389" "c"92" +0

Bílý potok]5d_=" o qm cf{"wDm²jq"rqvqmc"}5g_="r fvmq"fgup²"]34c_="r fvmq"ftc fjq"rqvqmc"}35d_="Ješkrabec
]42c.d.k_="r fvmq"Lg-mtcdæg"]42f_="t{dpfm."Ocn"Uvtcpc"}5;e_="Rovný potok"]5;f_="U o f""]64e_="Velká Rybí
voda"]72e_="Zlatník"]74c.d.e_0

Glossosomatidae

Glossosoma boltoni"Ewtvku."3:56

Gxtqr um "ftwj."x" T"rqw|g"nqma np "x"vqe|ej"u"mc o gpkv o "fpg o."xg"ungf qxcp² o "À|g o"¶
pc"fqnp¶ o "vqmw"U o f²0

U o f""]64k_<390XKK04229."3" .8" *N+="]64l_<30/470XKK04229."3" ="rybník Dubák"]64m_<380XKK04229."3" ."
33" *N+0

Glossosoma conformis"Pgdkuu."3:85

Ftwj"tq|-¶ gp "x"Gxtqr "u"x lk o mqw"R{tgpplum²jq"rqnqquvtqxc"Kuncp fw."x" T"x"rqvqe|ej"
c"¶ mªej"uv gfp|ej"cjqtum ej"rqnqj"jqlp 0"X"Lk|gtum ej"jqtªej"d{nq|lk-v pq"rqw|g"33" "
c"34" *XK0/XKK0+0

¶qne x"t{dpfm"}38d_<*N+="Jedlová"]39f_<*N+="Ješkrabec"]42d.k_="r fvmq"Lg-mtcdæg"]42h_="Mariánskohorské bou-
dy"]52_<*N+="Rovný potok"]5;d_<*N+="T{d¶"nqwm"}]62_<*N+="t{dp¶ gm."Jqtp¶Nw cp{"}66e_="r fvmq"¶vqrkejw
]68n.q_="Zlatník"]74c.d_0

Agapetus fuscipes"Ewtvku."3:56

X{um{vwlq"ug"x"Gxtqr "u"x lk o mqw"Dcnmªpw"cgugxgtp¶"Umcpf kpªxkg0"¶Tq|-¶ gp"rq"egn² o "À|g o"¶
T."x{um{vwlq"ug"x-cm"nqma np ."rtghgtwlg"rtc o gp{"c"rtc o gpp²"rqvqm{"u"mc o gpkv o "uwdvutªvg o"0
Xg"ungf qxcp² o "À|g o"¶|lk-v pq"38" "c"38" *XK0/KZ+0

gtp "rqvqm"]32d_="Ješkrabec"]42d.k_="r fvmq"Lg-mtcdæg"]42e.f.g_="Tcf kem "rqvqm"]5;="Uc um "rqvqm"]63c_="
r fvmq"Ocn²jq"¶vqrkejw"]68k_="Zlatník"]74c.d_0

Synagapetus iridipennis"OeNcejncp."3:9;

Xg"uv gfp¶Gxtqr "c"pc"Dcnmªp ."x" T"nqma np ."pc"xjqfp ej"rtc o gpk-v|ej"cj"rqv e|ej"jqlp 0"
Xg"ungf qxcp² o "À|g o"¶|lk-v p"rqw|g"x"pplx ejqfp l-¶ª"uvk"E JMQ"Lk|gtum²"jqt{"ªegnmgo"
"c"86" .XK0/XKK0+0

r fvmq"ftc fjq"rqvqmc"}35d_="rtc o gpk-v "w"\ncv²"Qng-plæg"]35f_="Ješkrabec"]42c.d_="r fvmq"Lg-mtcdæg"]42e.f.g.h_="
Zlatník"]74c.d_0

Ptilocolepidae

Ptilocolepus granulatus"*Rkevgv."3:56+

Ftwj"-ktqeg"tq|-¶ gp "xg"uv gfp¶Gxtqr ."|cucjwlg"cf"fq"R{tgppl¶"c"pc"Crgpkpum "rqnqquvtqx0"
X" T"nqma np ."r gfgx-¶ o"x"rtc o gpp ej"Auge|ej"rqvqm "u"rqqtquv{"Fontinalis"ur r0"clªvtqxgm0"
X"E JMQ"Lk|gtum²"jqt{"x"rt d jw"XK0"cg"XKK0|lk-v pq"4:" "c"3:" 0

gtp "rqvqm"]32d_=" gtpª"¶ mc"}32e_="r fvmq"ftc fjq"rqvqmc"}35d_="Ješkrabec"]42k_="r fvmq"Lg-mtcdæg"]42h_="
Llpf kejqxum "o qm cf"}4;d_="Šindelový potok"]67c_="Velká Rybí voda"]72e_="rtc o gpk-v "rqf"Vl-kppqw"]72g.h_="
Zlatník"]74c.d_0

Hydroptilidae

Hydroptila forcipata"*Gcvqp."3:95+

Gxtqr um "ftwj"|cucjw|¶e¶"fq"Ocn²"Cukg"cg"pc"Mcxmc|.x" T"d flp "x"rqvqe|ej"cj"¶ mªej"uv gf/
p|ej"rqnqj0"|"Lk|gtum ej"jqt"rqw|g"lgfkp "pªng|0

¶qne x"t{dpfm"}38d_<460XKK0422:"3" *N+0

Hydroptila sparsa"Ewtvku."3:56

\^arcfqrncgctmvkem "ftwj."x" T"jqlp "x"vqe{ej"uv gfp{ej" c"pkfl-^fej" rqnqj."xg"ungfqxcp² o"
À|g o{||lk-v p"rqw|g"qlgfkp ng0
U o f^a"j64l<30/470XKK04229."3" 0

Orthotrichia costalis"*Ewtvku."3:56+

\^arcfqrncgctmvkem "ftwj."x" T"tq|-^f gp "x"|ctquv ej"uvqlcv ej"xqf^aej."pc"Ht fncpvumw"
|lk-v p"x"t{dp{eg" w" gtpqwul
o qm cf." gtpqwul{/X"Rqmk"}64 o<470XKK0/390XKK04229."4" 0

Agraylea multipunctata"Ewtvku."3:56

Jqncctmvkem "ftwj."x" T"xg"uvqlcv ej"xqf^aej"u"o cmtqxxgigvce{rq o tp "tq|-^f gp "ftwj0
^{tv}qne x"t{dp{m"}38d<460XKK0422:"4" *N+=t{dp{m."O cn"Uvtcp"}5;e<460XKK04227."8" .3" =420XKK04228."3" 0

Agraylea sexmaculata"Ewtvku."3:56

\^arcfqrncgctmvkem "ftwj."x{x{um{vwlg"ug"pc"egn² o"À|g o{ T."cx-cm"nqm^anp "c"x v-kpqw"pgrq/
gvp "x"|ctquv ej"uvqlcv ej"xqf^aej"p{flk"p" c"rcjqtmcvkp0
rybník Dubák"}64m<380XKK04229."3" *N+0

Philopotamidae

Wormaldia occipitalis"*Rkevgv."3:56+

X"Gxtqr *dg|^pglugxtp l-^fej" ^auv{⁺-ktqeg"tq|-^f gp "ftwj."xgn ok"jqlp "x"rtc o gpej" c"ftqd/
p ej"rqv e{ej"pc"egn² o"À|g o{ T="k o c i c"*89" "c"43" +^rq"egnq"ug|>pw"*XK0/Z0+0
Ftc {^rrqvm"}35c=^rrtc o gpk-v "w" \ncv²"Qng-p{eg"}35f=^o qm cf" w" \ncv²"Qng-p{eg"}35g=^r {vqm} J ctequm² j q"
potoka"}37e=^r {vqm} Lg keg"}3;g.h=<sup>Ješkrabec"}42c.d.k=^r {vqm} Lg-mtcdeg"}42f.h=^rrtc o gpk-v "w" Lg-mtcdeg"}42j=^r
r {vqm^{tv}vqrkej w"}68m.p=^{Velká Rybí voda"}72e=^{Zlatník"}74c.d.0}}</sup>

Wormaldia pulla"*OeNcejncp."3:9:+" U<XW

Ftwj"tq|-^f gp "xg"uv gfp{Gxtqr ."pc"Cr gpkpum² o" c"Dcn^ampum² o" rqnqquvtqx 0"X" T"x|^ae/
p ."tgegpvp{^p ^ang|{⁺luqw"pcr 0"|⁺Qtnkem ej"jqt.Mt^ankem²jq"Up flp{mw." gum²jq"TMx ectumc"
c"Lk|gtum ej"jqt^axflf{⁺ug"l g f p" r q w | g " q " l g f p q v n x x²"gzgo rn^a g+."rtqvq{d{n"ftwj"}|c c|gp"o g|k"
|tcpkvgnp²ftwj{"*Ejxqlmc"gv"cn0"4227+0"Vtcfk p "ug"wx^af{lcmq"mtgpqdkqp."|{umcp" o cvgtk^an"
x-cm"d{n"ud{t^ap"x"qmqn"}r q f j q t u m e j " d { u v k p 0
Velký Štolpich"}68f<430XKK04228."3" =Malý Štolpich"}68g<430XKK04228."3" =Ztracený potok"}75e<420XKK0/350
XKK04228."3" =}75g<3:0XKK04228."3" 0

Rjknqrqvc owu"nwfkLecvwu"OeNcejncp."3:9:

Ftwj"ug"x{x{um{vwlg"x"egpvt^anp{^a uvk"Gxtqr {c"x"Kv^ank0"X" T"x"jqtum ej"rqvqe{ej"xgn ok"jqlp ."
x"Lk|gtum ej"jqt^aej"}|lk-v pq"396" "c":7" *X0/KZ0+0
Bílý potok"}5d=^o qm cf{"w"D{h²jq"rqvqmc"}5g=<sup>Blatný potok"}6e<{*N+= gtp^aP{uc"};g.h=^{gtp} "rqvqm"}32d=^r
gtp^a {⁺mc"}32e=^r {vqm} Fgup²}34d=^r {vqm} Ftc {⁺jq"rqvqmc"}35d=<sup>Hájený potok"}36e=^{tv}qne x"t{dp{m"}38d=^r
Jedlová"}39e."<sup>39f<{*N+= O cn" Lg keg"}3; i=<sup>Ješkrabec"}42c.d.i.k=^r {vqm} Lg-mtcdeg"}42e.f.h=^r {vqm} {⁺Mc o gpkeg
}45g.h.i.j=^r {vqm} x e j q f p " q f " X v t q x c / \ " v k - f " } 5 5 f = " U o f " } 6 4 e = " Šindelový potok"}67e=^r Velká Rybí voda
}72c.e._}72f<{*N+=Velký Štolpich"}68d.e.<{*N+."}68f=<sup>Malý Štolpich"}68g=^r {vqm} O cn² j q {vqm^{tv}vqrkej w"}68k=^r {vqm}
Štolpichu"}68m.o.p=^{Zlatník"}74c.d.0}</sup></sup></sup></sup></sup>

*Philopotamus montanus**Fqpqxcp."3:35+

Gxtqrqm "ftwj."x" T"jqlp "x"jqtum ej"cqrfjqtum ej"rqvqe[ej."xg"ungfqcpcp2o"À|go"|"x-cm" d{n" |lk-v p"rqw|g"qlgfkp ng";" "c"4" "+"pc"p mqnkmc"nqmcnkva"ej"x"qmtclqx ej"rctvk[ej" Lk|gtum ej"jqt"*X0/XKK0+

r fvm"nq o pkeg"]49e_="r fvm"Rgmnum2jq"rqvqmc"]56f_="Uo f""]64j_="Zlatník"]74c.d_="Ztracený potok]75g.i_0

*Philopotamus variegatus**Ueqrqmk."3985+

Ftwj"tq|-"gp "x"Gxtqr "*dg|"pglugxgtp l-"[ej" "auv|+"c"Ocn2"Cukk0"X" T"jqlp "x"rqvqe[ej"jqt" c"rcjqtmcvkp."x"EJMQ"Lk|gtum2"jqt{"wnqxpqp"336" "c"56" "*XK0/XKK0+

Bílý potok"]5d_="gtp "rqvqm"]32d_="Jedlová"]39e_="]39f_="*N+="Lg keg"]3;c.d_="r fvm"Lg keg"]3;h_="Ocn" "Lg keg]3;j_="r fvm"Lg-mtcddeg"]42f_="Jizera"]43i_="r fvm"Mc o gpleg"]45g_="Kamenice"]45l_="Prorubský potok"]59_=" Uo f""]64e_="Uo tflqxm "rqvqm"]66c_="*N+="Šindelový potok"]67c_="Velký Štolpich"]68d.f_="X gm"rqvqm"]6;_=" Velká Rybí voda"]72e_="]72f_="*N+="Zlatník"]74e_="Ztracený potok"]75e.i_0

Ecnomidae

*Ecnomus tenellus**Tc o dwt."3:64+

Rcngctmvek "ftwj."|cucjwl[e" "auvg p "k"fq"qtkgpv"np"qdnucvk0"X" T"tq|-"gp"x"pkfl-"[ej"rqvqj"aej" r gfgx-"|o"xg"uvqlcv ej"xqf"aej0

"mque x"t{dpfm"]38d_<"350XKK04226."3" .3" "*N+="460XK0422:."5" .4" "*N+0

Polycentropodidae

*Holocentropus picicornis**Uvgr jgpu."3:58+

Jqncctmvek "ftwj0"X" T"x"|ctquvn ej"uvqlcv ej"xqf"aej"x"pkfl-"[ej".rqr 0"uv gfp[ej"pcf oq um ej" x -m"aej0

rybník Dubák"]64m_<"380XKK04229."3" .3" "*N+="o qm cf." gtpqwu{/X"Rqk"}64o_<"360X0/390XKK04229."4" .4" 0

E{tpwu"tckfwu"OeNcejncp."3:86

Ftwj"ug"x{um{vwlg"x"Gxtqr "u"x lk o mqw"lkflp" "auvk"c" |cucjwlg"cf"pc"Ukdk 0"X" T"tq|-"gp" xg"uvqlcv ej"xqf"aej"c"x"rq o cnw"vqm qwe[ej"Àuge[ej" gm0

xqfp"p"ftf"Uqw-"]9e_<"90ZK03; ;6."3"nctxc="xqfp"p"ftf"Dgf kejqx"; f_<"90ZK03; ;6."3"nctxc="40XK03; ;7."3"nctxc=" t{dpfm."Ocn"Uvtpec"]5;e_<"460XK04227."3" 0

*Cyrnus trimaculatus**Ewtku."3:56+

Ftwj"tq|-"gp "x"Gxtqr ."Ocn2"Cukk"c"ugxgtp[o"~t"apw0"X" T"jqlp "xg"uvqlcv ej"kvqm qwe[ej" xqf"aej0" \t |p ej"dkqvq "xg"ungfqcpcp2o"À|go"|"lk-v ppq5:" "c": " "*XK0/XKK0+

Blatný potok"]6e_="*N+="Dwmqxe."rtc o gpk-v "]7d_="mque x"t{dpfm"]38d_="*N+="Holubí potok"]38e_="rybník, Malá Uvtpec"]5;e_="Uo f""]64l_="o qm cf." gtpqwu{/X"Rqk"}64o_="Uo tflqxm "rqvqm"]66c_="*N+="v "X"rgpme"]6;d_=" Vesecký rybník"]73d_0

Rqf{egpvtqrwu"lxcq o cewncvwu"Rkevgv."3:56+

Rcngctmvek "ftwj."xgn o k"jqlp "x"vqm qwe[ej"kvqlcv ej"xqf"aej0"X"Lk|gtum ej"jqt"aej"c"pc"Ht f/ ncpvumw"d{nq"ugdt"ppq";3" "c"4;" "*XK0/KZ0+"r gfgx-"|o"x"qm qm"x v-"[ej"rqvqm "c" | gm0

Blatný potok]6e_<^*N+=**Bulovský potok**]8_=" gtp^a"Pluc"];g_="mqe x^t{dpfm}]38d_<^*N+=**Holubí potok**]38e.f_=" Lg leg]3;d_="r fvm]Lg-mtcdeg]42h_="Jizera"]43e.i_="Krásný potok"]43f_="Kamenice"]45l_="Lomnice"]49f_="Pekelský potok"]56d_="Rovný potok"]5;d_<^*N+=**T{d{fhqw m{}**]62_<^*N+=**U o f^a**]64f.g.i.l_="]64k_<^*N+=**rybník Dubák**]64m_<^*N+=**Velký Štolpich**]68e_<^*N+=**Štolpich**]68r_="Vápenný vrch"]6:c_<^*N+

Polycentropus irroratus *Ewtvku."3:57+"" U<XW
Gxtqrum "ftwj."x" T"ug"x{um{vwlg"x|}^ep "c"nqm^np "x"rqvqe{ej}c" gm^ej."rqr 0"uvqlcv ej"xqf^aj"
u"mc o gpkv o "uwdvut^avg o."r tqvq"d{n" |c c |gp" o g |k" |tcpkvgnp^2" ftwj { *Ej xqlmc"gv" cn0"4227+0
mqe x^t{dpfm}]38d_<^460XK0422:."3" *N+=**Holubí potok**]38e_<^390X0/4:0XK04224."4" =**Vápenný vrch**]6:c_<^30XK0422:."3" *N+

Neureclipsis bimaculata *Nkppcgwu."397: +
Jqctm vkem "ftwj."x" T"-ktqeg"tq|-f gp "rqf^2n" gm^c"x v-fej"rqvqm "r gfgx-f|o"x"p^flkp^aj." |
|Ht fncpvumc"rqw|g]lgfkp "p^ang|0
Pertoltický potok]57c_<^30/470XK04229."3" 0

Plectrocnemia brevis "OeNcejncp."3:93
X{um{vwlg"ug"xg"x v-^" a uvk^Gxtqr {^ej {d{pc^R{tgpplum^2 o "c^Crgpkpum^2 o "rqnqqvvtqx . "pc^kuncp/
fw."x^ktumw^c"Umcpfkp^axk+^c"vcm^2"x"Vwtgemw^0"X" gej^aj"lg"rqo tp "x|^ep o "qd{xcvngg o"
rtc o gpk- "c^rtc o gpp ej"rqv m . "jqlp l-^f]lg"pc"x ejqfp^0 Qotcx 0
Bukovec]7c_<^360XK04223."4" *N+=^3:0XK04229."3" *N+=**rtc o gpk-v "w" \ncv^2"Qng-plæg**]35f_<^440XK04227."3" =
r fvm]Lg-mtcdeg"]42e_<^70/4:0XK04227."3" =**U o tflqxum "rqvqm"**]66c_<^3:0XK04229."3" *N+=**Zlatník**]74c.d_<^440XK04227."4" 0

Plectrocnemia conspersa *Ewtvku."3:56+
Nkvt^tp^f]Áfc|g<"Twek"4229+0
Ftwj"u"gxtqrum o"tq|-f gp|o."pc"pc-g o "À|g o^f]ug"x{um{vwlg"jqlp "r gfgx-f|o"x"rtc o gppgej"
c"rqvqe{ej}0"D flp "ftwj"K^xg^xtejqnqx ej"rctvk{ej"Lk|gtum ej"jqt."egnmg o"d{nq|^um^pq"448" "
c"73" *XK0/KZ0+^c"49"nctgxl

Bílý potok]5c_="Blatný potok"]6c.f_="]6e_<^*N+=**Bukovec**]7c_<^*N+=**Dwmqxe."rtc o gpk-v "7d_=" gtp^a"Pluc"];c.g_=" r fvm" gtp^2"Plu{"];d_="r fvm]xqf^p^p^f fflg^Dgf kejqx"];e_="mqe x^t{dpfm}]38d_<^*N+=**Holubí potok**]38e_=" Jedlová"]39e_="]39f_<^*N+=**r fvm]Lg leg**]3;g_="Jizera"]43c.d.e_="Jizerka"]44d.f_<^*N+=**Mng qx^2"nqwm{}**]46_<^*N+=**Lomnice**]49c_="Mariánskohorské boudy"]52_<^*N+=**P^c" kj c fng**]53_<^*N+=**Pqxqxgm^a"Pluc**]54_="Umcnp^"rqvqm]55c_="Oleška"]55d_="Poledník"]58_<^*N+=**Rovný potok**]5;c.f_="]5;d_<^*N+=**T{d{fhqw m{}**]62_<^*N+=**potok u Filipovky**]63d_="U o f^a"]64e_="U o tflqxum "rqvqm"]66c_<^*N+=**Velký Štolpich**]68d.e_<^*N+=**Malý Štolpich**]68g_="Vkej^a" f mc]69_<^*N+=**Velká Rybí voda**]72d.f_<^*N+."]72e_="Zlatník"]74e_="Ztracený potok"]75i_0**

Plectrocnemia geniculata "OeNcejncp."3:93"" U<XW
Ftwj"tq|-f gp "x|^a rcfp^c"uv gfp^Gxtqr "c"vcm^2"x" gemw^0—fclg|" gej"luqw|"rqungf^p^f^qd{"
x|^ep^2"lgf^pqvnx^2"p^ang|{"|"Mtw-p ej"jqt." gum^2jq^tm^x ectumc."Qtnekem ej"jqt."Mt^ankem^2jq"
Up flp^mw." figng|p ej"jqt."mw o cx{+^c" ftwj"lg"mncukLmqx^a"p"lcmq" |tcpkvgnp *Ej xqlmc"gv" cn0"
4227+0"X^E JMQ"Lk|gtum^2"jqt{"d{n"wnqxp^rq gvp l-^f" o cvgtk^a n"rq o qe^"ux vnc0
Mariánskohorské boudy]52_<^0/390XK04225."5" *N+=**Poledník**]58_<^3:0XK04227."3" *N+=**T{d{fhqw m{}**]62_<^80XK04226."3" *N+=**Velký Štolpich**]68d_<^40XK0422:."6" .3" *N+=**Velká Rybí voda**]72d_<^80XK0422:.;.;."4" "
*N+=]72f_<^50XK04226."3" *N+=530XK04228."3" *N+=370XK04229."35" .5" *N+

Psychomyiidae

Lype phaeopa *Uvgr jgpu."3:58+
Ftwj"-ktqeg"tq|-f gp "x"Gxtqr .|p^a o "k"|"Vwtgemc"cxg^gtp^jq^~t^a"pw^0"X" T"jqlp "rq^egnqw"
ug|>>pw"x^qm^q^t |p ej^v{r "xqf^0" |g^ungf^qxc^2jq^À|g o^f]rqw|g]lgfkp "p^ang|0
Holubí potok]38f_<^80XK04229."3" 0

*Lype reducta** Jci gp."3:8:+

\ ^rcfqrncgctmvek "ftwj0"X" T"jqlp "w"rqvqm "k"lkp ej"xf."xg"ungfqxcp2 o"À|go"ud"t"p"
lgfpvnxk ".*" .4" .X0/XKK0+0

Holubí potok]38e_="Lg keg"]3;d_="Ješkrabec"]42k_="Uc um "rqvqm"]63c_="potok u Filipovky"]63d_="Zlatník
]74e_0

*Psychomyia pusilla**Hcdtkek wu."39:3+

\ ^rcfqrncgctmvek "ftwj0"X" T"xgnok"jqlp "ftwj" gm"c"rqvqm "uv gfp"fej" c"pkfl-
fej"rqnj." pc"Ht fncpvumw" c"x"pkfl-
fej"rctvk"fej" Lk|gtum ej"jqt"|c|pcogp"p"q"9" "c"7" "X0/XKKK0+0

"qne x"t{dp"m"]38d_<"N+="Lomnice"]49f_="Uo f""j64f.l_."j64k_<"N+="v "Nq o"]64h_="rybník Dubák"]64m_<"N+="
Štolpich"]68l_="Vápenný vrch"]6:c_<"N+0

Tinodes pallidulus"OeNcejncp."3:9:

Ftwj"tq|-f" gp "x"Gxtqr "okoq"ugxgtp" "auv" c"R{tgpplum "c"Crpgpkpum "rqnquvtqx+"
vcm2" x"| ^rcfp"o"Vwtgemw0"X" T"tq|-f" gp"x"vgmqwe"fej"xf"fej"pkfl-
fej" c"uv gfp"fej"rqnj."x{um{vwl" g" ug"x-cm"rqw|g"nqm"np "c"pgrq gp 0

Pekelský potok]56d_<50XKK04229."3" ="Uo f""j64f_< ;0XKKK04226."5" .3" ="j64g_<50XKK04229."3" ="j64i_<
50XKKK04226."3" 0

Tinodes rostocki"OeNcejncp."3:9:

Nkygt"tp"Àfclg<U mqt c*3;84+0

Ftwj"tq|-f" gp "pc"x v-kp "À|go"Gxtqr{"*mtqo "ugxgtp" "auv" kuncp"fw.R{tgpplum2jq" c"Crq/
pkpum2jq"rqnquvtqxc+0"Xgnok"jqlp "x"tkvt"nw"uv gfp"fej"rqnj."xg"ungfqxcp2 o"À|go" |lk-v p"q"
3;8" "c"37:" "X0/XKKK0+0

Bílý potok]5d_="o qm cf{"wD"n2jq"rqvqm"]5g_="r fvqm"Ftc {jq"rqvqm"]35e_="Ješkrabec"]42d.k_="r fvqm"lg-mtcdg
]42e.f.g.h_="Jizera"]43c_="Kamenice"]45l_="r fvqm"Nq o pleg"]49e_="Nw cpum"Pluc"]4:c_="r fvqm"Rngmum2jq"rqvqm"]56f_="r
Rovný potok]5;c.f_="Uo f""j64e_="Velký Štolpich"]68f_="Štolpich"]68l_="r fvqm"vqariejw"]68m.n_="Zlatník"]74c.d.e_0

Tinodes waeneri"Nkppcgwu."397:+

\ ^rcfqrncgctmvek "ftwj0"X" T"tq|-f" gp "x"vgmqwe"fej" k"uvqlcv ej"xf"fej"j0

Blatný potok]6e_< ;0XKKK04226."3;" .4" "N+="Rovný potok"]5;c_<4;0XKK03; ;9."3" ="t{dp"m."Ocn"Uvtepc
]5;e_<460XK04227."3" ="420XKK04228."3" 0

Hydropsychidae

*Hydropsyche angustipennis**Ewtku."3:56+

Ftwj"-ktqeg"tq|-f" gp "x"Gxtqr ."wx"af p "k"|"twum2jq" F"np2jq"x ejqfw0"X"pc-kej"rqf o"p"m"fej"
v{rkem "qd{xcvgn"qfvqm "t{dp"m ."t{dpk p"fej"uvtwj" c"fcn-
fej"vqm "dqjcv ej"pc"uguwq."jqlp "c"rq gv/
p "ug"x{um{vwl"fej="x"pkfl-
fej"rctvk"fej"ungfqxcp2jq"À|go"wnq"xpq"467" "c"38" "X0/KZ0+0

"qne x"t{dp"m"]38d_<"N+="Holubí potok"]38e_="Pertoltický potok"]57c_="rybník Dubák"]64h_="o qm cf." gtpqw{/
V Poli"]64o_="Vesecký potok"]73c_="Vesecký rybník"]73d_0

Hydropsyche bulbifera"OeNcejncp."3:9:

Nkygt"tp"Àfclg<Ejxqlm< ("Pqx"m"4223+0

Ftwj"tq|-f" gp "xg"uv gfp" c"klfp" Gxtqr ."x"Ocn2"Cukk."kt"mw" c"ugxgtp" o"t"p"wj"X" gej"fej"
nqm"np ."pc"Oqtcx "jqlp "x"rqvqe"fej" c" gm"fej" x"pkfl-
fej" c"uv gfp"fej"pcf oq um ej"x -m"fej0

Uo f""j64k_<390XKK04229."5" .8" "N+="rybník Dubák"]64m_<380XKK04229."4" .7" "N+="Vápenný vrch
]6:c_< ;0XKKK03; ; ;3" "N+0

Hydropsyche bulgaromanorum"Ocnkem{.3;99

Ftwj"tq|-¶ gp "x"Gxtqr "qf"Dtkvum ej"quvtqx "rq"Twumq"cf"ang"cf"pc"Fa"np "x ejqf0"X" T" lg"x um{v"qog|gp"rqw|g"pc"xgm2" gm{"pc"|amncf "lgfkp2jq"gzgo rna g"p"ajqfp "wnqxp2jq" pc"ux vnaq.pgn|g"*H. bulgaromanorum*"rq ¶vcv"m"hcwp "Lk|gtum ej"jqt0

Uo tflqxm "rqvqm"j66c_<430XKKK04227."3" *N+0

Hydropsyche fulvipes"*Ewtvku."3:56+""

U<"GP

Ftwj"lg"|p"o " |g|"a rcfp¶."uv gfp¶c"lkjxq ejqf¶Gxtqr{0"X" T"ug"x{um{vwl'g'x|ep "x"ocn ej" rqv¶e¶ej"*tgegpp¶|p"ang{|"pcr 0"| gum2jq"m"x ectumc."|rqfj ¶|Uncxmqxum2jq"hguc."Qtnkem ej" c"figng|p ej"jqt."D¶n ej"Metrcv+"c"lg"rqxcflqxa"p"|c"qj tqfpgp "ftwj"*Ejxqlmc"gv"cn0"4227+0" X"EJMQ"Lk|gtum2jqt{"|lk-v p"rqw|g"x"pglx ejqfp l-¶ "a uvk0

r ¶vqm"¶tc ¶jq"rqvqm"j35d_<440XK04227."4" =r ¶vqm"lg-mtcedeg"j42f_<40XK0422:"."4" =]j42h_<3;0XKK04228."6" 0

Hydropsyche incognita"Rkvuej."3;;5

Nkgt"tp¶"Àfclg<"Ejxqlmc" ("Pqx"am"4223+0

"Mktqeg"tq|-¶ gp "ftwj"x"Gxtqr ."fa"ng"x"Vwtgemw"cf"pc"Dn¶||m2"o"x ejqf 0"Jqlp "ftwj"rqvqm " c" gm."p"ang|"|"Lk|gtum ej"jqt"*Dwmqxe+"lg"ur¶-g"p"ajqfp 0

Bukovec"j7c_<50XKKK03;;."3" *N+=""Uo f"¶]64k_<390XKK04229."4" *N+0

Hydropsyche instabilis"*Ewtvku."3:56+

Nkgt"tp¶"Àfclg<"Ejxqlmc" ("Pqx"am"4223+0

Tq|-¶ gp"x"Gxtqr *dg|"Kuncpfw"cf"Umcpfkip"axkg+."Ocn2"Cukk.ugxgtp¶o"~t"apw0"X" T"d flp "ftwj" rqvqm "c" ¶ gm"uv gfp¶ej"rqnj."x"Lk|gtum ej"jqt"aj"Anqxm{"|g"ux vnc"|"|xtejqnqx ej"rctvk¶ ¶egmgo"82" .XK0/XKKK0+0

"Mqne x"t{dp¶m}38d_<*N+=""Holubí potok"j38e_="Jizera"j43e_<*N+=""Mng qx2"hgwm{"j46_<*N+=""Mariánskohorské boudy j52_<*N+=""Pc" kjc fng"j53_<*N+=""Rovný potok"j5;d_<*N+=""T{d¶"nqw m{"j62_<*N+=""Uo f"¶]64k_<*N+=""Uo tflqxm " potok"j66c_<*N+=""Velký Štolpich"j68e_<*N+=""Vlejša" ¶ mc"j69_<*N+=""Vápenný vrch"j6:c_<*N+=""Velká Rybí voda j72f_<*N+0

Hydropsyche pellucidula"*Ewtvku."3:56+

Nkgt"tp¶"Àfclg<"Ejxqlmc" ("Pqx"am"4223+0

Ftwj"wx"af p "pc"|amncf "tgxkfqxcp2jq"o cvgtk"anw|"Gxtqr{"qf"Xgm2"Dtkv"p"kg"rq"Dwnjctumq." cx-cm"ctg"an"ftwjw"pgp¶|lg-v "fqd g"|p"o 0"X" T"-ktqeg"tq|-¶ gp "x"vgmqwe¶ej"xqf"aj"uv gf/ p¶ej"cf"pkfl-¶ej"rqnj0

Uo f"¶]64k_<390XKK04229."5" *N+=""Vápenný vrch"j6:c_<;0XKKK03;;."3" *N+0

Hydropsyche saxonica"OeNcejncp."3::6

Ftwj"|p"o " |x v-kp{"gxtqrum ej"|g"o¶."-ktqeg"tq|-¶ gp "k"x"rqv¶e¶ej"x" T0

Holubí potok"j38e_<520XK0/320XKK04224."39" =rybník Dubák"j64h_<3;0/530X04227."3" 0

Hydropsyche siltalai"F¾jngt."3;85

Nkgt"tp¶"Àfclg<"Ejxqlmc" ("Pqx"am"4223+0

X"Gxtqr *u"x lk"omqw"Decm"pw+"c"x"lklp¶|Cpcvqnk0"X" T"d flp "ftwj"vgmqwe¶ej"xqf"qf"x v-¶ej"rqvq/ m "rq"gm{0"Ocvgtk"an"wnqxp "pc"ux vnaq*55" .XKK0/XKKK0+}rcej"aj"¶|rtexf rqqdp "|g"Uo f20

™qne x't{dpf'm}j38d_<™N+=Uo f'a"]64k_<™N+=rybník Dubák"]64m_<™N+=Velký Štolpich"]68e_<™N+=Vápenný vrch]6:c_<™N+=Velká Rybí voda"]72f_<™N+0

Hydropsyche tenuis"Pcx^au."3;54""

U<'GP

X um{v'ftwjwlg'qog|gp'pc'uv gfp'c'lkjql'arcfp'Gxtqrw0'\ T'lg'rqw|g'p mqnkm'o^anq'qlgfk/p n ej'p^ang|™™wocxc." gum²™™x ectumq.'Mtmqpq-g.'Qtnkem²jqt{+.rtqvq'lg'ftwj'mncukŁmqx^ap' lcmq'qj tqflgp *Ejxqlmc'gv'cn0'4227+0'Dkqnqikg'ftwjw'pgp'fqd g|p^ao^a.p^ang|{ 'rrej^a|gl'|'rqf/ jqtum ej'rqvqm 'c' g' gm0'lgfkp 'gzgo rna '|Lk|gtum ej'jqt'd{n'wnqxp'pc'ux vq'pc'tc-gnkpk-vk' x'RT'Pc' kjcfnq.'rqmwf'ftwj'p^angfl'm'hcwp 'Lk|gtum ej'jqt.'dwfg'x^a|^ap'pc'vqm{x'rqfj '0 Pc' kjcfnq]53_<340XK04229."3" *N+0

Phryganeidae

Agrypnia pagetana"Ewtvku."3:57""

U<'XW

Jqncmtvkiem "ftwj.'x{um{vwl'ef'ug'r gfgx-|o'xg'uvqlcv^aej'xqf^aej.'r'rcfp '|ctquv ej'rqocnw' vgmqwe'fej'xqf^aej'0'X' T'ug'ftwj'x{um{vwl'urqtc'fkem{c'lg'rxcfcfx^ap'|c'|tcpkvgp *Ejxqlmc' gv'cn0'4227+0

™qne x't{dpf'm}j38d_<490KX04222."3" 0

Agrypnia varia"Hcdtkekwu."39;5+

Ftwj'tq|-|gp "x'Gxtqr .'Vwtgemw.'ugxgtp|o'~t^apw'c'pc'|arcfp'Udkk k0'X' T'ug'x{um{vwl'g' nqm^anp "x't |p ej'v{rrej'uvqlcv ej'xqf0

Mng qx²hqw]46_<370XKK04225."3" =Pc' kjcfnq]53_<360XKK03;.;.3" =60XKK03;.;.4" .5" =70-320XKK04226."5" .5" =340XK04229."3" .3" =o qm cf. gtpqwu{/X'Rqnk"]64o_<470XKK0/390XKK04229."3" 0

Oligostomis reticulata"Nkppcgwu."3983+""

U<'XW

X um{v'xg'uv gfp'c'ugxgtp'Gxtqr 'c'gxtqrum²"^auvk'Twumc0'Ftwj'd{n'x' T'|p^ao "rqw|g'|"qlgfkp n ej'p^ang|.c'rtqvq'd{n'mncukŁmqx^ap'lcmq'|tcpkvgp *Ejxqlmc'gv'cn0'4227+0'Pgp' x-cm'x{nqw gpq.'flg'x um{v'd{n'rqfj'qfpqegp'x|jngfg'o'm' cup 'lctp|ow'x um{vw'koc'ic'0'fiklg' pc't |p ej'v{rrej'oqm cf 'x'pkfl-|ej'c'uv gfp'fej'rqnqj^aej0

Uo f'a"]64j_<340X04228."3" =rybník Dubák"]64n_<60/530X04227."4" .3" 0

Oligotricha striata"Nkppcgwu."397:+

Ftwj'tq|-|gp "xg'uv gfp'c'ugxgtp'Gxtqr "qf'Dtkvum ej'quvtqx "rq'Twumq0'X' T'jqlp "x't |p ej'uvqlcv ej'xqf^aej'x gvp 'tc-gnkpp ej'v p'0'Xg'ungf'qxc'p'o'À|g'o'f'd{nq'|c|pc'ogp^app' 32" "c'37" *X0/XKK0+0

Bílý potok]5d_="Blatný potok"]6c_="Jizera"]43e_="Jizerka"]44f_="Pc' kjcfnq]53_="o qm cf. gtpqwu{/X'Rqnk]64o_0

Trichostegia minor"Ewtvku."3:56+

Ftwj'-ktqeg'tq|-|gp "x'ugxgtp'c'uv gfp'Gxtqr "c'vc'm²'pc'Cr'gpkpum²o'rqnqqvvtqx "xg'uvq/ lcv ej'xqf^aej'k'x'mnkfp ej'Àuge'fej'vqm .x' T'd flp 0

™qne x't{dpf'm}j38d_<350XKK04226."3" *N+=Vápenný vrch"]6:c_<30XKK0422:."5" *N+0

Phryganea bipunctata"Tgv|kwu."39:5

Gwtcuklum "ftwj'tq|-|gp "qf'ugxgtp'c'uv gfp'Gxtqr{'r'gu'Twumq'rq'Mco'cvmw'x't |p ej' v{rrej'uvqlcv ej'k'rqocnw'vgmqwe'fej'xqf0'X' T'd flp "ftwj0

™qne x't{dpf'm}j38d_<4:0XK0422:."3" *N+=Pc' kjcfnq]53_<340XK04229."3" 0

Phryganea grandis"Nkppcgwu."397:

Ftwj|p^ao |"Gxtqr{*u"x lk o mqwkdgtum²jq"rqnqqvqtqxc+c"Ukdk g."-ktqeg"tq|-| gp "k"x"pc-kej" xqf^aej|0

Uo f^a]64k<390XKK04229."4" *N+=**"Velký Štolpich"**68d<40XKK0422.:."3" *N+=**"Vápenný vrch"**6:c<30XKK0422.:."3" *N+=0

Brachycentridae

Micrasema longulum"OeNcejncp."3:98

Ftwj"tq|-| gp "x"lkjq|^arcfp|^ac"uv gfp|Gxtqr ."x" T"qdgep "x"rqfjqtum ej"rqvqe|ej"c" | / m^aej|0 Xg"ungf^aqxc²o"À|g o|"*egnmgo"ugdt^apq"34:." "c"3:." .XK0/XKK0+|"g"xgnok"jqlp " xg"Uo f².Lk|g g"Mc o gpkék|0

Ocn^a"Lg keg"]3;j_=**"Ješkrabec"**]42k<40XKK0422.:."3" 0 Uo f^a]64e_=**"Zlatník"**]74c.d.0

Micrasema minimum"OeNcejncp."3:98

Gxtqr um "ftwj"*ej{|d|"rqw|g"pc"ugxgtw+."x" T"x"rqfjqtum ej" | m^aej"c"rqvqe|ej"rq"egn²o" À|g o|0

"Ješkrabec"]42k<40XKK0422.:."3" 0

Goeridae

Goera pilosa"*Hcdtkekwu."3997+

X um{v"x"Gxtqr "c"x"Vwtgemw."x" T"-ktqeg"tq|-| gp "x"rqvqe|ej"c" gm^aej"x"pkfl-|ej"c"uv gfp|ej" rqnqj^aej|0 Ocygtk^an|"|umcp "|g"ungf^aqxc²jq"À|g o|"rcej^a|"|rtcx f r^aqf^aqdp "|g"Uo f²*egnmgo" :." "c"3" .XK0/XKK0+0

^Uqne x^t{d^pm"}38d<.*N+=**"Mq k |r^aqvm"**]47_="Uo f^a]64k<.*N+."64L.0

Silo pallipes"*Hcdtkekwu."39:3+

Ftwj"tq|-| gp "x"Gxtqr "d^g|"Kuncp^afw" c"R{tgpplum²jq"rqnqqvqtqxc+c"x" |^arcfp|o"Vwtge/ mw0"X" T"jqlp "x"rqvqe|ej."x"lk|gtum ej"jqt^aej"c"pc"Ht fncp^avumw"|lk-v pq"33" "c"4" " *XK0/XKK0+0

"Blatný potok"]6e_="Lg keg"]3;c_="Ocn^a"Lg keg"]3;j_="Uc um "r^aqvm"]63c_="Uo tflqum "r^aqvm"]66c<.*N+=**"Štolpich"**68L_="r^aqvm"^Uvqrkejw"]68n.0

Silo piceus *Dtcwgt."3:79+

Ftwj"tq|-| gp "xg"x v-|"^auvk"Gxtqr {"mtqo" Kuncp^afw."Dtkvum ej"qvvtqx ."Umcp^afkp^axkg" c"R{tg/ pglum²jq"rqnqqvqtqxc+0"X" T"rqo tp " cuv "x"ogp-|ej" gm^aej"c" | m^aej|0

Uo f^a]64k<390XKK04229."5" .3" *N+=0

Lepidostomatidae

Lepidostoma basale"*Mqngpcvk."3:6:+

Gxtqr um "ftwj"*ej{|d|"lgp"xg"Umcp^afkp^axkk."pc"Kuncp^afw" c"x"Rqt^avi cnumw+."x" T"jqlp 0"Rtghgtwlg" ur|g"ogp-|"vqm{."pc"Ht fncp^avumw"|lk-v p"xg"Uo f²*;." .32" .X0/XKK0+0

Uo f^a]64k<.*N+."64L_="oqm cf." gtpqwu{X"Rqk"}64o.0

*Lepidostoma hirtum**Hcdtkekwu."3997+

Ctg^an^{ftw}jw|c|jtpwlg^{Gxtqrw}.Ocnqw^{Cukk}.~t^ap.^{Vwtm}ogpkuv^ap.^{Twumq}x gvp ^F^anp²jq^x ejqfw."
Oqpⁱqumq.^{Mqtgw}.Lcrqumq⁰X" T^d flp "x" ¶ m^aej^c" gm^aej.^{xg}ungfqxcp²o^À|g^o¶|lk-v pq³;" "c":⁷" *XK0/XKK0+0

Bukovec]7c_<*N+=^{U o f}^a]64k_<*N+."]64l_=^{rybník Dubák}]64m_<*N+0

*Crunoecia irrorata**Ewtvku."3:56+

Ftwj^ugxtqrum o^{tq}|-¶ gp^o¶^ej {d[¶]x^lkflp[¶] ^auw^kDcm^apw+⁰X" T^{xgn}ok^jqlp "pc^rtcogpk-vp[¶]ej"
oqm cfgej."|t |p ej[¶]ncmckv^{Lk}|gtum ej^jqt[¶]|lk-v pq⁴⁹" "c"⁵²" *XK0/KZ0+0

Bílý potok]5d_=^{Holubí potok}]38c_=^{Jedlová}]39e_=^r ¶vqm^{Lg-mtcdeg}]42e.f.h_=^rtcogpk-v "w^{Lg-mtcdeg}]42j_=^r
Velký Štolpich]68f_=^{Malý Štolpich}]68g_=^rtcogpk-v "w^Jglpk^e/Hgt flpcpfqxc[¶]]68i.j_=^r ¶vqm^Ocn²jq[¶]vqrke^jw
]68k_=^r ¶vqm[¶]vqrke^jw[¶]]68m.n.o.p.q_=^{Velká Rybí voda}]72f_<*N+=^rtcogpk-v "rqf^{Vk-kpqw}]72h_=^rtcogpk-v "
W^U^r^angp²jqurqf[¶]]75h_0

Limnephilidae

Apataniinae

Crcvcpkc"*Łodtkvc*"*Rkegv."3:56+

Nkvt^atp[¶]Áfclg^{Vq}o^cu|gyumk^{*3};54+."Twemk^{*4229+0}

Uv gfgxxtqrum "ftwj⁰X" T^{xgn}ok^jqlp "x^jqtum ej^rqvqe[¶]ej."r ¶r⁰uwvfgp ej^rtcogpgej."
|^EJMQ^{Lk}|gtum²¶jqt[¶]{dⁿ|¶um^ap^{xgn}ok^dqjcv "ocvgtk^an^{*3}764" ".493" "c"³⁸nctgx=ⁿ
kocic^qf^mqpeg^X0^fq^Z0+0

Bílá Desná]4_=^{Bílý potok}]5c_=^r ¶vqm^D¶²j^qr^qvqm^c]5e_=^oqm cf[{]"w^D¶²j^qr^qvqm^c]5f.g_=^{Blatný potok}]6c_=^r
gtp^aFgup^a]9c_=^r gtp^aPluc[¶];c.g_=^r ¶vqm^xqf^p¶^af^{flg}Dgf^{kej}qx[¶];e_=^r gtp "rqvqm[¶]]32c_=^Ftc ¶^rqvqm[¶]]35c_=^r
r ¶vqm^Ftc ¶^jq^rvqm^c]35d_=^{Harcovský potok}]37c_=^{Jedlová}]39c.d_=^{Jelení potok}]3:c.d_=^{Ješkrabec}]42c.d_=^r
r ¶vqm^{Lg-mtcdeg}]42e.f_=^{Jizera}]43c.d.e_=^{Krásný potok}]43f_=^{R ¶}p^a"xqf^c]44c_=^{Jizerka}]44d.f_=^{Uch[¶]tx}"
potok[¶]]44e_=^{Mng qx²nqwm}]46_=^{Mariánskohorské boudy}]52_<*N+=^{Rovný potok}]5:c_=^r gtp^aU^o f^a]64d_=^r
U^o f^a]64e_=^{Šindelový potok}]67c_=^{Malý Štolpich}]68g_=^rtcogpk-v "w^Jglpk^e/Hgt flpcpfqxc[¶]]68i_=^r ¶vqm[¶]
Štolpichu[¶]]68m.o_=^{Velká Rybí voda}]72e_=^{Zlatník}]74d_0

Drusinae

*Anomalopterygella chauviniana**Uvqkp."3:96+

Ftwj^{tq}|-¶ gp "xg^{uv}gf^p¶c^{lk}jq|^arcf^p¶^{Gxtqr}."x" T^p^ao "nqm^anp "|^rqvqm "x^jqtum ej"
qdncuvej0

gtp^aFgup^a]9d_<490XK04227."9^{nctgx}.L⁰[¶]rc gm^fgv⁰=^Ocn^aLg^{keg}]3;j_<320XK04227."^{nctgx}=^{Malý Štolpich}
]68h_<320XK04227."3^{nctxc}0

Ecclisopteryx dalecarlica Mqngpcvk."3:6:

Ftwj^{tq}|-¶ gp "x^{Gxtqr} "q^Umc^pfk^p^axkg^r gu^{uv}gf^p¶^{Gxtqrw}pc^Dcn^ap^cf^q|^arcf^p¶^Cpcvq/
nkg⁰X" T^{tq}|-¶ gp "rq^{egn}²o^À|g^o¶^x¶jqtum ej^c"rqf^jqtum ej^vqe[¶]ej.^{xg}ungfqxcp²o^À|g^o¶
|lk-v pq³:³" "c"⁹²" *X0/XKK0+0

Bukovec]7c_<*N+=^{gtp^aFgup^a}]9d_=^{Jizera}]43e_=^{Jizerka}]44d.f_<*N+=^{Kamenice}]45k_=^{Mariánskohorské}
boudy]52_<*N+=^{Rovný potok}]5;d_<*N+=^{T{d[¶]nqw m{¶}]62_=^{Mt^aup^aOc ¶}]68c_<*N+0

*Ecclisopteryx madida**OeNcejncp."3:89+

Uv gfgxtqrum "ftwj."x" T"nqm^np "tq|-| gp "x"rqvqe|ej"jqtum ej"qdnucv|0

Jizerka]44f_<4;0XKK03; ;.3" *N+=420XKK03; ;.3" *N+=**Mariánskohorské boudy**]52_<3;0XKK04223."3" *N+0

*Drusus annulatus**Uvgr jgpu."3:59+

Nkgt^tp|Àfclg<Twenk*4229+0

Ftwj|p^o " |g|g|o|uv gfp|c|" rcfp|Gxtqr{"c|"Dtkvum ej"quvtqx 0"X"pc-kej"rqf o|pm^ej" xgnok"jqlp "ftwj"jqtum ej"rqvqm ." r|rcfp "ejncfp ej"rqvqm "uv gfp|ej"rqnqj0|\k-v p" *864" .3;9" "c"54"nctgx+xg"x v-kp "ungfqxcp ej"rqvqm "pc"À|g o|E JMQ"Lk|gtum^2"jq t{" pcf"622" o"p0 o0."kocic"n^2vcl|"rq"egnqw|ug|>>pw0

Blatný potok]6c.d._]6e.<*N+=**Bukovec**]7c.<*N+=**Dwmqxe**."rtc o gpk-v "j7d._" gtp^a**Fgup**]9c.d._" gtp^a**Pluc**]c.g._"r |fvqm" gtp^2**Pku**{};d.e="r |fvqm|xqfp|p^a fflg|Dgf kej|qx|;e._" gtp "rqvqm"]32c.d._" gtp^a " |mc"]32e._" gtxgp "rqvqm"]33._" r |fvqm**Fgup**]34c._" ftc |"rqvqm"]35c._" o qm cf"w" \nev^2**Qng-pkeg**]35g._"dqe x"t{dp|fm]38d.<*N+=**Jedlová**]39c.d.e._]39f.<*N+=**Jelení potok**]3:c.d.=Lg keg"]3;c.e._"r |fvqm|Lg keg"]3;h._"r |fvqm|Lg-mtcdg]42e.f.h.=**Jizera**]43c.d.e.=**Krásný potok**]43f._"R |"p^a|xqf c"]44c._" **Jizerka**]44d.f._"Uch|tqx "rqvqm"]44e._" **Velký Kamenický potok**]45c._"r |fvqm|Mc o gpleg]45f.g.h.j.=Mng qx^2|nqwm{"]46.<*N+=**Lomnice**]49c.=**Makovský potok**]4;.=**Mariánskohorské boudy**]52.<*N+=**Pc** "kjc fng"]53.<*N+=**Rovný potok**]5;c.f._]5;d.<*N+=**T**{d|nqw m{"]62._" **Dn**"U o f^a"]64c._" gtp^a"U o f^a"]64d.=U o f^a"]64e.=U o f|lqxum "rqvqm"]66c.<*N+=**Šindelový potok**]67c.=**Velký Štolpich**]68d.e.<*N+=**rtc o gpk-v** "w|J|g|pke|Hgt|f|p|cp|f|qxc"]68i._"r |fvqm|vqrke|jw"]68o.=**Vkej**" " |mc"]69.<*N+=**Velká Rybí voda**]72c.e._]72d.f.<*N+=**Zlatník**]74d.e.=**Ztracený potok**]75c.e_0

*Drusus discolor**Tc o dwt."3:64+

Nkgt^tp|Àfclg<Twenk*4229+0

Ftwj"tq|-| gp "x"lkfp|"c"uv gfp|"Gxtqr "qf"ugxgtp|jq^TMrcp numc"rq"Dcmm^p0" Jqtum "ftwj." x" T"|p^o " |"rqvqm "xg"x-gej"rqj q |ej."ocvgtk^a"|"Lk|gtum ej"jq t|"c|jtpwlg"77" .36" " c^4"nctx{"*kocic"XK0/XKKK0+0

Blatný potok]6e.<*N+=**Bukovec**]7c.<*N+= gtp^a**Fgup**]9d.<U|TMrc gm|fg|0=**Jedlová**]39f.<*N+=**r |fvqm|Lg-mtcdg**]42e.f._" **Jizera**]43c._"]43e.<*N+=**Jizerka**]44f.<*N+=**Mng qx^2|nqwm{"**]46.<*N+=**Pc** "kjc fng"]53.<*N+=**T**{d|nqw m{]62.<*N+= gtp^a"U o f^a"]64d.=U o f|lqxum "rqvqm"]66c.<*N+=**Velký Štolpich**]68d.<*N+=**Velká Rybí voda**]72d.f.<*N+."]72e._" **Zlatník**]74d._" **Ztracený potok**]75e_0

Limnephilinae: Limnephilini

Glyphotaelius pellucidus *Tgv|kwu."39:5+

Ftwj"tq|-| gp "x"Gxtqr "cfl"rq|" rcfp|"Ukdk."|p^o "vcm^2|"Vwtgemc0"X" T"d flp "ftwj"uvqlc/ v ej"xqf."r |rcfp "mnkfp l-|ej"Augm "vqm ."pkfl-|ej"cu"uv gfp|ej"rqnqj."xg"ungfqxcp^2 o"À|g o|" |l-k-v pq"66" "c"35" *XK0/KZ0+0

Bukovec]7c.<*N+=**TMqe x"t{dp|fm**]38d.<*N+=**Holubí potok**]38e.=**Pertolický potok**]57c.= o qm cf." gtpqwu{/ **V Poli**]64o._" o qm cf{"wD|^2"j"q"Rqvqmc"]72i_0

*Grammotaulius nigropunctatus**Tgv|kwu."39:5+

Rcngctmvekem "ftwj"0X|um{|w|lg|x't |p ej"v{|rgej"xqf."x" T"nqm^np "jqlp "kocic"n^2vcl|"qf|lctc" fq"rqf|k o w0"X"Lk|gtum ej"jq t^a ej" |c|pc o gp^a pq"33" "c"4" *XK0/XKK0+0

Blatný potok]6e.<*N+=**Bukovec**]7c.<*N+=**Jizera**]43e.<*N+=**Mng qx^2|nqwm{"**]46.=**Mariánskohorské boudy**]52_<*N+=**Rovný potok**]5;d.<*N+=**T**{d|nqw m{"]62.<*N+0

Nkopgr jknwu"chLpku"Ewtvku."3:56

Rcngctmvekem "ftwj."x" T"tq|-| gp "rq"egn^2 o"À|g o|"pc"t |p ej"o qm cf|gej"qf"p|flkp"rq"jqtum^2" qdnucvk."cng|pgrq gvp ="x"l k|gtum ej"jq t^a ej"wnqxgpk"4" "c":." *XK0/KZ0+0

Blatný potok]6e_<^*N+=**Bukovec**]7c_<^*N+=**gtp^ajqtc**]:_<^*N+=**Jedlová**]39f_<^*N+=**Jizerka**]44f_<^*N+=**Mng qx²**
louky]46_<^*N+

Limnephilus auricula"Ewtvku."3:56

Ftwj"tq|-|gp "qf"Gxtqr{"rq"Uv gfp|"Cukk0"D flp "ftwj"oqm cf "pc"egn²o"À|g o|" T."xg"ung/
fqxcp²o"À|g o|"|lk-v pq"58" "c"34" "*XK0/KZ0+0

r {fpm}Cpf num²jq"rqvqmc"}3d_=**Bukovec**]7c_<^*N+=**gtp^ajqtc**]:_<^*N+=TMque x't{dpfm}]38d_<^*N+=**Holubí potok**
]38e_=**Jedlová**]39f_<^*N+=**Jizera**]43e_<^*N+=**Mng qx²hqwm**{]46_<^*N+=**Mariánskohorské boudy**]52_<^*N+=**Pc**" kj c fng
]53_=**Pertoltický potok**]57c_=**Poledník**]58_<^*N+=**Rovný potok**]5;c_."]5;d_<^*N+=**Velký Štolpich**]68e_<^*N+=**Malý**
Štolpich]68g_=**Velká Rybí voda**]72f_<^*N+=**o qm cf**{"w"D^{fm}2jq"Rqvqmc"}]72i_0

Limnephilus bipunctatus"Ewtvku."3:56

Ftwj"tq|-|gp "x"Gxtqr "c"Ocn²Cukk0"X" T"rq"egn²o"À|g o|"x"Lk|gtum ej"jqt^aej"wnqxpq"
;" "*X0/KZ0+0

TMque x't{dpfm}]38d_<^*N+=**o qm cf** {"Opf-gm"}]3;L=**Jizera**]43c_=**Mng qx²hqwm**{]46_<^*N+=**Poledník**]58_<^*N+=
U o tm"}]65_0

Limnephilus centralis"Ewtvku."3:56

Gxtqrum "ftwj."x" T"xgnok"jqlp "pc"jqtum ej"o qm cfgej0"X"Lk|gtum ej"jqt^aej"|c|pcogp^app"
339" "c"9;" "*mqpge"X0/KZ0+0

Blatný potok]6c_."]6e_<^*N+=**Bukovec**]7c_<^*N+=**Dwmqxe.rtc o gpkv-**]7d_=**gtp^aFgup^a**]9d_=**gtp^ajqtc**]:_<^*N+=
xqfp|"p^aftf"Dgf kejqx"];f_=**gtp^aPluc**"];g_=**gtp "rqvqm**]32c_=TMque x't{dpfm}]38d_<^*N+=**Holubí potok**
]38e_=**Jedlová**]39d_."]39f_<^*N+=**Jelení potok**]3;c_=**Oca**"Lg keg"]3;j_=**o qm cf** {"Opf-gm"}]3;L=**Jizera**]43c.d.e_=
R {p^axqfc"}44c_=**Jizerka**]44d.f_=**Uchltxq "rqvqm**]44e_=**Velký Kamenický potok**]45c_=**Mng qx²hqwm**{]46_=
Mariánskohorské boudy]52_<^*N+=**Pc**" kj c fng"]53_=**Poledník**]58_<^*N+=**Rovný potok**]5;c_."]5;d_<^*N+=**Rybí**
nqw m{"}]62_=**gtp^aU o f^a**]64d_=**U o tm**]65_=**U o tflqxum "rqvqm**]66c_<^*N+=**o qm cf**."R gf n"}]67d_=**Velká Rybí**
voda]72f_<^*N+=**o qm cf** {"w"D^{fm}2jq"Rqvqmc"}]72i_=**Ztracený potok**]75c_0

Limnephilus coenosus"Ewtvku."3:56

Ftwj"tq|-|gp "pc"x v-kp "À|g o|"Gxtqr{"cpc"}^arcfp|"Ukdk k0"X" T"jqlp "x"tc-gnkpp ej"xqf^aej."
o cvgtk^an"|Lk|gtum ej"jqt^a|c|jtpwlg"597" "c"375" "*mqpge"X0/KZ0+0

Blatný potok]6c_=**gtp^ajqtc**]:_<^*N+=**Jelení potok**]3;c_=**Jizera**]43c.e_=**Jizerka**]44d_=**Mng qx²hqwm**{]46_=**Mari-**
ánskohorské boudy]52_<^*N+=**Pc**" kj c fng"]53_=**Poledník**]58_<^*N+=**Rovný potok**]5;d_<^*N+=**T**{d^{fm}hqwm m{"}]62_=
U o tm"}]65_=**Vkej^a" { mc**]69_<^*N+=**Velký Štolpich**]68e_<^*N+

Limnephilus decipiens"Mqngpvc."3:6:+

X{um{vwlg"ug"xg"uvqlcv ej"kvgmqwe|ej"xqf^aej"qf"Gxtqr{"*dg|"R{tgpplum²jq"c"Crgpkpum²jq"
rqnqquvtqxc"cpglugxgtp l-|ej"qdcuv|+|cfl"rq"}^arcfp|"Ukdk 0"X" T"d flp "ftwj."x"Lk|gtum ej"
jqt^aej"338" "c"4;" "*XK0/Z0+0

Blatný potok]6e_<^*N+=**Bukovec**]7c_<^*N+=**gtp^ajqtc**]:_<^*N+=TMque x't{dpfm}]38d_<^*N+=**Holubí potok**]38e_=
Jedlová]39f_<^*N+=**Jizera**]43c_."]43e_<^*N+=**Mng qx²hqwm**{]46_<^*N+=**Mariánskohorské boudy**
]52_<^*N+=**Pc**" kj c fng"]53_<^*N+=**Poledník**]58_<^*N+=**T**{d^{fm}hqwm m{"}]62_<^*N+=**U o tm**]65_=**Mt^aup^aOc**"}]68c_<^*N+=
Velký Štolpich]68d.e_<^*N+=**Malý Štolpich**]68g_=**Vkej^a" { mc**]69_<^*N+=**Velká Rybí voda**]72d.f_<^*N+

Limnephilus extricatus"OeNcejncp."3:87

Gxtqrum "ftwj."x" T'd flp "x"t |p ej"v{rgej"o qm cf 0"Xg"ungfqxcp²o"À|g o|"|lk-v pq"35" "
c"47" "*XK0/XKKK0+0

Blatný potok]6e_<^*N+=TMque x't{dpfm}]38d_<^*N+=**Jedlová**]39f_<^*N+=**Jizera**]43e_=**Jizerka**]44d.f_<^*N+=**Mq k**"}
potok]47_=**Pc**" kj c fng"]53_<^*N+=**Rovný potok**]5;d_<^*N+=**T**{d^{fm}hqwm m{"}]62_=**o qm cf**."gtpqwu{/X"Rqk"}]64o_=
U o tflqxum "rqvqm"]66c_<^*N+

*Nkopgrjkmwu"t cxkeqtpku"**Hcdtkckwu."39:9+

Rcngctmvek "ftwj."x" T"jqlp ."rtghgtwlg" |ctquv²"uvqlcv²"xqf {0"Xg"ungfqxcp² o"À|g o"¶|c|pc/
o gp^apq": "c"4" *XK0/Z0+0

Bukovec]7c_<*"N+=Mng qx²"nqwm{"146_="Poledník"}58_<*"N+=T{d¶"nqw m{"162_<*"N+= o qm cf." gtpqw{/X"Rqk
]64 o_="Velká Rybí voda"}72f_<*"N+0

Limnephilus griseus"*Nkppcgwu."397:+

Ftwj"tq|_¶ gp "x"rcngctmwv"cwfa"xcpcp "k|"I t>pumc"cnlc-m{0"X" T"jqlp "x"t |p ej"v{rgej"xqf"
x gvp "rgtkqfkm ej"o qm cf ."|"E JMQ"lk|gtum²"jqt{"egnmgo"98" "c"38" *X0/KZ0+0

Bílá Desná]4_="Blatný potok"]6e_<*"N+=**Bukovec**]7c_<*"N+= gtp^a"jqt":_<*"N+=**Jedlová**]39f_<*"N+=**Jizera**]43e_<
*"N+=**Jizerka**]44d_="Mng qx²"nqwm{"146_<*"N+=**Mariánskohorské boudy**]52_<*"N+=**Pc**" kjc fng"]53_<*"N+=**Poledník**
]58_<*"N+=**T{d¶"nqw m{"162_<*"N+=U o tm"}65_="U o tflqxm "rqvqm"]66c_<*"N+=**Velký Štolpich**]68d_<*"N+=**Vápenný**
vrch]6:c_<*"N+=**Velká Rybí voda**]72d.f_<*"N+0**

Limnephilus ignavus"OeNcejncp."3:87

Gxtqrum "ftwj"*ok oq" gemc+.x" T"-ktqeg"tq|_¶ gp "pc"o qm cfgej0"pc"t |p ej"nqmcnk^aej"
xg"ungfqxcp² o"À|g o"¶|lk-v pq"9" "c": " *XK0/KZ0+0

^Mqne x^t{d¶m"}38d_<*"N+=**Jizera**]43e_<*"N+=**Mq k ¶"rqvqm"]47_="Oleška**]55e_="Pertoltický potok"]57c_="U o tflqxm "
potok]66c_<*"N+=**Malý Štolpich**]68g_="Vápenný vrch"]6:c_<*"N+=**Velká Rybí voda**]72f_<*"N+= o qm cf {"wD¶²jq"
Potoka]72i_0

Limnephilus lunatus"Ewtvku."3:56

\ ^rcfqrngctmvek "ftwj."x" T"d flp "ud{t^ap"pc"t |p ej"v{rgej"o qm cf 0"Xg"ungfqxcp² o"
À|g o"¶pcng|gpq": "c"9" *XK0/Z0+0

Bukovec]7c_<*"N+=^Mqne x^t{d¶m"}38d_<*"N+=Mng qx²"nqwm{"146_="Poledník"}58_<*"N+=**Rovný potok**]5;d_<*"N+=
o qm cf." gtpqw{/X"Rqk"}64 o_="Mt^aup^a"Oc ¶"]68c_<*"N+=**Vápenný vrch**]6:c_<*"N+= o qm cf {"wD¶²jq"Rqvqmc
]72i_0

Limnephilus rhombicus"*Nkppcgwu."397:+

Jqctmvek "ftwj."x" T"xgnok"jqlp "r gfgx-¶ o"x" |ctquv ej"uvqlcv ej"xqf^aej0"X"lk|gtum ej"
jqt^aej"pc"ht fncpvumw"wnxqgpq"32" "c"7" *XK0/KZ0+0

Blatný potok]6e_<*"N+=**Jizera**]43e_<*"N+=**Jizerka**]44d_<*"N+=**Mq k ¶"rqvqm"]47_="Pc**" kjc fng"]53_<*"N+=**T{d¶"nqw m{"**
162_<*"N+= o qm cf." gtpqw{/X"Rqk"}64 o_="Vápenný vrch"]6:c_<*"N+= o qm cf {"wD¶²jq"Rqvqmc"}72i_0

Limnephilus sparsus"Ewtvku."3:56

Rcngctmvek "ftwj."x" T"xgnok" cuv "pc"t |p ej"o qm cfgej."jqlp "k"xg"ungfqxcp² o"À|g o"¶."
|c|pc o gp^apq"343" "c"378" *X0/Z0+0

Bukovec]7c_<*"N+=**Dwmqxe.rtc o gpk-v**]7d_="xqfp"p^a f tfl Dgf ke j qx"; f_="Mqne x^t{d¶m"}38d_<*"N+=**Holubí**
potok]38e_="Jedlová"]39f_<*"N+=**Jizera**]43e_<*"N+=**Jizerka**]44d.f_<*"N+=**Mng qx²"nqwm{"146_<*"N+=**Mariánskohorské****
boudy]52_<*"N+=**Pc**" kjc fng"]53_<*"N+=**Pertoltický potok**]57c_="Poledník"]58_<*"N+=**Rovný potok**]5;d_<*"N+=
*"N+=**rybník Dubák**]64m_="U o tflqxm "rqvqm"]66c_<*"N+=**Velký Štolpich**]68e_<*"N+=**Vkej^am ¶ mc**]69_<*"N+=**Velká**
Rybí voda]72f_<*"N+= o qm cf {"wD¶²jq"Rqvqmc"}72i_="Zlatník"]74d_0

Limnephilus stigma"Ewtvku."3:56

Ftwj"tq|_¶ gp "x"Gxtqr ."r gu"Udkd "c" F^anp "x ejqf"cf"pc"cnlc-mw0"X" T"jqlp ."rtghgtwlg"
|ctquv²"uvqlcv²"xqf {"xg"ungfqxcp² o"À|g o"¶|c|pc o gp^apk"rqw|g"4" "c"3" *XK0/KZ0+0

Holubí potok]38e_="Panenský rybník"]57d_="rybník Dubák"]64m_<*"N+0

Limnephilus subcentralis"Dtcwgt."3:79

Rcngctmkem "ftwj."x" T"tq|-f|gp"r gfgx-f|o"x"|ctquvn ej"uvqlcv ej"xqf^aej⁰"X"Lk|gtum ej" jqt^aej"rqw|g"p^ajqp "Anq^xgm"pc"ux vⁿq⁰

Jizera"]43e_<'3;0XKK04227."3" *N+0

Limnephilus vittatus"*Hcdtkekwu."39; :+

Tq|-f|gp"qf"Gxtqr{"cf|rq"x ejqfp"Ukdk ."x" T"d flp "ftwj"oqm cf 0"Xg"ungf^qxcp²o"À|g o" |lk-v p"rqw|g"x lkog p <'3" "c"4" *XKK0/KZ0+0

Jedlová"]39f_<'*N+="Jizerka"]44f_="potok u Filipovsky"]63d_0

Rhadicoleptus alpestris"*Mqngpcvk."3:6:+

Ftwj"lg"x"p mqnkmc"rqf^{ftw}|f|ej"tq|-f|gp"v²o "rq"egn²"Gxtqr "dg|"Kuncp^{fw}.Ktunc."Rqt^{twi}cnunc+." xg"uv gfp"Gxtqr "pqokp^avp"htoc0"X" T"jqlp "x"tc-gnkpp ej"v m^aej."x"Lk|gtum ej"jqt^aej" wⁿq^xgpq"47;" "c"9;" *X0/XKK0+0

Blatný potok"]6c_."]6e_<'*N+=" Bukovec"]7c_<'*N+=" Dwmq^{xge}.rtc o gpk-v "]7d_=" gtp^a jqt^c"];_="Mqne x"t{dp^{fm}]38d_="Holubí potok"]38e_="Jedlová"]39f_<'*N+="Jizera"]43c.d.e_="Jizerka"]44d_."]44f_<'*N+="Mng q^x2"nqwm{"]46_<' *N+="Mariánskohorské boudy"]52_<'*N+="Pc" kjcfng"]53_="T{d"nqwm{"]62_=" gtp^aUo f^a"]64d_="Uo tm"]65_=" Vkej^a" f mc"]69_0

Limnephilinae: Chaetopterygini

Annitella obscurata"*OeNcejncp."3:98+

Ftwj"|p^ao " |g"uv gfp"c"ugxgtp"Gxtqr{."Ukdk g"o"Oqpiqnumc"rq"twum "F^anp "x ejqf0"X" T" d flp "ftwj"x"vgmqwe"ej"xqf^aej"x"rqfj "c"rcjqtmcvkp^aej."x"Lk|gtum ej"jqt^aej"|c|pcogp^ap" rqw|g"lgfppq^w

xqf^p"p^aftf"Dgf kejqx"];f_<'70Z03; ;7."3" 0

Chaetopterygopsis maclachlani Uv^gkp."3:96

Nkvt^atp"Àfclg<'Vqoc|g yumk*3;54+."Twemk*4229+0

Tq|-f|gp"xg"uv gfp"c"lkj^{qx} ejqfp"Gxtqr ."x" T"jqlp "ftwj"jqtum ej"rqvqm 0"X"Lk|gtum ej" jqt^aej"pcng|gpq"5;" "c"9" *mqpge"KZ0"ó"|c^avgm"ZK0+."f^ang"d{nq"ugd^tpq"49"nctgx0

Blatný potok"]6e_<'*N+."]6f_=" gtp^a"Fgup^a"]9c.d_=" gtp^a"Pluc"];c_="r^afvqm" gtp²"Pku{"];d_="Jizera"]43d_="R f p^a voda"]44e_="Jizerka"]44d.f_="Ztracený potok"]75c_0

Chaetopteryx major"OeNcejncp."3:98

Uv gfgxtgrum "ftwj."x" T"tq|-f|gp "rq"egn²o"À|g o"Kocic"ug"x{um{vwl" x" r^qf|kop^fej" o u^fe"ej"mqng o"rqvqm 0

Ftc "rqvqm"]35c_<' ;0KZ04226."3" _="Mqne x"t{dp^{fm}"]38d_<'470KZ04222."3" *N+="Ješkrabec"]42c.d_<'4;0KZ04228." 3" _="Velký Štolpich"]68e_<'490KZ04222."3" *N+0

Chaetopteryx villosa"*Hcdtkekwu."39; :+

X"Gxtqr "tq|-f|gp "qf"R{tgp"l"rq"Umcp^{fkp}xkk."x" T"*u"x lk o mqw"x ejqfp"Oqt^{cx}{+}xgnok" jqlp "ftwj"x"vgmqwe"ej"xqf^aej⁰" Jqlp "k"xg"ungf^qxcp²o"À|g o" |f^{um}"apq"3;5" "c"94" " *KZ0/ZK0+0

oqm cf{"wD"n²j^qrqvqm"}5g_="r^afvqm"xqf^p"p^aftf"Uqw-"]9f_=" gtp^a"Pluc"];c_="r^afvqm" gtp²"Pku{"];d_="r^afvqm" xqf^p"p^aftf"Uqw-"];c_="xqf^p"p^aftf"Uqw-"];f_="Harcovský potok"]37c.d_="r^afvqm"Jcteqxum²j^qrqvqm

]37e_="r f\qumM g o gpp2j q r\qvmc"]37f_="Holubí potok"]38e_="r f\qumLg keg"]3; h_="Ješkrabec"]42k_="Jizera"]43d.e_=" Jizerka"]44d.f_="Uch\{tqx "r\qvm"]44e_="Kamenice"]45l_="Lomnice"]49c_="Rovný potok"]5; c_="T{d\{nqw m{""]62_=" o qm cf." gtpqw\{X'Rqm"]64 o_="potok, Horní Maxov"]66d_="Ztracený potok"]75c_0

*Pseudopsilopteryx zimmeri**OeNcejncp."3: 98+

Ctg^an"ftwjw|c|jtpwlg"uv gfp\Gxtqrw"cu\gxgtp\Kv^nk0"X" T"x"rqvqe\ej"x"jqtum ej"qdcu\vej." rqr 0"xg"uvwfgp ej"rqvqe\ej"kp\xtg|p\ej"rqnj."x v-kpqw"pgrq gvp 0
r f\qumLg keg"]3; h_<46\KZ0/450ZK04228."4" .3" =Ješkrabec"]42c.d_<4; \KZ04228."3" =Zlatník"]74c_<4; \KZ04228."3" 0

*Psilopteryx psorosa**Mqngpcvk."3: 82+

Nkvt^a"tp\Àfclg^Tpwem^*4229+0
Uv gfgxxtqrum "ftwj."x" T"nqm^np "x"jqtum ej"rqvqe\ej."|Lk|gtum ej"jqt"4;" "c"44" "
*KZ0/ZK0+0
r f\qum"xqf\p"p^a"ftlg"Uqw-"j9f_="R f p^a"xqfc"]44c_="Uch\{tqx "r\qvm"]44e_="Lomnice"]49c_="Ztracený potok]75c.e_0

Nk o pgr j knkpcg<Uvqpr j {ncekpk

*Allogamus auricollis**Rkevgv."3: 56+

Nkvt^a"tp\Àfclg^Tpwem^*4229+0
Ftwj"tq|-f| gp "x" |^rcfp\c"uv gfp\Gxtqr ."pc"lkjxq ejqf"cf"rq"Ocmgfpqk^*TM"ct" rncpkpw+0
X" T"d fip "x"jqtum ej"cqrf|jqtum ej"vqe\ej."x"lk|gtum ej"jqt^ej"ugd^a"pq"43" "c"7;" "
*XKKK0/Z0+^c"3; "nctgx0
Bukovec"]7c_<^N+="Jizera"]43e_="Krásný potok"]43f_="R f p^a"xqfc"]44c_="Jizerka"]44d.f_="Uch\{tqx "r\qvm"]44e_=" gtp^a"Uo f^a"]64d_0

*Allogamus uncatus**Dtcwgt."3: 79+

Nkvt^a"tp\Àfclg^Tpwem^*4229+0
Tq|-f| gp"xg"uv gfp\c"lkjxq ejqf\p\Gxtqr "c"x"Kv^nk0"X" T"x"jqtum ej"rqvqe\ej"d fip "ftwj." x"EJMQ"Lk|gtum^2"jqt{"|lk-v pq"5;" "c"38" "KZ0/Z0+0
Blatný potok"]6e_<^N+=" gtp^a"fgp^a"]9c_=" gtp^a"jqt^c^=" gtp^a"Pkuc^c^="r f\qum" gtp^2"Pkuc^c^="d_="Ftc f\qvm]35c_="Harcovský potok"]37c_="Jedlová"]39f_<^N+="r f\qumLg keg"]3; h_="Ješkrabec"]42c.d_="r f\qumLg-mtcddeg"]42h_=" Krásný potok"]43f_="Jizera"]43h_="R f p^a"xqfc"]44c_="Jizerka"]44f_<^N+="Mariánskohorské boudy"]52_<^N+=" Velký Štolpich"]68e_<^N+="Velká Rybí voda"]72f_<^N+0

*Halesus digitatus**Uejtcpm."39: 3+

Gxtqrum "ftwj."x" T"jqlp "ftwj"rqvm "c" f gm."rqr 0"k"xg"uvqlcv ej"xqf^ej0"X"Lk|gtum ej" jqt^ej"|lk-v p"rqw|g"qlgfkp ng0
T\qne x^t\{d\p\m"]38d_<47\KZ04222."4" *N+="Lugh x^F n"]45e_<370Z04229."3" =Velký Štolpich"]68e_<49\KZ04222."8" *N+0

*Halesus radiatus**Ewtvku."3: 56+

X"Gxtqr "u"x lk omqw"lkjxq ejqf\p\jg"Dcmm^pw."x" T"-ktqeg"tq|-f| gp "ftwj"x"vgmqwe\ej" xqf^ej."r frcfp "x"nkvt^anw"uvqlcv ej"xqf0"X"Lk|gtum ej"jqt^ej"pcng|gpk"rqw|g"6" "c"9" "
*XKKK0/Z0+0

Blatný potok]76e_<N+=" gtp^aPku{"];c_="r fvqm" gtp^2Pku{"];d_="Harcovský potok"]37c_="mqe x"t{dpfm"]38d_<N+="Jizera"]43e_="Mariánskohorské boudy"]52_<N+="Vkej^a" ¶ mc"]69_0

Halesus rubricollis"*Rkev.gv."3:56+

Rqw|g^nkvgtp^Àfclg<Pqx^am*3;86+0

Uv gfgqxtqrum "ftwj."x" T^nm^np "x"jqtum ej"qdcuvgej0^X^Lk|gtum ej"jqt^ajpgd{n"d jgo" rtqxfgp^2jq^rt |mwow"rtqm^a|^p0

Hydatophylax infumatus"*OeNcejncp."3:87+

Uv gfp^c"ugxgtp^Gxtqrc."x" T^tq|-¶ gp"rq^egn^2 o"À|go¶."x v-kpqw"ud¶t^ap"lqfppvnx "x"qmqm^rqqm 0

Jizera]43e_<320XK0/450XK04225."6" =**Rovný potok**]5;d_<60XK04224."3" *N+="Uc um "rqvqm"]63c_<40XK04229."3" 0

Melampophylax nepos"*OeNcejncp."3::2+

Nkvgtp^Àfclg<Ocnkem{*3;;2+0

Ftwj"u^nkovkxcp o"ctg^ng o"xg^uv gfp^Gxtqr ."x" T^x"jqtum ej"rqvqe{ej"d flp ."x"l^k|gtum ej" jqt^ajpgng|gpq"32" "c";" *KZ0/Z0+0

Blatný potok]76e_<N+=" gtp^aFgup^a"]9c_=" gtp^aPku{"];c_="Jelení potok"]3;c_="Ješkrabec"]42c.d_="Jizera"]43d_=" R ¶ p^axqfc"]44c_="Jizerka"]44d.f_0

Micropterna lateralis"*Uvgrjggu."3:59+

Ftwj"tq|-¶ gp "qf^Dtkvm ej"quvtqx "r gu"uv gfp^c"ugxgtp^Gxtqrw"c"xtqrumqw" ^uv"Twumc" cfl"rq"Ukdk 0^X" T^d flp "ftwj" oqm cf ."xg"ungfqxcp^2 o"À|go¶|lk-v pq"76" "c"37" " *X0/XKKK0+0

Bukovec]7c_<N+="Dwmqxe."rtc o gpk-v]7d.e_="r fvqm" gtp^2Pku{"];i_="mqe x"t{dpfm"]38d_<N+="Holubí potok]38e_="Jizerka"]44d_<N+."]4f_="Mng qx^2nqwm{"]46_="Pertolický potok"]57c_="Poledník"]58_<N+="Rovný potok]5;c_="]5;d_<N+="T{d^ngw m{"]62_<N+="U o tflxum "rqvqm"]66c_<N+="Mt^up^Oc ¶"]68c_<N+="Vkej^a" ¶ mc"]69_=" **Velká Rybí voda**]72f_<N+=" o qm cf {"w^Dn^2jq^Rqvqc"}72i_0

Micropterna nycterobia"OeNcejncp."3:97

X^Gxtqr "u"x lk o mqw^ugxgtp^c"ugxgtq|^rcfp^a"uvk."Ocn^a"Cukk."Uv gfp^Cukg0" \ " T^luqw" lqfppvnx^2p^ang|{"|t |p ej"v{r " o qm cf "pc^egn^2 o"À|go¶0

Mng qx^2nqwm{"]46_<0XK04224."4" *N+="330XK04229."3" *N+="Pc" kj c f g]53_<340XK04229."3" *N+="Velký Štolpich"]68d_<40XK0422.:.3" *N+0

Micropterna sequax"OeNcejncp."3:97

Ftwj"tq|-¶ gp "x"Gxtqr "c"Ocn^2Cukk."x" T^ug"x{um{vwlg^pgrq gvp "pc"xjqfp ej" o qm cfgej" pc^egn^2 o"À|go¶."x" E J M Q^Lk|gtum^2jqt{"|lk-v pq"8" "c"5" *XKK0/KZ0+0

Ftc ¶ "rqvqm"]35c_="mqe x"t{dpfm"]38d_<N+="Holubí potok"]38e_="r fvqm"lg-mtcddeg"]42e_="U o tflxum "rqvqm]66c_<N+="Velký Štolpich"]68e_<N+0

Parachiona picicornis"*Rkev.gv."3:56+

Ftwj"ug"x{um{vwlg^qf^ugxgtp^r gu"uv gfp^Gxtqrw"cfll"rq"ugxgtp^Dcnm^p0^X" T^xgn o k^jqlp " pc^rtc o gpk-v¶ej."xg"ungfqxcp^2 o"À|go¶|lk-v pq"365" "c"75" *X0/XKK0+0

Bílý potok]5d_=" o qm cf {"w^Dn^2jq^Rqvqc"}5f_="Dwmqxe."rtc o gpk-v]7e_=" gtp "rqvqm"]32c_="Holubí potok

]38c.e.=r fvmLg keg]3;e.=r fvmLg-mt cdeg]42e.f.=Jizera]43c.d.e.=r fvmLk|gt{]43g.=Uchftqx "rqvqm"]44e.=
Mng qx2"nqwm{"]46.=Mariánskohorské boudy"]52.<.*N+=Rovný potok"]5;c.=T{d{f"nqw m{"]62.= gtp"U o f"
]64d.=U o f""]64j.=Šindelový potok"]67c.=Vkej" a" f mc"]69.=rtc o gpk-v "rqf"Vk-kpqw"]72h_0

*Potamophylax cingulatus cingulatus**Uvgr j gpu."3: 59+

Nkvt"atp{Áfclg"Ejxqlmc" ("Pqx"m"4223+)

Gxtqrum "ftwj."x" T"jqlp "x"vgmqwe{ej"xqf"aej."r fgfx-|o"x"tkvt"anw."xg"ungfQxcp2 o"À|g o"||
|lk-v pq"58" "c"48" "*XK0/Z0+)

Blatný potok]6e.<.*N+=**Bukovec, potok**]7f.= gtp"Pluc"];c.= **Jedlová**]39f.<.*N+=r fvmLg keg]3;h.= **Jizera**
]43e.<.*N+=**Jizerka**]44d.f.=Mng qx2"nqwm{"]46.<.*N+=**Pc" kj c fng**]53.<.*N+=**Poledník**]58.<.*N+=**Rovný potok**]5;c.=
T{d{f"nqw m{"]62.<.*N+=U o tflqxum "rqvqm"]66c.<.*N+=Velká Rybí voda]72f.<.*N+=**Velký Štolpich**]68e.<.*N+=r fvm"
Štolpichu]68m.=**Zlatník**]74d.=**Ztracený potok**]75e_0

*Potamophylax latipennis**Ewtvku."3: 56+

Ftwj"|p"o " |"x v-kp{" |g o"||Gxtqr{"*u"x lk o mqw"Kuncp fw."Rqtwi cnumc."Crgpkpum2 j q" rqnq/
qvtqxc+."Vwtgemc" c"vcm2" |g"Ukdk gl"X" T" d flp "x"vqe{ej."xg"ungfQxcp2 o"À|g o"||f"um"p"r qw |g"
pgrq gvp "o cvgtk" a"n"8" .6" +|qf ej {vg o"pc"ux vq" *XK0/KZ0+)

gtp" j qtc":<.*N+=m"qne x"t{dp{m"}38d.<.*N+=**Jizera**]43e.<.*N+=**Jizerka**]44f.<.*N+=**Mng qx2"nqwm{"]46.<.*N+=
Rovný potok**]5;d.<.*N+=**T{d{f"nqw m{"]62.<.*N+=Vápenný vrch**]6;c.<.*N+=**Velká Rybí voda**]72d.<.*N+=)

*Potamophylax luctuosus**Rknngt"gv" Okwgt rce jgt."39: 5+

Ftwj"tq|-| gp "xg"uv gfp{"lkj qx ej qfp"||Gxtqr "c"vcm2"x" Ocn2"Cukk0"X" T" d flp "qd{xcvgn"
rqnqwm ."x"Lk|gtum ej"jqt"aej"|lk-v pq"43" "c"4" "*XK0+)

o qm cf{"wD{n2 j q"rqvqm"}5g.=m"qne x"t{dp{m"}38d.=Lg keg]3;c.d.=Ocn" Lg keg]3;j.=**Libverdský potok**]48.=
Rovný potok]5;d.<.*N+=]5;f.=U o tflqxum "rqvqm"]66c.<.*N+=)

*Potamophylax nigricornis**Rkevgv."3: 56+

X um{v"x"Gxtqr "m"tq o "Kuncp fw."Dtkvum ej"qvtq x ."R{tgpplum2 j q" rqnqquvtqxc+"c"x" | a rcfp"||
Cpcvqkk0"X" T"-ktqeg"tq|-| gp "ftwj"x" rtc o gpk-v{f"ej" c" rtc o gpp ej" rqv e{ej." |E JMQ"
Lk|gtum2"jqt{"|f"um"pq"3:" "c": " "*XK0/XKKK0+)

Bukovec]7c.<.*N+=**Dwmqxe."rtc o gpk-v "]7e.=r fvm" Ftc {j q"rqvqm"}35e.=Jizera"]43e.=Jizerka"]44d.<.*N+=
Mariánskohorské boudy"]52.<.*N+=T{d{f"nqw m{"]62.<.*N+=Velká Rybí voda"]72c.<.*N+=)**

Stenophylax permistus"OeNcejncp."3: ; 7

Ftwj"tq|-| gp "x"Gxtqr ."Ocn2"Cukk."pc"M{rtw" c"x"Nkdcpppw0"X{um{vwlg"ug"pc"t |p ej" o qm/
cfgej"x"egn2" T."o cvgtk" a"n" |E JMQ"Lk|gtum2"jqt{"qducjwlg";" "c"3;" "*X0/XKK0+)

Jedlová]39e."]39f.<.*N+=**Ješkrabec**]42k.=Jizera"]43e.<.*N+=**Jizerka**]44f.<.*N+=**Mng qx2"nqwm{"]46.<.*N+=
Mariánskohorské boudy"]52.<.*N+=Pc" kj c fng**]53.<.*N+=**Poledník**]58.<.*N+=**Rovný potok**]5;d.<.*N+=**Velký Štolpich**
]68d.<.*N+=)

Ugtkequvq o cvk f cg

Oecismus monedula * J cigp."3: 7; +

Ftwj"tq|-| gp "qf"Dcnm"p w"r gu" Mctrcv{"uv gfp"||Gxtqr w"rq"Dgnikk0"X" T"nqm"np "x"rqvqe{ej"
c" | m"ej."x"Lk|gtum ej"jqt"aej"|f"um"pq"7" "c"6" "*XK0/XKKK0+)

m"qne x"t{dp{m"}38d.<.*N+=**Holubí potok**]38e.=Ocn" Lg keg]3;j.=Mng qx2"nqwm{"]46.=**Velký Štolpich**]68e.<.*N+=
Malý Štolpich]68g.=r fvm"m"vqrkej w"]68n_0

*Sericostoma personatum**Urgpeg."3:48+

Gxtqrum "ftwj."ej{d l[e]l'lgp'pc'Dcmm^ap "c"Kuncp'fw0'X" T"jqlp "pc"rtc o gpk-v[e]j" c"rqvqe'fej." |g"ungfqxcp²j q'À|g o'f' |f'um^apq'82" "c"43" *XK0/XKKK0+0

Bílý potok]5c₂=rtc o gpk-v "w" \ncv²Qng-pl'eg"]35f₂=Ješkrabec"]42d₂=r f'vqm'Lg-mt cdeg"]42e.f.g₂=r f'vqm'Rgmgn-ského potoka"]56f₂=Rovný potok"]5;c₂]5;d₂<*N+=Velký Štolpich"]68d₂<*N+=rtc o gpk-v "w"J glp'ke/Hgt f'p'cp'f'qxc]68i₂=r f'vqm'Ocn²j q'^mvqr'kej w"]68k₂=Velká Rybí voda"]72f₂<*N+= o qm cf{ "w'D'fⁿ2'j q'Rq'vqmc"}72i₀

*Sericostoma schneiderii**Mqngpcvk."3:6:+

Ctg^an"ftwj w"pgp'f'fqd g'|p^a o."wx^af p"lg'|g'|^arcfp'f'c"uv gfp'f'Gxtqr{"c'Dcmm^ap w'²fl"lcmq" U0'l'cxkeqtpg'cwev0'pge'Ue'j'pgk'fgt+0'X" T"-ktqeg'tq|-f'gp "jncxp "xg'x v-fej"rqvqe'fej" c" f' m^aej." xg'ungfqxcp² o"À|g o'f'rqw|g'xg'U o f²0

U o f^a]64k₂<390XKK04229."4" .5" *N+=]64i₂<360XK0/30XKK04229."3" =rybník Dubák"]64m₂<380XKK04229."3" .9" *N+0

*Notidobia ciliaris**Nkppcgwu."3983+

X"Gxtqr "u'x lk o mqw'Cr'gpk'pum² j q."lkfp'f' ^auvk'kdgtum² j q" c" Dcmm^a pum² j q" r qnqquvtqxc0'X" T" nqm^anp " jqlp "ftwj" x"vgmqwe'fej" k"uvqlcv ej" xqf^aej." xg'ungfqxcp² o"À|g o'f' |lk-v pq";" " c"8" *X0/XK0+0

Holubí potok]38e₂=Mq k f'rqvqm"]47₂=U o f^a]64i₀

Odontoceridae

*Odontocerum albicorne**Ue'qrqnk."3985+

X um{v'x"Gxtqr "u'x lk o mqw'ugxgtp'f'c'ugxgtx ejqfp'f' ^auvk'c'lkj'qx ejqfp'f'j q"Dcmm^apw0'X" T" jqlp "ftwj" x"rqvqe'fej" c" f' m^aej." xg'ungfqxcp² o"À|g o'f'37" "c"9" *XK0/XKKK0+0

Bukovec]7c₂<*N+=^mq' x' t{dp'f'm"]38d₂<*N+=Ješkrabec"]42d₂=Pekelský potok"]56c₂=T{d'f'q'w m'"}62₂<*N+=r f'vqm'^mvqr'kej w"]68m.p.q₂=Velká Rybí voda"]72d.f₂<*N+0

Molannidae

Molanna angustata"Ewtvku."3:56

Ftwj" tq|-f'gp "qf"Dtkvum ej"quvtqx ." r gu"uv gfp'f'c"ugxgtp'f'Gxtqrw"pc"Ukd k 0'X"nkvt^anw" uvqlcv ej" xqf'c"x'mnkfp l-fej"Áuge'fej"vgmqwe'fej" xqf'x"pkfl-fej" c"uv gfp'fej" rqnj^aej"d flp ." xg'ungfqxcp² o" w|g o'f' |lk-v p'pc'lgf'kp²"hqmckv 0

rybník Dubák]64m₂<380XKK04229."3" *N+0

Beraeidae

*Beraea maurus**Ewtvku."3:56+

Gxtqrum "ftwj."x" T"jqlp "x"rtc o gpk-v[e]j0' cuv "k'xg'ungfqxcp² o"À|g o'f' u'x lk o mqw'egpvt^anp'f' ^auvk'lk|gtum ej"jqt."pcng|gpq'96" "c"63" *XK0/XKKK0+0

Holubí potok]38c₂=rtc o gpk-v "w"Qnf ke'j'qxc"x" J^al'ej"]3;k₂=Ješkrabec"]42c.k₂=r f'vqm'Lg-mt cdeg"]42e.g.h₂=rtc o gpk-v "w'Lg-mt cdeg"]42j₂=rtc o gpk-v "E'jnw o"]56e₂=Pertoltický potok"]57c₂=Rovný potok"]5;f₂=U o f^a]64e₂=Malý Štolpich"]68g₂=rtc o gpk-v "w"J glp'ke/Hgt f'p'cp'f'qxc"]68j₂=r f'vqm'Ocn²j q'^mvqr'kej w"]68k₂=r f'vqm'Štolpichu"]68m.n.q₂=Velká Rybí voda"]72e₂=Ztracený potok"]75e₂=rtc o gpk-v ."W'M{ugm{'}75f₀

Beraea pullata *Ewtvku."3:56+

Gxtqrum "ftwj" *ej {d"l"l"gp"pc"R {tgpplum2 o "rqnqqvvtqx +0" X" T" xgn o k" jqlp "x" o qm cfgej." r gfgx-Ń o "pc"rtc o gpk-v{ej."rq gvp |cuqwrgrp "pc"egn2 o "ungf qxcp2 o "À|g o Ń."|Ńum"pq"368" " c"344" *X0/XKK0+0

Bílý potok]5d. = o qm cf {"w" Dñ2 j q" r qv qm c"} 5f. g. = Dwmqxe. "rtc o gpk-v"]7e. = r Ńv qm" Ftc {j q" r qv qm c"}]35e. = **Holubí potok**]38e. = rtc o gpk-v "w" Qñf kej qxc" x" J" a" l" e j"]3; k. = o qm cf {"O p Ń- g m"} 3; l. = r Ńv qm" Lg- mtcdeg"} 42e. f. = **Jizera**]43c. = **Kamenice**]45l. = Mq k Ń" r qv qm c"} 47. = **Libverdský potok**]48. = **Pertoltický potok**]57c. = **Rovný potok**]5; c. f. =]5; d. < *N+ = t {d p Ń. m. O c n" a" U v t p c e"} 5; e. = **rybník Dubák**]64n. = o qm cf. " g t p q w { / X" R q n k"} 64 o. = **Šindelový potok**]67c. = **Vlejš** " Ń mc"]69. = o qm cf {"w" Dñ2 j q" R q v q m c"} 72 i. 0

Beraeodes minutus *Nkppcgwu."3983+

Ftwj "tq | - Ń gp "x" Gxtqr "u" x lk o mqw" R {tgpplum2 j q" c" Dc n m" a" p u m 2 j q" r q n q q v v t q x c. " | p" a o " v c m 2 | g" u g x g t p Ń { C p c v q n k g 0 " X" T" t q | - Ń gp " r q" e g n 2 o " À | g o Ń" x" v g m q w e Ń e j" k" u v q l c v e j" x q f" a e j. " | t | p e j" n q m c n k v" x g" u n g f q x c p 2 o " À | g o Ń" | l k - v p k" 4" " c" 35" *X0/XK0+0

Jizera]43e. = **Rovný potok**]5; c. = t {d p Ń. m. O c n" a" U v t p c e"} 5; e. = o qm cf. " g t p q w { / X" R q n k"} 64 o. 0

Ernodes articularis *Rkevgv."3:56+

Ftwj | p" a o " | " G x t q r { c" O c n 2" C u k g 0 " V { r k e m " q d { x c v g n" m t g p" a n w. " x" g e j" a e j" u g" x { u m { v w l g" h q m" a n p" " p c" x j q f p e j" d k v q r g e j" l g" x - c m" r q g v p +. " j q l p l - Ń" l g" p c" O q t c x " x" m e t r e v u m e j" r q j q Ń e j 0" X g" u n g f q x c p 2 o " À | g o Ń" d { n | l k - v p" r q w | g" x" r t c o g p k - v Ń e j" x" P R T" L k | g t u m j q t u m 2" d w k p { * q e j t c p p 2" r" a u o q + " c" x" p g l x e j q f p l - Ń" a u v k" E J M Q. " e g n m g o" 42" " c" 6. " *XK0/XKK0+0

r Ńv qm" Ftc {j q" r qv qm c"} 35d. = rtc o gpk-v "w" \ ncv2" Qng- pleg"} 35f. = r Ńv qm" Lg keg"} 3; f. = r Ńv qm" Lg- mtcdeg"} 42e. g. h. = **rtc o gpk-v** "r q f" V k- k p q w"} 72h. = **Zlatník**]74d. 0

Leptoceridae

Cfkegnnc "Lnkeqt pku" *Rkevgv."3:56+

X" Gxtqr *ok o q" Kuncp fw. " Ktunc. " Umcp fkp" a xkg" c" R {tgpplum2 j q" r q n q q v v t q x c + " c" x" u g x g t p Ń { C p c v q n k k 0 " X" T" d flp "ftwj" rtc o gpk- "c" rtc o gpp e j" u v t w fl g m. " | " E J M Q" L k | g t u m 2" j q t { " 48" " c" 33" " *XK0/XKKK0+0

o qm cf {"w" Dñ2 j q" r qv qm c"} 5f. = **Jedlová**]39e. = r Ńv qm" Lg keg"} 3; f. = r Ńv qm" Lg- mtcdeg"} 42e. = r Ńv qm" Mc o gpleg"} 45g. = **rtc o gpk-v** "r q f" V k- k p q w"} 72g. = **Zlatník**]74c. d. = **rtc o gpk-v** . " Nkdxgt fum " o quv"]75d. = **Ztracený potok**]75e. 0

Adicella reducta *OeNecjncp."3:87+

X" Gxtqr *ok o q" Kuncp fw + " c" x" | a r c f p Ń { C p c v q n k k 0 " X" g e j" a e j" d flp "ftwj" r q v q m " c" Ń g m. " p c" O q t c / x " n q m" a n p = " p c" H t f n c p v u m w" c" x" p k f l - Ń e j" r e t v k Ń e j" E J M Q" | l k - v p q" 39" " c"; " *XK0/XKKK0+0

o qm cf {"w" Dñ2 j q" r qv qm c"} 5g. = r Ńv qm" Ftc {j q" r qv qm c"} 35e. = **Lg keg**]3; c. d. = **O c n" a" Lg keg**]3; i. j. = r Ńv qm" R g m g n - s k é h o p o t o k a"} 56f. = **Rovný potok**]5; c. f. = **Uc um** " r q v q m"]63c. = **U o f" a"]64f. = Štolpich**]68l. = r Ńv qm" m v q n r k e j w]68n. = **Zlatník**]74e. 0

Triaenodes bicolor *Ewtvku."3:56+

Ftwj "u" gxtqrum o "tq | - Ń gp Ń o. " x" T" jqlp "x" | ctquvn e j" u v q l c v e j" x q f" a e j" p k f l - Ń e j" r q n q j 0" X g" u n g f q x c p 2 o " À | g o Ń" d { n" r t q m" a | p" r q w | g" p c" H t f n c p v u m w 0" **rybník Dubák**]64m. < 380XKK04229."3" *N+0

Ylodes simulans *Vlfgft."3;4;+""

U<"RE

Ftwj "tq | - Ń gp "pc" x v- kp "À|g o Ń" Gxtqr { *ok o q" Kuncp fw. " Ktunc. " R {tgpplum2 j q" c" C r g p k p u m 2 j q" r q n q q v v t q x c + 0" \ " T" l u q w" r w d n k m q x c p 2" p" a n g | { " r q w | g" | " m q p e g" 3; 0" c" 30" r q n q x k p { " 420" u v q n g Ń Ń. " }

rq|f lk|fgpgd{n"x um{v"rqvxt|gp."c"rtqvq"d{n|c c|gp"og|kftwj{x" T"x{o k|gn2*Ejxqlmc" gv"cn0"4227+0"Vgrtxg"x"rqungfpej"ngvgej"d{nc|pqxwqdlgxgpc"rqrwncg"x"|cejqxcn2 o"Augmw" vqmw"Uo f2*RT"Ogcpft{Uo f2+xg"Ht fncpvum2 o"x d flmw0

Uo f^a"]64f_<";0XKKK04226."3" =]64k_<"390XKK04229."32" *N+=]64l_<"360XKK0/470XKK04229."8" .3" =40XKK04229."8" .37" =rybník Dubák]64m_<"380XKK04229."5" *N+0

*Mystacides azurea**Nkppcgwu."3983+

Rcngctmvkem "ftwj."-ktqeg"tq|-fl gp "xg"uvqlcv ej"kvgmqwefej"xf^a"ej"pc"egn2 o"À|g o fl T0 Xg"ungfqxcp2 o"À|g o fl|lk-v pq"36" "c"8" *XK0/XKKK0+0

Bílý potok]5d_="Bulovský potok"]8_="Mque x"t{dpfm]38d_<*N+=Uo f^a"]64f.1_="v Nq o"]64h_="t{dpf gm."Jqtpf Nw cp{]66e_="Štolpich"]68r_0

*Mystacides longicornis**Nkppcgwu."397:+

Rcngctmvkem "ftwj0"X" T"jqlp "ftwj"rtghgtwl{e"fl"uvqlcv2"xf{ "pkfl-fej"rqnj." g o wfl"qfrqx fl" f^a k"x um{v"xg"ungfqxcp2 o"À|g o fl*p^ang|"gzg o rn^a g"x"RT" T{d fl"nqw m{"lg"rtcx f r q f q d p "p^a j q f / p +."egmng o|lk-v pq": "c"7" *XK0/XKKK0+0

T{d fl"nqw m{"]62_<*N+=Uo f^a"]64k_<*N+=rybník Dubák]64m_<*N+=Vesecký rybník]73d_0

*Athripsodes bilineatus**Nkppcgwu."397:+

Ftwj"qdgpe "tq|-fl gp "x"Xgtqr "c"|cucjwl{e"fl"cf"fq"Uv gfp fl"Cukg0"X" T"jqlp "qd{xcvgn"rqvqm " c" fl gm."xg"ungfqxcp2 o"À|g o fl|lk-v pq"5;" "c"49" *XK0/XKKK0+0

Holubí potok]38e.f_="Pekelský potok"]56d_="r fvqm"Rgmgnm2 j q"rqvqm"]56f_="Pertoltický potok"]57c_="Uo f^a]64f.g.1_="Malý Štolpich"]68g_="Štolpich"]68l.r_="r fvqm"vqrkejw"]68n_="Vesecký potok"]73c_0

*Athripsodes cinereus**Ewtvku."3:56+

\^arcfqrngctmvkem "ftwj0"X" T"d flp "x"pkfl-fej"rqnj^a"ej"r gfgx-fl o"x"vgmqwefej."cng"l"xg"uvq/ lcv ej"xf^a"ej0"Pc"Ht fncpvumw"rqw|g"pc"fqnp fl o"vqmw"Uo f20

Uo f^a"]64k_<"390XKK04229."3" *N+=]64l_<"40XKK04229."3" 0

*Ceraclea albimacula**Tcodwt."3:64+

Rcngctmvkem "ftwj."x" T"tq|-fl gp "x" gm^a"ej"pkfl-fej"rqnj0

Uo f^a"]64k_<"390XKK04229."3" *N+=rybník Dubák]64m_<"380XKK04229."4" .9" *N+0

*Ceraclea dissimilis**Uvgr j gpu."3:58+

Gxtqr um "ftwj."x" T"jqlp "r gfgx-fl o"x"vgmqwefej"xf^a"ej"pkfl-fej"rqnj0"X-gej gp"|fl umcp " o cvgtk^a n"34" .4;" .XKK0/XKKK0+"r qe j^a | fl"rtcx f r q f q d p |g"Uo f20

Mque x"t{dpfm]38d_<*N+=Uo f^a"]64k_<*N+."]64l_="rybník Dubák"]64m_<*N+0

*Ceraclea senilis**Dwt o gkuvgt."3:5;+" U<"GP

Ftwj|p^a o "l"Gxtqr{."Ocn2"Cukg."t^a"pw"c"Ukdk g."x um{v"lg"wx^a f p|g"uvqlcv ej"xqf"p fl k p0 \ " T"luqw"p^ang|{"|rqungfpej"fqd{"urqtcfkem2*pcr 0"Dqj fcp g um "t{dpfm."t{dpfm"w"Uncvk cp+" c"ftwj"d{n"mncukLmqx^a p"lcmq"qj tqflgp "Ejxqlmc"gv"cn0"4227+0

oqm cf." gtpqwu{/X"Rqnk"]64 o_<"470XKK0/390XKK04229."3" 0

*Oecetis lacustris**Rkeyv."3:56+

Rcngctmvekem "ftwj."|cucjwlf|e|k"fq"qtkgpv^np| "p{0"X" T"jq|p "xg"uvqlcv ej"xqf^ej"x"pkf|f|ej" c"uv gfp|ej"rqnj^ej."|f|um^pq"7" "c"37" "*XK0/XKKK0+0" Lgfpqvxkx2"Anqxm{"pc"ux vng" xg" xtejqnx ej"rctvk|ej"Lk|gtum ej"jqt"luqw"p^ajqfp20

Uqne x't{dp|fm}38d_<*N+=Uo f|qxm "rqvm"66c_<*N+=Vkej^" f|mc"169_<*N+=Zlatnik"74d_0
*Jizerka"44d_<*N+=Mariánskohorské boudy"52_<*N+=Pertoltický potok"57c_="rybník Dubák"64m_<*N+=Uo

*Oecetis notata**Tc o dwt."3:64+

Rcngctmvekem "ftwj."wx^a f p "lcmq"qd{xcvgn}|ctquvn ej"vqmwe|ej"kvqlcv ej"xqf"p|f|kp0"X" T" nqm^np|."x v-kpqw"ud|t^a p"x"qm|n| "f| gm"c" gm0

rybník Dubák"64m_<"380XKK04229."3" "*N+0

*Oecetis ochracea**Ewtvku."3:47+

Jqncmvekem "ftwj."x" T"-ktqeg"tq|-|f| gp "xg"uvqlcv ej"xqf^ej"cqo cnglk"vqmwe|ej"Augē|ej" gm0
Pc"p|f|g"rqnf|gp ej"nqmcnk^ej"ungfxcpx2jq"À|g o|f|lk-v pq"37" "c"32" "*XKK0/XKKK0+0

Uqne x't{dp|fm}38d_<*N+=Uo f^"164_<*N+=rybník Dubák"64m_<*N+=Veseký rybník"73d_0

*Oecetis testacea**Ewtvku."3:56+""

U<"GP

Rcngctmvekem "ftwj."rqfng"nkvt^tp|ej"Àfcl "x^a|p "pc"uvqlcv2"kvqmwe|ej"xqf{"p|f|kp0"X|jngfg o" m"qlgfkp n o p^ang| o"x" T"qf"rqnxkp{"420"uvngv|d{n"ftwj" c|gp"og|k"qj"tqf|gp2"Ejxqlmc" gv"cn0"4227+."|"rqungf|p|fqd{"luqw"p^o2p^ang|{"pcr 0|"lkf|p|ej" gej."Àfqm|R-qxm{"pc"mqm|p/ umw"cp|p|k|"Ht fncpvum2jq"x d flmw0

Uo f^"164_<40XKK04229."5" .3" =rybník Dubák"64m_<"380XKK04229."4" .6" *N+0

\jqfpqegp|x ungf m

Xg"ungfxcpx2o"À|g o|f|d{nq"x"qdfqd"3;:;6422:"|lk-v pq"354"ftwj "ejtquv|m .v10"74" ' "pc-|" hcwp{0"X"E JMQ"Lk|gtum2"jqt{"d{nq"pcng|gpq"336"ftwj .x gvp "ftwjw"Hydropsyche bulgaromanorum."mvgt "lg"x^a|p"pc"xgnm2" gm{"c"pgn|g"jq"rq |vcv"m"hcwp "Lk|gtum ej"jqt."c"fcn-f|ej" v|"ftwj "*Hydropsyche bulbifera."Lepidostoma hirtum."Ceraclea dissimilis+wnqxp ej"xflf{" x"lgfpqvxkx2o"gzgo rn^a k|pc"ux vng.mvgt2"rcej^a|gl|"rtcx f r qf qd|"vqm "x"rqfj "f|Lk|gtum ej" jqt0"Peqrcm"pgd{n"rqvxt|gp"x um{v"lkl" f |xg"Pqx^mg o "3;86+|"lk-v p2jq"ftwjw"Halesus rubricollis0" \ "Ht fncpvum2"rcjqtmcv|p{"d{nq"rtqm^a|apq"8:"ftwj .|"vqjq"3:"ftwj "*Glossosoma boltoni."Hydroptila sparsa."Orthotrichia costalis."Agraylea sexmaculata."Holocentropus picicornis."Neureclipsis bimaculata."Oligostomis reticulata."Silo piceus."Lepidostoma basale."Sericostoma schneiderii."Molanna angustata."Triaenodes bicolor."Ylodes simulans."Athripsodes cinereus."Ceraclea albimacula."C. senilis."Oecetis notata" c"O. testacea+pgd{nq|lk-v pq"x"Lk|gtum ej"jqt^ej"z v-kpqw"ug"lfp^a"q"ftwj {"x{"um{vwl|e|f|ug"x"pkf|f|ej"pcf o q um ej" x -m^ej"pgdq"x^a|cp2"pc"x v-|vqm{0

R k'rtqxfgp2o"x |mw o w d{n"rtqm^a|p"x um{v"fgugv|x|^ep ej"ftwj .mvg2"luqw|c c|gp2" fq" gtxgp2jq"ug|pc o w"qj"tqf|gp ej"ftwj "dg|qdtcm ej" T"*Ejxqlmc"gv"cn0"4227+0" Ftwj." Wormaldia pulla."Polycentropus irroratus."Plectrocnemia geniculata."Hydropsyche fulvipes." H. tenuis" c"Agrypnia pagetana"d{n{"pcng|gp{"x"E JMQ"Lk|gtum2"jqt{"Oligostomis reticulata." Ylodes simulans."Ceraclea senilis" c"Oecetis testacea"pc"Ht fncpvum0

\g\utqxp^pfl|lk-v p^2jq^rq vw^ftwj "u"x ungfmc{"qdfqdp ej"x |mw o "x"lkp ej"jqtum ej" qdncuvej"x" T^*Mtmqpp-g^o";:ftwj ^*TMrc gm^4226+.E JMQ^Qtnkem^2;jqt{"o^333"ftwj ^*Ocegmn gv^cn0^4227+.^TMw o cxc^o^378"ftwj ^*Pqx^am^3;;8+.^Pqxqjtcfum^2;jqt{"o^96"ftwj ^*Pqx^am^3;93++ x{rn x^a.^flg^rtqxfgp "rt |mw o"d{n^fqvcvg p "tgrtg|gpvcvxp^c"fqd g"ejctcmvgtk|wlg^hcvpw ungfqxc^2^qdncuvkl)

Pgljqlp l-fok^ftwj {"x"lkg^tgm ej"jqt^a ej"luqw^Crcvcpkc^"Lodtkvc^*39.; " "gzgo rn^a + c^Drusus annulatus^*:7 " "gz0+.^urqmw^u^fcn-fok^ftwj {"*pcr 0^Drusus discolor.^Chaetopterygopsis maclachlani.^Pseudopsilopteryx zimмери.^Psilopteryx psorosa.^Allogamus uncatus c^Melampophylax nepos+^luqw^ejctcmvgtkuvkem^2^rtq^rqvqm{"xg^xtejqnqx ej"rctvk^fej"E JMQ^0 X^v ejvq^rqvqefej^lg^rq gyp |cuvqwrpgc^tqxp fl^Plectrocnemia conspersa^*5.2 " "gz0+.^mvgt^a ug^qx-g o"x{um{vwlg^k^x^p^flg^rqnqflgp ej"rqvqefej^c^rtc o gpg^ej^0 X^rqvqefej^x^pkfl-fej^rqnqj^a ej" ungfqxc^2^jq^A|g o^flg^xgn ok^jqlp "Tinodes rostocki^*5.7" "gz0+0)

V{rkem ok^dkvqr {"p^ajqtp^rnq-kp {"Lk|gtum ej"jqt^luqw^tc-gnkpk-v "ug^urgek^Lemqw^hcv/pqw^ej tqv^flm 0^X^ f{uvtqhp^fej^xqf^a ej"fq okpwl^fl^ftwj {"Linnephilus coenosus^*7.4 " "gz0+ c^Rhadicoleptus alpestris^*5.5" "gz0+^c^x{um{vwl^flug^|fg^fcn-fl^a uvwrek^ngf^fl^Nk o pgr jknkfcg^*Linnephilus^ur r0.^Grammotaulius nigropunctatus+c^Rjt{icpgkfcg^*r gfgx-fl o^Oligotricha striata+0^X^PRT^Tc-gnkpk-v "Lk|gt{.^mvgt^a |c jtpwlg^uvqlcv^2^tc-gnkpp^2^xqf {"c" gmw^Lk|gtw^c^lg^fl^ r^flvqm {"d{nq^pcng|gpq^5:"ftwj "ej tqv^flm 0)

\ jngfkumc^hcv {"Vtkejqrvtg^rcv^fl^m^pglepp l-fl o^nmcnkv^a o^pc^A|g o^fl^E JMQ^Lk|gtum^2^ jqt {"rqvqm {"c^rtc o gpk-v "x^rqxqf^fl^TMvqrkejw^c^Xgnm^2^T{d^fl^xqf {"v10^o qm cf {"pcej^a |gl^fl^ug^x^qejtcpp^2^o^r^a u o w^PRT^Lk|gtumqjqtum^2^dw kp {"mf g^d{nq^|lk-v pq^cul^72"ftwj ^*x gyp "x|^a ep ej^Wormaldia pulla^c^Plectrocnemia geniculata+0^Fcn-fok^jqfppv ok^o qm cf {"luqw^jqt^fl^vqm^rqvqmc^lg-mtcdg.^ncvp^fl^mw^c^Ftc^flj^q^rqvqmc.^lgk^ej^r^flvqm^c^r^kngjn ej^rtc o gpk-v "x^lkjxq ejqf^p^fl^a uvk^E JMQ^|cucjw^fl^e^fl^fq^Xkn^2^o qxum^2^jqt^pcv^k^p^*Mtmqpp-g^c^Mtmqpp-um^2^jq^rqfj ^fl^Rtqm^a|^apq^|fg^d{nq^64"ftwj .^rqw|g^pc^v ejvq^nmcnkv^a ej^d{n {"lk-v p^l^ftwj {"Synagapetus iridipennis^c^Hydropsyche fulvipes^0)

X^RT^Ogcpft {"U o f^2^pc^Ht^fncpvumw^|c jtpwl^fl^e^fl^ gmw^U o fqw.^t{dp^fl^m^Fwd^am^c^r^kngjn^2^ o qm cf {"d{nq^|c|pc o gp^a pp^5;"ftwj .^x gyp "x|^a ep ej"ftwj "Ylodes simulans^c^Oecetis testacea^0)

Rqf mqx^a p^fl^Rqf mqx^a p^fl^rcv^fl^r gfgx-fl o^R^Xqpk mqxk^c^L0^Rt^kngtqxl^|c^qd vcxqw^c^cuqx p^a tq pqw^rt^a ek^x^vgt^2^pw.^ud t^tq^u^a jn^2^jq^o cvgtk^nw^c^lgj^qtq|v^fl^p^fl^c^egpp "rq gyp "ocvgtk^a^ej tqv^flm "f mwlk^f^fcn-o^mqngi o.^r gfgx-fl o^H^Mtc o r^q^xk^c^L0^Lg^flm^qxk0^L0^TMrc mqxk^f^mwlk^|c^f^qrn w^fl^e^fl^kphq^o^ceg^q^x um{vw^hctg^x^ej tqv^flm "xg^ung^fqxc^2^o^A|g o^fl^R^Xqpk mqxk^l^lug o^xgn^k^e^|cx^a|^p^|c^r^q o qe^c^egpp^2^tc^f {"r^k^r^fl^rtcx "r^flur^xmw0^R^Mq o|^mqxk^f^mwlk^|c^mq o gpv^a m^twmqrkuw0^Rt^eg^d{nc^x^r^tceqx^a^pc^x^t^a^ok^x |mw o p^2^jq^|^a o^tw^OM^ T^*OM22224549423+0)

NKVGTCVWTC

E J X Q L M C^R^l ("MQO \ f^M^R^0422:<Vjg^jkuvqt {"cpf^r^tgugpv^uvcvq^h^Vtkejqrvtg^tc^tgugetej^kp^vjg^E|gej^Tgrw^d^nk^l^Ferrantia.^77^o^33/430)

E J X Q L M C^R^l ("PQX f^M^M^04223^C^f^k^v^k^p^u^cpf^e^q^t^g^ev^k^p^u^v^q^v^j^g^e^j^gemknv^q^h^Vtkejqrvtg^c^*Kpug^ev^c^htq o^vjg^E|gej^cpf^U^unq^xcm^Tgrw^d^nk^e^u^Acta Mus. Nat. Pragae, Ser. B, Hist. Nat.^78^4222+^325/3420)

E J X Q L M C^R^l ("PQX f^M^M^0 ("UGFN f^M^G^04227^<Vtkejqrvtg^c^*ej tqv^fl^ek+.^r r^0^38:/3930^Kp^<HCTMC "L0.^MT f^N^F0 (^TM^MQTR^M^O^0^*g^fu+^ gtxgp "ug^pc o^qj^tq^l^gp ej^ftwj " gum^2^tgrw^d^nk^m^fl^Dg^qdt^cm^fl^Tgf^nkun^q^h^j^tgc^v^g^ned species in the Czech Republic. Invertebrates^0^C i gpw^tc^qej^t^cp^l^r^fl^tq^f^|c^m^t^l^k^p {" T.^Rtc^j^c.^982^r^r^*k^p^E|gej^cpf^G^p^nk^uj+0)

NCPFC^X^l ("UQNF f^P^W^03;:;<Tq^-fl^gp^fl^a^fw^Grjogotqrvtg^c^x^ UUT^u^q^jng^fgo^pc^m^x^cn^kw^xqf^fl^*The distribution of the order Ephemeroptera in Czechoslovakia with respect to water quality+0^U^v^fk^g^ UCX^390^Cec^f^o^k.^Rtc^j^c^*k^p^E|gej.^G^p^nk^uj^u^w o o^0+0)

OCEGM/L0.E J XQLMC/R0 (LGfGML0/4227<32hgv"gpvq o qnq ikem2 j q'x |mw o w'x'E J MQ'Qtnkem2 jqt{*3; ;664226+0
 |Vgp{*gct'qh'gpvq o qnq ikem2 t'gugctj'kp'vjg'Qtnkem2 jqt{*RNC*3; ;6/4226+0/Panorama. Fqdt2.35<327/334'
 *kp'E|gej+0

OCNKEM ["J03; ;2<Tgxkukp'fgt' I cwwpi "Ogn o rqrj {ncz'Uej okf."3; 77*Vtkejqrvtg. Nk o pgr jnk fcg+0/Nachricht-
 tenblatt der Bayerischen Entomologen."5; <3/350

PQXfM/M03; 7; <Pqx2*p'ngl { 'ej tqm' | " gej *Vtkejqrvtg+0 *Pgw'Vtkejqrvtgphwpf'g'cwu'D34j o gp+0' cul0' ul0'
 Spol. Entomol..77<5:2/5:4" *kp'E|gej. " Igt o cp'uw o o+0

PQXfM/M03; 84<Fkg'Xgdtgkwpi' fgt' Ctvgp' fgt' I cwwpi "Tj {ceqr jknc' Rkev0'kp'D34j o gp *Vtkejqrvtg+0' cul0' ul0'
 Spol. Entomol..7; <472/4870

PQXfM/M03; 86<Dgkvtci' |wt' Mgppvpku' fgt' M34ejgt hkg igp' D34j o gpu *Vtkejqrvtg+0' cul0' ul0' Urqm0' Gpvq o qm0. "83<
 49; /4:50

PQXfM/M03; 93<Vtkejqrvtg' Pqxjctfum ej' jqt0' *Fkg' M34ejgt hkg igp' fgu' Igdktigu' Pqxjctfum2' jqt{*Vtkejqrvtg+0'
 Udq0' Lk'jg' gull' Ow'0'x' gull' Dwf lqxke'ej. "R f0'X ff. "33. Uwr n0'3<67/73 *kp'E|gej. " Igt o cp'uw o o+0

PQXfM/M03; 95<Fkg'Vtkejqrvtgphwpc' fgt' Vuejgej qnqy cmgk0' Folia Ent. Hung..48 *Uwr n0+<533/5380

PQXfM/M03; ; 8<Hwpc'Vtkejqrvtg+0' w o cx {0' *Fkg'Vtkejqrvtgphwpc' k o 'D34j o gty cnf+0' Udq0' Lk'jg' gull' Ow'0'x' gull'
 Dwf lqxke'ej. "R f0'X ff. "58<73/83 *kp'E|gej. " Igt o cp'uw o o+0

RTWPGT' N0' ("O' MC'R03; ; 8<Ugl' pc o' qde' c' lgl' k'j' " av' x' gum2' tgrwdnke'g' u' fun { " ocrqx ej' rqn' rtq' uf' qx2'
 o crqx' p' h'wpc {0' Nkuw' qh' ugvng o g' p' u' k' p' v' j' g' E | g e j " T g r w d n k e " y k v j ' c u u q e k c y g f ' o c r ' L g n f ' e q f g u ' h q t ' h c w p k u k e ' i t k f '
 v k p q f g u ' m k o o k p u k ' u r 0' p l ' A c t a F a u n . E n t . M u s . N a t . P r a g a e . " : < 9 ; / 2 0

TWEMKL/4229<O cmtq/qdqg'pvqu'fnqw'jqfd' uwgf'qxp' ej' v' qm' u' t' l' p' o' u' w' r' p' o' q' x' n' x' p' p' ' c' v' o' q' u' h' 2' t' k' e' m' q' w' c' e' k' f' k' E' n' c' e' f' 0'
 Oueh. " Fk' r' n' 0' r' t' e' g. — u' v' c' x' f' l' x' q' 0' r' t' q' u' 0. " R f' 0' h' c' m' l' W' p' x' d' M' e' t' n' q' x' { . " R' t' e' j' c' * k' p' E | g e j + 0

U MQTC' L03; 84<Uq o g' t' g o c' t' m' u' q' p' v' j' g' f' k' u' v' t' d' w' k' p' q' h' v' j' g' i' g' p' u' w' V' k' p' q' f' g' u' k' p' E | g e j' q' u' n' q' x' c' m' k' c' p' f' f' g' u' e' t' k' r' v' k' p' q' h' '
 V' k' p' q' f' g' u' m' k' o' o' k' p' u' k' u' r' 0' p' l' A c t a F a u n . E n t . M u s . N a t . P r a g a e . " : < 9 ; / 2 0

™RC GM' L0' 4226<Lgrkeg *Grjg o g' t' r' v' r' g' t' c' + . " r' q' - x' c' m' f' * R' n' g' e' q' r' v' r' g' t' c' + " e' j' e' t' q' u' f' e' k' * V' t' e' j' q' r' v' r' g' t' c' + " M' t' m' q' p' - o' " f' k' x' g' t' / k' v' c' . "
 t' g' m' q' u' v' t' w' m' e' g' ' u' r' q' n' g' g' p' u' w' x' c' d' k' q' p' f' l' a' n' c' e' g' . " c' e' k' f' k' E' n' c' e' f' 0' Oueh. " f' k' l' g' t' 0' r' t' e' g. " M' e' v' g' f' t' c' | q' n' q' i' k' g' c' m' q' n' q' i' k' g' . " R f' 0' '
 h' c' m' l' O' c' u' c' t' { m' 0' w' p' k' x' 0 . " D' t' p' q' * k' p' E | g e j + 0

VQOCU / G Y U M K ' Y 0 3 ; 5 4 < D g k v t c i ' | w t ' M g p p v p k u ' f g t ' V i g t y g n v ' U e j n g u k u e j g t ' D g t i d 0 e j g 0 A b h a n d l u n g e n d e r N a t u r -
 f o r s c h e n d e n G e s e l l s c h a f t z u G ö r l i t z . " 5 3 * 5 + * 3 / : 2 . " : 2 c / h 0

XQPK MC'R/422: <G'p'vq o qnq ikem 'x |mw o Lk|gtum ej' jqt' c' Ht fncp'vumc' x' h' g' v' e' j' 4222/42290' *G'p'vq o qnq ikem' u' w' t' x' g' f' '
 qh' v' j' g' Lk | g' t' u' m 2 ' j' q' t { " O' v' u' c' p' f' H' t f' n' c' p' v' t' g' i' k' a' p' k' p' 4222/4229+0' U' d' q' t' p' 0' U' g' x' g' t' q' g' u' l' 0' w' 0 . " R f' 0' X f' f . " N' k' d' g' t' e . " 4 8 <
 5 / 3 4 * k' p' E | g e j . " G' p' i' n' k' u' j ' u' w o o + 0

XQPK MC'R0 (" Xk™ fM' T0' 422: < " m' m' c' f' p' e' j' c' t' c' m' y' g' t' u' k' v' m' c' | m' q' w o c' p' 2' j' q' à | g' o' f' Lk | g' t' u' m' e' j' j' q' t' c' H' t f' n' c' p' v' u' m' c' 0'
 * I' g' p' g' t' c' i' e' j' c' t' c' e' v' t' k' u' v' k' e' q' h' v' j' g' u' w' f' f' { " c' t' g' c' k' p' v' j' g' Lk | g' t' u' m 2 ' j' q' t { " O' v' u' c' p' f' H' t f' n' c' p' v' t' g' i' k' a' p' + 0' U' d' q' t' p' 0' U' g' x' g' t' q' g' u' l' 0'
 O' w' 0 . " R f' 0' X f' f . " N' k' d' g' t' e . " 4 8 < 3 5 / 5 5 * k' p' E | g e j . " G' p' i' n' k' u' j ' u' w o o + 0

UWO OCT [

Vjg'ecf' fku l { "h'wpc'qh'v'j'g'Lk|gtum2' jqt { "Ovu'cp'f'v'j'g'Ht fncp'v'tg'ik'p'p'q'v'j'g'tp'Dq'j'g'okc. "
 E | g e j " T g r w d n k e + " y c u ' u w f k g f ' f w t k p i ' 3 ; ; 6 4 2 2 : 0 ' V j g ' u w f { " c t g c ' k u ' f g u e t k d g f ' k p ' f g v c k n ' d { ' X q p k /
 m c " (" X k - a m * 4 2 2 : + 0 ' U r g e k c n ' c w g p v k q p ' y c u ' r c k f ' v q ' v j g ' L k | g t u m 2 ' j q t { " R t q v g e v f ' N c p f u e c r g ' C t g c '
 * R N C + * k 0 g 0 ' n q e c n k v k u ' p q 0 4 . " 5 c / g . " 6 c / f . " 7 c / f . " 9 c / f . " . ; c / i . " 3 2 c / e . " 3 3 . " 3 4 c . d . " 3 5 c / g . " 3 6 . " 3 7 c / f . "
 3 8 c / f . " 3 9 c / f . " 3 : c . d . " 3 ; c / l . " 4 2 c / g . " 4 3 c / i . " 4 4 c / f . " 4 5 c / j . " 4 6 . " 4 8 . " 4 9 c . d . " 4 : c . d . " 4 ; . " 5 2 . " 5 3 . " 5 5 c / f . "
 5 8 . " 5 : . " 5 ; c / f . " 6 2 . " 6 4 c / f . h . " 6 5 . " 6 6 c / e . " 6 7 c . d . " 6 8 c / r . " 6 9 . " 6 : c . d . " 6 ; . " 7 2 c / i . " 7 4 c . d . " 7 5 c / i + = " u g x g t c n '
 n q e c n k v k u * 4 2 h / k . " 4 5 k . l . " 5 4 . " 5 9 . " 7 3 c . d . " 7 4 e + " c t g ' u k w v c g f ' k p ' v j g ' e n q u g ' x k e k p v { " q h ' v j g ' L k | g t u m 2 ' j q t { "
 R N C 0 ' K p x g u v k i c v k q p u ' y g t g ' u w r r n g o o g p v g f " y k v j " t g e q t f u ' h t q o " v j g ' H t f n c p v ' t g i k p * H t f n c p v u m a '
 r c j q t m c k v p c " J k n u + * n q e c n k v k u " 3 c . d . " 8 . " 4 7 . " 4 9 e . f . " 5 6 c / f . " 5 7 c . d . " 6 3 c . d . " 6 4 g . i / o + . " o c k p n { " h t q o "
 v j g ' O g c p f t { " U o f 2 " P c w v t g " T g u g t x g * y g v n c p f u c n q p i " v j g " U o f a " t k x g t " 0 " n q e c n k v k u " 6 4 k / n + 0 " V j g '
 n k u v " q h " n q e c n k v k u " k p e n f w g u " c " e q o r n g v g " E | g e j " p c o g * c d d t g x k c v g f " p c o g u " c t g ' k p " d q n f + " h q m n y g f "
 d { " c n k v w f g . " e q n g e v k p i " o g v j q f * h q t " c d d t g x k c v k p u " u g g " d g n n y + . " f c v g " q h " e q m g e v k p " c p f " p c o g " q h "
 e q m g e v q t * " H M " 0 " H D " M t c o r n n i v 0 . " L L " 0 " L D " L g f l g m " n i v 0 = " L R " 0 " L O " R t g k u n g t " n i v 0 = " R E j " 0 " R O " E j x q l m c " n i v 0 . "
 R X " 0 " R O " X q p k m c " n i v 0 . " \ J " 0 " \ 0 " J q k e m " n i v 0 + 0

Cfwnv'ecf' fku l'kgu" *32.2; 7'urgek o g'pu- ygtg' eqmgev'f' d { "uygg'rkpi" *UY+ . "cv'nki jv" *N+ . "
 cp'f' d { "fkhhgtg'pv' { rgu'qh'v'tcr" *Ocncukg'v'tcr" 0'OV. "eq o d'kpg'f' l'ki jv'v'tcr" 0'EHV. { "gnnqy" rcp'

vtcru"ó" [RV." r { tc okfc n"vtcr" ó"R [T." g o g t i gpeg"vtcr" ó"GV+*"ugg" cnuq" Xqpk mc"422: +0" Ugngev" nctxcg" *364" urgek o gpu+ " ygtg" kpf gpvkŁgf" htq o " dgpv" jke" uc o rngu" *DU+0

Cnvq i gv jgt"354" urgekgu" ygtg" tgeqtfgf" kp" vjg" uvwf { "ctgc" Rwdnku jgf" fcvc" * y jgtg" cxckncdng+ " cpf" cnn" pg y" hqecnkvgu" *v jgt" cddtgxkcvgf" pc o gu+ "ctg" hkuvgf" kp" gce j" urgekgu" Vjg" ec f fku f { "hcwpc" qh" vjg" Lk | gtum2" jqt { "RNC" eq o r tkug" 332" urgekgu" *Hydropsyche bulgaromanorum." H. bulbifera." *Lepidostoma hirtum*." *Ceraclea dissimilis*" ctg" pqv" kpenwfgf" /" ukp ing" urgek o gpu" ygtg" eqnngvevgf" cv" hki j v+0" Cp" cf fkvkqpcn" urgekgu." *Halesus rubricollis*." ycu" tgeqtfgf" d { "Pqx" a m" *3; 86+0" Ukzv { gki j v" urgekgu" ygtg" hqwpf" kp" vjg" Ht fncpv" tgi kqp." qh" vjg o "3: " urgekgu" *Glossosoma boltoni." *Hydroptila sparsa*." *Orthotrichia costalis*." *Agraylea sexmaculata*." *Holocentropus picicornis*." *Neureclipsis bimaculata*." *Oligostomis reticulata*." *Silo piceus*." *Lepidostoma basale*." *Sericostoma schneiderii*." *Molanna angustata*." *Triaenodes bicolor*." *Ylodes simulans*." *Athripsodes cinereus*." *Ceraclea alboguttata*." *C. senilis*." *Oecetis notata*." cpf" O. testacea+ " ctg" pqv" mpqy p" htq o " vjg" Lk | gtum2" jqt { "Ovu

Vgp" tctg" urgekgu." kpenwfgf" kp" vjg" tgf" nkuv" qh" vj tgcvgpgf" urgekgu" qh" kpxgtvgdtevgu" qh" vjg" E | ge j" Tgrwdnke" *Ej xqlmc" gv" cn" 4227+." ctg" rtgugpv" kp" vjg" uvwf { "ctgc" Vjg" urgekgu" *Wormaldia pulla*." *Polycentropus irroratus*." *Plectrocnemia geniculata*." *Hydropsyche fulvipes*." *H. tenuis*." cpf" *Agrypnia pagetana*" ygtg" hqwpf" kp" vjg" Lk | gtum2" jqt { "RNC" cpf" *Oligostomis reticulata*." *Ylodes simulans*." *Ceraclea senilis*." cpf" *Oecetis testacea*" kp" vjg" Ht fncpv" tgi kqp" Vjg" o quv" kpvgtguvki" tgeqtfgf" ku" c" tgf kueqxtg { "qh" *Ylodes simulans*" kp" vjg" E | ge j" Tgrwdnke" Vjg" urgekgu." mpqy p" htq o " Dqj g o kc" qpn { "ceeqt fki" vq" Mncr" a ngm" Łp fki u" *Ej xqlmc" (" Pqx" a m" 4223+." ycu" pqv" eqnngvevgf" kp" vjg" E | ge j" Tgrwdnke" fwtkpi" vjg" 42v j" egpvvt { "cpf" ycu" tgi ctfgf" cu" tgi kqpcn { "gzvkpev" *Ej xqlmc" gv" cn" 4227+0

Vjg" o quv" cdwpcpv" urgekgu" kp" vjg" Lk | gtum2" jqt { "Ovu" ctg" *Crcvcpkc* "Łodtkvc" *390; ' " qh" vjg" urgek o gpu+ "cpf" *Drusus annulatus*" * : 07 ' " urge" 0+0" Vjg { "ctg." vqi gv jgt" ykvj" *Drusus discolor*." *Chaetopterygopsis maclachlani*." *Pseudopsilopteryx zimmeri*." *Psilopteryx psorosa*." *Allogamus uncatulus*." cpf" *Melampophylax nepos*." v { rkecn" kp jcdkvcpvu" qh" uvtegc o u" cv" jki jgt" gngxcvkqpu" kp" vjg" Lk | gtum2" jqt { "Ovu" *Plectrocnemia conspersa*" ku" cnuq" pw o gtqwu" *502 ' " urge" 0+." dwv" kv" qeewtu" cnuq" kp" vjg" hqqv j knnu" cpf" kp" vjg" Ht fncpv" tgi kqp" F { uvtegc" qh" o qwpvckp" rgcvdqi u" ctg" fgpugn { " rqrwncvgf" d { "Limnephilus coenosus" *704 ' " urge" 0+ " cpf" *Rhadicoleptus alpestris*" *505 ' " urge" 0+ " Qv jgt" nk o pgr j knkf u" *Limnephilus" ur r 0." *Grammotaulius nigropunctatus*+" cpf" r j t { icpgkfu" * o ckn { " *Oligotricha striata*+" ygtg" cnuq" eqnngvevgf" kp" vjg" jcdkvcvu

