

Vláhomilkovití (Diptera: Phaeomyiidae, Sciomyzidae) Jizerských hor a Frýdlantska

Phaeomyiidae and Sciomyzidae (Diptera) of the Jizerské hory Mts and Frýdlant region (northern Bohemia, Czech Republic)

Twfqnh"ROZKOŠNÝ³⁺. "Lk ¶|RTGKUNGT⁴⁺" ("Rcxgn"XQPk MC⁵⁺

³⁺—uvcx"dqvcpmk{"c"|qqnqikiq.R ftqfqx fgen^a"hcmwnc"Ocutt{mqx{"wpkxgt|kv{."Mqvn^a um^a"4."
E \ "ó"833"59"Dtpq="g/o ckn<"tq| m B uek| o wpk|e|

⁴⁺Xnpc um^a"8;4."E \ "ó"682"28"Nkdtgce="8="g/o ckn<"rtgkunt|dnd B ug |pc o|e|

⁵⁺Ugxgtq gum²"o w|gw o."Ocutt{mqxc"33."E \ "ó"682"23"Nkdtgce="g/o ckn<"rcxgn|xpkmec B o w|gw o nd|e|

Abstract. Tguwvnu"qh"c"lwtxg{"qh"Rjcgq o {kkfcg"cpf"Uekq o { |kfcg"kp"vjg"Lk|gtum²"jqt{"Ovu"cpf"Ht fncpv"tgikqp"kp"422464229"ctg"rtgugpvgf|Cmvqi gvjgt"768"urgek o gpu"qh"vy q"urgekqu"qh"Rjcgq o {kkfcg"cpf"66"urgekqu"qh"Uekq o { |kfcg"y gtg"tgeqtf"gf"gd{"o gcpu"qh"uy ggrkpi."eq o dkpgf"iki jv"vteru."g o gti gpeg"vteru."Ocncug"vteru."{gmmqy"rcp"vteru."dggf"vteru"cpf"rtqvgkp"vteru|Pherbellia sordida"* J gpfgn."3;24+"ycu"hqwpf"kp"Dqjg okc"hqf"vjg"Łtuw"vk o g"cpf"Anticheta atriseta"*Nqgy."3:6;+."A. brevipennis"*|gwgtwgvf."3:68+"cpf"P. silana"Tkxqugeejk."3; ; : ;tgtrtgup"ugeqpf"tgeqtfu"kp"Dqjg okc|A. atriseta"ku"eqpukfgtg"vq"dg"etkvecm{"gpfcpi gtf."A| brevipennis"cpf"P. silana"Tkxqugeejk."3; ; : ;gpfcpi gtf"kp"vjg"E|gej" Tgrwdnke|

Key words: Fkrvgtc.Rjcgq o {kkfcg.Uekq o { |kfcg.Lk|gtum²"jqt{"Ovu.Ht fncpv"tgikqp."E|gej" Tgrwdnke."Dqjg okc."etkvecm{"gpfcpi gtf"cpf"gpfcpi gtf"urgekqu

—XQF

Qd " gngfk"d{n{"rq"fnqwj qw"fqdw"|c j tpqx^ap{"fq" gngfk"Uekq o { |kfcg."vgrtxg"x"rqungf"p"ej"ngvgej"lg" gng "Rjcgq o {kkfcg"qff nqx^apc"fq"uc o quvcv²" gngfk"r gfgx-¶|o"pc"}^amncf "qfnk-p²"dknqikg"nctgx|Egnqux vxq^a"hcwpc" gngfk"Rjcgq o {kkfcg"|c j tpwlg"rqw|g"5" gxtqrum²"ftwj {"mvgt²"x-gej p{"d{n{"|lk-v p{"k"x" gum²"tgrwdnkeg|} gng "Uekq o { |kfcg"|c j tpwlg"557"|p^a o ej"ftwj ."rqftqdp lk"luqw"x-cm"|p^a o²"jncxp "ftwj {"rcngctmvkem²"c"pgctmvkem²"X"Gxtqr "|c j tpwlg" gng "364"ftwj "*Tq|mq-p ("Mpwwuqp"4227+0"X" gum²"tgrwdnkeg"lg|lk-v pq"9:"ftwj ."|vjq"q"8;"x" gej^aej"97"pc"Oqtcx "*Tq|mq-p "4228+0"lgf"gp"fcn-¶|ftwj|" gej"lg"q|p^a o gp"x"v²vq"rt^aek|Fq" gtxgp²"j"ug|pc o w"dg|qdtcvn ej"flkxq kej " gum²"tgrwdnkm{"lg|c c|gpq"egnmg o"32"ftwj "| gngfk"Uekq o { |kfcg"*Tq|mq-p "4227+."|"pkej|l"xg"|mqw o cp²"qdcuvk"Lk|gtum ej"jqt" c"Ht fncpvumc"d{n{"|lk-v p{"5"ftwj {0"

Qdgepqw"ejctcmvgtkuvkmw" gngfk"wx^af¶|Tq|mq-p "*3; ; :+."vgpv fl"cwvt|"xg glpkn" k" o qpq/i tēk"cmxkmqnp"ej"ftwj "*Tq|mq-p "4224+0"Uv gfgqxtqrum²"ftwj {"o qj qw" d v"wt gp{"rq o qe¶|mn¶| "rwdnkmqxc p ej"uvglp o"cwvqtg o"*Tq|mq-p "3;88."3; ;9."3; ;3+0"X v-kpc"fqur ne "gngfk"Uekq o { |kfcg"ug"x|um{"vwlg"rqdn¶|fl" o¶|uv"x xqlg"nctgx" c"|xn^a-v "p mvgt²"ftwj {"luqw"vcm"rq o tp "jqlp²"w"qmtcl "xqf."pc"dcflk^aej."tc-gnkp-k-v"¶|ej" c"rqf²n"uvkpp ej"qmtcl "ngu |Rqw|g"p mqnm"ftwj "rtqpkm^a"k"pc"x|unqxp "zgtqvtg o p¶|uvcpqxk-v ."pcr |Coremacera marginata*Hedtkewu."3997+0"Rq o tp "tq|u"jⁿ2"kpht o ceg"q"dknqik"kk"nctgx"fqmn^a fcl¶|flg"ug"nctx {"flk¶|lcmq" rctc|kvqkfk"pgdq"rtgf^avq k"xqfp"ej."ug o kcmxcvkem ej"cuwejq|g o um ej"rnfl "*Tq|mq-p "3; ; :="Mpwwuqp" ("Xcnc"4224-"OeFqppgn"gv"cn|0"4227+0"M"xqfp"o"rcv ¶|nctx {"tqf "Elgiva" c"Sepedon

c'ftwjw"*Tetanocera ferruginea*"Hcm²p.3:42."mvg²pcrcfcl"jncxp rnrqxcvm{"c" |^auvwreg" gng/fk"qmtwfl^amqxkv ej⁰P mqnkm'ftwj " |"tqfw"*Anticheta*ug"x{x|l" xg"up -m^aej"xcl" gm"xqfp"ej" rnl "c"lcpvctgm."nctx{"ftwjw"*Renocera pallida*"*Hcm²p.3:42+"pcrcfcl"x"nctx^anp"o"uv^afkv" onflg"|"tqfw"*Sphaerium*"*Jqtu^amqx^a4225+0"nctx{"tqf "*Hydromya*."*Pherbellia*."*Pherbina*."*Psacadinc*."*Pteromicra*."*Sciomyza*"c'p mvg²ej'ftwj "tqfw"*Tetanocera*pcrcfcl"j |itqLnp" rnlfg"pc'd g|f"ej"xu{|ejcl"e"ej"v p"|"c"dcflkp" P mvg²urgekcnk|qxcp²ftwj{.pcr 0"*Pherbellia schoenherri*"*Hcm²p.3:48+."*Limnia unguicornis*"*Ueqrqnk."3985+."pcrcfcl"lcpvctm{"lkp²rcm" *r gfgx-|o"|"tqfw"*Pherbellia*+|tq|u^ajn "qmtwj"uwej|g|oum ej"rnl " |"x v-|jq"rq vw" gngf"0 Nctx{"ftwjw"*Tetanocera elata*"*Hcdtkkwu."39:3+"c"uk"K"*Coremacera marginata*"*Hcdtkkwu."3997+"pcrcfcl"rn |^am{"c"unk o^am{0

-tqxs "rq|p^ap"qdw" gngf" |xn^a-v "x"p mvg²ej" ^auvgej"tgrwdnkm{"lg"rqo tp "x{uqm^a." pcr 0"x"rqungf"p"ej"fguvk"ngvgej"d{n{|xg glp p{"rq|pcvm{"|"qdcuvk"R^ancx {"*Tq|mq-p "3;;+." D"nkpunc" c" Fwejeqxumc"*Tq|mq-p " ("Dctv^am"4223c."d+." P^atqfp|jq"rctmw"Rqf{|"Tq|mq-p " gv"cn⁰4227+c" Mmq^a pumc"*Pgtwfx^a / Jqtu^amqx^a4228+0

\g" |mqw ocp²qdcuvk"gzkuwvl"rwdnkmqxcp²Afclg"rqw|g"q"x um{vw"fxqw"ftwj " gngfk"Uekq/ o{|kfcg"x"rt^aek"Ocvkpmc"*3;96<"*Pherbellia steyskali*Tq|mq-p " (" \wumc."3;87/c"*Trypetoptera punctulata*"*Ueqrqnk."3985+0" Mq o rnzp" |x |mw o "qdqw" gngf" d{n"x"Lk|gtum ej"jqt^aej" c"pc" Ht fncpvumw"rtqx^af p"x"ngvgej"4224642290"Rqftqdp l-|x{|o g|gp" c"ejctcmvgtkuvkmc"ungfqc/ p²jq"À|g o" |xk|"*Xqpk mc" ("Xk- ^am"422:40

OGVQFKMC" C"OCVGTKfN

Rqwlk²ogvqf{"ud tw^awxfgp²|mtcvm{"luqw"rqwflk{"x"r gjngfw"ftwj <DV 6'dggt{"vtrcu"*rxpp"rcuvk+."EHV' 6'eq o dlpf" Hki j'vtrcu'6'vmtgm'vtrcu'p^atc|qx²rcuvk+."GV'6 g ogti gpeg'vtrcu'*g ogti gppv"rcuvk+."OV'6' Ocnclug' vtrcu'*Ocnclug'j'rcuvk+."RV'6 r tqvqk'vtrcu'6'ogcv'vtrcu'*rtqvkpqx²."o cuqx²rcuvk+." [RV'6' gmqy"rcp'vtrcu'*flnw² o kum{+.x-g"l/Rtgkngt" ("R'Xqpk mc'n i v:U'Y'6'uyggkpi'u o m^ap" |xg i gcvge'u" |f+."l/Rtgkngt'hi v"Rqftqdp |v{|q' o gvqf" rqrkwlw"Xqpk mc"*422:40"Rtq'xg-mgt " o cvgtk'n rncv'<l/R'rtgkngt" ("T'0" Tq|mq-p "fgw. |tgu r' T'0" Tq|mq-p "tgxl."eqm" l/R'rtgkngt'c'Ugxgtq gum² o w |gw o"x"Nkdtekl"

R gjngf"nqmcnv

-fclg"m"nqmcnv^a o "luqw"wxfgp {"x"p^aungfw|f"e"o"rq cf" f" |uq" c"p^a |gx"nqmcnv {"*qdge." ^auv"qdeg."ejt^ap p²À|g/ o".xtejqn'crqf0+.hcwkvkem "o crqx " vxgtge"*Rtwpgt" ("O'mc 3; ;8+."pcf o q um^a -mc."dkvqr0" P mvg²"nqmcnv {" luqw"tq |f ngp {"pc'x'feg"dkvqr .mvg²"luqw"q|pc gp {"rfu o gp {"0"Rqwlk²|mtcvm{<"PRT'6'p^atqfp"r "ftqfp"tg |gtxceg." RT'6'r "ftqfp"tg |gtxceg."RR'6'r "ftqfp"rc o"vml

[1] **Bílý Potok**.7379<[1a]t{dpf m{"uxl"qf"flgnl"uvcpkqg"*rtc o gpk-v ."o qm cf+.672"o=[1b]o qm cf"cxnjm²nqwm{"pcf" mqwrcnk-v o"lklp "qf"qdeg."632"o=[1c]A'fqn" gtp²j'q'rqvqm"l|0"qf"qdeg"*ngu+.642"o|[2] **Bukovec PR**.737<[2a] ngup"rtc o gpk-v "pc"lxl"uxc'jw.";42"o=[2b]Rtcnqwmc"*jqtum"nqwmc."rtc o gpk-v +.;22"o|[3] **Bulovka**.7278."522"o." ngup"t{dpf m{"eec'4'm o'ugxgtp "qf"qdeg" r k'uv"vp"j tepkkl|[4] **Hqlygem** "o qm cf"RR."7378."592"o*"o qm cf."rqvqm+|[5] **Fojtka***qdge"Opf-gm+."7378."652"o."rqvqm"Hqlvmc"*o qm cf+|[6] **Frýdlant**.7278."542"o."d gj {"U o f² |[7] **Hejnice**.7379."5:2/622"o."ugxgtp"Àrcv"Q g-p'mw*ngu."rqvqm.t{dpf m{+|[8] **Jqtp**" gtp^aUvwfplqg*qdge"pQx^a Xgu'pcf" Pkuqw+.7479."972"o.*xnm²nqwm{."o qm cf."qn-kpc+|[9] **Horní Pertoltice** *qdge"Rgtvqkvqg+."7278."522"o." TMnm x't{dpf m"o qm cf."rqvqm+|[10] **Horní Polubný***qdge"mQ gpqx+.747:."922"o."o qm cf {"c"nqwm {"lxl"qf"qucf{| |[11] **Lgfux** "f nRT."7479."892"o."d gj "rqvqm"lgfnq^a*ngu+|[12] **Jizerka***qdge"mQ gpqx+.737:."52'/92"o."d gj {" f m{"Lk|gtm {"nqwm {"x'qucf 0|[13] **Mq gpqx**.747:."8:2"o."rqvqm"o qm kp {"rqf"flgnl"uvcpkqg|[14] **Krásná Studánka** *qdge"Nkdtge+.7378."5:2"o*"o qm cf {"nqwm {"+[15] **M flqx** "xtej"RT."7278."542/572"o*"ngu."o qm cf+|[16] **Kunratice**."7278."4:2"o."o qm cf."rcuvkpc|[17] **Liberec-Vesec**."7478."582"o."Àfqm"Xgugem²j'q'rqvqm"*o qm cf+|[18] **Nw cp** | **nad Nisou**."7479<[18a]xnm²nqwm {"w"nqwrck-v "ugxgtp "qf"qdeg."862"o=[18b]J qtp"NW cp {"t{dpf m" f'u^am"nqwmc." o qm cf+.892"o|[19] **Malá Strana PR**."7479."922/942"o*"nqwm{."o qm cf {"t{dpf m"rqvqm+|[20] **Ogepft** {"U o f² **PR**."7278<[20a]t{dpf gm"uxl"qf"n{|dpf"mw" Fwd'm."442"o*"o qm cf."rqf o^a gp^aqn-kpc+|[20b]t{dpf m" Fwd'm."442"o|[21] **Minkovice***qdge"Xk- qx^a."7278."472"o*"rqvqm."o qm cf+|[22] **Mníšek**."7378."5:2"o."nqwm {"x'qdek"rqf²n"flgnl" vtcw|[23] **Na Kobyle***lklp "qf"qucf {"Lk|gtmc."qdge"mQ gpqx+.737:/747:."22"o."Mqd{n"rqvqm"u o t kpc+|[24] **Qnf k-**

chov v Hájích."7378."622" o."nqwm{"x"qmqm"qdeg0"}J47_ Qnf kej qxum² ugfnq."7378."722" o."Xlpx pª"eguvc*dw kpc+0 [26] Qx f jqtce* xtejqn. x ejqfp "qf"qucf{"Cpf numª" Jqtc.Lg-v fum "j dgvt."7377."682" o0 [27] Plavy."7479."622" o." Áfqm"Rtqtwdum² j q"rqvqmc*t {dpf gm."ngupf"rqvqm+0 [28] Poledník *xtejqn."PRT"Lk|gtumqjqtum² dw kp{+. "7378." :72" o" *dw kpc+0 [29] Raspenava."7378.< [29a] t {dpfm" J cmgp" c"rqvqm™vqrkej."572" o* o qm cf."rcuxkp{+=[29b]" J qnwdf"rqvqm" rqi"flgn|pk pfl"vtcf."542" o" *o qm cf."qn-kpc+0 [30] Rejdice *qdge" Mq gpqx+."747:."872" o."rqvqm" Lg-mtdcge* o qm cf+0 [31] Umngpc keg* qdge" X{uqm² pcf" Lk|gtqw+."747:."772/782" o* o qm cf."rqvqm+0 [32] Smrk *o cukx" jqt{+. "7379.< [32a] Mng qxl-v. "3"272" o" *u o tmqxª" o nc|kpc"pc"l|0"uxc jw+=[32b]" Nkdxtgfum " o quv."922" o." d gj" \ vtcegp² j q"rqvqmc*ngupf" rtc o gpk-v +0 [33] Dqne x" t {dpfm" kflp " qf" Tcургрсх{+."7378."572" o." J qnwdf"rqvqm* o qm cf."qn-kpc+0 [34] M rk "am" *xtejqn."PRT"Lk|gtumqjqtum² dw kp{+."7378."822" o *dw kpc."rqvqm+0]57_ "Vkejª" f mc"RR."7479."972" o *xnjm² nqwm{." tc-gnkp-k-v +0 [36] U Kyselky *kflp "qf" Pqx² j q" O uvc" rqi" U o tmg o+."7479."822" o." Áfqm" \ vtcegp² j q"rqvqmc* o qm cf." ngu."rqvqm+0 [37] Vratislavice nad Nisou *qdge" Nkdgtge+."7478."592" o." qmqm" ctgªnw" \ ftcxqvpf j q" Áuvexw0 [38] Zlatá Olešnice."747:.< [38a] Ftc f"rqvqm" r gª" Áuvf" o" fq" \ ncvpfmw."682" o *o qm kp{+=[38b] o qm cf w" |g o f num² hct o {"lxd" qf" qdeg."722" o=[38c]ª "ªv" Pª xctqxumª."822" o *nw pfl" rtc o gpk-v +0

X UNGFM ["C" FKUMWUG

R gjngf" |lk-v p ej"ftwj

Rqwfkv²" |mtcvm{< B!" ó" pqx "ftwj" rtq" gej {0" U" ó" mcygiqtkg" |" gtxgp² j q" ug|pc o w" qjtqflgp ej" ftwj " dg|qdtcvn ej" T" *Tq|mq-p "4227+< "CR" ó" mtkvem{"qjtqflgp "ftwj." EN" ó" qjtqflgp "ftwj"0"

Phaemyiidae

Pelidnoptera fuscipennis *Ogki gp."3:52+

Gxtqrum "ftwj."mvgt "lg"|pª o "qf"lklpfl"Umcpf kpa xkg" c"ugxgtq|ª rcfp|j q"Twumc"rq"™rcp numq." Kvªnkk."Dqupw" c" Jgtegiqxkpw" c" Wmtclkw0" Pgx|ªep "ftwj"pc"uvkpp ej" o flvgej" w" rtc o gp " c"pc" o qm cfgej0

Bílý Potok [1a]<380XK0/70XKK04227."3" .3" *OV+."3" * [RV+0]Qnf kej qxum² ugfnq [25]<"3; 0XK0/50XKK04225."3" " * [RV+ª"50/370XKK04225."4" ** [RV+0]Plavy [27]<"450XK04228."3" *U Y+0]Smrk [32b]<"420XK0/350XKK04228."3" " * [RV+ª"350XKK0/50XKK04228."3" .3" * [RV+0]Dqne x" t {dpfm [33]<"520KX0/4: 0XK04224."3" *OV+0]™rkª m"J56.< 4: 0XK04227."6" *U Y+0

*Pelidnoptera leptiformis**Uej kpgt."3:86+

\ª rcfq" c"uv gfqxtqrum "mqpvkpgpvªnpfl"ftwj."mvgt "lg" tq| -fl gp" qf" J qncp fumc" c" Dgnikg" rq"ugxgtqfl"Kvªnkk" c"Unqxpumq0"fiklg" xg"xnjm ej"ngu fl ej."ur fl -g"lgnqmªnp 0

M flq x "xtej"RT [15]<"520KX04226."3" *U Y+0

Sciomyzidae

Anticheta analis *Ogki gp."3:52+

Gxtqrum "ftwj."mvgt "d{ª"|lk-v p"qf"Ncrqumc"rq"Htcekk" c" \ cmcxm|fl0 R k" d g|fl ej" o gp -fl ej" ngup fl ej" c"nw p fl ej" v p m."nctx{"xg"xc|fl mª ej"xqf fl ej" rnf 0

Malá Strana PR [19]<380X04225."3" *U Y+0]Ogcpft{"U o f²"RT [20a]<"4; 0XKK0/3; 0XKK04227."3" *OV+0

*Anticheta atriseta**Ngqy."3:6; +

U<"CR

Gwtqcuklum "ftwj"|pª o "qf"Umcpf kpa xkg"rq" Cnr{"c"pc" x ejqf "cfl"rq" C owtumqw" qdncv"Twumc0" \ " gej"d{n"vgpvq"ftwj"|cv fl o"|pª o"lgp"| "mqm fl" Fwejeqxc *Dctvªm" ("Tq|mq-p "3; ; ; =Tq|mq-/ p " ("Dctvªm"4223c."d+0]Pª ng|"x" Lk|gtum ej" jqtª ej"lg"vcm"rqvxt|gp fl o" x um{vw"ftwjw" x" gum²" tgrwdnkeg0" X|ªep "ftwj" x {um{vw fl fl ej"ug" xg"xnjm ej"ngu fl ej}0

Lgfnqx "fª"RT [11]<"80/4: 0XKK04227."3" *OV+0

*Anticheta brevipennis** \ gvgvtuvfv."3 : 68+" U<EN
Gwtqcuklum "ftwj" |lk-v p "qf"ktumc" c"Umcpfkp^axkg"rq"Htcpekk" c"Dwnjctumq."pc"x ejqf "ucj^a"
lgjq"ctg^an"cfi"m"vkejq oq um²ow"rqd gff"0 X" gej^aej" |lk-v p"vgrtxgpgf^axp^qw" Fwejeqxc* "Dctv^am"
("Tq|mq-p "3 ; ; = "Tq|mq-p " ("Dctv^am"4223c."d+.x|^aep "pc"o qm cfgej0
Ogcpft{Uo f²RT"142c_<530X0/440XK04227."3" * [RV+0"TMqne x"t{dpfm [33]<520KX0/4:0XK04224."3" *OV+0

*Coremacera marginata**Hcdtkewu."3997+
Gxtqrum "ftwj" |flk|e"qf"uv gfp"Umcpfkp^axkg"rq"TMrcp numq." gemq" c"Vwtgemq. Rqf²n"ngup"ej"
qmtcl .p mf { "cfi"pc"zgtqvt o p"fej"uvcpxk-v"fej."nctx { "x"uwejq |goum ej "rnfl"ej0
Qx "jqtcc"148.<30KZ04227."3" *UY+0

*Elgiva cucularia**Nkppcgwu."3989+
Rngctmvkem "ftwj" |p^a o "qf"pqtumc"rq"ugxgtp"Chtkmw"x gvp "Octqmc."pc"x ejqf " |lk-v p"k"pc"
Ukdk k0"R k"qmtcl"kv p m" c"fcn-|ej" o gp-|ej"uvqlcv ej"xqf."nctx { "pcrcfcl"ftcx "xqfp"rnflg0
M flqax "xtej"RT"137_<520KX04226."3" *UY+0" **Ogcpft**{Uo f²RT [20b]<30X04227."3" *UY+0

*Elgiva sollicita**Jcttku."39:2+
Jngctmvkem "ftwj"0"X"rngctmvkem²qdnucvk" |p^a o "qf"Ncrqpumc"rq"Octqmq" c" gemq."pc"x ejqf"
cfi"rq"x ejqfp"Ukdk 0 Fquvk"jqlp "ftwj"pc"dcflkp^aej" c"r k"qmtcl"fej"uvqlcv ej"xqf."nctx { "pcrcfcl"
ftcx "xqfp"rnflg0
Ogcpft{Uo f²RT [20a]<440XK0/70XK04227."3" *OV+=[20b]<30X04227."3" *UY+0

Euthycera chaerophylli *Hcdtkewu."39; :+
Gxtqrum "ftwj." |lk-v p "qf"uv gfp"Umcpfkp^axkg"rq"TMrcp numq."Kv^ankk." gemq."Wmtclkw" c"Vwtge/
mq0"R k'd g |"fej"rqvqm "c"pc"qmtcl"fej"ngu ."nctx { "pcrcfcl"rnflg" c"unk o^a m 0
Jizerka [12]:<0XKKK04225."5" *UY+0" **Na Kobyle [23]**<480XK0/480XKKK04228."4" *DV+0" **Plavy [27]**<450XK04228."
3" *UY+0

*Euthycera fumigata**Ueqrqnk."3985+
Gxtqrum "ftwj" |p^a o "qf"lkfip"jq"TMx²fumc"rq"TMrcp numq."Kv^ankk" c" gemq0 Pc"dcflkp^aej."rqf²n"
rqvqm "c"xcg"xnjm ej"ngu"fej0" Dkqnqikg"pgp" |p^a o^a 0
Fojtka [5]<90XKK04226."3" *UY+0" **Rejdice [30]**<70/4:0XK04227."3" *GV+0" **Vratislavice nad Nisou [37]**<60XKK04227."
4" .4" *UY+0"470XKKK04228."3" *UY+0

*Hydromya dorsalis**Hcdtkewu."3997+
Rngctmvkem "ftwj." |mvgt "lg"tq | -"gp"rq"egn²qdnucvk"qf"Ncrqpumc"rq"ugxgtp"Chtkmw" c"pc"x ejqf "
cfi"rq"Lcrqpumq0" W"rtc o gpk- . "pc"o qm kp^aej" c"xcg"xnjm ej"ngu"fej."nctx { "pcrcfcl" "xqfp"rnflg"
r k'd g |"fej" o gp-|ej"uvqlcv ej"xqf0
Bílý Potok [1b]<530X04226."3" *UY+0" **Jizerka [12]**:<0XKKK04225."3" *UY+0" **Ogcpft**{Uo f²RT [20a]<530X0/440
XK04227."3" * [RV+0" **Mníšek [22]**<460X04225."3" *UY+0" **Qif kejqx"J^a [24]**<460X04225."
3" *UY+0

Limnia paludicola"Gndgti."3:87
Gwtqcuklum "ftwj" |tq | -"gp"qf"ktumc" c"uv gfp"Umcpfkp^axkg"rq"Htcpekk" c"Kv^ankk."pc"x ejqf" r gu"
Vwtgemq" c"qmql" Dclmcnw" cfi"rq"Lcmwvumq0 Fquvk" jqlp "ftwj"pc"xnjm ej"uvcpxk-v"fej." cuvq"
urqng p "u"ftwjg o "p^aungfwl"e"o 0" Nctx { "ug"x { x"gl"l"x"lcpvctm^aej0
Bílý Potok [1a]<4:0XK0/3:0XKKK04227."3" *OV+0" **Horní Peroltice [9]**<30XK04227."4" *UY+0" **Horní Polubný**
[10]<3:0XK04228."3" .3" *UY+0" **Kunratice [16]**<440XK04228."3" *UY+0" **Malá Strana PR [19]**<480XK04225."5" "
*UY+0" **Ogcpft**{Uo f²RT [20a]<3:0/530X04227."3" * [RV+=530X0/440XK04227."6" * [RV+=440XK0/70XKK04227."

3" *OV+=4;0XKK0/3;0XKKK04227."3" *OV+."3" * [RV+=3;0XKKK0/60KZ04227."3" *OV+."3" * [RV+=60/4;0KZ04227."4" * [RV+0]"Minkovice [21]"<440XK04228."8" .5" *UY+0"Rejdice [30]"<380XK0/70XKK04227."4" * [RV+=4;0XKK0/380XKK04227."4" * [RV+0]"qne x"t{dpfm [33]"<4;0XK0/360XKK04224."3" *OV+0"

Limnia unguicornis *Ueqrqnk."3985+

Gwtqukd um "ftwj"tq|-| gp "qf" Ncrqumc"rq"™rcp numq."Kv^ankk" c"Vwtgemq."pc" x ejqf" cfl" rq" x ejqf" Ukd k 0" Pc"xnjm ej"nqwm^aej" c"dcflkpa"ej."nctx{"fkl|" x" j | itqLnp|ej" rnf|ej."cng" k"x"uwejq|goum ej."x gvp "unk o^am 0

Hqlvgem "o qm cf"RR [4]"<3;0XK04225."3" *UY+0"Ogcpft{"U o f²"RT [20a]"<70/4;0XKK04227."3" *OV+0"Qnf k-chov v Hájích [24]"<460XK04225."3" *UY+;"90XKK04226."4" *UY+0"Raspnava [29a]"<530XK04226."5" *UY+0"Vratislavice nad Nisou [37]"<360XKK04227."3" *UY+0

Pherbellia albocostata *Hcm²p."3:42+

Jqncmvmkem "ftwj."mvgt "lg"x"rcngctmvmkem²"qdcuvk"tq|-| gp"qf"Ktunc."Umqvumc" c" Ncrqumc"rq" Htcpekk." gemq" c" Mt{ o."pc" x ejqf" rcm" cfl" m" vkejq o q um² o w" r q d gfl" Twumc 0 V { r k e m { " n g u p | e j 0

Bílý Potok [1a]"<3;0X0/50XK04227."3" * [RV+=380XK0/70XKK04227."3" *OV+0" Bukovec PR [2a]"<3;0XK04227."5" .3" *UY+;"[2b]"<490XK04226."3" .4" *UY+0" Horní Peroltice [9]"<30XK04227."3" *UY+0" M flq x "xtej" RT [15]"<530XK04226."7" .3" *UY+0" Liberec-Vesec [17]"<90XKK04226."3" .4" *UY+0" Nw cp { nad Nisou [18a]"<390XK04225."3" *UY+0" Ogcpft {"U o f²" RT [20a]"<440XK0/70XKK04227."3" *OV+=4;0XKK0/3;0XKKK04227."4" *OV+=3;0XKKK0/60KZ04227."3" *OV+0" Rejdice [30]"<50XK04226."3" *UY+;"380XK0/70XKK04227."3" * [RV+=4;0XKK0/380XKK04227."3" * [RV+0" Smrk [32b]"<40/420XK04228."3" * [RV+=420XK04228."3" *UY+;"420XK0/350XKK04228."3" * [RV+0" Zlatá Olešnice [38a]"<50XK04226."3" *UY+0

Pherbellia annulipes * \ gwgtuvgf v ."3:68+

Gxtqrum "ftwj" | p^a o "qf" Cp ink g" c" kflp" Umcpf k p^a x k g" r q"™rcp numq."Mqtukmw."Kv^ankk" c" Dqupw" c" Jgtegiqxkpw 0" Pc"xnjm ej"nqwm^aej" c" x" dw kp^aej."nctx{"ug"x{x|gl|" x"uwejq|goum ej" rnf|ej 0

Bílý Potok [1a]"<70/4;0XKK04227."3" *OV+0" Qnf kej q x u m² u g f n q [25]"<370XKK04225."3" *UY+0" Rejdice [30]"<380XK0/70XKK04227."3" * [RV+0" Smrk [32b]"<420XK04228."3" *UY+0" Vratislavice nad Nisou [37]"<460XK04226."3" * [RV+=3;0XKK04226."3" .3" * [RV+0

Pherbellia brunnipes *Ogki gp."3:5:+

Gwtqucklum "ftwj"tq|-| gp "qf"ugxgtp"Umcpf k p^a x k g" c" r q n q q u v t q x c" M q n c" r q" u g x g t p" K v^a n k k" c" q m q n" M l g x c. " x" C u k k" r" g u" U k d k" c" O q p i q n u m q" c f l" r q" C o w t u m q w" q d n c u v" T w u m c 0" P c" x n j m e j" n q w m^a e j" c" o q m c f g e j" r q f² n" r q v q m . " n c t x { " u g" x { x | g l | " x" u w e j q | g o u m e j" r n f | e j 0

Bílý Potok [1b]"<530XK04226."6" .3" *UY+0" Hqlvgem "o qm cf"RR [6]"<3;0XK04225."3" *UY+0" Ogcpft {"U o f²" PR [20a]"<60/3;0X04227."3" *OV+0

Pherbellia cinerella *Hcm²p."3:42+

Rcngctmvmkem "ftwj."mvgt "rtqpkm^a"k"fq"qtkgpv^anp"qdcuvk 0" X { u m { v w l g" u g" q f" N c r q u m c" r q" u g x g t p" C h t k m w" c" \ c m x m c | | . " f^a n g" r" g u" V w t g e m q. " M { r t. " k | t e g n. " N k d c p q p. " U t k k. " K t a m. " C h i j a" p k u v^a p" c f l" r q" U v" g f p" C u k k 0" F t w j" f l k l g" p c" x n j m e j" n q w m^a e j. " c n g" r t q p k m^a k" p c" u w — | c f l" x" u n w p p^a u v c p q x k — v . " n c t x { " u g" x { x | g l | " x" u w e j q | g o u m e j" r n f | e j 0

Qnf kej qx" x" J^a | e j" J46_<460XK04225."4" .3" *UY+0" Vratislavice nad Nisou [37]"<60XKK04227."3" *UY+0

Pherbellia dorsata * \ gwgtuvgf v ."3:68+

Gwtqukd um "ftwj"tq|-| gp "qf" kflp" Cp ink g" c" u v" g f p" j q"™x² f u m c" r q"™rcp numq."Uctf k p k k" c" V w t g e m q" c f l" r q" k | t e g n. " M c | c e j u v^a p" c | a r c f p" U k d k 0" X g" x n j m e j" n g u | e j" c" r q f² n" r q v q m . " n c t x { " p e r c f c l" r n f l g" r" k' d g | e j" o q m c f 0

Qx " j q t c" J48_<30KZ04227."3" *UY+0

Pherbellia dubia *Hcm²p."3:42+

Gwtqcuklum "ftwj"tq|~|gp "qf"Ncrqumc" c"Htcepkg"rq"Kv^ank" c"lklp" Tw o wpumq."x"Cukk" r gu
Mc|cejuv^ap^cUkdk "cfl"rq"Mc o cvmw."Mwtknm²quvtqx{"c"lcrqumq0 Xg^uvkpp ej "ngu"fej" c"pc" oqm/
cfgej."nctx{"x"uwejq|goum ej" rnlfej0

Bukovec PR [2a]<3:0XK04227."3" *U Y +0" **Hejnice [7]**<40XK04227."3" *U Y +0" **Mq gpqx**[35]_<3:0XK04228."4" "
*U Y +0" **M flqx "xtej"RT [15]**<530X04226."6" .3" *U Y +0" **Ogepft**{**U o f²RT [20a]**<440XK0/70XK04227."3" .
3" *O V +=**[20b]**<0XK04228."3" .3" *U Y +0" **Rejdice [30]**<50XK04226."3" *U Y +=**[380XK0/70XK04227."3" .3" "**
* [RV+."3" *GV +=**[4:0XK0/380XK04227."3" * [RV+0" **Smrk [32b]**<420XK04228."3" *U Y +0" **Vkej**"" | **mc"RR [35]**<
40/470XK04226."3" *O V +0**

Pherbellia griseola *Hcm²p."3:42+

Jqncmvmkem "ftwj"|p^a o "x"rcngctmvmkem²qdcuvk"qf"Ncrqumc"rq"Octqmqc"Vwpku" c"pc" x ejqf "rcm"
cfl"m"vkej q o q um² o w"rqd gfl"Twumc0" P c" o qm cfgej."nctx{"ug"x{"x|glq|"x" rnlfej" r k'd g |fej" xqf0

Bílý Potok [1b]<530X04226."3" *U Y +0" **Ogepft**{**U o f²RT [20b]**<0XK04228."3" *U Y +0

Pherbellia pallidiventris *Hcm²p."3:42+

Gxtqrum "ftwj"tq|~|gp "qf"Ktunc."Umqvumc" c"Ncrqumc"rqTMrcp numq."Uke^{fl}nk" c"Mt { o0 P c"ngup"fej"
rtc o gpk-v"fej" c" o qm cfgej."nctx{"flkl"lcmq" rctc|kvqkfk"uwejq|goum ej" rnl 0

Bílý Potok [1a]<4:0XK0/3:0XK04227."3" * [RV+0

Pherbellia schoenherri *Hcm²p."3:48+

Jqncmvmkem "ftwj"0" X"rcngctmvmkem²qdcuvk"qf"Umqvumc" c"ugxgtp" Umcpfka^axkg"rqTMrcp numq"
c"Wmtclkw."pc" x ejqf "r gu"Uv gfp" Cukk."Ukdk" c"Oqpiqnumq" cfl"m"RcekLmw0 W"rgtkqkcm ej"
v p^{fl}."pc" o qm cfgej" c"rqdnfl"t{dp^{fl}m} .nctx{"qdx{mng"x"lcpvctm^aej0

Bílý Potok [1b]<530X04226."4" .3" *U Y +0" **Hqlvgem "o qm cf"RR [4]**<3:0XK04225."3" *U Y +0" **Krásná Studánka [14]**<3:0XK04225."3" *U Y +0" **M flqx "xtej"RT [15]**<520X04226."3" .7" *U Y +0" **Nw cp**{**pc"fl"Pluqw [18a]**<
390XK04225."3" *U Y +0" **Ogepft**{**U o f²RT [20a]**<3:0/530X04227."3" *O V +=**[70/4:0XK04227."3" *O V +=**[**20b]**<
30X04227."4" *U Y +=,0XK04228."3" *U Y +0" **qne x"t{dp^{fl}m [33]**<520X0/4:0XK04224."3" *O V +0

Pherbellia silana Tlxqugejk."3: ; ; ; "

U<"EN

Pgjqlp "ftwj"mvgt "lg"|c^{fl}o"|p^a o "lgp"|Htcepkg."Kv^ank." gum²"tgrwdnk{c"Unqxpumc0"} " T"
d{n"ftwj"q|p^a o gp" Tqj^a mg o" *3; ; 7+|"Oqtex{"|"} gej" cfl" Tq|mq-p o" g^{yn}cn0" *4223+*Mtcug^{fl}p."
qmtgu" gum "Mtwonqx."L0" O^aec"ni v0+0" P^angl{"|"Lk|gtum ej" jqt"luqw"vcn"rqvxt|gp^{fl}o" x um{vw"
x" gej^aej0" W"t{dp^{fl}m} "c"x" dwmqx ej" ngu"fej."x xql"pgp^{fl}|p^a o 0

Ogepft{**U o f²RT [20b]**<30X04227."3" *U Y +0" **rk^am**]56_<460KZ04228."3" *U Y +0

Pherbellia sordida *J gpfgn."3:24+""

B!

Gxtqrum "ftwj"|p^a o "qf"Umcpfka^axkg" c"Ctejcpi gnum²qdcuvk" x" Twumw"rq" Htcepkk."Kv^ank"
c"Wmtclkw0" Ftwj "p^angl" x" gum²"tgrwdnkeg" c"pqx "ftwj"rtq" gej{0" Fquwf" d{n"|p^a o" rqw|g"
lgfgp"mwu"} "qmql"Uxkpxc"pc"Oqtex *Tq|mq-p "3;87+0" W"t{dp^{fl}m} "c"pc"ngup"fej" o qm cfgej."
nctx{"rtcxf"rqfqdp "x"uwejq|goum ej" rnlfej0

U Kyselky [36]<330X0/40XK04228."3" *O V +0

Pherbellia steyskali Tq|mq-p " (" \wumc."3:87

Nkvt^atp^{fl}Àfcgl< gtp^aUwvfkpg*Ocvkpgm"3:96+0

X um{v"ftwj"lg"| glo "qog|gp"pc"uv gfp" Gxtqrw0" Rqru^ap" d{n"| "Mtmqpq- c"mtq o " gum²"
tgrwdnk{ "lg"fqwf"|lk-v p"x" P o gemw."Rqnumw."TMx ectumw."Unqxpumw" c"ugxgtp"Kv^ank0 Rqf²n"
d gj "t{dp^{fl}m} "c"rqqm ."ur^{fl}-g"x"jqtum ej"qdcuvgej0" X xql"pgp^{fl}|p^a o 0

Bílý Potok [1a]<4;0XKK0/3;0XKK04227."4" *OV+=[1c]<40XK04227."3" .3" *UY+0Lgfnqx "f n"RT [11]<80/4:0XKK04227."3" * [RV+0]Plavy [27]<450XK04228."3" *UY+0Poledník [28]<40/470XK04226."3" *EHV+0

Pherbellia ventralis *Hcm²p."3:42+

Gxtqrum "ftwj|lk-v p "qf"ktumc"uv gfp"Umcpfka xkg"rq"r^mrcp numq." gemq"Vwtgemq0 Rqf²n" d gj "rqvqm "c"pc"oqm cfgej.nctx{"x"rnfl"ej"wxqf0

Bílý Potok [1a]<70/4;0XKK04227."3" *OV+0Bukovec PR [2a]<3:0XK04227."3" *UY+=[2b]<90XK04226."3" *UY+0Hejnice [7]<40XK04227."3" *UY+0Lgfnqx "f n"RT [11]<520X0/380XK04227."3" * [RV+0]Jizerka [12]<:0XKK04225."4" .3" *UY+0Mq gpqx [13]<3:0XK04227."3" *UY+0Qx "jqt"48<30KZ04227."3" *UY+0Vkej "f mc"RR [35]<70X04225."3" *UY+=[40/470XK04226."3" *OV+0

Pherbina coryleti"*Ueqrqnk."3985+

Tq|-fl gp "rcngctmvkem "ftwj."mvgt "ug"x{um{vwlq"qf"Ncrqumc"rq"ugxgtp"Chtkmw."pc"x ejqf " cfl"rq"x ejqfp"Ukdk 0 Xg"xnjm ej"qn-kp^aej"c"pc"oqm cfgej."nctx{"pcrcfcl"qxqfp"rnflg"r k" d g|fl"ej0

Ogcpft{Uo f² PR [20a]<440XK0/70XKK04227."3" *OV+0

Pherbina intermedia"Xgtdmg."3;6:

Gwtqcuklum "ftwj"tq|-fl gp "qf"lkfp"Umcpfka xkg"rq"r^mrcp numq"Uke"nkk."pc"x ejqf "r gu" Oqpiqnumq" "cpw"rq"Lcrqumq0Rqf²n"d gj "rqvqm "c"t{dp"m .nctx{"pcrcfcl"qxqfp"rnflg0

Raspenava [29a]<530X04226."3" *UY+0

Psacadina verbekii"Tq|mq-p ."3;97

\^arcfqrngctmvkem "ftwj"tq|-fl gp "qf"uv gfp"jq"m²x²fumc"r"qdcvum ej"tgrwdnm"rq"Octqmq" c"Vwpkumq."pc"x ejqf "rcm"rq"t^ap0 Pc"dcflk^aej"c"x^anjm ej"nqwm^aej."nctx{"x"j{itqLnp"ej" c"xqfpl"ej"rnfl"ej0

Ogcpft{Uo f²RT [20a]<3;0/530X04227."3" *OV+=[440XK0/70XKK04227."4" *OV+=[20b]<30X04227."3" .4" *UY+0

Psacadina zernyi"*Oc{gt."3;75+

Gwtqcuklum "ftwj"tq|-fl gp "qf"Ncrqumc"rq"lkfp"htcpekk."Kv^ankk." gemq"Uv gfp"Ukdk0Rqf²n"d g/ j "t{dp"m "pc"x^anjm ej"nqwm^aej"c"x"rqfo^a gp ej"qn-kp^aej."nctx{"xg"xnjmq0knp ej"rnfl"ej0

Ogcpft{Uo f²RT [20a]<60/3;0X04227."3" .3" * [RV+=[3;0/530X04227."8" .3" * [RV+=[530X0/440XK04227."3" * [RV+=[70/4;0XKK04227."3" *OV+=[20b]<30X04227."3" *UY+0

Pteromicra angustipennis"*Uvcgi gt."3:67+

Jqngctmvkem "ftwj."x"rcngctmvkem²qdnucvk|p^ao "qf"ktumc."Umquvc"c"Ncrqumc"rq"htcpekk" c"Oc ctumq."pc"x ejqf "cfl"rq"Mc o cvmw"c"mwtkm²quvtqx{0" Pc"oqm cfgej" w"t{dp"m " c"rqvqm .nctx{"pcrcfcl"ogp-fl"qxqfp"rnflg0

Ogcpft{Uo f²RT [42c]<3;0/530X04227."3" * [RV+=[530X0/440XK04227."3" .3" * [RV+=[3;0XKK0/60KZ04227."4" .5" *OV+0Rejdice [30]<380XK0/70XKK04227."5" * [RV+=[380XKK0/30KZ04227."5" * [RV+0

Renocera pallida"*Hcm²p."3:42+

Gwtqcuklum "ftwj"tq|-fl gp "qf"ktumc."Umquvc"c"Ncrqumc"rq"r^mrcp numq."htcpek."Kv^ankk"c"Tw owp/ umq."pc"x ejqf "rq"x ejqfp"Ukdk 0 Pc"oqm cfgej"x-gej"v{r ."jqlp lk"x"rqfj "c"jq^aej0 Nctx{"pcrcfcl"ftqdp²qmtwflcpm{"x"v p"ej"c"pc"oqm kp^aej0

Bílý Potok [1a]<50/3;0X04227."3" * [RV+=[1b]<530X04226."3" *UY+0Bukovec PR [2b]<530X04225."3" *UY+=[90XK04226."33" .3" *UY+=[490XK04226."7" .4" *UY+0Hejnice [7]<40XK04227."3" *UY+=[Lgfnqx "f n"RT

[11]<380XK0/80XKK04227."3" *OV+0"Jizerka [12]<430XK04228."3" *UY+0"Mq gpqx [13]<3;0XK04228."3" *UY+0"Liberec-Vesec [17]<90XKK04226."3" *UY+380XKK04226."3" *UY+0"Malá Strana PR [19]<380X04225."3" .4" *UY+380/4;0X04225."3" * [RV+3;0XK04226."4" *UY+0"Ogcpft{"Uo f²RT [20a]<60/3;0X04227."3" *OV+."8" * [RV+3;0/530X04227."3" .5" *OV+3;0XKK0/60KZ04227."3" * [RV+0"Mníšek [22]<490X04226."3" *UY+0"Qnf kej qx" x" J^alfej [24]<460X04225."3" *UY+0"Rejdice [30]<50XK04226."3" *UY+470X04227."4" *UY+0"Umngpc leg [31]<0KZ04226."3" *UY+0"Vlej^a" f mc"RR [35]<80X0/40XK04226."3" *OV+."3" * [RV+40/470XK04226."5" .5" *OV+470XK0/360XKK04226."5" .3" *OV+."4" .5" * [RV+360/4;0XKK04226."3" * [RV+0"Zlatá Olešnice [38c]<50XK04226."3" *UY+0

Renocera striata *Ogki gp."3:52+

Jqncmvmkem "ftwj0"X"rcngctmvmkem²qđncuvk"lg"lp^ao "qf"Ktunc."Umqvumc" c"Ncrqpumc"cf"rq"Htcpekk" c" Tcmqwumq."pc"x ejqf "lgjq"ctg^an"fqucjwlg"twum²jq" F^anp²jq"x ejqfw0 Pc"xnjm ej" hqwm^aej." oqm cfgej "c"r k'd gl"fej"v p⁰X xql"pgp⁰"lp^ao 0"

Malá Strana PR [19]<380X04225."3" *UY+70/420XKK04225."3" *OV+."0XK04226."3" *UY+0"Vlej^a" f mc"RR [35]<80X0/40XK04226."3" * [RV+470XK0/360XKK04226."3" * [RV+0

Renocera stroblii J gpf gn."3:22

Gwtqacuklum "ftwj"tq| -f gp "qf"Umqvumc" c"Ncrqpumc" rq"Htcpekk" c"Kv^ankk."x" Cukk" r gu"Udkk " c"Oqqiqnumq"cf"rq"Mc o cvmw0"R k'd gl"fej" gm"ct{dp⁰m ."ur" -g"x"jqtum ej"qđncuvej0"X xql"pgp⁰"lp^ao 0"

Frydlant [6]<50XKK04226."4" *UY+0"Ogcpft{"Uo f²RT [20b]<0XK04228."3" *UY+0

Sciomyza dryomyzina \ gwgwtug fv."3:68

Jqncmvmkem "ftwj."x"rcngctmvmkem²qđncuvk"lk-v p"qf"Ktunc."Xgnm²Dtkv^apkg" c"Ncrqpumc"rq"Htcpekk" c" gumqw"tgrwđnkwm."pc"x ejqf "cf"rq"|"a rcfp⁰"Udkk 0"Oqm cf{"w"rqvqm ."x"njm²hqwm{"c"q-n-kp{"." nctx{"ug"x{x"flgl" x"lcpvctm^aej0"

Ogcpft{"Uo f²RT"}42c<530X0/440XK04227."3" *OV+440XK0/70XK04227."3" *OV+0"Mníšek [22]<460X04225."3" *UY+0"qne x"t{dp⁰m"}55<520X0/4;0XK04224."3" *OV+4:0XK0/360XKK04224."3" *OV+0

Sciomyza simplex"Hcm²p."3:42

Jqncmvmkem "ftwj0"X"rcngctmvmkem²qđncuvk"tq| -f gp"qf"Ncrqpumc"rq"Kv^ankk" c"Denm^apum "rqnqqv/tx."pc"x ejqf "r gu"Mc|cejuv^ap"rq"|"a rcfp⁰"Udkk 0"Pc"xnjm ej" hqwm^aej." oqm cfgej."w"rqvqm " c"t{dp⁰m 0"Pgurgekcnc|qxep²"nctx{"pccfcf"uncfmxqxfp⁰"k"uwejq|goum²"rnflg0

Jqtp⁰" gtp^aUvwfpieg [7]<450XK04228."3" *UY+0

Sepedon sphegea *Hedtkekwu."3997+

Rcngctmvmkem "ftwj"tq| -f gp "qf"uv gfp⁰"Umcpfka^axkg"rq"ugxgtp⁰"Chtkmw0" Pc"x ejqf "r gu" Oqqiqnumq" c"twum "F^anp "x ejqf"cf"rq"lcrqpumq0 X" T"rqf²n'd gj "t{dp⁰m "c"lg|gt."nctx{" pccfcf⁰"ftcx "xqfp⁰"rnflg0

Malá Strana PR [19]<60XKK04226."3" *UY+0"Ogcpft{"Uo f²RT [20a]<530X0/440XK04227."3" * [RV+20b]<30X04227."3" *UY+60/3;0X04227."3" .3" *RV+0

Sepedon spinipes"*Ueqrqnk."3985+

Rcngctmvmkem "ftwj"lp^ao "qf"Ktunc"ugxgtp⁰"Umcpfka^axkg"cf"rq"ugxgtp⁰"Chtkmw."Mt²vw" c"Vwtgemq." pc"x ejqf "rq"twum "F^anp "x ejqf0 Fcngmq"jqlp l-f"pgf"r gfg-n "ftwj."fklg"pc"rqfqdp ej" uwcpqxk-v"fej."ftcx²"nctx{"pccfcf⁰"xqfp⁰"rnflg0

Bílý Potok [1b]<530X04226."3" *UY+0"Ogcpft{"Uo f²RT"}42c<3;0/530X04227."3" * [RV+20b]<30X04227."6" .3" *UY+0"Mníšek [22]<460X04225."3" *UY+0

Tetanocera arrogans"Ogki gp."3: 52

Gwtqcuklum "ftwj|p^a o "qf"ktumc" c"Ncrqpumc"rqTMrcp numq." gemq" c"Vwtgemq."pc" x ejqf " r gu^avk^ejqoq um²rdq gfl^l"Twumc"rq^lMwtkn²quvtqx { "c"lcrqpumq⁰Pc"xnjm ej^lhqwm^aej^lc"rqf²n^l uvqlcv ej^lxqf."nctx { "flkl^l r gx^aflp "x"j { itq^lEnp^lfej^l rnl^lfej⁰

Horní Pertoltice [9]<30XK04227."3" *U Y +0" **Lgf^lnqx " f^l n^lRT [33]**<520X0/380XK04227."3" *OV+0" **Malá Strana PR [19]**<70/420XK04225."4" *OV+.3" * [RV+=40XK04226."3" *U Y +=: 0XK04226."3" .6" *U Y +0" **Ogcpft { "U o f²RT [20a]**<3; 0/530X04227."3" * [RV+=4; 0XK0/3; 0XK04227."3" *OV+0" **Mnišek [22]**<460X04225."6" .3" *U Y +0" **Qnf kej^lqx" J^a lfej [24]**<460X04225."3" *U Y +0" **que x^lt { dp^lfm [33]**<520X0/4; 0XK04224."3" *OV+=4; 0XK0/360XK04224."3" *OV+0

Tetanocera elata"Hcdtkewu."39: 3+

Gwtqcuklum "ftwj|p^a o "qf"Qtmpglum ej^lquvtqx "c"Ncrqpumc"rqTMrcp numq."Kv^ankk" c"Vwtgemq." pc" x ejqf "cfl"rq^lLcrqpumq⁰Rqf²n^lngu "c"qmtcl "rqvqm ."nctx { "pcrcfcl^l rnl^lam { "c"unko^a m { 0

Bílý Potok [1a]<70/4; 0XK04227."3" *OV+0" **Bukovec PR [2b]**<530X04225."3" *U Y +=490XK04226."3" .3" *U Y +=440XK04227."4" *U Y +0" **Hqlvgem " o qm cf^lRR [4]**<3; 0XK04225."3" *U Y +0" **Horní Polubný [10]**<3; 0XK04228."3" " *U Y +0" **Jizerka [12]**<320XK04225."3" *U Y +0" **Nw cp { "pcf^lPkuqw [18a]**<390XK04225."3" *U Y +0" **Malá Strana PR [19]**<70/420XK04225."3" *OV+.3" * [RV+0" **Qnf kej^lqx" J^a lfej [24]**<460X04225."3" *U Y +0" **Vlej^a " f^l mc^lRR [35]**<470X0/360XK04226."4" * [RV+=360/520XK04226."3" * [RV+=520XK0/360XK04226."3" .3" * [RV+=360/4; 0XK04226."3" .3" * [RV+0" **Vratislavice nad Nisou [37]**<60XK04227."3" *U Y +0

Tetanocera ferruginea Hcm²p."3: 42

Jqncm^lvkem "ftwj."x" rncgctm^lvkem²q^dncuvk|p^a o "qf"ktumc" c"Ncrqpumc"rqTMrcp numq."Uctf^lkpkk." gemq" c"Vwtgemq."pc" x ejqf "cfl"rq^lLcrqpumq⁰Fquvk^ljqlp "r k^d g l^lfej^luvqlcv ej^lxqf" c"pc" o qm/ kp^aej."nctx { "pcrcfcl^l ftcx "xqf^lp^l rnl^lgl

Bílý Potok [1a]<380XK0/70XK04227."3" *OV+= [1b]^l<530X04226."3" *U Y +=40XK04227."3" *U Y +=430XK04228."3" " *U Y +0" **Bulovka [3]**<30XK04227."4" .4" *U Y +0" **Jqt^lp^l gtp^a"Uw^lf^lpeg [8]**<450XK04228."4" .3" *U Y +0" **Horní Pertoltice [9]**<30XK04227."4" *U Y +0" **Liberec-Vesec [17]**<90XK04226."3" *U Y +0" **Nw cp { "pcf^lPkuqw [18a]**<390XK04225."5" .3" *U Y +0" **Malá Strana PR [19]**<70/420XK04225."3" *OV+.5" * [RV+=40/490X04225."3" " * [RV+0" **Ogcpft { "U o f²RT [20a]**<60/3; 0X04227."3" * [RV+=3; 0/530X04227."5" .3" * [RV+=530X0/440XK04227."3" *OV+.3" .7" * [RV+=440XK0/70XK04227."3" *OV+=3; 0XK0/60KZ04227."3" .4" * [RV+=60/4; 0KZ04227."3" * [RV+= [20b]^l<30X04227."3" *U Y +=: 0XK04228."4" .4" *U Y +0" **Mnišek [22]**<460X04225."4" .3" *U Y +0" **Qnf kej^lqx" J^a lfej [24]**<460X04225."3" *U Y +0" **Raspnava [29b]**<330XK04228."3" .3" *U Y +0" **Vlej^a " f^l mc^lRR [35]**<360/4; 0XK04226."3" *OV+.3" * [RV+0

Tetanocera fuscineris"\ gvvgtuv^lfv."3: 5: +

Jqncm^lvkem "ftwj."x" rncgctm^lvkem²q^dncuvk|p^a o "qf"ktumc."Um^lqumc" c"Ncrqpumc"rqTMHtcpekk" c"Kv^ankk."pc" x ejqf " |lk- v p^lk"pc"Mc o cvegl R k^d g l^lfej^lrqvqm ."pc" xtej^lqxk-^lfej^l c"xnjm ej^lnqwm^aej."jqlp lk"x"jqt^aej⁰

Hqlvgem " o qm cf^lRR [6]<3; 0XK04225."3" *U Y +0" **Nw cp { "pcf^lPkuqw [18a]**<390XK04225."34" *U Y += [18b]^l<390XK04225."6" .3" *U Y +=40XK04227."3" *U Y +0" **Malá Strana PR [19]**<380X04225."3" *U Y +=480XK04225."4" " *U Y +=70/420XK04225."6" *OV+=: 0XK04226."3" *U Y +0" **Ogcpft { "U o f²RT [20a]**<4; 0XK0/3; 0XK04227."3" " *OV+=3; 0XK0/60KZ04227."3" * [RV+0" **Vlej^a " f^l mc^lRR [35]**<470XK0/360XK04226."3" * [RV+=520XK0/360XK04226."4" * [RV+=360/4; 0XK04227."3" * [RV+0

Tetanocera hyalipennis"xqp" Tqugt."3: 62

Gwtqcuklum "ftwj"tq|^lgp "qf" Hcgtum ej^l.Ujgvncpfum ej^lquvtqx "c"Ncrqpumc" cfl"rqTMrcp numq."Kv^ankk" c"\ cmxmc^l f^l."pc" x ejqf "cfl"rq^lx ejqf^lp^lUkd^l0^lXn^ljm²nqwm { ."o qm cf { ."d g j { "uvqlcv ej^lxqf⁰Nctx { "pcrcfcl^l xn^ljm o kmp² c"xqf^lp^l rnl^lgl

Bílý Potok [1a]<3; 0X0/50XK04227."3" * [RV+0" **Liberec-Vesec [17]**<90XK04226."3" *U Y +=380XK04226."3" *U Y +0" **Malá Strana PR [19]**<40XK04227."3" *U Y +0" **Qnf kej^lqxum²ug^lf^lq [25]**<370XK04225."3" *U Y +0" **Rejdice [30]**<

380XKKK0/30KZ04227."3" *GV+=30/440KZ04227."3" * [RV+0]Vkej^a ¶ mc^aRR [35]<520XKK0/360XKKK04226."3" * [RV+0]Zlatá Olešnice [38b]< ;0KZ04226."3" *UY+0

Tetanocera phyllophora"Ognpfgt."3;42

Jqncmtvmkem "ftwj0"X"rcngctvmkem2"qdcnucvk"qf"Ktunc."Umqvumc"c"Ncrqpmc"rq"uv gfp¶Gxtqrw."pc"x ejqf "cfl"rq"Mc o cvmw"c"Lcrqpmq0 P g jqlp "ftwj "flkl¶e¶xg"xnjm ej "ngu¶ej."|xn^a-v "dw k/p^aej" c"r k'd g |¶ej" rqvqm 0"X xql"pgp¶|p^ao 0"

M {flqx "xtej"RT}37.<530X04226."3" *UY+0¶Qnf kejqxum2"ugfnq [25]<50/370XKK04225."3" * [RV+0]Smrk [32b]<40/420XK04228."3" * [RV+0]Vkej^a ¶ mc^aRR [35]<40/470XK04226."3" *OV+0"U Kyselky [36]<40/420XK04228."4" * [RV+0]420XK0/350XKK04228."4" *OV+=350XKK0/50XKKK04228."4" *OV+0

Tetanocera silvatica"Ogki gp."3:52

Jqncmtvmkem "ftwj0"X"rcngctvmkem2"qdcnucvk"qf"Umqvumc"c"Ncrqpmc"rq"rcp numq."Kv^ankk" c"Tw o wp/umq."pc"x ejqf "cfl"rq"Mc o cvmw" c"Mtwnum2"quvtqx{0 Pgr ¶nk- "jqlp ."cng" fquvk"tq | -¶ gp "ftwj" pc"dcflkp^aej."xnjm ej "nqwm^aej" c"rqf2n" rqvqm "k"v p¶0"Nctx{"pccfcfl¶xqfp¶" rnfgr" k'd g |¶ej" xqf" c"pc" o qm cfgej 0"

Bílý Potok [1a]<50/3;0X04227."3" *OV+."7" * [RV+=3;0X0/50XK04227.";" * [RV+=50/380XK04227."3" *OV+=4;0XKK0/3;0XKKK04227."3" * [RV+=3;0XKKK0/60KZ04227."4" * [RV+=1b]<530X04226."3" *UY+0¶Fojtka [5]<90XKK04226."3" *UY+0¶Horní Pertoltice [9]<30XK04227."4" *UY+0¶Nw ep{"pcf"¶Puqwj}3;c.<390XK04225."3" *UY+0¶Mníšek [22]<490X04226."4" *UY+0¶Qnf kejqx"x"J^a¶Hej [24]<460X04225."5" *UY+0¶Rejdice [30]<50XK04226."3" *UY+0¶3;0/520X04227."3" *GV+=380XK0/70XK04227."3" * [RV+0]¶que x{t{dp¶m}55.<520KX0/4;0XK04224."8" *OV+0¶Zlatá Olešnice [38a]<50XK04226."3" *UY+0

Trypetoptera punctulata *Ueqrqnk."3985+

Nkvgt^atp¶Åfclg< gtp^a"Uwvf pkeg" *Ocvtkp^m3;96+0
Rcngctvmkem "ftwj" |p^a o "qf"Ktunc."Umqvumc"c"Ncrqpmc"rq"ugxgtp¶Chtkmw" c"Vwtgemq."pc"x ejq/ f "r gu"Ukdk "rq"Ucejnkp0 Pc"uwej ej "uvt^ap¶ej."cngk" o qm cfgej"t |p2"jqv{rw."hctx{ "ug"x{x|¶gl¶" x"uwejq|g o um ej" rnf¶ej 0"

Bílý Potok [1a]<50/380XK04227."3" * [RV+=1b]<40XK04227."3" *UY+0¶Bukovec PR [2b]<490XK04226."3" .4" *UY+0¶Hqlvgem "o qm cf"RR [4]<3;0XK04225."3" *UY+0¶Horní Polubný [10]<3;0XK04228."3" *UY+0¶Nw ep{"pcf" Nisou [18a]<390XK04225."3" *UY+0¶18b}<390XK04225."4" .3" *UY+0¶Malá Strana PR [19]<480XK04225."3" *UY+0¶40XKKK04227."3" *UY+0¶Ogepft{"Uo f2"RT [20a]<60/4;0KZ04227."3" * [RV+0]¶Poledník [28]<360/520XKK04226."3" *OV+0¶Raspenava [29a]<530X04226."4" *UY+0¶Smrk [32b]<350XKK0/50XKKK04228."3" * [RV+0]¶que x{t{dp¶m} [33]<80XKK04226."3" *UY+0¶rk^am}56.<440XK04225."5" *UY+0¶530XK04226."3" *UY+0¶4;0XK04227."3" *UY+0¶Vkej^a ¶ mc^aRR [35]<470XK0/360XKK04226."3" *OV+=360/4;0XKKK04226."3" .3" * [RV+0

\ jqfpqegp¶x ungf m

X"ngvgej"422464229"d{n"rtqxfgp"qfej{v"o cvgtk^anw"pc"5:"nqmcnk^aej"x"Lk|gtum ej"jqt^aej" c"pc" Ht fncpvumw."egnmg o"768"mwu "38"mwu " | " gngfk"Rjcgq o {kkfcg" c"752"mwu " | " gngfk" Ueqq/o { |kfcg+0" |k-v p "rq gv"ftwj ."v0" fxc" | " gngfk"Rjcgq o {kkfcg" c"66" | " gngfk"Ueqq o { |k/ fcg"lg"tgncvxp "x{uqm "c"r gfuvcxwlg" w"rtx2" gngfk"88.9" " | "hcwp{" gum2"tgrwdnk{ "k" gej" c" w"ftwj2" gngfk"78.6" " | "hcwp{" gum2"tgrwdnk{ "c"84.: " | "hcwp{" gej+0"Rq vg o"ftwj "vcn" o cvgtk^an"r gx{-wlg"rqfdp "rqftqdp "x |mw o"x"rt o {unqx2"mtclp "ugxgtq| "rcfp¶ej" gej" *65"ftwj{."Tq|mq-p " ("Dctv^am"4223c."d+"k" |k-v p "rq gv"ftwj "x"PR"Rqf{¶}56"ftwj{."Tq|/mq-p "gv"cn0"4227+"c"lg"lgp"q" o^anq"pkf-¶pgf"rq gv"ftwj "fnqwjqfd "tgikvtxqcp "x"qdcnucvk" R^ancx{¶69"ftwj ."Tq|mq-p "3; ; ; +0" M"pgljqlp lk|cuvqwrp o"ftwj o"rcv ¶Renocera pallida *93"lgfkpe ."35.6" "+."Tetanocera ferruginea"*75"lgfkpek."32.2" "+."T. silvatica"*5;"lgfkpe .9.5" "+c"70"fuscineris"*55"lgfkpe ."8.4" "+0" \ "jngfkumc" |qqigqitcLem2"r ¶unw-pquvk"rcv ¶qdc"

|lk-v p² ftwj {" | " gngfk"Rjcgqo {kkfcg"mg" ftwj o "gxtqrum o."Pelidnoptera leptiformis" o^a x-cm"nk o kvqxc²tq|-f| gp|" a rcfq/"c"uv gfqgxtqrum²0"Og|k"ftwj {" gngfk"Ueqo o { |kfcg"r gxcflw/ l|" ftwj {" jnqctm²kem²*34."49.5" ' + "c" gwtqcuklum²*34."49.5" ' + .p^aungfwl|" ftwj {" gxtqrum²*: . 3: .4" ' + "c" rncgctm²kem²*8."35.8" ' + .4" ftwj {" *6.7" ' + "luqw" | glo " gwtqkdk um²jq^r xqf^w"c"fcn-|" 4"luqw"uv gfqgxtqrum²*6.7" ' +0"lfggp"rncgctm²kem "ftwj"*4.5" ' + "rtqpkm^ak"fq"qdcuvk"qtgkpv^anp|." 3"ftwj"*4.5" ' + o^a"tq|-f| gp|" a rcfqrcngctm²kem²0"Xg"uvfwqxc²o " o cvgtk^anw"lu o g" | c | pc o gpcnk" 3"uc o eg pgjqlp²jq^r ftwj w" *Pherbellia sordida*."mvgt " r gfuvcxwlg"rtxp|" p^ang| "x" gej^aej⁰V k" fc n-|" ftwj {" *Anticheta atriseta*."A0" *brevipennis*"c" *Pherbellia silana*"d{n {" |lk-v p {"x" gej^aej" r qftwj²."rtxp|" | "pkj" k"pc"nqmcnk v "tmqne x"t {dp|"m0"

M"pglegpp l-f| o "À | g o f| o "Lk | g t m e j " j q t " r c v " r q f n g " r g u v t q u v k " x u m { v w " x n " j q o k n m q x k v e j " n q m c n k v { " R T " O g c p f t { " U o f " 2 " c " D " n " R q v q m 0 " M t k v k e m { " q j t q f l g p " f t w j " A n t i c h e t a a t r i s e t a " d { n | l k - / v p " x " R T " L g f n q x " f n " c " q j t q f l g p " 2 " f t w j { " A 0 " b r e v i p e n n i s " c " P h e r b e l l i a s i l a n a " r c m " x " R T " O g c p f t { " U o f " 2 . " r t x p | " | " p k e j " k " p c " n q m c n k v " t m q n e x " t { d p | " m 0 "

Rqf m^ap⁰R gfnqflgp^auvwfk^ad{nc" | r tceq^ape"u" r q f r q t q w " O k p k u y t u v x c - m q u v x f " g u m " 2 " t g r w d n k m { " x " R t c | g " c " O c u c / t { m q x { " w p k x g t | k v { " x " D t p " * x | m w o p " | " a o t " 0 " 43844638+0"

NKVGTCVWTC

DCTVfM"O0" ("TQ\MQMP "T03; ; ; <Hcwplukve"tgeftu<Ueqo o { |kfcg"r0"4220"kp<LGFNK MC"N0"*gf|<<Diptero-
logica Bohemoslovaca."Xqnl"; 0"Unqx0"gpw|Uqe0."Dtevkunxc."436"r r0
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fcg+0"Eur. J. Entomol."322<365/3730
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*Oqtg"lpvgtgukp i "u"rgekqu"qh"vjg" i tqw"r"Cecn { rvtvc"*Fkrvgtc+htq o "pqvjgtp"cp f"pqvtj gcuygtp"Dqj o kc+0" *Sborn.*
Ugxtg g u 0 " O w / 0 . R f 0 " X f f . " N k d g t g e . " 8 < 3 7 3 / 3 9 7 * k p " E | g e j . " G p i n k u j " u w o o 0 + 0
OE" FQPPGN" T0" L0 . " M P W V U Q P " N 0 . " X C N C " L 0 " E 0 . " C D G T E T Q O D K G " L 0 . " J G P T | " R 0 " L 0 " (" I Q T O C N N [" O 0 " L 0 " 4 2 2 7 <
Fktge" xkxfpgeg" qh" r t g f c w k p d " { " c s w c v k e " r t g f c v q t { " U e q o o { | k f c g * F k r v g t c . " C e c n { r v t v c + " q h " h t g u j y c v g t " u p c k a u "
htq o " p c w t c n " r q r n a c v k p u 0 " E n t 0 " O q p 0 " O c i 0 . " 3 6 3 < 6 ; / 7 8 0
PGTWFQXf / JQTUfMQXf"l0"4228<Xn^ajq o kmqxk^a*Ueqo o { |kfcg+c"Rjcgqo o { |kfcg"*Fkrvgtc."Cecn { rvtvc+EJMQ"
Mmq^afpumq⁰*Ueqo o { |kfcg"cp"Rjcgqo o { |kfcg"*Fkrvgtc<"Cecn { rvtvc+q^ah" Mmq^afpumq^a R t q v g e v f " N e p f u e c r g "
Ctgc+0"Kp<DGTCP"N0"*gf+0" Dg | q d t c v n | " M q m q " f p u m c l " * k p x g t v g d t c v g u " q h " M q m q " f p u m q + 0 " B o h e m i a C e n t r a l i s . " 4 9 <
689/695"*kp"E|gej."Gpinkuj"cdutv0+0
RTWPGT"N0" ("O"MC"R03; ; 8<Ug|pc o "qde"|"Iglkej" "uv"|"x" gum² tgrwdnkeg"u" fun {" o crqx ej" r q n | " r t q " u " q x " 2 "
o crqx^ap⁰hewp {0"*Nkuv"qh"ugvng o gpvu"kp"vjg"E|gej" Tgrwdnke"ykvj"cuuqekcvgf" o cr "Lgnf"eqfgu"ht"hcwplukve" i tkf"
o crkpi i "u" g o + 0 " K l a p a l e k i a n a . " 5 4 * U w r r n 0 + < 3 / 3 3 7 * k p " E | g e j . " G p i n k u j " u w o o 0 + 0
TQJf GM"l03; ; 7<Ueqo o { |kfcg."r r0"352/3560"kp<TQJf GM"l0."UVCT "L0."OCTVKPQXUM "L0" ("Xfnc"O0<
Diptera Bukovských vrchov)**Diptera of the Bukovské Hills*+. UCfR'6"Urt^axc"EJMQ" c"DT"X e j q f p " 2 " M c t r c v { . "
J w o g p p " 2 . " 4 5 4 " r r " * k p " U n q x c m + 0
TQ\MQMP "T03; 87<Pqx²r q | p c v m { " q " u n g | u m e j " x n " a " j q o k m " a " e j " * U e q o o { | k f c g . " F k r v g t c + 0 " P g w " G t m g p p v p l u a g " A d g t "
Ueqo o { |kfcg"*Fkrvgtc+0"Uejngukgp+0" Cevc"Owul"Uknul0" (A)."36<57/5: "kp"E|gej." Igt o cp"cdutv0+0
ROZKOŠNÝ" T03; 88< gumqungxpum²ftwj {" o cncmq^a i p | " g n g f k " U e q o o { | k f c g * F k r v g t c + 0 " F k g " v e j g e j q u n y c m k u e j g p "
Ctvgp"fgt" o cncqrjci gp" Hc o k n k " U e q o o { | k f c g * F k r v g t c + 0 " F o l i a F a c i 0 " S c i 0 " N a t 0 " U n i v 0 " P u r k 0 " B r u n 0 . " B i o l 0 . " 3 7 <
3/334"*kp"E|gej." Igt o cp"cdutv0+0
ROZKOŠNÝ" T03; ; 9<C'tgtxkgy"qh"vjg"Rncgctevke"Ueqo o { |kfcg"*Fkrvgtc+0" *Folia Faci0"Sci0"Nat0"Univ0" Purk0" Brun0.*"
Biol0." : 8<3/3220
ROZKOŠNÝ" T03; ; 3<C"mg {"vq"vjg"Rncgctevke"urgekqu"qh"Rjgtdgnkc" Tqdkpgcw / Fugxqkf { . " y k v j " f g u e t k r v k p " q h " v j t g g "
pgy"urgekqu"*Fkrvgtc."Ueqo o { |kfcg+0" *Acta Ent. Bohemoslov0.*" : < : 5; 3/6280
TQ\MQMP "T03; ; < "Hc o k n k " U e q o o { | k f c g . " r r 0 " 5 7 8 / 5 : 4 0 " K p < " R C R R " N 0 " (" F C T X C U " D 0 " * g f u < " C o n t r i b u t i o n s t o c "
O c p c w n " q h " R n c g c t e v k e " F k r v g t c " * y k v j " u r g e k n " t g h g t p e g " v q " l k g u " q h " g e a q o k e " k o r q t v c p e g + . " X q n 0 " 5 0 " U e k g p e g "
J g t c n f . " D w f c r g u 0 "

ROZKOŠNÝ T03; ; <Rjcgq o { |kfcg|Uekq o { |kfcg|Kp<ROZKOŠNÝ T0 ("XC J CTC L0*gf u+< Fkrvgtc"qh"vjg"R"ncxc" Dkqur jgtg" Tgugtxg"qh"WPUGUEQ"K0" Folia Fac. Sci0 Nat0 Univ0 Ocuct(m) Brunn, Bio0. "322<4: 3/4 : 80

ROZKOŠNÝ T0 4224< Kpugevc< Fkrvgtc< Uekq o { |kfcg. " r r0 39/3440" Kp< UE J Y QGTGDGN" L0 (" \ Y KEM" R0" *gf u+< UĀĚycuagthcwp< xap" Okvngngzgrc. " Xap0 43/450" Urgmvtw o. " Jgkfgndgti /Dgtnkp0

ROZKOŠNÝ T0 4227< Uekq o { |kfcg* xn a j q o nmqxk0 f. " r r0 545/5460" Kp< HCTMC L0. MT f N F0 (" M M QTR< M' O0" *gf u+< gtxp "ug|pc o" qj tglp ej" ftwj " gum 2" tgrwdkml0 Dg|qdtcvn0 Tgf" nkv" qh" vj tgcvgpgf" urgekqu" kp" vj g" E|gej" Republic. Invertebrates0 Ci gpwtc" qe jtcp" r " ftqf { " c" mtclkp { " T. Rtc jc. " 982" r r" *kp" E|gej" cpf" Gp inkuj +0

ROZKOŠNÝ T0 4228< Uekq o { |kfcg" Hcmz p. " 3: 420" Kp< LGFNK MC" N0. UVNQWMCNQX f" X0 (" M—FGNC" O0" *gf u+< Checklist of Diptera of the Czech Republic and Slovakia0 Gngvtpqke" xgtukqp" 30" jvvr|l| qqnqi { |hpu0 wpkdc0 uml fkrvgtc< cpf" EF/TQO *KUDP" : 2; 8; 84; /2/8+0

TQ \ MQ M P " T0 (" DCTV f M' O0 4223c< Rjcgq o { |kfcg0 Kp< DCTV f M' O0 (" XC J CTC L0" *gf u+< Fkrvgtc" kp" cp" kpfwvtkcn { " Chgevgf" Tgikqp" *Pqtvj / Y gvgtp" Dqj g o k. D f n k p c< cpf" Fwejeqx" Gpxktqpu+< K0" Folia Fac. Sci. Nat. Wpk0 Ocuct(m) Dtrwpl. Dkpn. " 327<53; /5430

ROZKOŠNÝ T0 (" DCTV f M' O0 4223d< Uekq o { |kfcg0 Kp< DCTV f M' O0 (" XC J CTC L0" *gf u+< Fkrvgtc" kp" cp" kpfwvtkcn { " Chgevgf" Tgikqp" *Pqtvj / Y gvgtp" Dqj g o k. D f n k p c< cpf" Fwejeqx" Gpxktqpu+< K0" Folia Fac. Sci0 Nat0 Univ0 Ocuct(m) Brunn, Bio0. "327<545/54; 0

TQ \ MQ M P " T0. " DCTV f M' O0 (" TQ J f GM" L0 4223< Hcwpukve" tgeqt fu0 Uekq o { |kfcg0 Kp< E J X f NC" O0" *gf f0+< Fkrvgtq q i k e c< Dqj g o q n q x c e c. " Xap0 320" Acta Univ0 Carol0. Bio0. " 67<3; 40

ROZKOŠNÝ T0. " J Q T U f M Q X f " L0. M W D " M " M0 (" DCTV f M' O0 4227< Uekq o { |kfcg. " r r0 494/4980" Kp< DCTV f M' O0 (" M W D " M " M0" *gf u+< Fkrvgtc" qh" Rqf { f " P e v k q p c n " R c t m " c p f " k u " G p x k t q p u 0 " gum a" |g o f num a" wpxxt|kvc" x" Rtc|g. " 654" r r0

ROZKOŠNÝ T0 (" M P W U Q P " N0 4227< Uekq o { |kfcg0 Kp< RCRG" V0" *gf f0+< Fauna Europaea: Diptera Brachycera0 Xgtukqp" 3040" Cxckncdng" qnkpq" cv" jvvr<l| y y y |hwcwpcgw0 lqti 0

ROZKOŠNÝ T0. " M W D " M " M0 (" DCTV f M' O0 4227< Rjcgq o { |kfcg. " r r0 492/4940" Kp< DCTV f M' O0 (" M W D " M " M0" *gf u+< Fkrvgtc" qh" Rqf { f " P e v k q p c n " R c t m " c p f " k u " G p x k t q p u 0 " gum a" |g o f num a" wpxxt|kvc" x" Rtc|g. " 654" r r0"

XQP K MC" R0 422: < Gpvq o qnq i k e m " x | m w o Lk | g t u m e j " j q t " c " H t f n c p v m c " x " h g v e j " 4222/42290" Gpvq o qnq i k e c n " u w t x g { " qh" vj 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 g u l 0 " O w / 0. " R f 0 X f f. " N k d g t g e. " 48< 5/34" *kp" E|gej. " Gp inkuj " u w o 0+0

XQP K MC" R0 (" X K T M " f M' T0 422: < " \ a m n e f p " e j c t c m v g t k u v k e m | m q w o c p 2" j q " Ā | g o " Lk | g t u m e j " j q t " c " H t f n c p v m c 0 " * I g p g t c n " e j c t c e v g t k u v k e u " qh" vj g" u w 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 g u l 0 " O w / 0. " R f 0 X f f. " N k d g t g e. " 48<35/55" *kp" E|gej. " Gp inkuj " u w o 0+0

UWO OCT [

Vyq"urgekqu"qh"Rjcgq o { |kfcg|cpf"66"urgekqu"qh"Uekq o { |kfcg|ygtg'tgeqtfgf"kp"vjg"Lk|gtum2" jqt { "Ovu"cpf"Ht fncpv'tgikqp"d { "ogcpu"qh"uyggrkpi. "eq o d k p g f " i k i j v " v t c r u. " g o g t i p e g " v t c r u. " O c n c k u g " v t c r u. " { g m q y " r c p " v t c r u. " d g g t " v t c r u " c p f " r t q v g k p " v t c r u " f w t k p i " x g i g v c v k q p " r g t k f u " k p " 4224642290" Htq o " vj g " | q q i g q i t c r j k e c n " r q k p v " qh " x k g y. " d q v j " t g e q t f g f " u r g e k q u " qh " R j c g q o { | k f c g " d g n q p i " v q " G w t q r g c p " g n g o g p v u. " j q y g x g t. " Pelidnoptera leptiformis" f k u r n c { u " t c v j g t " y g u g v t p " c p f " e g p v t c n / G w t q r g c p " f k u v t k d w k q p 0 C o q p i " U e k q o { | k f c g. " J q n c t e v k e " * 34. k 0 g 0 4905 ' + c p f " G w t c u k c p " * 34. " k 0 g 0 4905 ' + " g n g o g p v u " r t g x c k n. " h q m q y g f " d { " G w t q r g c p " * : " k 0 g 0 3 : 04 ' + " c p f " R c n c g t e v k e " u r g e k q u " * 8. " k 0 g 0 3508 ' + = " 4 " u r g e k q u " * k 0 g 0 607 ' + " c t g " c r r c t g p v n { " qh " G w t q u k d g t k p " q t k i k p " c p f " h w t v j g t " v y q " * 607 ' + " c r r g e t " v q " d g " t g u v t k e v g f " v q " E g p v t c n " G w t q r g c " 3 " u r g e k q u " * k 0 g 0 405 ' + " k u " R c n c g t e v k e " c p f " Q t k g p v c n. " c p q v j g t " q p g " * 405 ' + " u j q y u " Y g u v " R c n c g t e v k e " f k u v t k d w k q p 0 C o q p i " v j g " u r g e k q u " g z c o k p g f " c " o c n g " qh " Pherbellia sordida y cu" k f g p v k E g f. " y j k e j " k u " t g e q t f g f " k p " D q j g o k c " h q t " v j g " Ł t u v " v k o g 0

Nctxcn" hqf f" r t g h g t p e g " k u " m p q y p " k p " c d q w v " 82 " E g p v t c n " G w t q r g c p " u r g e k q u 0 " V j g " n c t x c g " h g g f " c u " c s w c v k e " r t g f c v t u " q t " v g t t g u v t k c n " r c t c u k v q k f u " qh " r w n o q p c v g " u p c k n u " c p f " r g c " o w u g n u 0 " C " h g y " u r g e k q u " c v c e m " u n w i u " q t " e q p u w o g " u p c k n " g i i u 0 " Q h " v g p " u r g e k q u " y j k e j " y g t g " k p e n w f g f " k p " v j g " t g e g p v " p c v k q p c n " t g f " n k u v. " q p g " u r g e k q u " h q w p f " k p " v j g " Lk | g t u m 2 " j q t { " O v u " * A n t i c h e t a a t r i s e t a + " k u " e q p u k f g t g f " e t k v k e c m { " g p f c p i g t g f " c p f " v y q " o q t g " u r g e k q u " * A. b r e v i p e n n i s " c p f " P h e r b e l l i a s i l a n a + " c t g " n k u v g f " c o q p i " g p f c p i g t g f " u r g e k q u 0