

Prodromus of moth flies (Diptera: Psychodidae) from Slovakia

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Abstract: First records of fourteen species of moth flies are from Slovakia mentioned: *Apsycha pusilla* (Tonnoir, 1922), *Clytocerus* (*Boreoclytocerus*) *splendidus* Ježek & Hájek, 2007, *C. (B.) tetracorniculatus* Wagner, 1977, *Jungiella* (*Jungiella*) *hygrophila* Ježek, 1987, *J. (J.) valachica* (Vaillant, 1963), *J. (Psychocha)* *laminata* (Szabó, 1960), *Parajungiella prikryli* Ježek, 1999, *Pericoma* (*Pericoma*) *exquisita* Eaton, 1893, *P. (P.) ljubiniensis* Krek, 1969, *P. (P.) vestita* Vaillant & Withers, 1993, *Psychoda alticola* Vaillant, 1973, *P. uniformata* Haseman, 1907, *Pneumia compta* (Eaton, 1893) and *P. kabelaki* Omelková & Ježek, 2012. Records on the basis of larvae of *Berdeniella manicata* (Tonnoir, 1920), *Pericoma* (*Pericoma*) *pseudoexquisita* Tonnoir, 1940 and *Pneumia stammeri* (Jung, 1956) in the past are first time confirmed as adults from Slovakia. Some detailed important morphological characters males of two selected species *Pericoma* (*Pericoma*) *exquisita* and *P. (P.) pseudoexquisita* are figured. All credible and available data of non-biting moth flies (Diptera: Psychodidae) from Slovakia were summarized (396 localities) and many new collecting sites (visited by different collectors from 1977 to 2013) added (188 localities). A suitable grid mapping for Central Europe was used. A preliminary conservation status of 51 rare species is discussed. The species-richness of the psychodid fauna in Slovakia is increased by this paper to 117 species.

Key words: Diptera, Psychodidae, new records, new localities, complete summarization of faunistics, grid mapping, threatened species, Slovakia

Introduction

The investigation of Psychodidae in Slovakia is still far from finished. Scattered older literary data of moth flies (e.g. Thalhammer 1918, Szabó 1960, 1965a,b) were firstly summarized by Rozkošný (1971). This work raised the number of Psychodidae known from Slovakia to 27 species. Subsequently Halgoš (1984) increased the number of Psychodidae to 34 species, next Ježek & Halgoš (1987) to 41 species known previously from Slovakia. Ježek (1997, 2003 and 2006) gave next summarization with 65, 73 and 89 species.

The recent checklist of non-biting moth flies from Slovakia (Ježek 2009c) includes 97 species. Ježek et al. (2012) published four new records for Slovakia: *Yomormia furva* (Tonnoir, 1940), invasive *Clogmia albipunctata* (Williston, 1893), *Peripsychoda fusca* (Macquart, 1826) and *Pneumia gracilis gracilis* (Eaton, 1893). Together with dendrolimnetic moth flies: *Lepiseodina tristis* (Meigen, 1830) and *Sciria advena* (Eaton, 1893) (Oboňa & Ježek 2012b), the Slovakian fauna now comprises 117 species with the present paper's new records: *Apsycha pusilla* (Tonnoir, 1922), *Clytocerus* (*Boreoclytocerus*) *splendidus* Ježek & Hájek, 2007, *C. (B.) tetracorniculatus* Wagner, 1977, *Jungiella* (*Jungiella*) *hygrophila* Ježek, 1987, *J. (J.) valachica* (Vaillant, 1963), *J. (Psychocha)* *laminata* (Szabó, 1960), *Parajungiella prikryli* Ježek, 1999, *Pericoma* (*Pericoma*) *exquisita* Eaton, 1893, *P. (P.) ljubiniensis* Krek, 1969, *P. (P.) vestita* Vaillant & Withers, 1993, *Psychoda alticola* Vaillant, 1973, *P. uniformata* Haseman, 1907, *Pneumia compta* (Eaton, 1893) and *P. kabelaki* Omelková & Ježek, 2012.

Material and methods

Most of the new material was collected by several authors and a variety of methods, mainly by sweep netting and rarely with hand collecting, Malaise traps, rearing or yellow pan traps. The captured moth flies were preserved in 75% ethanol, and mounted on 737 slides (Canada balsam) in Prague. These are now deposited in the Department of Entomology of the National Museum in Prague, Czech Republic (NMPC). All known credible and available data (incl. historical records) from random and extensive sampling of moth flies (Diptera: Psychodidae) from Slovakia were summarized: many thousands of specimens of moth flies were collected altogether at 396 localities situated in Slovakia – map 1 (see List of collecting sites). Number of localities published only in the past – map 2: 220, new localities – map 3: 188 (this data are chronologically arranged). Identification and nomenclature were used according to Vaillant (1971-1983), Ibañez-Bernal (2008), Ježek (1994, 2009a) and Ježek & Van Harten (2009). A preliminary assessment of the current conservation status of rare species of moth flies in this paper was confronted and compared with the red list in the Czech Republic (Ježek 2005).

The following abbreviations are used: CR – Critically Endangered, EN – Endangered, F – female, HC – hand collecting, Imts. – inter mountains, M – male, MT – Malaise trap, Mts. – mountains, NMPC – entomological collections of the National Museum in Prague, Czech republic, NP – National Park, NS – Nationally Scarce, SW – sweep netting, veg. – vegetation, TE – Tullgren's equipment, VU – Vulnerable, YPT – yellow pan traps.

List of collecting sites

Each entry in the list of collecting sites is arranged as follows: number of locality, name of the collecting site (name of the nearest village or town), geomorphological units and grid mapping codes of the Databank of the Slovak fauna (DFS): cited following Mazúr et al. (1986), Lučivjanská (1989) and Stloukal & Grujbárová (2013).

1. Alabastrová jaskyňa cave, Belianske Tatry Mts. NP, 6787.
2. Antalova studnička well, Veporské vrchy Mts., 7284.
3. Babí potok brook env. Ždiar, Belianske Tatry Mts. NP, 6787.
4. Babia hora Mt. env. Bystré, Oravské Beskydy Mts., 6483.
5. Bábsky les forest nr. Veľký Báb, Nitrianska pahorkatina hills, 7673.
6. Baláže, brook, Nízke Tatry Mts. NP, 7181.
7. Bánovo, Veporské vrchy Mts., 7284.
8. Banské, stream, Slanské vrchy Mts., 7195.
9. Bansko brook nr. Liptovská Lúžna, Nízke Tatry Mts. NP, 7081.
10. Baranie, Čergov Mts., 6892.
11. Bardejov, Ondavská vrchovina hills, 6693.
12. Bardejovské Kúpele, brook, Ondavská vrchovina hills, 6693.
13. Batizovce, brook, Popradská kotlina basin, 6987.
14. Belá nad Cirochou, meander, Laborecká vrchovina hills, 7098.
15. Biela Orava river nr. Lokca, Podbeskydská vrchovina Mts., 6682.
16. Biela, Podtatranská brázda furrow, 6787.
17. Biely Váh river, Vysoké Tatry Mts. NP, 6886.
18. Bodrog river basin*.
19. Bratislava, Podunajská rovina flat, 7868.
20. Brehy, Vtáčnik Mts., 7577.
21. Bretka, Rimavská kotlina basin, 7588.
22. Brezno, Horehronské podolie basin, 7183.
23. Brtkovica nr. Liptovský Mikuláš, Nízke Tatry Mts. NP, 6984.
24. Brusno env. Brezno, brook, Nízke Tatry Mts. NP, 7982.
25. Bukovce env. Stropkov, brook, Ondavská vrchovina hills, 6796.
26. Bukovec nr. Donovaly, Starohorské vrchy Mts., 7181.
27. Bukovecká dolina valley env. Ráztoka, Nízke Tatry Mts. NP, 7182.
28. Bukovinka well, Veľká Fatra Mts. NP, 6981.
29. Bystrá, Banská Bystrica distr., Horehronské podolie basin, 7183.
30. Čaklov, stream, Východoslovenská pahorkatina hills, 7095.
31. Čermeľ nr. Košice, brook, swamps, Čierna hora Mt., 7293.
32. Červená Magura, Nízke Tatry Mts. NP, 7081.
33. Červenica, swamps, Slanské vrchy Mts., 7194.
34. Červený potok brook – Nová Lesná, Popradská kotlina basin, 6887.

35. Čičarovce, Východoslovenská rovina flat, 7489.
36. Čierna dolina valley env. Tatranská Kotlina, Popradská kotlina basin, 6787.
37. Čierna Lehota, Revúcka vrchovina Mts., 7287.
38. Čierny Diel env. Ráztoka, spring area, Nízke Tatry Mts. NP, 7182.
39. Čierny Hron brook - Dobročský prales Wirgin Forest, Veporské vrchy Mts., 7384.
40. Čierny Hron, Veporské vrchy Mts., 7183.
41. Čírč, Spišsko-šarišské medzihorie Imts., 6791.
42. Črtné, Nízke Tatry Mts. NP, 7183.
43. Danielov dom house nr. Nová Polianka, Popradská kotlina basin, 6886.
44. Dedačov, brook, Laborecká vrchovina hills, 6997.
45. Demänovská dolina valley, Nízke Tatry Mts. NP, 6983.
46. Diviacka Nová Ves, Strážovské vrchy Mts., 7276.
47. Dlhý Grúň nr. Čierny Balog, Veporské vrchy Mts., 7284.
48. Dobšinská ľadová jaskyňa cave, Slovenský raj NP, 7187.
49. Dolina 7 prameňov valley nr. Tatranská Kotlina, Popradská kotlina basin, 6787.
50. Dolina Bielych plies valley, Belianske Tatry Mts. NP, 6787.
51. Dolný Harmanec, Starohorské vrchy Mts., 7180.
52. Dolný Jelenec, Starohorské vrchy Mts., 7180.
53. Dolný Smokovec, swamps, Popradská kotlina basin, 6887.
54. Donovaly, Veľká Fatra Mts., 7181.
55. Dubová nr. Stoličný potok brook, Trnavská pahorkatina hills, 7670.
56. Dúbrava, Liptovský Mikuláš distr., Liptovská kotlina basin, 6983.
57. Dúbravka, brook, Malé Karpaty Mts., 7868.
58. Dudváh, Trnavská pahorkatina hills, 7372.
59. Dulova Ves nr. Prešov, wet meadow, Košická kotlina basin, 7093.
60. Dunaj river basin*.
61. Eurocamp FICC env. Tatranská Lomnica, brook, Popradská kotlina basin, 6787.
62. Fialkový potok brook, Malé Karpaty Mts., 7868.
63. Furmanec river, left tributary, S of Káster, Muránska planina Mts. NP, 7385.
64. Gader river, Turčianska kotlina basin, 7079.
65. Gerlachov env. Bardejov, river, Ondavská vrchovina hills, 6692.
66. Gerlachov, Poprad distr., Popradská kotlina basin, 6887.
67. Gidra stream, Malé Karpaty Mts., 7669.
68. Grúnik, stream, Vysoké Tatry Mts. NP, 6885.
69. Haliar elevation point, Staré Hory env., Starohorské vrchy Mts., 7180.
70. Hankovce, brook, Laborecká vrchovina hills, 6997.
71. Havešová, Bukovské vrchy Mts. NP, 6800.
72. Havraník, Muránska planina Mts. NP, 7186.
73. Herľany, stream, Košická kotlina basin, 7294.
74. Hiadeľská dolina valley, Hiadeľ env., Nízke Tatry Mts. NP, 7181.
75. Hiadeľské sedlo saddleback, Korytnica kúpele env., Nízke Tatry Mts. NP, 7181.
76. Hluboký potok brook, Bukovské vrchy Mts. NP, 6900.
77. Holica env. Javorina, brook, Vysoké Tatry Mts. NP, 6786.
78. Horáreň Sliače, Trábeč hill, 7476.
79. Horný Smokovec, Popradská kotlina basin, 6887.
80. Hornád river basin*.
81. Horné Lazy, Horehronské podolie basin, 7183.
82. Hostovce, Košická kotlina basin 7491.
83. Hradište, Hiadeľská dolina valley, Starohorské vrchy Mts., 7181.
84. Hrdzavá, spring area, Muránska planina Mts. NP, 7285.
85. Hrhov, Slovenský kras karst, 7390.
86. Hriňová, Veporské vrchy Mts., 7383.
87. Hrochotská dolina valley, Hrochoť env., Zvolenská kotlina basin, 7381.
88. Hromacký vrch hill env. Livov, pasture, Čergov Mts., 6792.
89. Hron river basin*.
90. Hrončekový grúň slope, Poľana Mts., 7383.
91. Hrušov, Trábeč hill, 7576 (Fig. 1).
92. Hrušovo, Revúcka vrchovina Mts., 7468.
93. Hučava stream, Poľana Mts., 7382.
94. Il'anovo, Liptovská kotlina basin, 6983.

95. Iľanovská dolina valley, Nízke Tatry Mts. NP, 6983.
96. Ipeľ nr. Šahy, Ipeľská pahorkatina hills, 7979.
97. Jakubany, Spišsko-šarišské medzihorie Imts., 6790.
98. Jamy nr. Tatranská Lomnica, Vysoké Tatry Mts. NP, 6886.
99. Jarabá skala rock, Bukovské vrchy Mts. NP, 6800.
100. Jasná, Nízke Tatry Mts. NP, 7083.
101. Javorina, Podtatranská brázda furrow, 6786.
102. Javorov potok brook, Červené vrchy Mts., Západné Tatry Mts. NP, 6785.
103. Jurkova Voľa, wet gutter, Ondavská vrchovina hills, 6695.
104. Juskova Voľa, brook, Slanské vrchy Mts., 7195.
105. Kamenný potok brook, Malé Karpaty Mts., 7669.
106. Kamienka, brook, Beskydské predhorie Mts., 7098.
107. Kapušianske Kľačany, swamps, Východoslovenská rovina plain, 7498.
108. Kardolina, Popradská kotlina basin, 6787.
109. Kavečany, brook, Čierna hora Mt., 7293.
110. Kežmarská Biela Voda, Podtatranská kotlina basin, 6888.
111. Kežmarské Žľaby, Popradská kotlina basin, 6787.
112. Kľačianska dolina valley env. Ružomberok, Nízke Tatry Mts. NP, 6982.
113. Kľačno, Hornonitrianska kotlina basin, 7077.
114. Kochuľa env. Hiadeľ, Nízke Tatry Mts. NP, 7181.
115. Kokošovce, brook, Košická kotlina basin, 7094.
116. Kolbasov, stream, Bukovské vrchy Mts. NP, 6900.
117. Korejovce, brook, Laborecká vrchovina hills, 6695.
118. Korytnica, Veľká Fatra Mts. NP, 7081.
119. Koš wetlands, Hornonitrianska kotlina basin, 7277 (Fig. 2).
120. Košiar env. Javorina, Belanské Tatry Mts. NP, 6786.
121. Košiar env. Ždiar, Belanské Tatry Mts. NP, 6787.
122. Košice, Košická kotlina basin, 7293.
123. Košická Belá, Košice env., Čierna hora Mt., 7192.
124. Košický Klečenov, brook, Košická kotlina basin, 7295.
125. Krajné Čierne, stream, Ondavská vrchovina hills, 6695.
126. Kráľovský Chlmec, Východoslovenská rovina flat, 7597.
127. Kráмец nr. Kľačianska dolina valley, Nízke Tatry Mts. NP, 7082.
128. Krásny Brod env. Medzilaborce, spring area, brook, Laborecká vrchovina hills, 6797.
129. Kremnica, Kremnické vrchy Mts., 7279.
130. Kropáčová nr. Horná Lehota, Horehronské podolie basin, 7183.
131. Kružľová, well, brook, Ondavská vrchovina hills, 6695.
132. Kružľovská Huta, Ondavská vrchovina hills, 6692.
133. Kvačianka, Chočské vrchy Mts., 6883.
134. Kyjov, Čergov Mts., 7196.
135. Kysak, spring area, Čierna hora Mt., 7193.
136. Kyslinky, Poľana Mts., 7382.
137. Latorica river basin*.
138. Leles, swamps, Východoslovenská rovina plain, 7598.
139. Levice, Ipeľská pahorkatina hills, 7777.
140. Liešťany, meander, river, Hornonitrianska kotlina basin, 7176.
141. Liptovská Lúžna, brook, Nízke Tatry Mts. NP, 7081.
142. Liptovská Porúbka, Liptovská kotlina basin, 6984.
143. Liptovská Teplička, Nízke Tatry Mts. NP, 7086.
144. Liptovské Kľačany, Liptovská kotlina basin, 6982.
145. Liptovské Revúce, Veľká Fatra Mts. NP, 7080.
146. Liptovský Hrádok, Liptovská kotlina basin, 6984.
147. Litvorový Žľab, Bielovodská dolina valley, Vysoké Tatry Mts. NP, 6786.
148. Lomnístá dolina valley nr. Brezno, Nízke Tatry Mts. NP, 7182.
149. lower Váh river basin*.
150. Lubelňa, Liptovská kotlina basin, 6982.
151. Ľubochnianska dolina valley, Veľká Fatra Mts. NP, 6980.
152. Lúčina, Slanské vrchy Mts., 7194.
153. Lučivná – Sviniarka, spring area, brook, Popradská kotlina basin, 6986.
154. Ludrová, Liptovská kotlina basin, 6982.

155. Lúka, Považský Inovec Mts., 7373.
156. Lukovský vrch hill nr. Ivanovce, Považské podolie basin, 7173.
157. Lupčianska dolina valley nr. Hlinistá, Nízke Tatry Mts. NP, 7082.
158. Lysá Poľana env. Žabí potok brook, Vysoké Tatry Mts. NP, 6786.
159. Lysá, Čergov Mts., 6892.
160. Majdan, brook, wet meadow, Čergov Mts., 6892.
161. Makovce, brook, Ondavská vrchovina hills, 6796.
162. Malá Homôlka well, Vtáčnik Mts., 7377.
163. Malá Lodina, Margecany env. Čierna hora Mts., 7192.
164. Malá Poľana, spring area, brook, Laborecká vrchovina hills, 6796.
165. Malá Studená dolina valley, Vysoké Tatry Mts. NP, 6886.
166. Malá Svišťovka env. Tatranská Lomnica, stream, Vysoké Tatry Mts. NP, 6887.
167. Malacky, Borská nížina lowland, 7568.
168. Malý Studený potok brook nr. Nálepková chata chalet, Vysoké Tatry Mts. NP, 6887.
169. Margecany brook, Čierna hora Mts., 7192.
170. Marheček, Borská nížina lowlands, 7568 (Fig. 3).
171. Marková dolina valley, Starohorské vrchy Mts., 7181.
172. Martin, Turčianska kotlina basin, 6978.
173. Maťovce, Ondavská vrchovina hills, 7498.
174. Meandre, Horehronské podolie basin, 7186.
175. Medvedzie, brook, Laborecká vrchovina hills, 6595.
176. Megova dolina 1 valley, brook, Vtáčnik Mts., 7377.
177. Megova dolina 2 valley, brook, Vtáčnik Mts., 7437.
178. Mengusovce, brook, Vysoké Tatry Mts. NP, 6986.
179. Michal na Ostrave, Podunajská rovina flat, 7971.
180. Michalany, wet meadow, Východoslovenská pahorkatina hills, 7495.
181. Mičová stream, Poľana Mts., 7382.
182. Minčol, well, Čergov Mts. 6792.
183. Mlynica, Popradská kotlina basin, 6887.
184. Mokrá potok brook, Malé Karpaty Mts., 7868.
185. Monkova dolina valley, Belianske Tatry Mts. NP, 6787.
186. Morava river basin*.
187. Morava river, Malé Karpaty Mts., 7569.
188. Moštenica, Zvolenská kotlina basin, 7181.
189. Mrázovce, brook, pasture, Ondavská vrchovina hills, 6896.
190. Muránska Lehota, Stolické vrchy Mts., 7286.
191. Muránska planina plain, spring area, Muránska planina Mts. NP, 7285.
192. Muránska Zdychava, brook, Stolické vrchy Mts., 7286.
193. Nad Šenkárkou env. Limbach, Malé Karpaty Mts., 7669.
194. Nitra – Zobor, Trábeň hill, 7674.
195. Nitra, Nitrianska pahorkatina hills, 7674.
196. Nitrianske Rudno, water reservoir, Hornonitrianska kotlina basin, 7276.
197. Nižná Čabina, stream, Laborecká vrchovina hills, 6897.
198. Nižná Kamenica, swamps, Košická kotlina basin, 7294.
199. Nižná Myšľa, Košická kotlina basin, 7399.
200. Nižná Pisaná, brook, Ondavská vrchovina hills, 6695.
201. Nižné Hágy, Popradská kotlina basin, 6886.
202. Nižné Temnosmrečinske pleso mountain lake, Vysoké Tatry Mts. NP, 6886.
203. Nižný Komárnik, Laborecká vrchovina hills, 6696.
204. Nová Baňa, Vtáčnik Mts., 7577.
205. Nová Lehota, Kremnické vrchy Mts., 7378.
206. Nová Lesná brook, Popradská kotlina basin, 6887.
207. Nová Polianka env. Svidník, brook, wet meadow, Ondavská vrchovina hills, 6795.
208. Nová Sedlica env., Poloniny NP, Bukovské vrchy Mts., 6901.
209. Nová Vieska, Podunajská rovina flat, 8177.
210. Oblazy, Chočské vrchy Mts., 6883.
211. Okružly chrbát saddle env. Úhorná, Volovské vrchy Mts., 7289.
212. Olavec well, Diviacka Nová Ves env. Strážovské vrchy Mts., 7276 (Fig. 4).
213. Olejníkov, Majdan env., Čergov Mts., 6892.
214. Olejníkov, Čergov Mts., 6892.

215. Opatovské jazero lake, Považské podolie basin, 7074.
216. Oravská Jasenica, Oravská kotlina basin, 6682.
217. Oravská Polhora env. Borsučie, stream, Podbeskydská brázda furrow, 6482.
218. Oravské Veselé, Podbeskydská brázda, 6582.
219. Oravský Podzámok, Oravská vrchovina Mts., 6783.
220. Osturňa nr. forest lake, Spišská Magura Mts., 6687.
221. Pálenica, Vysoké Tatry Mts. NP, 6885.
222. Patočiny nr. Korytnica kúpele health resort, Veľká Fatra Mts. NP, 7081.
223. Pavčina Lehota, swamps, Liptovská kotlina basin, 6983.
224. Piesky nr. Banská Bystrica, Starohorské vrchy Mts., 7180.
225. Piešťany, Trnavská pahorkatina hills, 7472.
226. Píla nr. Červený Kameň, Malé Karpaty Mts., 7669.
227. Pilsko, Oravské Beskydy Mts, 6482.
228. Pivovarský potok brook, Malá Fatra Mts. NP, 6978.
229. Ploštín, Liptovská kotlina basin, 6983.
230. Pod Muráňom env. Javorina, Vysoké Tatry Mts. NP, 6786.
231. Pod Príslopom env. Podspády, Belianske Tatry Mts. NP, 6787.
232. Podbanské, Liptovská kotlina basin, 6885.
233. Podbiel, Oravská vrchovina Mts., 6682.
234. Podspády, Belianske Tatry Mts. NP, 6787.
235. Pohronský Bukovec, wet meadow, stream, Nízke Tatry Mts. NP, 7182.
236. Poprad - Dunajec river basin*.
237. Poráč, Volovské vrchy Mts., 7190.
238. Prešov, Košická kotlina basin, 7093.
239. Prievidza, Hornonitrianska kotlina basin, 7277.
240. Príslop, wet meadow, Veporské vrchy Mts., 7484.
241. Prostredná stream env. Hiadel', Nízke Tatry Mts., 7181.
242. Ptrukša, pasture, Východoslovenská rovina plain, 7598.
243. Púchalky, Nízke Tatry Mts. NP, 7084.
244. Račková dolina valley, Západné Tatry Mts. NP, 6884 (Fig. 9).
245. Rajecká Lesná, Žilinská kotlina basin, 6977.
246. Rakovčik, brook, wet meadow, Ondavská vrchovina hills, 6795.
247. Rakytovo brook env. Sihla, Veporské vrchy Mts., 7384.
248. Rastislavice, Nitrianska pahorkatina hills, 7874.
249. Ráztoka env. Bukovecká dolina valley, Horehronské podolie basin, 7182.
250. Rejdová, pasture, stream, Revúcka vrchovina Mts., 7287.
251. Remetské Hámre, Východoslovenská pahorkatina hills, 7199.
252. Revištské Podhradie, Vtáčnik Mts., 7478.
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254. Revúčka, Stolické vrchy Mts., 7286.
255. Rimava river nr. Tisovec, Muránska planina Mts. NP, 7285.
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267. Skalnatý potok brook env. Tatranská Lomnica, Popradská kotlina basin, 6787.
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273. Soblahov, Strážovské vrchy Mts., 7174.
274. Sol', brook, Východoslovenská pahorkatina hills, 7095.

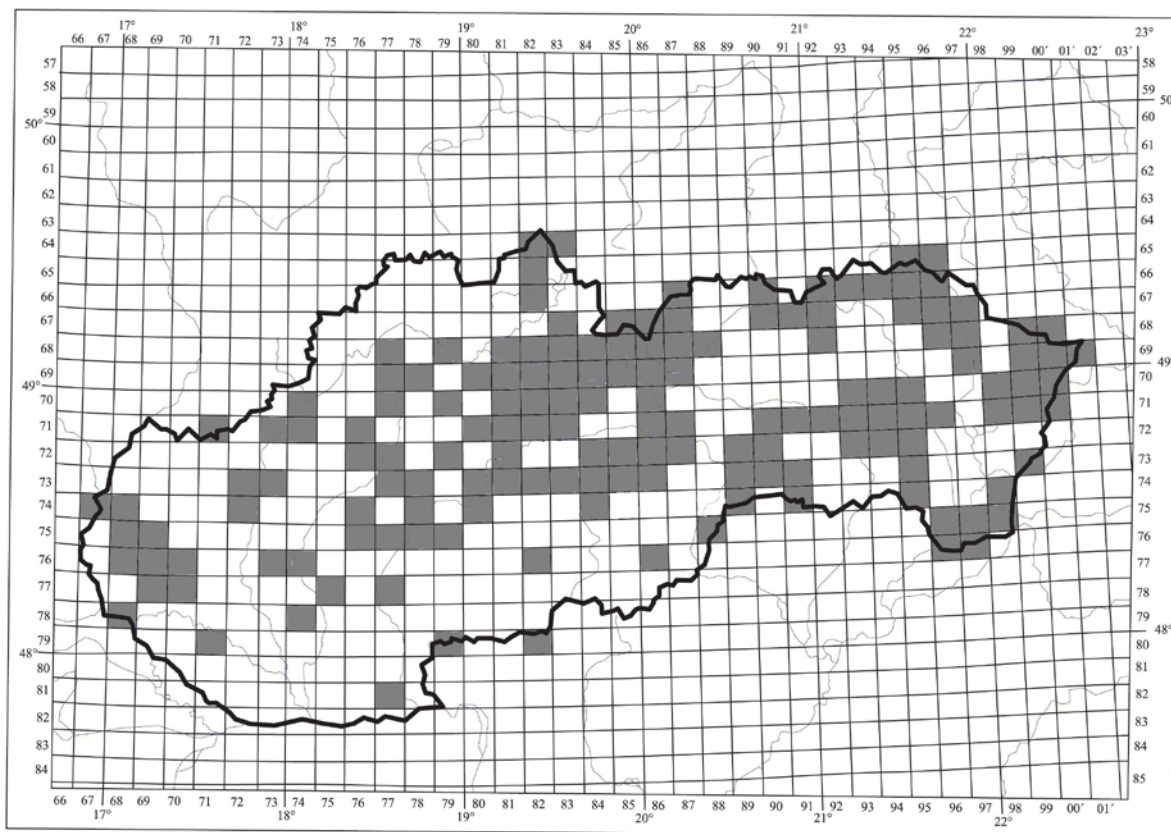
275. Solivar env. Prešov, swamps, Košická kotlina basin, 7093.
276. Soľný potok brook, Oravské Beskydy Mts., 6483.
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287. Staré Hory, Starohorské vrchy Mts., 7180.
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292. Štôla, Popradská kotlina basin, 6986.
293. Stratená jaskyňa cave, Slovenský raj NP, 7195.
294. Štrbské pleso mountain lake, Popradská kotlina basin, 6886.
295. Štrbské Pleso, Popradská kotlina basin, 6886.
296. Streda nad Bodrogom, Východoslovenská rovina plain, 7696.
297. Strieborný potok brook nr. Rimava, Veporské vrchy Mts., 7285.
298. Strmý vrštek hill nr. Dolná Lehota, Horehronské podolie flat, 7183.
299. Studenovodské vodopády waterfalls, stream, Vysoké Tatry Mts. NP, 6887.
300. Stupavský potok brook, Malé Karpaty Mts., 7668.
301. Stužica, Nová Sedlica, Poloniny NP, Bukovské vrchy Mts., 6901.
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304. Sučany, Turčianska kotlina basin, 6879.
305. Suchá dolina valley, Tatranska Kotlina env., Popradská kotlina basin, 6787.
306. Suchý vrch hill env. Javorina, brook, Vysoké Tatry Mts. NP, 6886.
307. Šuja, Žilinská kotlina basin, 6977.
308. Súľov, Strážovské vrchy Mts., 6877.
309. Šúr, swamps, Podunajská rovina flat, 7769.
310. Svätý Kríž, Liptovská kotlina basin, 6983.
311. Sveržov, wet gutter, Ondavská vrchovina hills, 6692.
312. Svidnícke sedlo saddleback env. Vyšný Komárnik, brook, Laborecká vrchovina hills, 6596.
313. Svidník, stream, Ondavská vrchovina hills, 6695.
314. Svišťovský potok brook, Vysoké Tatry Mts. NP, 6886.
315. Svit, Popradská kotlina basin, 6987.
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317. Tatranská Kotlina, swamps, Popradská kotlina basin, 6787.
318. Tatranská Lesná, brook, wet meadow, Popradská kotlina basin, 6887.
319. Tatranská Lomnica, Popradská kotlina basin, 6787.
320. Tatranská Polianka, Popradská kotlina basin, 6887.
321. Tatranské Matliare env. Poprad, Popradská kotlina basin, 6887.
322. Teriakovce, brook, Košická kotlina basin, 7093.
323. Tichá dolina valley env. Podbanské, brook, Liptovská kotlina basin, 6885.
324. Tisovec, Muránska planina Mts. NP, 7385.
325. Tokáreň, spring area, brook, Čergov Mts., 6892.
326. Tokárenský potok brook nr. Ždiar, Belianske Tatry Mts. NP, 6787.
327. Tomanová dolina valley, Západné Tatry Mts. NP, 6785.
328. Topoľa, river, Bukovské vrchy Mts. NP, 6900.
329. Trebatice, Trnavská pahorkatina hills, 7472.
330. Trenčín, Považské podolie basin, 7174.
331. Tri Studničky env. Pavučia dolina valley, brook, Liptovská kotlina basin, 6885.
332. Tri studničky well nr. Podbanské, brook, Liptovská kotlina basin, 6885.
333. Tristárska dolina valley env. Ždiar, stream, Belianske Tatry Mts. NP, 6787.
334. Trstenec well env. Diviacka Nová Ves, Strážovské vrchy Mts., 7276 (Fig. 6).

335. Tuhrina, swamps, Slanské vrchy Mts., 7194.
336. Turiec river basin, Turčianska kotlina basin, 7079.
337. Tužina, Strážovské vrchy Mts., 7077.
338. Ubl'a, Beskydské predhorie Mts., 7100.
339. Ubl'ianka, Bukovské vrchy Mts. NP, 7099.
340. Úhorná, swamps, Volovské vrchy Mts., 7290.
341. Uľanka nr. Suchý vrch hill, Starohorské vrchy Mts., 7180.
342. Ulič, pasture, stream, Bukovské vrchy Mts. NP, 7000.
343. Uličské Krivé, swamps, Bukovské vrchy Mts. NP, 7000.
344. Úplaz env. Javorová dolina valley, Vysoké Tatry Mts. NP, 6786.
345. upper Váh river basin*.
346. Utekáč, Stolické vrchy Mts., 7384.
347. Valaská Dubová, spring area, Chočské vrchy Mts., 6881.
348. Valča river, Turčianska kotlina basin, 6978.
349. Val'kovňa, Horehronské podolie basin, 7186.
350. Vážna nr. Lučatín, brook, Zvolenská kotlina basin, 7281.
351. Velčice, Tríbeč hill, 7575.
352. Veľká Homôlka well, Vtáčnik Mts., 7377.
353. Veľká Pálenica, Vysoké Tatry Mts. NP, 6885.
354. Veľká Svišťovka, Vysoké Tatry Mts. NP, 6787.
355. Veľkolúcky potok brook, Malé Karpaty Mts., 7868.
356. Veľký Brankov, brook, Nízke Tatry Mts. NP, 7081.
357. Veľký Dvor, Slovenský raj NP, 7191.
358. Veľký Horeš, swamps, Východoslovenská rovina plain, 7697.
359. Veľký Sokol, Slovenský raj NP, 7095.
360. Vernár, Slovenský raj NP, 7187.
361. Vihorlat, Vihorlat Mts., 7198.
362. Viničky, Zemplínske vrchy Mts., 7596.
363. Vlčia jaskyňa cave, Slovenský raj NP, 7187.
364. Vlkolíne, Veľká Fatra Mts. NP, 6981.
365. Vojenská jaskyňa cave, Slovenský raj NP, 7187.
366. Vojtasova poľana meadow, Belianske Tatry Mts. NP, 6787.
367. Volica, pasture, Laborecká vrchovina hills, 6897.
368. Vráble, Hronská pahorkatina hills, 7775.
369. Vranov nad Topľou, stream, Východoslovenská pahorkatina hills, 7196.
370. Vrátna dolina valley, Malá Fatra Mts. NP, 7080.
371. Vrbany env. Diviacka Nová Ves, river, Hornonitrianska kotlina basin, 7277.
372. Východná, Liptovská kotlina basin, 6985.
373. Vydrlica stream nr. Kačín, Malé Karpaty Mts., 7768.
374. Vyšná Kamenica, stream, Košická kotlina basin, 7294.
375. Vyšná Maša, Volovské vrchy Mts., 7187.
376. Vyšné Hágy, Popradská kotlina basin, 6886.
377. Vyšné Račkové pleso mountain lake, Západné Tatry Mts. NP, 6884.
378. Vyšné Temnosmrečinske pleso mountain lake, Vysoké Tatry Mts. NP, 6886.
379. Vysoké Tatry Mts. NP *.
380. Zádiel, Slovenský kras karst NP, 7391.
381. Zadná Kopa env. Javorina, brook, Vysoké Tatry Mts. NP, 6786.
382. Zadná Poľana, Poľana Mts., 7382.
383. Zadné Med'odoly, wet meadow, Vysoké Tatry Mts. NP, 6786.
384. Zámotov env. Vranov nad Topľou, brook, Východoslovenská pahorkatina hills, 7095.
385. Žarnovica, Žiarska kotlina basin, 7578.
386. Zboj, stream, Bukovské vrchy Mts. NP, 6900.
387. Zbojnická jaskyňa cave, Malé Karpaty Mts., 7768.
388. Zbojská env. Fabová hoľa Mt., Veporské vrchy Mts., 7285.
389. Ždiar nr. Magura, Podtatranská brázda furrow, 6787.
390. Železná Breznica, brook, Kremnické vrchy Mts., 7380 (Fig. 11).
391. Železná studnička well, Malé Karpaty Mts., 7768.
392. Zemplínske Hámre, brook, Vihorlatské vrchy Mts., 7098.
393. Zimovci, Myjavská pahorkatina hills, 7171.
394. Žitná - Radiša nr. Karolintál, Nitrianska pahorkatina hills, 7276.

395. Zlatá Baňa env. Prešov, Slanské vrchy Mts., 7094.

396. Zvolen, Zvolenská kotlina basin, 7480.

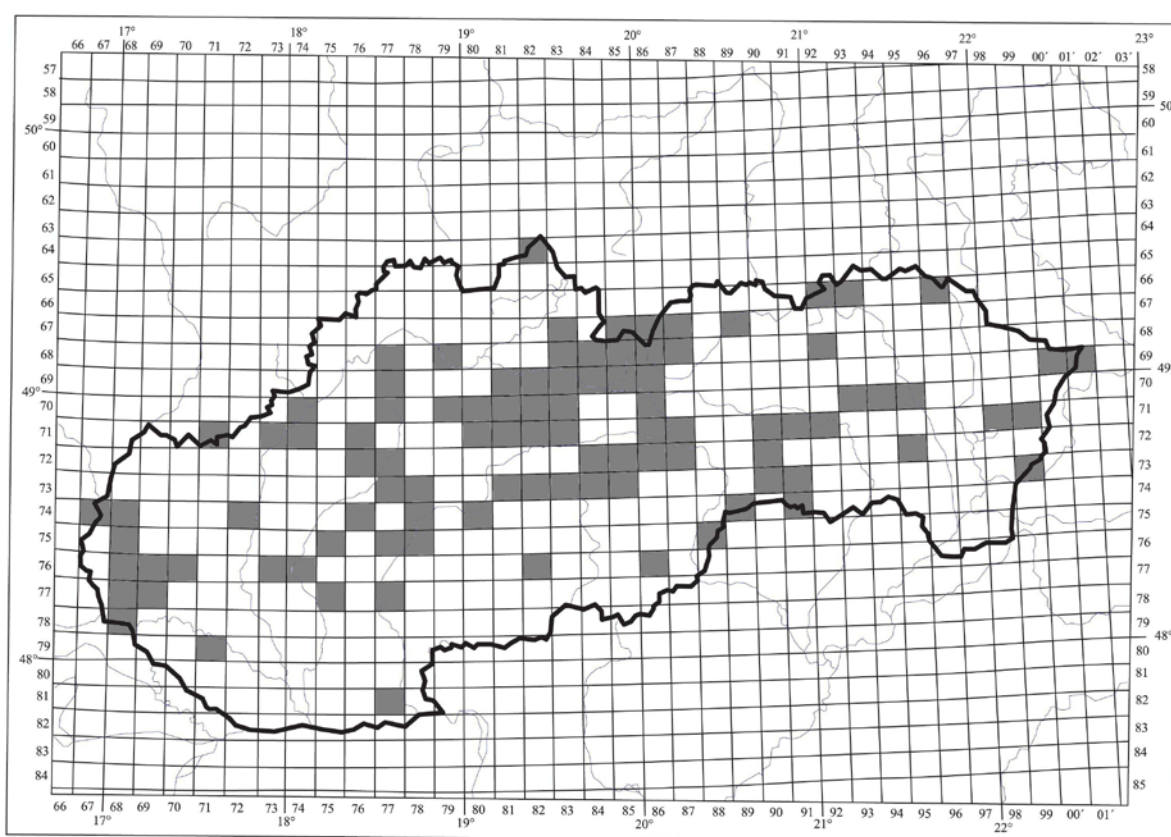
*Note: Bulánková (2003) and Enderlein (1937) published localities, which are difficult to manage in geomorphological units and grid mapping codes of DFS (Bulánková studied water courses, that pass through many grid codes and Enderlein published only the name of the mountain), therefore, collecting sites are reported without this supplement data.



Map 1: Map showing all records of moth flies from Slovakia

(DFS: 6482 – Oravská Polhora, Pilsko, 6483 – Babia hora Mt., Sol'ný potok brook, 6582 – Oravské Veselé, 6595 – Medvedzie, 6596 – Svidnícke sedlo saddleback, 6682 – Biela Orava river, Oravská Jasenica, Podbiel, 6687 – Osturňa, 6690 – Stará Ľubovňa, 6692 – Gerlachov, Kružľová Huta, Sveržov, 6693 – Bardejov, Bardejovské Kúpele, 6694 – Šarišské Čierne, 6695 – Jurkova Voľa, Korejovce, Krajné Čierne, Kružľová, Nižná Pisaná, Svidník, 6696 – Nižný Komárnik, 6783 – Oravský Podzámok, 6785 – Javorov potok brook, Tomanová dolina valley, 6786 – Holica, Javorina, Košiar, Litvorový Žľab, Lysá Poľana, Pod Muráňom, Rozpadliny, Úplaz, Zadná Kopa, Zadné Medodoly, 6787 – Alabastrová jaskyňa cave, Bábí potok brook, Biela, Čierna dolina valley, Dolina 7 prameňov valley, Dolina Bielych ples valley, Eurocamp FICC, Kardolina, Kežmarské Žľaby, Košiar, Monkova dolina valley, Pod Príslopom, Podspády, Skalnatý potok brook, Suchá dolina valley, Tatranská Kotlina, Tatranská Lomnica, Tokárenský potok brook, Tristárska dolina valley, Veľká Svišťovka, Vojtasova poľana meadow, Ždiar, 6790 – Jakubany, 6791 – Čirč, 6792 – Hromacký vrch hill, Minčol, 6795 – Nová Polianka, Rakovčik, 6796 – Bukovce, Makovce, Malá Poľana, 6797 – Krásny Brod, 6800 – Havešová, Jarabá skala rock, 6877 – Súľov, 6879 – Sučany, 6881 – Valaská Dubová, 6882 – Veľký Choč, 6883 – Kvačianka, Oblazy, 6884 – Račková dolina valley, Vyšné Račkové pleso mountain lake, 6885 – Grúnik, Pálenica, Podbanské, Škaredý žľab trough, Tichá dolina valley, Tri Studničky, Veľká Pálenica, 6886 – Biely Váh river, Danielov dom house, Jamy, Malá Studená dolina valley, Nižné Hágy, Nižné Temnosmrečinske pleso mountain lake, Smrekovec, Štart, Štrbské pleso mountain lake, Suchý vrch hill, Svišťovský potok brook, Vyšné Hágy, Vyšné Temnosmrečinske pleso mountain lake, 6887 – Červený potok brook, Dolný Smokovec, Gerlachov, Malá Svišťovka, Malý Studený potok brook, Mlynica, Nová Lesná, Studenovodské vodopády waterfalls, Tatranská Lesná, Tatranská Polianka, Tatranské Matliare, 6888 – Kežmarská Biela Voda stream, 6892 – Baranie, Lysá, Majdan, Olejníkov, Sabinov, Tokáreň, 6896 – Mrázovce, 6897 – Nižná Čabina, 6899 – Starina, 6900 – Hluboký potok brook, Kolbasov, Topoľa, Zboj, 6901 – Nová Sedlica, Stinská slatina meadow, Stuzica, Stuzická rieka stream, 6977 – Rajecká Lesná, Šuja, 6978 – Martin, Pivovarský potok brook, Valča, 6980 – Ľubochnianska dolina valley, 6981 – Bukovinka, Ružomberok, Vlkošinec, 6982 – Kľačianska dolina valley, Liptovské Kľačany, Ľubeľa, Ľudrová, 6983 – Demänovská dolina valley, Dúbrava, Ľľanovo, Ľľanovská dolina valley, Pavčina Lehota, Ploštín, Svätý Kríž, 6984 – Brtkovica, Liptovská Porúbka, Liptovský Hrádok, Stanišovská dolina valley, Stanišovské sedlo saddleback, 6985 – Východná, 6986 – Ľučivná – Svinárka, Mengusovce, Stôla, 6987 – Batizovce, Svit, 6997 – Dedačov, Hankovce, 6999 – Stakčín, 7000 – Ulič, Uličské Krivé, 7074 – Súčanka, 7077 – Kľačno, Tužina, 7079 – Gader, Turiec, 7080 – Liptovské Revúce, Vrátna dolina valley, 7081 – Banská, Červená Jelenec, Haliar, Korytnica, Liptovská Lúžna, Patočiny, Veľký Brankov, 7082 – Kráмец, Ľupčianska dolina valley, 7083 – Jasná, 7084 – Púchalky, 7086 – Liptovská Teplička, 7093 – Dulova Ves, Prešov, Ruská Nová Ves, Solivar, Teriakovce, 7094 – Kokošovce, Zlatá Baňa, 7095 – Čaklov, Sol', Veľký Sokol, Zámuto, 7098 – Belá nad Cirochou, Kamienka, Zemplínske Hámre, 7099 – Ubl'ianka, 7100 – Ubl'a, 7171 – Zimovci, 7173 – Ľukovský vrch hill, 7174 – Soblahov, Trenčín, 7176 – Čierna Lehota, Liešťany, Stavanie, 7180 – Dolný Harmanec, Dolný Jelenec, Haliar, Hiadelská dolina valley, Piesky, Špania Dolina, Staré Hory, Stará Pila, Uľanka, 7181 – Baláže, Bukovec, Donovaly, Hiadelské sedlo saddleback, Hradište, Kochula, Marková dolina valley, Moštenica, Prostredná, 7182 – Bukovecká dolina valley, Čierny

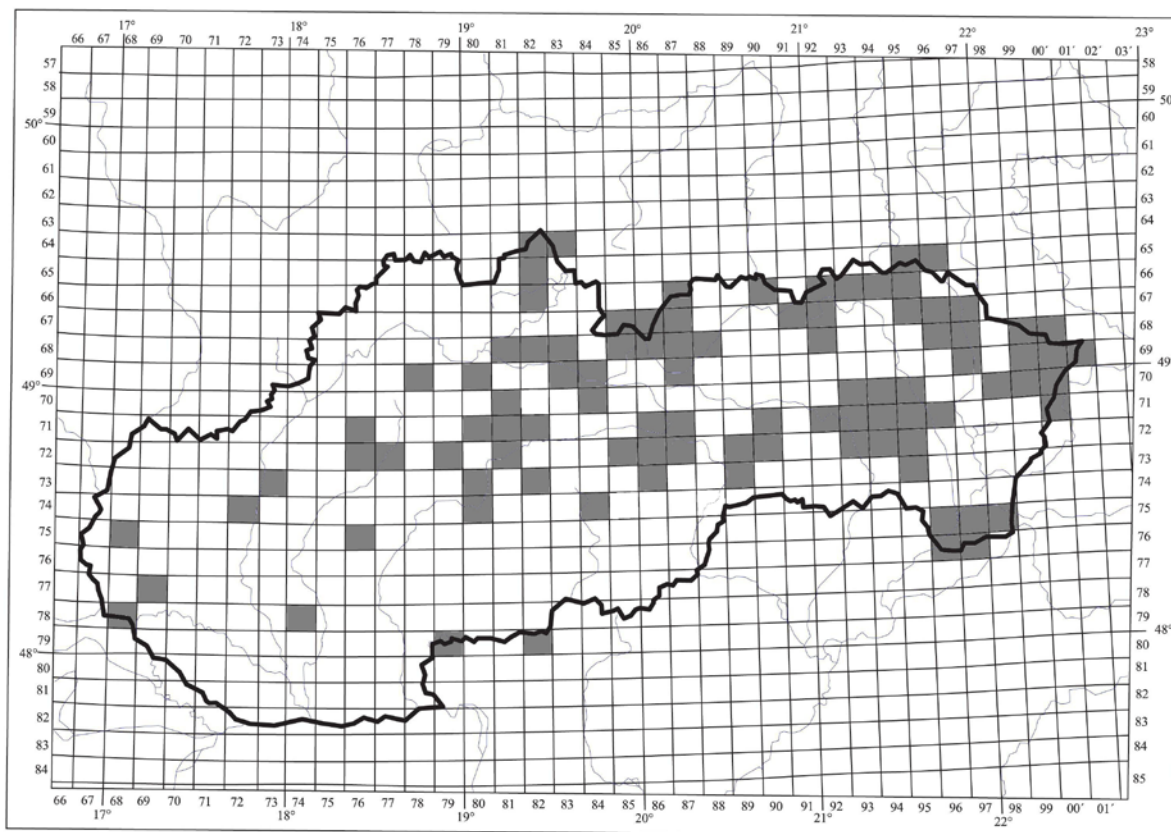
Diel, Lomnistá dolina valley, Pohronský Bukovec, Ráztoka, Sopotnická dolina valley, 7183 – Brezno, Bystrá, Čierny Hron river, Črnné, Horné Lazy, Kropáčová, Strmý vrštek hill, Tále, 7186 – Havraník, Meandre, Vaľkovňa, 7187 – Dobšinská ľadová jaskyňa cave, Vernár, Vlčia jaskyňa cave, Vojenská jaskyňa cave, Vyšná Maša, 7190 – Poráč, Rudňany, 7191 Veľký Dvor, 7192 – Košická Belá, Malá Lodina, Margecany, 7193 – Kysak, 7194 – Červenica, Lúčina, Tuhrina, 7195 – Banské, Juskova Voľa, Stratená jaskyňa cave, 7196 – Kyjov, Vranov nad Topľou, 7198 – Vihorlat, 7199 – Remetské Hámre, 7276 – Diviacka Nová Ves, Nitrianske Rudno, Olavec, Trstenec, Žitná – Radiša, 7277 – Koš, Prievdza, Vrbany, 7279 – Kremnica, Turiec, 7281 – Vážna, 7284 – Antalova studnička well, Bánovo, Dlhý Grúň, 7285 – Hrdzavá, Muránska planina plain, Rimava, Strieborný potok brook, Zbojská, 7286 – Muránska Lehota, Muránska Zdychava, Revúčka, 7287 – Čierna Lehota, Rejdová, Slanská dolina valley, 7289 – Okrúhly chrbát ridge, 7290 – Stará Voda, Úhorná, 7293 – Čermeľ, Kavečany, Košice, 7294 – Herľany, Nižná Kamenica, 7295 – Košický Klečenov, Sečovce, 7372 – Dudváh, 7373 – Lúka, 7377 – Malá Homôľka, Megova dolina valley, Veľká Homôľka, 7378 – Nová Lehota, 7380 – Železná Breznica, 7381 – Hrochotská dolina valley, 7382 – Hučava, Kyslinky, Mičová, Zadná Poľana, 7383 – Hriňová, Hrončeký grúň slope, Spády, 7384 – Čierny Hron river, Rakytovo, Utekáč, 7385 – Furmanec river, Tisovec, 7386 – Revúca, 7389 – Rožňava, 7390 – Hrhov, 7391 – Zádiel, 7395 – Slančík, 7399 – Nižná Myšľa, 7467 – Megova dolina valley, 7468 – Šišulákov mlyn mill, 7472 – Piešťany, Trebatice, 7476 – Horáreň Sliače, 7478 – Revišské Podhradie, 7480 – Zvolen, 7484 – Príslop, 7489 – Čičarovce, 7491 – Hosťovce, 7495 – Michalany, 7498 – Kapušianske Kľačany, Maťovce, 7568 – Malacky, Marheček, 7569 – Morava, 7575 – Veľčice, 7576 – Hrušov, 7577 – Brehy, Nová Baňa, 7578 – Žarnovica, 7588 – Bretka, 7596 – Somotor, Viničky, 7597 – Kráľovský Chlmec, 7598 – Leles, Ptrukša, 7668 – Stupavský potok brook, 7669 – Gidra, Kamenný potok brook, Nad Šenkárou, Píla, 7670 – Dubová, 7673 – Bábsky les forest, 7674 – Nitra – Zobor, Nitra, 7682 – Senné, 7686 – Rimavská Sobota, 7696 – Streda nad Bodrogom, 7697 – Veľký Horeš, 7768 – Vydrica, Zbojnická jaskyňa cave, Železná studnička well, 7769 – Šúr, 7775 – Vrāble, 7777 – Levice, 7868 – Bratislava, Dúbravka, Fialkový potok brook, Mokry potok brook, Veľkolúcky potok brook, 7874 – Rastislavice, 7971 – Michal na Ostrave, 7979 – Ipel', 7982 – Brusno, 8177 – Nová Vieska).



Map 2: Map showing literary records of moth flies from Slovakia

(DFS: 6482 – Pilsko, 6692 – Gerlachov, Kružľovská Huta, 6693 – Bardejov, 6696 – Nižný Komárník, 6783 – Oravský Podzámok, 6785 – Javorov potok brook, 6786 – Javorina, Košiar, Litvorový Žľab, Pod Muráňom, Rozpadliny, Úplaz, Zadná Kopa, 6787 – Babí potok brook, Čierna dolina valley, Dolina 7 prameňov valley, Dolina Bielych ples valley, Kardolína, Kežmarské Žľaby, Košiar, Monkova dolina valley, Pod Príslopom, Podspády, Suchá dolina valley, Tatrská Kotlina, Tatrská Lomnica, Tokárenský potok brook, Vojtasova poľana meadow, Ždiar, 6790 – Jakubany, 6877 – Súľov, 6879 – Sučany, 6884 – Račková dolina valley, Vyšné Račkové pleso mountain lake, 6885 – Podbanské, Tichá dolina valley, Tri studničky well, 6886 – Danielov dom house, Jamy, Nižné Hágy, Nižné Temnosmrečinske pleso mountain lake, Smrekovec, Štart, Štrbské pleso mountain lake, Suchý vrch hill, Vyšné Hágy, Vyšné Temnosmrečinske pleso mountain lake, 6887 – Gerlachov, Mlynica, Tatranské Matliare, 6892 – Majdan, 6900 – Hluboký potok brook, 6901 – Nová Sedlica, Stuzica, Stuzická rieka stream, 6977 – Rajecká Lesná, Šuja, 6978 – Valča, 6981 – Bukovinka, Ružomberok, Vlkolinec, 6982 – Kľačianska dolina valley, Liptovské Kľačany, Lubeľa, Ludrová, 6983 – Demánovská dolina valley, Dúbrava, Iľanovo, Iľanovská dolina valley, Pavčina Lehota, Ploštín, Svätý Kríž, 6984 – Brtkovica, Liptovská Porúbka, Liptovský Hrádok, Stanišovská dolina valley, Stanišovské sedlo saddleback, 6985 – Východná, 6986 – Mengusovce, Štôla, 7074 – Súčanka, 7077 – Kľačno, Tužina, 7079 – Gader, Turiec, 7080 – Liptovské Revúce, Vrátna dolina valley, 7081 – Červená Magura, Korytnica, Patočiny, 7082 – Kráľovec, Lupčianska dolina valley, 7083 – Jasná, 7086 – Liptovská Teplička, 7093 – Dulova Ves, Solivar, 7094 – Zlatá Baňa, 7095 – Veľký Sokol, 7171 – Zimovci, 7173 – Lukovský vrch hill, 7174 – Soblahov, Trenčín, 7176 – Čierna Lehota, Stavanie, 7180 – Dolný Harmanec, Dolný Jelenec, Haliar, Hiadeľská dolina valley, Piesky, Špania Dolina, Staré Hory, Uľanka, 7181 – Baláže, Bukovec, Donovaly, Hiadelské sedlo saddleback, Hradište, Kochula, Marková dolina valley, Moštenica, Prostredná, 7182 – Bukovecká dolina valley, Lomnistá dolina valley, Pohronský Bukovec, Ráztoka, Sopotnická dolina valley, 7183 – Brezno, Bystrá, Čierny Hron river, Črnné, Horné Lazy, Kropáčová, Strmý vrštek hill, Tále, 7186 – Meandre, Vaľkovňa, 7187 – Dobšinská ľadová jaskyňa

cave, Vernár, Vyšná Maša, 7190 – Poráč, 7191 Veľký Dvor, 7192 – Košická Belá, Malá Lodina, Margecany, 7198 – Vihorlat, 7199 – Remetské Hámre, 7276 – Diviacka Nová Ves, 7276 Žitná – Radiša, 7277 – Vrbany, 7279 – Turiec, 7284 – Antalova studnička well, Bánovo, Dlhý Grúň, 7285 – Muránska planina plain, Rimava, Zbojská, 7286 – Revúčka, 7287 – Čierna Lehota, 7290 – Stará Voda, 7295 – Sečovce, 7372 – Dudváž, 7377 – Malá Homôlka, Megova dolina valley, Veľká Homôlka, 7378 – Nová Lehota, 7381 – Hrochotská dolina valley, 7382 – Hučava, Kyslinky, Mičová, Zadná Poľana, 7383 – Hriňová, Hrončeský grúň slope, Spády, 7384 – Čierny Hron, Rakytovo, Utekáč, 7385 – Furmanec river, Tisovec, 7390 – Hrhov, 7391 – Zádiel, 7399 – Nižná Mýšľa, 7467 – Megova dolina valley, 7468 – Šišulákov mlyn mill, 7472 – Piešťany, 7476 – Horáreň Sliache, 7478 – Revišské Podhradie, 7480 – Zvolen, 7489 – Čičarovce, 7491 – Host'ovce, 7568 – Malacky, 7569 – Morava, 7575 – Veľčice, 7577 – Brehy, Nová Baňa, 7578 – Žarnovica, 7588 – Bretka, 7668 – Stupavský potok brook, 7669 – Gidra, Kamenný potok brook, Nad Šenkárou, Pila, 7670 – Dubová, 7673 – Bábsky les forest, 7674 – Nitra – Zobor, Nitra, 7682 – Senné, 7686 – Rimavská Sobota, 7768 – Vydrice, Zbojnica jaskyňa cave, Železná studnička well, 7769 – Šúr, 7775 – Vráble, 7777 – Levice, 7868 – Bratislava, Fialkový potok brook, Mokrý potok brook, Veľkolúcky potok, 7971 – Michal na Ostrave, 8169 – Bukovinka, 8177 – Nová Vieska).



Map 3: Map showing records of new sampled sites of moth flies from Slovakia

(DFS: 6482 – Oravská Polhora, 6483 – Babia hora Mt., Solný potok brook, 6582 – Oravské Veselé, 6595 – Medvedzie, 6596 – Svidnícke sedlo saddleback, 6682 – Biela Orava river, Oravská Jasenica, Podbiel, 6687 – Osturňa, 6690 – Stará Ľubovňa, 6692 – Gerlachov, Sveržov, 6693 – Bardejovské Kúpele, 6694 – Šarišské Čierne, 6695 – Jurkova Voľa, Korejovce, Krajné Čierne, Kružlová, Nižná Pisaná, Svidník, 6785 – Tomanová dolina valley, 6786 – Holica, Lysá Poľana, Úplaz, Zadná Kopa, Zadné Medodoly, 6787 – Alabastrová jaskyňa cave, Biela, Čierna dolina valley, Eurocamp FICC, Skalnatý potok brook, Tatranská Kotlina, Tristárska dolina valley, Veľká Svišťovka, Ždiar, 6791 – Čirč, 6792 – Hromacký vrch hill, Minčol, 6795 – Nová Polianka, Rakovčík, 6796 – Bukovce, Makovce, Malá Poľana, 6797 – Krásny Brod, 6800 – Havešová, Jarabá skala rock, 6881 – Valaská Dubová, 6882 – Veľký Choč, 6883 – Kvačianka, Oblazy, 6885 – Grúnik, Pálenica, Škaredý žľab trough, Tri Studničky well, Veľká Pálenica, 6886 – Biely Váh river, Malá Studená dolina valley, Suchý vrch hill, Svišťovský potok brook, 6887 – Červený potok brook, Dolný Smokovec, Malá Svišťovka, Malý Studený potok brook, Nová Lesná, Studenovodské vodopády waterfalls, Tatranská Lesná, Tatranská Polianka, 6888 – Kežmarská Biela Voda stream, 6892 – Baranie, Lysá, Majdan, Olejníkov, Sabinov, Tokáreň, 6896 – Mrázovce, 6897 – Nižná Čabina, 6899 – Starina, 6900 – Kolbasov, Topoľa, Zboj, 6901 Nová Sedlica, Stinská slatinka meadow, 6978 Martin, Pivovarský potok brook, 6980 – Ľubochňianska dolina valley, 6983 – Pavčina Lehota, 6984 – Liptovský Hrádok, Stanišovské sedlo saddleback, 6986 – Lučivná – Svinárka, Mengusovce, 6987 – Batizovce, Svät, 6997 – Dedačov, Hankovce, 6999 – Stakčín, 7000 – Ulič, Uličské Krivé, 7081 – Banská, Liptovská Lúžna, Veľký Brankov, 7084 – Púchalky, 7093 – Dulova Ves, Prešov, Ruská Nová Ves, Solivar, Teriakovce, 7094 – Kokošovce, 7095 – Čaklov, Sol, Zámutov, 7098 – Vážna, 7285 – Hrdzavá, Kamienka, Zemplínske Hámre, 7099 – Ubľianka, 7100 – Ubľa, 7176 – Liešťany, 7180 – Stará Pila, 7181 – Baláže, Donovaly, 7182 – Čierny Diel, Pohronský Bukovec, 7186 – Havraník, 7187 – Vlčia jaskyňa cave, Vojenská jaskyňa cave, 7190 – Rudňany, 7192 – Margecany, 7193 – Kysak, 7194 – Červenica, Lúčina, Tuhrina, 7195 – Banské, Juskova Voľa, Stratená jaskyňa cave, 7196 – Kyjov, Vranov nad Topľou, 7276 – Diviacka Nová Ves, Nitrianske Rudno, Olavec, Trstenec, 7277 – Koš, Prievídza, Vrbany, 7279 – Kremnica, 7281 – Vážna, 7285 – Hrdzavá, Muránska planina plain, Strieborný potok brook, 7286 – Muránska Lehota, 7286 – Muránska Zdychava, 7287 – Rejdová, Slanská dolina valley, 7289 – Okružly chrbát, 7290 – Úhorná, 7293 – Čermeľ, Kavečany, Košice, 7294 – Herľany, Nižná Kamenica, 7295 – Košický Klečenov, Sečovce, 7373 – Lúka, 7380 – Železná Breznica, 7382 – Hučava, 7386 – Revúčka, 7389 – Rožňava, 7395 – Slančík, 7472 – Piešťany, Trebatice, 7480 – Zvolen, 7484 – Príslop, 7495 – Michalany, 7498 – Kapušianske Kľačany, Maťovce, 7568 – Marheček, 7576 – Hrušov, 7596 – Somotor, Viničky, 7597 – Kráľovský Chlmec, 7598 – Leles, Ptruksa, 7696 – Streda nad Bodrogom, 7697 – Veľký Horeš, 7769 – Šúr, 7868 – Dúbravka 7874 – Rastislavice, 7979 – Ipeľ, 7982 – Brusno).



Fig 1: Hrušov, wetlands (photo by Marek Svitok).



Fig 2: Koš, wetlands (photo by Marek Svitok).



Fig 3: Marheček, wetlands (photo by Marek Svitok).

Results

PSYCHODIDAE SYCORACINAE

Sycorax Haliday in Curtis, 1839

1. *Sycorax silacea* Haliday in Curtis, 1839

Published records: Dobšinská ľadová jaskyňa cave (48) (Halgoš 1974, 1984); Baláže (6) (Ježek 1993); Hornád river basin (80), upper Váh river basin (345) (larvae, Bulánková 2003); Spády waterfall (279) (Ježek 2009a); Šišulákov mlyn mill (266) (Straka & Majzlan 2013).

Material examined: Košická kotlina basin, **Herľany** (73), 26.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20609, NMPC, veg.: *Fagus*, *Rosa*, *Rubus*, *Asperula*, *Urtica*.

Comments: A locally common European species.

2. *Sycorax slovac* Halgoš, 1975

Published records: Soblahov (273) (Halgoš 1975, 1984); lower Váh river basin (149) (larvae, Bulánková 2003).

Comments: Known only from Slovakia. In Jedlička & Stloukalová (2001): vulnerable species, assessment of the current conservation status: CR.

3. *Sycorax tonnoiri* Jung, 1954

Published records: Veľký Sokol (359) (Halgoš 1975, 1984); Liptovský Hrádok (146), Tatranská Kotlina (317) (Ježek 1993); Hornád river basin (80), upper Váh river basin (345) (larvae, Bulánková 2003); Spády waterfall (279) (Ježek 2009a).

Material examined: Popradská kotlina basin, **Skalnatý potok brook** env. Tatranská Lomnica (267), 8.vii.1987, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19956, NMPC, veg.: *Picea*, *Rubus*, *Petasites*, *Geum*; Stolické vrchy Mts., **Slanská dolina** valley env. Rejdová (271), 17.vii.1989, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20661, NMPC, veg. *Picea*, *Alnus*, *Rubus*, *Filipendula*, *Scirpus*, Pteropsida.

Comments: A rare European species. The assessment of the current conservation status: CR.

TRICHOMYIINAE

Trichomyia Haliday in Curtis, 1839

4. *Trichomyia urbica* Haliday in Curtis, 1839

Published records: Vráble (368) (Szabó 1965a,b, Halgoš 1984); Zbojnická jaskyňa cave (387) (Košel & Horváth 1996).

Comments: Not common European species. In Jedlička & Stloukalová (2001) vulnerable, the assessment of the current conservation status: CR.

PSYCHODINAE MORMIINI MORMIINA

Lepimormia Enderlein, 1937

5. *Lepimormia palposa* (Tonnoir, 1919)

Published record: Vysoké Tatry Mts. (379) (Enderlein 1937 – as *tatrica*, more see Ježek 1994).

Comments: A very rare European species, the assessment of the current conservation status: CR.

***Oomormia* Ježek, 1984**

6. *Oomormia andrenipes* (Strobl, 1910)

Published records: Babí potok brook (3), Kardolina (108), Pod Muráňom (230), Rozpadliny (258), Suchá dolina valley (305), Suchý vrch hill (306), Úplaz (344), Zadná Kopa (381), Ždiar (389), (Ježek 1984b); Baláže (6), Črnné (42), Kľačianska dolina valley (112) (Ježek 1993).

Comments: A quite rare European species. The assessment of the current conservation status: CR.

***Promormia* Ježek, 1983**

7. *Promormia eatoni* (Tonnoir, 1940)

Published records: Rimava river (255) (Ježek 2006a); Hrochotská dolina valley (87) (Ježek 2009a).

Material examined: Veporské vrchy Mts., **Strieborný potok** brook nr. Rimava (297), 16.x.1991, 1M, SW, P. Chvojka leg., J. Ježek det., slide Inv. No. 20400, NMPC.

Comments: A quite rare European species. The assessment of the current conservation status: EN.

8. *Promormia silesiensis* Ježek, 1983

Published records: Rimava river (255) (Ježek 2006a); Hrochotská dolina valley (87) (Ježek 2009a).

Material examined: Veporské vrchy Mts., **Strieborný potok** brook nr. Rimava (297), 16.x.1991, 1M, SW, P. Chvojka leg., J. Ježek det., slide Inv. No. 20399, NMPC.

Comments: A rare European species, the assessment of the current conservation status: CR.

***Taramormia* Ježek, 1984**

9. *Taramormia tatrica* Ježek, 1984

Published records: Štrbské pleso mountain lake (294) (Szabó 1965b, Halgoš 1984); Košiar env. Ždiar (121), Zadná Kopa (381) (Ježek 1984b).

Comments: Probably rare central European species, known only from Slovakia and Czech Republic. The assessment of the current conservation status: CR.

***Yomormia* Ježek, 1984**

10. *Yomormia furva* (Tonnoir, 1940)

Published record: Mokrá potok brook (184) (Ježek et al. 2012).

Comments: Not common European species.

PARAMORMIINI

PARAMORMIINA

***Clogmia* Enderlein, 1937**

11. *Clogmia albipunctata* (Williston, 1893)

Published records: Vrbany (371) (Ježek et al. 2012, Oboňa & Ježek 2012a,b); Diviacka Nová Ves (46), Zvolen (396) (Oboňa & Ježek 2012b).

Material examined: Trnavská pahorkatina hills, **Piešťany** town (225), 29.viii.2012, 18.vii.-31.viii.2013, 1.-30.ix.2013, 3M, HC, L. Balážiová leg., J. Ježek det., slides Inv. No. 20227, 20228 and 20229, NMPC; Trnavská pahorkatina hills, **Trebatice** (329), 30.viii.2012, HC, 1M, M. Baláž leg., J. Ježek det., slide Inv. No. 20246, NMPC; Zvolenská kotlina basin, **Zvolen** bus station (396), 297 m a.s.l., 15.viii.2013 and 23.ix.2013, 2M, HC, J. Oboňa leg., J. Ježek det., slides Inv. No. 20237 and 20238, NMPC; Hornonitrianska kotlina basin, **Prievidza** town (239), 3.ix.2013, 1F, HC, J. Oboňa leg., J. Ježek det., slide Inv. No. 20241, NMPC; Košická kotlina basin, **Košice** town (122), ix.2013, 1F, 1M, HC, K. Ox leg., J. Ježek det., slides Inv. No. 20240 and 20242, NMPC; Nitrianska pahorkatina hills, **Rastislavice** (248), 28.ix.2013, 7.x.2013, 1M, 1F, HC, P. Filipovič leg., J. Ježek det., slide Inv. No. 20244 and 20245, NMPC; Košická kotlina basin, **Prešov** bus station (238), 23.x.2013, 1F,

HC, J. Oboňa leg., J. Ježek det., slide Inv. No. 20247, NMPC; Ondavská vrchovina hills, **Maťovce** (173), 27.x.2013, 1M, HC, M. Dobranský leg., J. Ježek det., slide Inv. No. 20239, NMPC.
Comments: Expansive, often synanthropic circumtropical and circumsubtropical species.

***Jungiella* Vaillant, 1972**
***Jungiella* s. str.**

12. *Jungiella (Jungiella) hygrophila* Ježek, 1987

Material examined: Strážovské vrchy Mts., Diviacka Nová Ves env., well – **Olavec** (212 – Fig. 4, Map 4), 48° 45' 10.8 " N, 18° 29' 23.9" E, 290 m a.s.l., 22.vi.2012, SW, 1M, J. Oboňa leg., J. Ježek det., slide Inv. No. 20064, NMPC.

Distribution: Probably a central European species, uncommon, known only from the Czech Republic and Poland (Ježek 1987, Wagner 2011, Ježek & Omelková 2012). **New species for Slovakia.**

13. *Jungiella (Jungiella) soleata* (Walker, 1856)

Published records: Liptovské Kľačany (144), Lubel'a (150) (Ježek 1993); Dudváh (58) (Straka 2009); Lukovský vrch hill (156) (Straka 2010); Šúr (309) (Straka & Majzlan 2010a); Šišulákov mlyn mill (266) (Straka & Majzlan 2013).

Comments: A common species distributed almost throughout Europe. Known from lowlands to mountains in shaded habitats with decaying organic matter.

14. *Jungiella (Jungiella) valachica* (Vaillant, 1963)

Material examined: Strážovské vrchy Mts., Diviacka Nová Ves env., well – **Olavec** (212 – Fig 4, Map 4), 48° 45' 10.8 " N, 18° 29' 23.9" E, 290 m a.s.l., 22.vi.2012, SW, 1M, J. Oboňa leg., J. Ježek det., slide Inv. No. 20063, NMPC.

Distribution: A quite sporadic species, known from Poland, Czech Republic, Austria, Switzerland (Krek 1999, Wagner 2011, Ježek & Omelková 2012), and previous records from Bosnia and Herzegovina, Croatia, Serbia (Kvifte et al. 2013). **New species for Slovakia.**

***Psychocha* Ježek, 1983**

15. *Jungiella (Psychocha) acuminata* (Szabó, 1960)

Published records: Súľov (308) (larvae, Rozkošný 1971, Halgoš 1984); Šišulákov mlyn mill (266) (Straka & Majzlan 2013).

Comments: A probably not common European species.

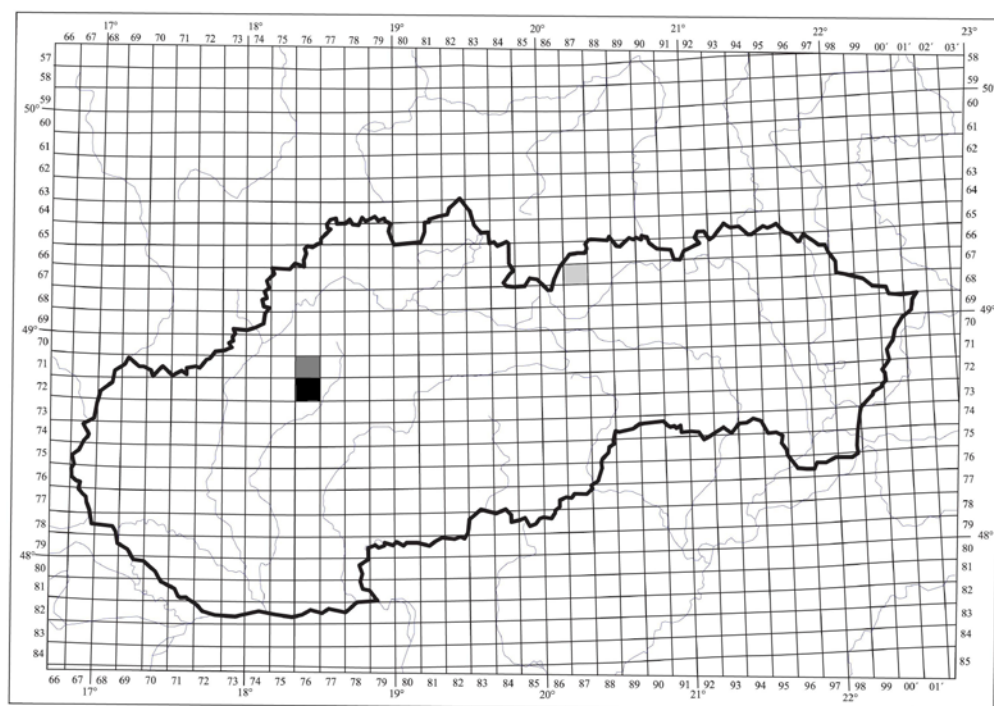
16. *Jungiella (Psychocha) laminata* (Szabó, 1960)

Material examined: Strážovské vrchy Mts., Diviacka Nová Ves env., well – **Olavec** (212 – Fig. 4, Map 4), 48° 45' 10.8 " N, 18° 29' 23.9" E, 290 m a.s.l., 22.vi.2012, SW, 1M, J. Oboňa leg., J. Ježek det., slide Inv. No. 20031, NMPC.

Distribution: A very rare central European species, known only from the Czech Republic, Germany, Hungary and Serbia (Ježek 2003, Ježek & Schacht 2006, Wagner 2011, Ježek & Omelková 2012). **New species for Slovakia.** The assessment of the current conservation status: CR.



Fig 4: Olavec, well and small brook near village Diviacka Nová Ves (photo by Jozef Oboňa).



Map 4: Map showing Slovakian records of *Jungiella* (*Jungiella*) *hygrophila* Ježek, 1987, *J. (J.) valachica* (Vaillant, 1963) and *J. (Psychocha) laminata* (Szabó, 1960), all black square (DFS: 7276 – Olavec), *Parajungiella prikryli* Ježek, 1999 dark gray square (DFS: 7176 – Liešťany) and *Apsycha pusilla* (Tonnoir, 1922) light gray square (DFS: 6787 – Ždiar).

Lepiseodina Enderlein, 1937

17. *Lepiseodina tristis* (Meigen, 1830)

Published records: Diviacka Nová Ves (46), Vrbany (371) (Oboňa a Ježek 2012b).

Material examined: Strážovské vrchy Mts., **Diviacka Nová Ves** (46), ii.-v.2013, all reared from *Quercus* and *Fagus*, 20.ii.2013, 1M, reared from *Ulmus* sp., J. Oboňa leg., J. Ježek det., slides Inv. No. 20067, 20076, 20077, 20079, 20080, 20288, 20243, NMPC.

Comments: A rare dendrolimnobia species. The assessment of the current conservation status: CR.

Panimerus Eaton, 1913

18. *Panimerus notabilis* (Eaton, 1893)

Published records: Oravský Podzámok (219) (Szabó 1965a,b, Halgoš 1984); Javorina (101), Špania Dolina (280) (Ježek 1993); upper Váh river basin (345) (larvae, Bulánková 2003).

Material examined: Východoslovenská pahorkatina hills, **Vranov nad Topľou** (369), 25.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20259, NMPC, veg.: *Salix*, *Juglans*, *Alnus*, *Cerasus*, *Urtica*, *Chelidonium*; Východoslovenská rovina flat, **Kráľovský Chlmec** (126), 29.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20341, NMPC, veg.: *Salix*, *Populus*, *Alisma*, *Ranunculus*, *Carex*; Východoslovenská pahorkatina hills, **Michal'any** (180), 23.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20230, NMPC, veg.: *Salix*, *Populus*, *Urtica*, *Heracleum*, *Plantago*, *Ranunculus*, *Lychnis*; Laborecká vrchovina hills, **Krásny Brod** env. Medzilaborce, brook, well (128), 10.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20116, NMPC, veg.: *Alnus*, *Salix*, *Corylus*, *Rubus*, *Caltha*, *Mentha*, *Carex*, *Dipsacus*, Musci.

Comments: A common species known from Europe and Iran.

Parajungiella Vaillant, 1972

19. *Parajungiella consors* (Eaton, 1893)

Published record: Nižná Myšľa (199) (Ježek 1984a).

Comments: A rare European species, distributed from Great Britain to Denmark, Belgium, the Netherlands, Czech Republic and Slovakia.

20. *Parajungiella ellisi* (Withers, 1987)

Published record: Tatranské Matliare (321) (Ježek 2003).

Comments: A rare European and West-Siberian species, the assessment of the current conservation status: CR.

21. *Parajungiella longicornis* (Tonnoir, 1919)

Published records: Bystrá (29), Dúbrava (56), Javorina (101), Liptovské Kľačany (144), Lubel'a (150), Pavčina Lehota (223), Tatranská Lomnica (319) (Ježek 1993); Hrochotská dolina valley (87) (Ježek 2009a).

Material examined: Košická kotlina basin, **Dulova Ves** nr. Prešov (59), 23.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19979, NMPC, veg.: *Quercus*, *Scirpus*, *Urtica*, *Ranunculus*, *Rosa*; Východoslovenská pahorkatina hills, **Čaklov** (30), 25.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20403, NMPC, veg.: *Populus*, *Juglans*, *Sambucus*, *Crataegus*, *Urtica*, *Lappa*; Východoslovenská rovina flat, **Sečovce** env. Trebišov (264), 27.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19959, NMPC, veg.: *Alnus*, *Salix*, *Lappa*, *Symphytum*, *Ranunculus*; Východoslovenská pahorkatina hills, **Michal'any** (180), 23.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20234, NMPC, veg.: *Salix*, *Populus*, *Urtica*, *Heracleum*, *Plantago*, *Ranunculus*, *Lychnis*; Liptovská kotlina basin, **Pavčina Lehota** nr. Liptovský Mikuláš (223), 10.vi.1987, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19943, NMPC, veg.: *Salix*, *Rubus*, *Caltha*, *Alisma*, *Filipendula*, *Geum*, *Urtica*; Popradská kotlina basin, **Lučivná – Svinárka** (153), 938 m a.s.l., 13.vii.1987, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19940, NMPC, veg.: *Picea*, *Alnus*, *Caltha*, *Filipendula*, *Equisetum*; Podunajská rovina flat, **Šúr** (309), 7.viii.2009, MT, 1M, J. Lukáš leg., J. Ježek det., slide Inv. No. 20638, NMPC; Hornonitrianska kotlina basin, **Liešťany**, meanders of a brook (140), 23.v.2013, SW, 1 M, J. Oboňa leg., J. Ježek det., slide Inv. No. 20074, NMPC.

Comments: Generally a very common European and Westsiberian species.

22. *Parajungiella prikryli* Ježek, 1999

Material examined: Hornonitrianska kotlina basin, **Liešťany**, meanders of a brook (140 – Map 4), 48° 50' 41.3" N 18° 28' 14.4" E, 290 m a.s.l., 23.v.2013, SW, 1M, J. Oboňa leg., J. Ježek det., slide Inv. No. 20073, NMPC.

Distribution: Probably a rare central European species, known only from the Czech Republic - Ježek (1999), Ježek & Omelková (2012). **New species for Slovakia.** The assessment of the current conservation status: VU.

23. *Parajungiella pseudolongicornis* (Wagner, 1975)

Published records: Sečovce (264) (Ježek 2003); Hrochotská dolina valley (87) (Ježek 2009a).

Material examined: Východoslovenská rovina plain, **Kapušíanske Kľačany** (107), 29.v.1979, SW, 1M, J. Ježek leg., det., slide Inv. No. 20588, NMPC, veg.: *Quercus*, *Fraxinus*, *Populus*, *Salix*, *Iris*; Liptovská kotlina basin, **Pavčina Lehota** nr. Liptovský Mikuláš (223), 10.vi.1987, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19951, NMPC, veg.: *Salix*, *Rubus*, *Caltha*, *Alisma*, *Filipendula*, *Geum*, *Urtica*.

Comments: A rare European species, the assessment of the current conservation status: CR.

24. *Parajungiella serbica* (Krek, 1985)

Published record: Lubeľa (149) (Ježek 2003).

Material examined: Východoslovenská pahorkatina hills, **Michaľany** (180), 23.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20233, NMPC, veg.: *Salix*, *Populus*, *Urtica*, *Heracleum*, *Plantago*, *Ranunculus*, *Lychnis*.

Comments: Quite a rare species, known from Czech Republic, Slovakia, Greece and Serbia. The assessment of the current conservation status: CR.

Paramormia Enderlein, 1935

Duckhousiella Vaillant, 1972

25. *Paramormia* (*Duckhousiella*) *ustulata* (Walker, 1856)

Published record: Nová Vieska (209) (Ježek 1990a).

Material examined: Laborecká vrchovina hills, **Dedačov** (44), 9.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20595, NMPC, veg.: *Salix*, *Alnus*, *Corylus*, *Asarum*, *Urtica*; Hornonitrianska kotlina basin, **Koš** wetlands (119), 26.ix.2012, SW, 1M, J. Oboňa leg., J. Ježek det., slide Inv. No. 20020, NMPC; Hornonitrianska kotlina basin, **Prievidza** (239), 4.x.2012, HC, 1F, J. Oboňa leg., J. Ježek det., slide Inv. No. 20021, NMPC; Borská nížina lowlands, **Marheček** wetlands (170), 19.iv.2013, SW, 1 M, J. Oboňa leg., J. Ježek det., slide Inv. No. 20072, NMPC; Tribeč hill, **Hrušov** (91), 24.iv.2013, SW, 1M, J. Oboňa leg., J. Ježek det., slide Inv. No. 20055, NMPC.

Comments: A species known from Europe and north Africa.

Paramormia s. str.

26. *Paramormia* (*Paramormia*) *polyascoidea* (Krek, 1971)

Published records: Račková dolina valley (244) (Rozkošný 1971, Halgoš 1984); Dúbrava (56), Gerlachov (66), Lubeľa (150), Mlynica (183), Štôla (292), Tatranská Lesná (318) (Ježek 1993).

Material examined: Košická kotlina basin, **Dulova Ves** nr. Prešov (59), 23.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19980, NMPC, veg.: *Quercus*, *Scirpus*, *Urtica*, *Ranunculus*, *Rosa*; Košická kotlina basin, **Prešov** (238), 23.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20009, NMPC; Východoslovenská pahorkatina hills, **Čaklov** (30), 25.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20402, NMPC, veg.: *Populus*, *Juglans*, *Sambucus*, *Crataegus*, *Urtica*, *Lappa*; Východoslovenská pahorkatina hills, **Vranov nad Topľou** (369), 25.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20260, NMPC, veg.: *Salix*, *Juglans*, *Alnus*, *Cerasus*, *Urtica*, *Chelidonium*; Východoslovenská pahorkatina hills, **Michaľany** (180), 23.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20231, NMPC, veg.: *Salix*, *Populus*, *Urtica*, *Heracleum*, *Plantago*, *Ranunculus*, *Lychnis*; Popradská kotlina basin, **Nová Lesná** brook (206), 23.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20102, NMPC, veg.: *Alnus*, *Salix*, *Urtica*; Liptovská kotlina basin, **Pavčina Lehota** nr. Liptovský Mikuláš (223), 10.vi.1987, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19953, NMPC, veg.: *Salix*, *Rubus*, *Caltha*, *Alisma*, *Filipendula*, *Geum*, *Urtica*; Popradská kotlina basin, **Lučivná – Svinárka** env., well, brook (153), 938 m a.s.l., 13.vii.1987, SW, 1 M, J. Ježek leg. & det., slide Inv. No. 19984, NMPC, veg.: *Picea*, *Alnus*, *Caltha*, *Filipendula*, *Equisetum*.

Comments: A common European and Westsiberian species.

***Phyllotelmatoscopus* Vaillant, 1982**

27. *Paramormia (Phyllotelmatoscopus) acuta* (Krek, 1971)

Published record: Furmanec river (63) (Ježek 2006a).

Comments: A rare European species. The assessment of the current conservation status: NS.

***Peripsychoda* Enderlein, 1935**

28. *Peripsychoda auriculata* (Haliday in Curtis, 1839)

Published records: Bardejov (11), Oravský Podzámok (219) (Szabó 1965a,b); Soblahov (273) (Halgoš 1973); Bardejov (11), Oravský Podzámok (219), Rimavská Sobota (256), Soblahov (273) (Halgoš 1984); Hrochotská dolina valley (87) (Ježek 2009a).

Material examined: Východoslovenská pahorkatina hills, **Slančík** (270), 28.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20090, NMPC, veg.: *Salix*, *Alnus*, *Corylus*, *Urtica*, *Asarum*; Východoslovenská rovina flat, **Somator** (277), 30.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20144, NMPC, veg.: *Salix*, *Nymphaea*, *Lemna*, *Urtica*; Popradská kotlina basin, **Lučivná – Svinárka** env., well, brook (153), 938 m a.s.l., 13.vii.1987, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19982, NMPC, veg.: *Picea*, *Alnus*, *Caltha*, *Filipendula*, *Equisetum*; Popradská kotlina basin, **Červený potok** brook – Nová Lesná (34), 22.vii.1990, SW, 1M, P. Chvojka leg., J. Ježek det., slide Inv. No. 20411, NMPC; Bukovské vrchy Mts., **Stinská slatinka** meadow (291), 700 m a.s.l., 20.vii.2005, SW, 1M, P. Kment leg., J. Ježek det., slide Inv. No. 20435 NMPC; Malé Karpaty Mts., **Fialkový potok** brook (62), 247 m a.s.l., 21.v.2011, SW, 1M, J. Lukáš leg., J. Ježek det., slide Inv. No. 20631, NMPC; Malé Karpaty Mts., **Mokrý potok** brook (184), 309 m a.s.l., 25.viii.2011, SW, 1M, J. Lukáš leg., J. Ježek det., slide Inv. No. 20629, NMPC.

Comments: A very common European and Transcaucasian species.

29. *Peripsychoda fusca* (Macquart, 1826)

Published records: Fialkový potok brook (62), Veľkolúcky potok brook (355) (Ježek et al. 2012).

Comments: Only locally common European species. The assessment of the current conservation status: CR.

***Psycmera* Ježek, 1984**

30. *Psycmera integella* (Jung, 1956)

Published records: Brezno (22), Liptovské Kľačany (144), Lubľa (150), Pavčina Lehota (223), Ploštín (229) (Ježek 1993); Nad Šenkárou (193) (Straka & Majzlan 2006).

Material examined: Liptovská kotlina basin, **Pavčina Lehota** nr. Liptovský Mikuláš (223), 10.vi.1987, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19947, NMPC, veg.: *Salix*, *Rubus*, *Caltha*, *Alisma*, *Filipendula*, *Geum*, *Urtica*.

Comments: A European and West-Siberian species, known mainly from swampy alder-woods. The assessment of the current conservation status: CR.

***Sciria* Enderlein, 1935**

31. *Sciria advena* (Eaton, 1893)

Published records: Smrekovec (272) (Straka & Majzlan 2009); Diviacka Nová Ves (46), Vrbany (370) (Oboňa & Ježek 2012b).

Comments: A rare European species associated with dendrothelmata. The assessment of the current conservation status: CR.

***Telmatoscopus* Eaton, 1904**

32. *Telmatoscopus carpathicus* Ježek, 1988

Published records: Haliar (69), Pod Príslopom (231) (Ježek 1988); Čierna Lehota (37) (Straka & Majzlan 2007).

Material examined: Liptovská kotlina basin, **Pavčina Lehota** nr. Liptovský Mikuláš (223), 10.vi.1987, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19949, NMPC, veg.: *Salix*, *Rubus*, *Caltha*, *Alisma*, *Filipendula*, *Geum*, *Urtica*.

Comments: An extremely rare species, known only from Slovakia and the Czech Republic. The assessment of the current conservation status: VU.

33. *Telmatoscopus carthusianus* (Vaillant, 1972)

Published record: Hrochotská dolina valley (87) (Ježek 2009a).

Material examined: Strážovské vrchy Mts., **Diviacka Nová Ves** (46), 22.v.2012, HC, 1M, J. Oboňa leg., J. Ježek det., slide Inv. No. 20026, NMPC.

Comments: Lokally a relative rare European species, sometimes collected together with *T. gressicus* (Vaillant, 1972).

TRICHOPSYCHODINA

***Philosepedon* Eaton, 1904**

***Philosepedon* s. str.**

34. *Philosepedon* (*Philosepedon*) *austriacum* Vaillant, 1974

Published records: Hiadeľské sedlo saddleback (75), Ploštín (229) (Ježek 1993).

Material examined: Kremnické vrchy Mts., **Železná Breznica** env., brook (390), 29.iv.2012, SW, 1M, J. Oboňa leg., J. Ježek det., slide Inv. No. 20048, NMPC.

Comments: Lokally a relative rare European species.

35. *Philosepedon* (*Philosepedon*) *humerales* (Meigen, 1818)

Published records: Zbojská (385) (Szabó 1965a,b, Halgoš 1984); Liptovský Hrádok (146) (Ježek 1993); Zbojnická jaskyňa cave (388) (Košel & Horváth 1996).

Material examined: Kremnické vrchy Mts., **Železná Breznica** env., brook (390), 30.iv.2013, SW, 1M, J. Oboňa leg., J. Ježek det., slide Inv. No. 20061, NMPC.

Comments: Generally a very common and widely distributed European and North African species.

***Trichosepedon* Krek, 1999**

36. *Philosepedon* (*Trichosepedon*) *balkanicum* Krek, 1971

Published records: Babí potok brook (3), Dolina 7 prameňov valley (49), Košiar env. Javorina (120), Patočiny (222) (Ježek 1993); Košiar env. Ždiar (121) (Ježek 1995).

Material examined: Popradská kotlina basin, **Tatranská Polianka** (320), 21.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20428, NMPC, veg.: *Picea*, *Alnus*, *Rubus*, *Caltha*, *Lysimachia*, *Filipendula*, *Urtica*; Slovenský raj, **Vlčia jaskyňa** cave (363), 4.viii.1994, HC, 1M, V. Košel leg., J. Ježek det., slide Inv. No. 7824, NMPC; Slovenský raj, **Vojenská jaskyňa** cave (365), 5.viii.1994, HC, 1M, V. Košel leg., J. Ježek det., slide Inv. No. 19963, NMPC.

Comments: Generally a rare European species. The assessment of the current conservation status: CR.

***Threticus* Eaton, 1904**

37. *Threticus balkanealpinus* Krek, 1972

Published records: Kardolina (108), Pod Príslopom (231), Podspády (234), Tatranská Kotlina (317), Tokárenský potok brook (326), Vojtasova poľana meadow (366) (Ježek 1993); Hrochotská dolina valley (87), Zadná Poľana (382) (Ježek 2009a).

Material examined: Laborecká vrchovina hills, **Krásny Brod** env. Medzilaborce, brook, well (128), 10.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20111, NMPC, veg.: *Alnus*, *Salix*, *Corylus*, *Rubus*, *Caltha*, *Mentha*, *Carex*, *Dipsacus*, Musci.

Comments: A not common European species.

38. *Threticus incurvus* Krek, 1972

Published records: Baláže (6), Čierna dolina valley (36), Dolný Jelenec (52), Il'anovská dolina valley (95), Špania Dolina (280), Tatranská Kotlina (317), Uľanka (341) (Ježek 1993); Tatranská Kotlina (317) (Ježek 1995).

Material examined: Čierna hora Mt., **Čermel'** nr. Košice (31), 19.v.1980, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20365, NMPC, veg.: *Alnus*, *Salix*, *Carpinus*, *Petasites*, *Urtica*.

Comments: A rare European species. The assessment of the current conservation status: EN.

39. *Threticus lucifugus* (Walker, 1856)

Published records: Zbojská (388) (Szabó 1960, 1965a,b, Halgoš 1984); Marková dolina valley (171), Piesky (224), Prostredná stream (241), Staré Hory (287), Uľanka (341), Východná (372) (Ježek 1993); Hrončecký grúň slope (90) (Ježek 2009a); Hron river basin (89), upper Váh river basin (345) (larvae, Bulánková 2003).

Material examined: Popradská kotlina basin, **Tatranská Polianka** (320), 21.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20426, NMPC, veg.: *Picea*, *Alnus*, *Rubus*, *Caltha*, *Lysimachia*, *Filipendula*, *Urtica*; Nízke Tatry Mts., **Liptovská Lúžna**, brook (141), 13.ix.1985, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20321, NMPC, veg.: *Picea*, *Sphagnum*, *Caltha*, *Juncus*, *Mentha*, Poaceae; Laborecká vrchovina hills, **Korejovce** (117), 13.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20163, NMPC, veg.: *Salix*, *Alnus*, *Petasites*, *Dipsacus*, *Impatiens*, Musci, Poaceae; Spišsko-šarišské medzihorie Imts., **Stará Ľubovňa** (284), 28.ix.1992, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20655, NMPC, *Alnus*, *Salix*, *Prunus*, *Corylus*, *Ribes*, *Colchicum*, *Geranium*, *Mentha*, *Urtica*.

Comments: A European species.

40. *Threticus negrobovi* Vaillant, 1972

Published records: Dolina 7 prameňov valley (49), Kežmarské Žľaby (111), Tatranská Kotlina (317), Ždiar (389) (Ježek 1993); Hrochotská dolina valley (87) (Ježek 2009a).

Comments: A rare European species. The assessment of current conservation status: CR.

41. *Threticus silvaticus* Ježek, 1985

Published records: Hiadeľské sedlo saddleback (75), Marková dolina valley (171), Piesky (224), Prostredná stream (241), Východná (372) (Ježek 1993).

Material examined: Ondavská vrchovina hills, **Nová Polianka** env. Svidník (207), 12.xi.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20383, NMPC, veg.: *Salix*, *Alnus*, *Corylus*, *Rubus*, *Typha*, *Lappa*, *Urtica*, Daucaceae; Čergov Mts., **Olejničkov** env. Majdan (213), 26.ix.1992, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20499, NMPC, veg.: *Alnus*, *Salix*, *Corylus*, *Urtica*; Spišsko-šarišské medzihorie Imts., **Čírč** (41), 27.ix.1992, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20401, NMPC, veg.: *Fagus*, *Pinus*, *Caltha*, *Mentha*, Musci, Pteropsida.

Comments: Not common European species, the assessment of the current conservation status: VU.

Trichopsychoda Tonnoir, 1922

42. *Trichopsychoda hirtella* (Tonnoir, 1919)

Published records: Tále (316) (Ježek 1993); Hrochotská dolina valley (87) (Ježek 2009a).

Material examined: Malé Karpaty Mts., **Fialkový potok** brook (62), 247 m a.s.l., 4.ix.2011, SW, 1M, J. Lukáš leg., J. Ježek det., slide Inv. No. 20635, NMPC; Hornonitrianska kotlina basin, **Vrbany** env. Diviacka Nová Ves (371), 20.v.2012, SW, 1F, J. Oboňa leg., J. Ježek det., slide Inv. No. 20053, NMPC.

Comments: Generally a common European species.

PSYCHODINI

Apsycha Ježek, 2007

43. *Apsycha pusilla* (Tonnoir, 1922)

Material examined: Podtatranská brázda furrow, Ždiar (389 – Map 4), 26.ix.-2.x.1993, YPT, 1M, P. Chvojka leg., J. Ježek det., slide Inv. No. 20483, NMPC.

Distribution: Species mainly of cow-sheds, therefore overlooked, previously recorded only from USA, Czech Republic and Poland (Ježek 2007). **New species for Slovakia.**

Chodopsycha Ježek, 1984

44. *Chodopsycha buxtoni* (Withers, 1988)

Published record: Nová Sedlica (208) (Ševčík 2004, 2010).

Material examined: Bukovské vrchy Mts., Topoľňa (328), 8.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20418, NMPC, veg.: *Alnus*, *Corylus*, *Urtica*.

Comments: Probably rare European species, associated with fungi. The assessment of the current conservation status: NS.

45. *Chodopsycha lobata* (Tonnoir, 1940)

Published records: Brtkovica (23), Bukovecká dolina valley (28), Bystrá (29), Črtné (42), Hiadeľská dolina valley (74), Horné Lazy (81), Kochuľa (114), Podbanské (232), Tri studničky well (332), Vyšné Hágy (376) (Ježek 1993); Nová Sedlica (208) (Ševčík 1994); Kyslinky (136), Zadná Poľana (382) (Ježek 2009a); Hrochotská dolina valley (87), Nová Sedlica (208), Muránska planina plain (191) (Ševčík 2010).

Material examined: Bukovské vrchy Mts., Kolbasov (116), 6.ix.1979, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20610, NMPC, veg.: *Sambucus*, *Salix*, *Alnus*, *Urtica*; Vihorlatské vrchy Mts., Zemplínske Hámre, brook (392), 6.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20338, NMPC, veg.: *Salix*, *Alnus*, *Urtica*; Vysoké Tatry Mts., Grúnik (68), 15.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20501, NMPC, veg.: *Picea*; Popradská kotlina basin, Eurocamp FICC env. Tatranská Lomnica (61), 24.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20591, NMPC, veg.: *Picea*, *Pinus*, *Alnus*, *Frangula*, *Sorbus*, *Caltha*, *Urtica*; Nízke Tatry Mts., Banská, brook (nr. Liptovská Lúžna) (9), 1181 m a.s.l., 13.ix.1985, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20562, NMPC, veg.: *Picea*, *Betula*, *Sambucus*, *Rubus*, *Mentha*; Nízke Tatry Mts., Liptovská Lúžna (141), 13.ix.1985, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20473, NMPC, veg.: *Picea*, *Mentha*, *Urtica*; Zvolenská kotlina basin, Vážna nr. Lučatín (350), 15.ix.1985, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20329, NMPC, veg.: *Picea*, *Alnus*, *Petasites*, *Urtica*; Nízke Tatry Mts., Púchalky (243), 9.ix.1986, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20297, NMPC, veg.: *Picea*, *Rubus*, *Pteropsida*; Stolické vrchy Mts., Muránska Zdychava (192), 19.vii.1989, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20140, NMPC, veg.: *Alnus*, *Rubus*, *Filipendula*, *Impatiens*, *Caltha*, *Peropsida*; Stolické vrchy Mts., Muránska Lehota (190), 20.vii.1989, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19962, NMPC, veg.: *Alnus*, *Corylus*, *Petasites*, *Scirpus*, *Impatiens*, *Urtica*; Laborecká vrchovina hills, Malá Poľana (164), 10.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20352, NMPC, veg.: *Fagus*, *Carpinus*, *Corylus*, *Rubus*, *Melampyrum*, *Daucaceae*; Ondavská vrchovina hills, Krajné Čierne (125), 12.ix.1991, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20440, NMPC, veg.: *Fagus*, *Carpinus*, *Betula*, *Salix*, *Petasites*, *Juncus*, *Impatiens*, *Poaceae*; Ondavská vrchovina hills, Bardejovské Kúpele (12), 15.ix.1991, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20465, NMPC, veg.: *Tilia*, *Salix*, *Corylus*, *Frangula*, *Rubus*, *Daucaceae*, *Lamiaceae*; Spišská Magura Mts., Osturňa (220), 6.x.1991, SW, 1F, P. Chvojka leg., J. Ježek det., slide Inv. No. 20652, NMPC; Spišsko-šarišské medzihorie Mts., Stará Ľubovňa (284), 28.ix.1992, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20656, NMPC, veg.: *Alnus*, *Salix*, *Prunus*, *Corylus*, *Ribes*, *Colchicum*, *Geranium*, *Mentha*, *Urtica*; Bukovské vrchy Mts., Jarabá skala rock (99), 12.viii.2003, SW, 1M, J. Ševčík leg., J. Ježek det., slide Inv. No. 12021, NMPC; Vysoké Tatry Mts., Úplaz env. Javorová dolina valley (344), 27.viii.2004, reared from fungus, 1M, V. Košel leg., J. Ježek det., slide Inv. No. 13050, NMPC.

Comments: A very common European – Transcaucasian species, widespread in lowlands as well as in hills and mountains; associated with fungi (Ježek & Omelková 2012, Ježek et al. 2013).

Copropsychoda Vaillant, 1971

46. *Copropsychoda brevicornis* (Tonnoir, 1940)

Published record: Brtkovica (23) (Ježek 1993).

Material examined: Bukovské vrchy Mts., **Zboj** (386), 7.ix.1979, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20532, NMPC, veg.: *Alnus*, *Corylus*, *Humulus*, *Mentha*; Nízke Tatry Mts., **Veľký Brankov** (356), 12.ix.1985, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20489, NMPC, veg.: *Picea*, *Rubus*, Musci; Čergov Mts., **Hromacký vrch** hill env. Livov (88), 830 m a.s.l., 26.ix.1992, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20582, NMPC, veg.: *Fagus*, *Picea*, *Pinus*, *Abies*, *Betula*, *Mentha*, Poaceae.

Comments: A saprophagous species with a western Palaearctic distribution. Probably common in Slovakia, however, overlooked so far.

Logima Eaton, 1904

47. *Logima albipennis* (Zetterstedt, 1850)

Published records: Bardejov (11) (as *Psychoda severini* Tonnoir, 1922), Demänovská dolina valley (45), Ružomberok (261) (Szabó 1965a,b); Bratislava (19), Malacky (167) (as *Psychoda* (*Psychoda*) *severini partenogenetika* Tonnoir, 1922) (Halgoš 1973); Nižná Myšľa (199) (Ježek 1983); Bratislava (19), Demänovská dolina valley (45), Malacky (167), Ružomberok (as *Psychoda severini* Tonnoir, 1920) (261), Bardejov (11) (Halgoš 1984); Brtkovica (23), Dúbrava (56), Gerlachov (66), Hiadel'ská dolina valley (74), Kľačianská dolina valley (112), Ludrová (154), Lupčianska dolina valley (157), Mengusovce (178), Mlynica (183), Piesky (224), Ploštín (229), Prostredná stream (241), Ružomberok (261), Tichá dolina valley (323), Tri studničky well (332), Východná (372), Vyšné Hágy (376) (Ježek 1993); Hrochotská dolina valley (87) (Ježek 2009a).

Material examined: Košická kotlina basin, **Košický Klečenov** (124), 26.v.1979, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20524, NMPC, veg.: *Fagus*, *Asarum*, *Trifolium*, *Asperula*; Východoslovenská rovina plain, **Veľký Horeš** (358), 29.v.1979, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20540, NMPC, veg.: *Salix*, *Juglans*, *Iris*, *Carex*, *Dactylis*, *Alisma*; Beskydské predhorie Mts., **Kamienka** (106), 5.ix.1979, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20570, NMPC, veg.: *Fagus*, *Betula*, *Picea*, *Petasites*; Laborecká vrchovina hills, **Belá nad Cirochou** brook (14), 6.ix.1979, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20000, NMPC, veg.: *Salix*, *Alnus*, *Caltha*, *Urtica*; Laborecká vrchovina hills, **Dedačov** (44), 9.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20600, NMPC, veg.: *Salix*, *Alnus*, *Corylus*, *Asarum*, *Urtica*; Laborecká vrchovina hills, **Hankovce** (70), 9.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20515, NMPC, veg.: *Salix*, *Sambucus*, *Cornus*, *Urtica*; Volovské vrchy Mts., **Rudňany** (259), 21.v.1980, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20535, NMPC, veg.: *Picea*, *Caltha*, *Mentha*; Vysoké Tatry Mts., **Škaredý žľab** trough env. Kôprová dolina valley (268), 15.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20518, NMPC, veg.: *Picea*; Vysoké Tatry Mts., **Pálenica** (221), 15.viii.1985, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20527, NMPC, veg.: *Picea*, *Sorbus*, *Acer*, *Petasites*; Nízke Tatry Mts., **Veľký Brankov** (356), 12.ix.1985, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20492, NMPC, veg.: *Picea*, *Rubus*, Musci; Nízke Tatry Mts., **Bansko** brook (nr. Liptovská Lúžna) (9), 1181 m a.s.l., 13.ix.1985, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20566, NMPC, veg.: *Picea*, *Betula*, *Sambucus*, *Rubus*, *Mentha*; Nízke Tatry Mts., **Brusno** env. Brezno (24), 16.ix.1985, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20101, NMPC, veg.: *Salix*, *Alnus*, *Corylus*, *Urtica*, *Asarum*; Stolické vrchy Mts., **Slanská dolina** valley env. Rejdová (271), 18.vii.1989, SW, 2F, J. Ježek leg. & det., slides Inv. No. 20607, 20662, NMPC, veg.: *Picea*, *Caltha*, *Mentha*, *Impatiens*, Pteropsida; Revúcka vrchovina Mts., **Revúca** (253), 19.vii.1989, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20601, NMPC, veg.: *Salix*, *Populus*, *Rubus*, *Impatiens*, *Urtica*, *Humulus*, Daucaceae, Poaceae; Ondavská vrchovina hills, **Rakovčik** (246), 12.ix.1991, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20295, NMPC, veg.: *Alnus*, *Prunus*, *Corylus*, *Sambucus*, *Salix*, *Cirsium*, Poaceae, Daucaceae; Ondavská vrchovina hills, **Jurkova Voľa** (103), 14.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20509, NMPC, veg.: *Salix*, *Rubus*, *Petasites*, *Mentha*, *Lappa*, *Artemisia*, *Urtica*, Poaceae; Ondavská vrchovina hills, **Kružlová** (131), 14.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20360, NMPC, veg.: *Alnus*, *Salix*, *Pinus*, *Pirus*, *Betula*, *Rubus*, *Petasites*, *Equisetum*; Ondavská vrchovina hills, **Bardejovské Kúpele** (12), 15.ix.1991, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20468, NMPC, veg.: *Tilia*, *Salix*, *Corylus*, *Frangula*, *Rubus*, Daucaceae, Lamiaceae; Ondavská vrchovina hills, **Gerlachov** env. Bardejov (65), 17.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20375, NMPC, veg.: *Alnus*, *Salix*, *Rubus*, *Urtica*, Poaceae; Čergov Mts., **Tokáreň** (325), 25.ix.1992, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20444, NMPC, veg.: *Acer*, *Picea*, *Fagus*, *Corylus*, *Mentha*, *Caltha*; Čergov Mts., **Olejníkov** env. Majdan (213), 26.ix.1992, SW, 1M, Ježek leg. & det., slide Inv. No. 20500, NMPC, veg.: *Alnus*, *Salix*, *Corylus*, *Urtica*; Podbeskydská vrchovina Mts., **Biela Orava** nr. Lokca (19), 29.vi.1992, SW, 1F, P. Chvojka leg., J. Ježek det., slide Inv. No. 20575, NMPC; Veľká Fatra Mts., **Ľubochnianska dolina** valley (151), 6.xi.2006, reared, 1F, J. Lukáš leg., J. Ježek det., slide Inv. No. 20640,

NMPC; Strážovské vrchy Mts., **Diviacka Nová Ves** (45), 3.vi. and 24.xi.2012, 2F, all HC, J. Oboňa leg., J. Ježek det., slides Inv. No. 20034, 20071, NMPC; Kremnické vrchy Mts., **Železná Breznica** env., brook (390), 30.iv.2013, SW, 1F, J. Oboňa leg., J. Ježek det., slide Inv. No. 20058, NMPC.

Comments: A cosmopolitan species, very common from lowlands to mountains.

48. *Logima erminea* (Eaton, 1893)

Published records: Hiadefská dolina valley (74), Hiadefské sedlo saddleback (75), Kochuľa (114), Liptovský Hrádok (146), Mengusovce (178), Pohronský Bukovec (235) (Ježek 1993).

Material examined: Laborecká vrchovina hills, **Dedačov** (44), 9.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20598, NMPC, veg.: *Salix*, *Alnus*, *Corylus*, *Asarum*, *Urtica*; Nízke Tatry Mts., **Veľký Brankov** (356), 12.ix.1985, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20487, NMPC, veg.: *Picea*, *Rubus*; Nízke Tatry Mts., **Bansko**, brook (nr. Liptovská Lúžna) (9), 1181 m a.s.l., 13.ix.1985, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20568, NMPC, veg.: *Picea*, *Betula*, *Sambucus*, *Rubus*, *Mentha*; Laborecká vrchovina hills, **Malá Poľana** (164), 10.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20353, NMPC, veg.: *Fagus*, *Carpinus*, *Corylus*, *Rubus*, *Melampyrum*, Daucaceae; Ondavská vrchovina hills, **Bardejovské Kúpele** (12), 15.ix.1991, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20466, NMPC, veg.: *Tilia*, *Salix*, *Corylus*, *Frangula*, *Rubus*, Daucaceae, Lamiaceae; Čergov Mts., **Tokáreň** (325), 25.ix.1992, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20443, NMPC, veg.: *Acer*, *Picea*, *Fagus*, *Corylus*, *Mentha*, *Caltha*.

Comments: Common Palaearctic species.

49. *Logima satchelli* (Quate, 1955)

Published records: Brezno (22), Iľanovo (94), Iľanovská dolina valley (95), Kráмец (127), Kropáčová (130), Ludrová (154), Pavčina Lehota (223), Ploštín (229), Štôla (292), Svätý Kríž (310) (Ježek 1993); Hrochotská dolina valley (87), Zadná Poľana (382) (Ježek 2009a).

Material examined: Košická kotlina basin, **Košický Klečenov** (124), 26.v.1979, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20525, NMPC, veg.: *Fagus*, *Asarum*, *Trifolium*, *Asperula*; Východoslovenská rovina plain, **Veľký Horeš** (358), 29.v.1979, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20541, NMPC, veg.: *Salix*, *Juglans*, *Iris*, *Carex*, *Dactylis*, *Alisma*; Beskydské predhorie Mts., **Kamienka** (106), 5.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20571, NMPC, veg.: *Fagus*, *Betula*, *Picea*, *Petasites*; Vihorlatské vrchy Mts., **Zemplínske Hámre**, brook (392), 6.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20339, NMPC, veg.: *Salix*, *Alnus*, *Urtica*; Laborecká vrchovina hills, **Nižná Čabina** (197), 9.ix.1979, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20308, NMPC, veg.: *Salix*, *Alnus*, *Urtica*, *Phragmites*; Popradská kotlina basin, **Čierna dolina** valley env. Tatranská Kotlina (36), 16.vi.1982, SW, 1F, J. Ježek leg. & det., slide Inv. No. 19996, NMPC, veg.: *Picea*, *Petasites*, *Caltha*; Vysoké Tatry Mts., **Zadná Kopa** env. Javorina, brook (381), 26.vi.1982, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19992, NMPC, veg.: *Picea*, *Sorbus*, *Petasites*, *Asplenium*, *Pinguicula*; Vysoké Tatry Mts., **Zadné Medľodoly** (383), 27.vi.1982, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20430, NMPC, veg.: *Picea*, *Vaccinium*, *Caltha*; Západné Tatry Mts., **Tomanová dolina** valley (327), 14.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20553, NMPC, veg.: *Picea*, *Petasites*; Vysoké Tatry Mts., **Grúnik** (68), 15.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20503, NMPC, veg.: *Picea*; Vysoké Tatry Mts., **Pálenica** (221), 15.viii.1985, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20526, NMPC, veg.: *Picea*, *Sorbus*, *Acer*, *Petasites*; Vysoké Tatry Mts., **Škaredý žľab** trough env. Kôprová dolina valley (268), 15.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20516, NMPC, veg.: *Picea*; Východoslovenská pahorkatina hills, **Michaľany** (180), 23.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20232, NMPC, veg.: *Salix*, *Populus*, *Urtica*, *Heracleum*, *Plantago*, *Ranunculus*, *Lychnis*; Popradská kotlina basin, **Eurocamp FICC** env. Tatranská Lomnica (61), 24.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20590, NMPC, veg.: *Picea*, *Pinus*, *Alnus*, *Frangula*, *Sorbus*, *Caltha*, *Urtica*; Nízke Tatry Mts., **Bansko**, brook (nr. Liptovská Lúžna) (9), 1181 m a.s.l., 13.ix.1985, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20564, NMPC, veg.: *Picea*, *Betula*, *Sambucus*, *Rubus*, *Mentha*; Zvolenská kotlina basin, **Vážna** nr. Lučatín (349), 15.ix.1985, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20330, NMPC, veg.: *Picea*, *Alnus*, *Petasites*, *Urtica*; Nízke Tatry Mts., **Brusno** env. Brezno (24) 16.ix.1985, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20099, NMPC, veg.: *Salix*, *Alnus*, *Corylus*, *Urtica*, *Asarum*; Vysoké Tatry Mts., **Studenovodské vodopády** waterfalls (299), 11.vii.1987, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20537, NMPC, veg.: *Picea*, *Petasites*, *Vaccinium*; Stolické vrchy Mts., **Slanská dolina** valley env. Rejdová (271), 18.vii.1989, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20608, NMPC, veg.: *Picea*, *Caltha*, *Mentha*, *Impatiens*, Pteropsida; Laborecká vrchovina hills, **Korejovce** (117), 13.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20167, NMPC, veg.: *Salix*, *Alnus*, *Petasites*, *Dipsacus*, *Impatiens*, Poaceae; Ondavská vrchovina, **Jurkova Voľa** (103), 14.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20508, NMPC, veg.: *Salix*, *Rubus*, *Petasites*, *Mentha*, *Lappa*, *Artemisia*, *Urtica*, Poaceae; Ondavská vrchovina hills, **Nižná Pisaná** brook (200), 14.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20214, NMPC, veg.: *Alnus*, *Salix*, *Carpinus*, *Geranium*, *Artemisia*, *Urtica*, Pteropsida, Poaceae; Ondavská vrchovina hills, **Bardejovské Kúpele** (12), 15.ix.1991, SW,

1F, J. Ježek leg. & det., slide Inv. No. 20467, NMPC, veg.: *Tilia*, *Salix*, *Corylus*, *Frangula*, *Rubus*, Daucaceae, Lamiaceae; Ondavská vrchovina hills, **Šarišské Čierne** (263), 15.ix.1991, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20189, NMPC, veg.: *Salix*, *Alnus*, *Pirus*, *Frangula*, *Evonymus*, *Rubus*, *Urtica*, Daucaceae; Spišská Magura Mts., **Osturňa** (220), 6.x.1991, SW, 1F, P. Chvojka leg., J. Ježek det., slide Inv. No. 20654, NMPC, Oravské Beskydy Mts., **Soľný potok** brook (276), 750 m a.s.l., 15.x.1991, SW, 1F, P. Chvojka leg., J. Ježek det., slide Inv. No. 20155, NMPC, Čergov Mts., **Kyjov** (134), 27.ix.1992, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20318, NMPC, veg.: *Picea*, *Fagus*, *Acer*, *Corylus*, *Rubus*, *Urtica*; Veľká Fatra Mts., **Donovaly** (54), 25.x.1994, HC, 1M, P. Lauterer leg., J. Ježek det., slide Inv. No. 20289, NMPC; Veľká Fatra Mts., **Lubochňianska dolina** valley (151), 6.xi.2006, reared, 1F, J. Lukáš leg., J. Ježek det., slide Inv. No. 20624, NMPC; Strážovské vrchy Mts., **Diviacka Nová Ves** (46), 21.v.2011, 3.vi., 24.xi. and 6.xii.2012, 4M, all HC, J. Oboňa leg., J. Ježek det., slides Inv. No. 20005, 20033, 20069, 20089, NMPC; Hornonitrianska kotlina basin, **Vrbany** env. Diviacka Nová Ves (371), 17.v.2012, SW, 1F, J. Oboňa leg., J. Ježek det., slide Inv. No. 20052, NMPC.

Comments: A common Holarctic species.

50. *Logima zetterstedti* Ježek, 1983

Published records: Lubelňa (150), Mlynica (183), Pavčina Lehota (223), Ploštín (229), Východná (372) (Ježek 1993).

Material examined: Vysoké Tatry Mts., **Zadná Kopa** env. Javorina brook (381), 26.vi.1982, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19994, NMPC, veg.: *Picea*, *Sorbus*, *Petasites*, *Asplenium*, *Pinguicula*; Liptovská kotlina basin, **Pavčina Lehota** nr. Liptovský Mikuláš (223), 10.vi.1987, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19952, NMPC, veg.: *Salix*, *Rubus*, *Caltha*, *Alisma*, *Filipendula*, *Geum*, *Urtica*; Ondavská vrchovina hills, **Bukovce** (25), 11.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20152, NMPC, veg.: *Salix*, *Alnus*, *Acer*, *Rubus*, *Humulus*, *Petasites*, *Lappa*, *Urtica*; Strážovské vrchy Mts., Laborecká vrchovina hills, **Korejovce** (117), 13.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20164, NMPC veg.: *Salix*, *Alnus*, *Petasites*, *Dipsacus*, *Impatiens*, Musci, Poaceae; Strážovské vrchy Mts., **Diviacka Nová Ves** (46), 22.iv. and 22.v.2012, SW, 2F, J. Oboňa leg., J. Ježek det., slides Inv. No. 20008, 20025, NMPC; Hornonitrianska kotlina basin, **Vrbany** env. Diviacka Nová Ves (371), 17.v.2012, 1F, SW, J. Oboňa leg., J. Ježek det., slide Inv. No. 20051, NMPC.

Comments: Common European and western Siberian species.

Psycha Ježek, 1984

51. *Psycha grisescens* (Tonnoir, 1922)

Published records: Demänovská dolina valley (45) (Szabó 1965a,b, Halgoš 1984); Červená Magura (32), Il'anovo (94), Ludrová (154), Patočiny (222), Pohronský Bukovec (235), Svätý Kríž (310), Štrbské Pleso (295) (Ježek 1993); Šúr (308) (Straka & Majzlan 2010a); Šišulákov mlyn mill (266) (Straka & Majzlan 2013).

Material examined: Vysoké Tatry Mts., **Svišťovský potok** brook (314), 25.vi.1982, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20584, NMPC, veg.: *Picea*; Nízke Tatry Mts., **Veľký Brankov** (356), 12.ix.1985, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20491, NMPC, veg.: *Picea*, *Rubus*, Musci; Nízke Tatry Mts., **Bansko**, brook (nr. Liptovská Lúžna) (9), 1181 m a.s.l., 13.ix.1985, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20565, NMPC, veg.: *Picea*, *Betula*, *Sambucus*, *Rubus*, *Mentha*; Nízke Tatry Mts., **Liptovská Lúžna** (141), brook, 13.ix.1985, SW, 2M, 1F, J. Ježek leg. & det., slides Inv. No. 20287, 20324 and 20474, NMPC, veg.: *Picea*, *Salix*, *Grossularia*, *Petasites*, *Sphagnum*, *Caltha*, *Urtica*, *Juncus*, *Mentha*, Poaceae; Nízke Tatry Mts., **Brusno** env. Brezno (24), 16.ix.1985, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20098, NMPC, veg.: *Salix*, *Alnus*, *Corylus*, *Urtica*, *Asarum*; Vysoké Tatry Mts., **Malý Studený potok** brook nr. Nálepková chata chalet (168), 10.vii.1987, SW, 2F, J. Ježek leg. & det., slides Inv. No. 20425, 20332, NMPC, veg.: *Picea*, *Petasites*; Vysoké Tatry Mts., **Malá Svišťovka** env. Tatranská Lomnica (166), 9.viii.1987, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20558, NMPC, veg.: *Picea*, *Vaccinium*, *Caltha*, *Pteropsida*; Volovské vrchy Mts., **Úhorná** (340), 14.vii.1989, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20314, NMPC, veg.: *Picea*, *Myosotis*, *Caltha*, *Vaccinium*, Poaceae; Stolické vrchy Mts., **Slanská dolina** valley env. Rejdová (271), 18.vii.1989, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20606, NMPC, veg.: *Picea*, *Caltha*, *Mentha*, *Impatiens*, *Pteropsida*; Ondavská vrchovina hills, **Bukovce** (25), 11.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20153, NMPC, veg.: *Salix*, *Alnus*, *Acer*, *Rubus*, *Humulus*, *Petasites*, *Lappa*, *Urtica*; Ondavská vrchovina hills, **Nižná Pisaná**, brook (200), 14.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20112, NMPC, veg.: *Alnus*, *Salix*, *Carpinus*, *Geranium*, *Artemisia*, *Urtica*, *Pteropsida*, Poaceae; Spišská Magura Mts., **Osturňa** (220), 6.x.1991, SW, 1M, P. Chvojka leg., J. Ježek det., slide Inv. No. 20653, NMPC, Chočské vrchy Mts., **Valaská Dubová**, well (347), 4.vii.1992, SW, 1M, P. Chvojka leg., J. Ježek det., slide Inv. No. 20198, NMPC; Spišsko-šarišské medzihorie, **Sabinov** (262), 24.ix.1992, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20249, NMPC, veg.: *Salix*, *Corylus*, *Mentha*, *Impatiens*; Čergov Mts., **Tokáreň** (325), 25.ix.1992, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20445, NMPC, veg.: *Acer*, *Picea*, *Fagus*, *Corylus*, *Mentha*, *Caltha*; Čergov Mts., **Hromacký vrch** env. Livov (88), 830 m a.s.l., 26.ix.1992,

SW, 1M, J. Ježek leg. & det., slide Inv. No. 20579, NMPC, veg.: *Fagus, Picea, Pinus, Abies, Betula, Mentha*, Poaceae; Spišsko-šarišské medzihorie Mts., **Stará Ľubovňa** (284), 28.ix.1992, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20659, NMPC, veg.: *Alnus, Salix, Prunus, Corylus, Ribes, Colchicum, Geranium, Mentha, Urtica*.
Comments: A European and North African species.

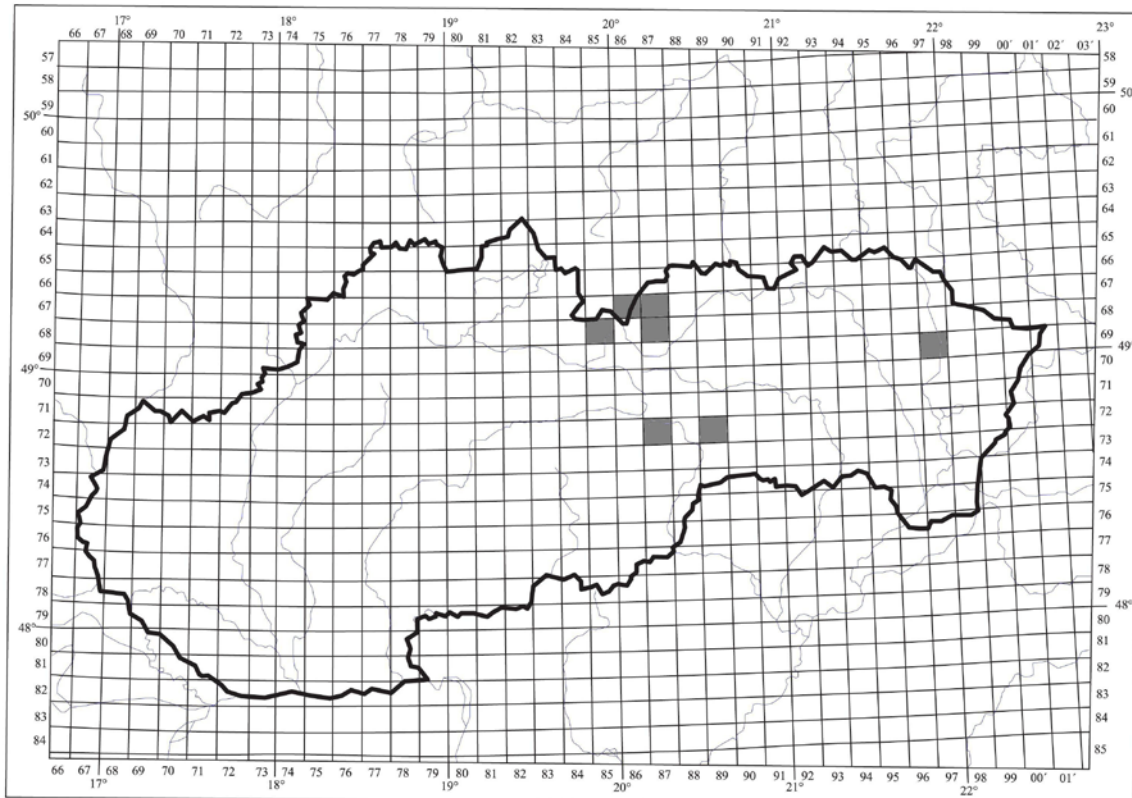
***Psychoda* Latreille, 1796**

52. *Psychoda alticola* Vaillant, 1973

(syn. *dolomitica* Salamanna & Sarà, 1980 - more see Kvifte & Andersen 2012)

Material examined: Laborecká vrchovina hills, **Dedačov** (44), 9.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20599, NMPC, veg.: *Salix, Alnus, Corylus, Asarum, Urtica*; Vysoké Tatry Mts., **Zadná Kopa** env. Javorina brook (381), 26.vi.1982, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19995, NMPC, veg.: *Picea, Sorbus, Petasites, Asplenium, Pinguicula*; Vysoké Tatry Mts., **Grúnik** (68), 15.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20502, NMPC, veg.: *Picea*; Vysoké Tatry Mts., **Malý Studený potok** brook nr. Nálepková chata chalet (168), 10.vii.1987, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20331, NMPC, veg.: *Picea, Petasites*; Vysoké Tatry Mts., **Studenovodské vodopády** waterfalls (299), 11.vii.1987, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20536, NMPC, veg.: *Picea, Petasites, Vaccinium*; Vysoké Tatry Mts., **Malá Svišťovka** env. Tatranská Lomnica (166), 9.viii.1987, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20583, NMPC, veg.: *Picea, Vaccinium, Caltha*, Pteropsida; Volovské vrchy Mts., **Okrúhly chrbát** saddle env. Úhorná (211), 14.vii.1989, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20594, NMPC, veg.: *Picea, Sphagnum, Myosotis*, Poaceae; Stolické vrchy Mts., **Slanská dolina** valley env. Rejdová (271), 17.vii.1989, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20663, NMPC, veg. *Picea, Alnus, Rubus, Filipendula, Scirpus*, Pteropsida; Revúcka vrchovina Mts., **Rejdová** (250), 18.vii.1989, SW, 2F, J. Ježek leg. & det., slides Inv. No. 20455, 20480, NMPC, veg.: *Picea, Fagus, Salix, Sambucus, Caltha, Scirpus*, Daucaceae; Podtatranská brázda furrow, **Ždiar** (389), 26.ix.-2.x.1993, YPT, 1M, P. Chvojka leg., J. Ježek det., slide Inv. No. 20484, NMPC.

Comments: All mentioned localities see in Map 5. The species was previously recorded from arctic-alpine localities in Austria, Czech Republic, France, Finland, Germany, Italy, Norway and Rumania (Wagner 1977, Salamanna & Sarà 1980, Ježek 2006b, Kvifte & Andersen 2012). **New species for Slovakia.**



Map 5: Map showing records of *Psychoda alticola* Vaillant, 1973 from Slovakia (DFS: 6786 – Zadná Kopa, 6787 – Ždiar, 6885 – Grúnik, 6887 – Malá Svišťovka, Malý Studený potok, Studenovodské vodopády waterfalls, 6997 – Dedačov, 7287 – Rejdová, Slanská dolina valley, 7289 – Okrúhly chrbát ridge).

53. *Psychoda phalaenoides* (Linnaeus, 1758)

Published records: Oravský Podzámok (219) (Szabó 1965a); Oravský Podzámok (219), Demänovská dolina valley (45) (Szabó 1965b); Bratislava (19), Malacky (167), Nová Baňa (204) (Halgoš 1973); Bratislava (19), Demänovská dolina valley (45), Malacky (167), Nitra – Zobor (194), Nová Baňa (204), Oravský Podzámok (219) (Halgoš 1984); Brezno (22), Črmné (42), Dúbrava (56), Iľanovo (94), Iľanovská dolina valley (95), Ludrová (153), Mengusovce (178), Patočiny (222), Pohronský Bukovec (235), Štôla (292) (Ježek 1993); Dunaj river basin (60), Hron river basin (89), lower Váh river basin (149), Morava river basin (186), Poprad - Dunajec river basin (236), upper Váh river basin (345) (larvae, Bulánková 2003); Hrochotská dolina valley (87), Hrončeský grúň slope (90), Kyslinky (136), Zadná Poľana (382) (Ježek 2009a); Dubová (55), Súčanka (303) (Straka 2009); Šúr (309) (Straka & Majzlan 2010a).

Material examined: Košická kotlina basin, **Košický Klečenov** (124), 26.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20522, NMPC, veg.: *Fagus*, *Asarum*, *Trifolium*, *Asperula*; Bukovské vrchy Mts., **Kolbasov** (116), 6.ix.1979, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20613, NMPC, veg.: *Sambucus*, *Salix*, *Alnus*, *Urtica*; Bukovské vrchy Mts., **Uličské Krivé** (343), 7.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20618, NMPC, veg.: *Alnus*, *Salix*, *Scirpus*; Bukovské vrchy Mts., **Zboj** (386), 7.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20529, NMPC, veg.: *Alnus*, *Corylus*, *Humulus*, *Mentha*; Laborecká vrchovina hills, **Nížná Čabina** (197), 9.ix.1979, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20309, NMPC, veg.: *Salix*, *Alnus*, *Urtica*, *Phragmites*; Laborecká vrchovina hills, **Volica** (367), 9.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20651, NMPC, veg.: *Salix*, *Urtica*; Vysoké Tatry Mts., **Zadná Kopa** env. Javorina, brook (381), 26.vi.1982, SW, 1F, J. Ježek leg. & det., slide Inv. No. 19993, NMPC, veg.: *Picea*, *Sorbus*, *Petasites*, *Asplenium*, *Pinguicula*; Nízke Tatry Mts., **Veľký Brankov** (356), 12.ix.1985, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20488, NMPC, veg.: *Picea*, *Rubus*; Nízke Tatry Mts., **Bansko**, brook (nr. Liptovská Lúžna) (9), 1181 m a.s.l., 13.ix.1985, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20561, NMPC, veg.: *Picea*, *Betula*, *Sambucus*, *Rubus*, *Mentha*; Nízke Tatry Mts., **Liptovská Lúžna** (141), 13.ix.1985, SW, 2M, J. Ježek leg. & det., slides Inv. No. 20471, 20283, NMPC, veg.: *Salix*, *Grossularia*, *Petasites*, *Mentha*, *Urtica*; Nízke Tatry Mts., **Brusno** env. Brezno (24), 16.ix.1985, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20093, NMPC, veg.: *Salix*, *Alnus*, *Corylus*, *Urtica*, *Asarum*; Liptovská kotlina basin, **Pavčina Lehota** nr. Liptovský Mikuláš (223), 10.vi.1987, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19941, NMPC, veg.: *Salix*, *Rubus*, *Caltha*, *Alisma*, *Filipendula*, *Geum*, *Urtica*; Volovské vrchy Mts., **Úhorná** (340), 14.vii.1989, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20313, NMPC, veg.: *Picea*, *Myosotis*, *Caltha*, *Vaccinium*, Poaceae; Stolické vrchy Mts., **Slanská dolina** valley env. Rejdová (271), 18.vii.1989, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20602, NMPC, veg.: *Picea*, *Caltha*, *Mentha*, *Impatiens*, Pteropsida; Popradská kotlina basin, **Červený potok** brook – Nová Lesná (34), 22.vii.1990, SW, 1M, P. Chvojka leg., J. Ježek det., slide Inv. No. 20412, NMPC; Laborecká vrchovina hills, **Krásny Brod** env. Medzilaborce, brook, well (128), 10.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20110, NMPC, veg.: *Alnus*, *Salix*, *Corylus*, *Rubus*, *Caltha*, *Mentha*, *Carex*, *Dipsacus*, Musci; Ondavská vrchovina hills, **Bukovce** (25), 11.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20149, NMPC, veg.: *Salix*, *Alnus*, *Acer*, *Rubus*, *Humulus*, *Petasites*, *Lappa*, *Urtica*; Ondavská vrchovina hills, **Mrázovce** (189), 11.ix.1991, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20180, NMPC, veg.: *Salix*, *Alnus*, *Pirus*, *Frangula*, *Evonymus*, *Rubus*, *Urtica*, Daucaceae; Ondavská vrchovina hills, **Krajné Čierno** (125), 12.ix.1991, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20439, NMPC, veg.: *Fagus*, *Carpinus*, *Betula*, *Salix*, *Petasites*, *Juncus*, *Impatiens*, Poaceae; Ondavská vrchovina hills, **Nížná Pisaná** brook (200), 14.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20207, NMPC, veg.: *Alnus*, *Salix*, *Carpinus*, *Geranium*, *Artemisia*, *Urtica*, Pteropsida, Poaceae; Ondavská vrchovina hills, **Bardejovské Kúpele** (12), 15.ix.1991, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20464, NMPC, veg.: *Tilia*, *Salix*, *Corylus*, *Frangula*, *Rubus*, Daucaceae, Lamiaceae; Ondavská vrchovina hills, **Gerlachov** env. Bardejov (65), 17.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20373, NMPC, veg.: *Alnus*, *Salix*, *Rubus*, *Urtica*, Poaceae; Podtatranská brázda furrow, **Ždiar** (389), 26.ix.-2.x.1993, YPT, 1M, P. Chvojka leg., J. Ježek det., slide Inv. No. 20481, NMPC; Chočské vrchy Mts., **Valaská Dubová**, well (347), 6.vii.1994, SW, 1F, 1M, P. Lauterer leg., J. Ježek det., slides Inv. No. 20459, 20585, NMPC; Hornonitrianska kotlina basin, **Liešťany**, meanders of a brook (140), 23.v.2013, SW, 1M, J. Oboňa leg., J. Ježek det., slide Inv. No. 20075, NMPC.

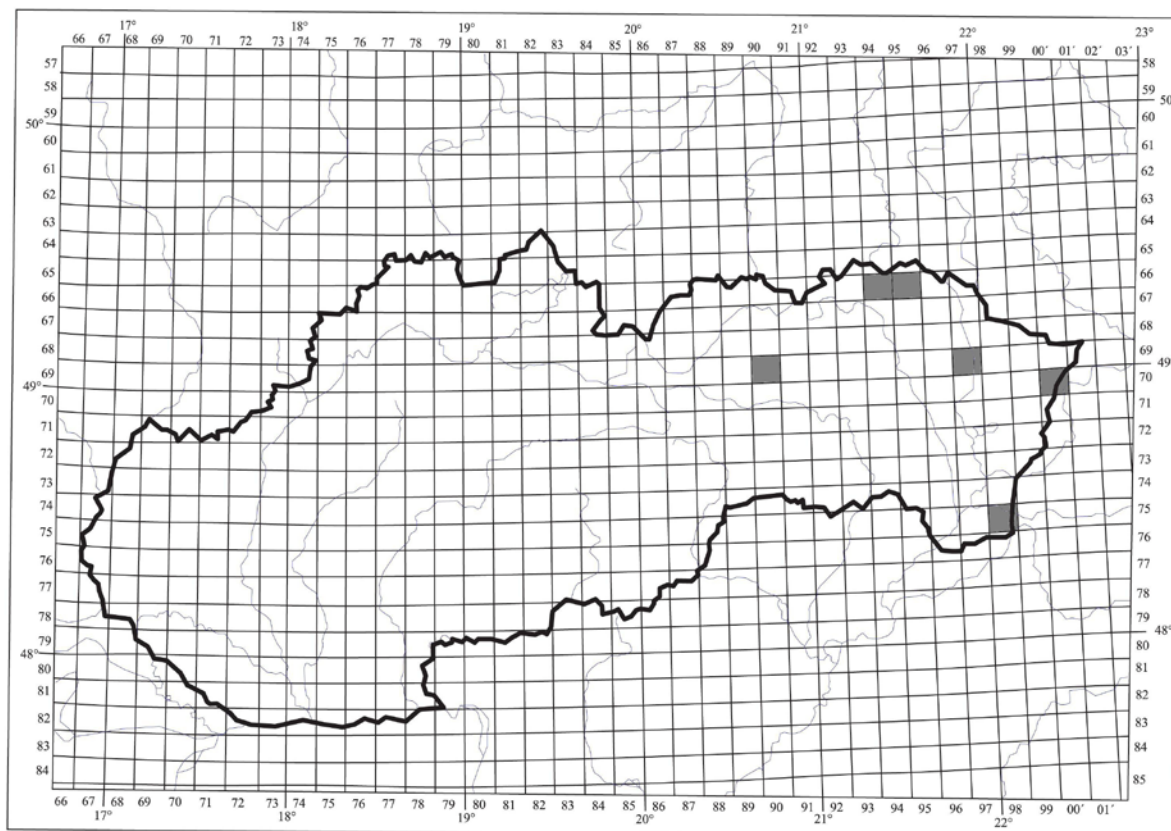
Comments: A very common Holarctic polyvoltine species.

54. *Psychoda uniformata* Haseman, 1907

Material examined: Východoslovenská rovina plain, **Ptruksa** (242), 7.ix.1979, SW, 1F, J. Burda leg., J. Ježek det., slide Inv. No. 20497, NMPC; Bukovské vrchy Mts., **Ulič** (341), 7.ix.1979, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20496, NMPC, veg.: *Alnus*, *Mentha*, *Scirpus*; Bukovské vrchy Mts., **Uličské Krivé** (343), 7.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20620, NMPC, veg.: *Alnus*, *Salix*, *Scirpus*; Bukovské vrchy Mts., **Zboj** (386), 7.ix.1979, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20531, NMPC, veg.: *Alnus*, *Corylus*, *Humulus*, *Mentha*; Laborecká vrchovina hills, **Hankovce** (70), 9.ix.1979, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20514, NMPC, veg.: *Salix*, *Sambucus*, *Cornus*, *Urtica*; Ondavská vrchovina hills, **Kružlová** (131),

14.ix.1991, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20359, NMPC, veg.: *Alnus*, *Salix*, *Pinus*, *Pirus*, *Betula*, *Rubus*, *Petasites*, *Equisetum*; Ondavská vrchovina hills, **Nižná Pisaná**, brook (200), 14.ix.1991, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20211, NMPC, veg.: *Alnus*, *Salix*, *Carpinus*, *Geranium*, *Artemisia*, *Urtica*, Pteropsida, Poaceae; Ondavská vrchovina, **Šarišské Čierne** (263), 15.ix.1991, SW, 2F, J. Ježek leg. & det., slides Inv. No. 20187, 20188, NMPC, veg.: *Salix*, *Alnus*, *Pirus*, *Frangula*, *Evonymus*, *Rubus*, *Urtica*, Daucaceae.

Comments: Above mentioned localities of this species see Map 6. Distribution: A Holarctic species, recorded from Austria, Czech Republic, Italy, Slovenia, Greece, Turkey, Iran, Israel, Mongolia, and the USA (Ježek & Omelková 2012). **New species for Slovakia.**



Map 6: Map showing records of *Psychoda uniformata* Haseman, 1907 from Slovakia (DFS: 6694 – Šarišské Čierne, 6695 – Kružlová, Nižná Pisaná, 6900 – Zboj, 6997 – Hankovce, 7000 – Ulič, Uličské Krivé, 7598 – Ptrukša).

Psychodocha Ježek, 1984

55. *Psychodocha cinerea* (Banks, 1894)

Published records: Bratislava (19) (Halgoš 1984); Suchý vrch Mt. (306) (Ježek 1990b); Hradište (83), Iľanovská dolina valley (95), Kochuľa (114), Kršahy, Litvorový Žľab (147), Ludrová (153), Sopotnická dolina valley (278), Tokárenský potok brook (326) (Ježek 1993); Zbojnica jaskyňa cave (387) (Košel & Horváth 1996); Hron river basin (89), Poprad - Dunajec river basin (236), upper Váh river basin (345) (larvae, Bulánková 2003); Nad Šenkáarkou (193) (Straka & Majzlan 2006); Diviacka Nová Ves (45), Vrbany (371) (Oboňa a Ježek 2012b).

Material examined: Východoslovenská rovina plain, **Kapušíanske Kľačany** (107), 29.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20589, NMPC, veg.: *Quercus*, *Fraxinus*, *Populus*, *Salix*, *Iris*; Vysoké Tatry Mts., **Škaredý žľab** trough env. Kôprová dolina valley (268), 15.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20517, NMPC, veg.: *Picea*; Nízke Tatry Mts., **Liptovská Lúžna** (141), 13.ix.1985, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20475, NMPC, veg.: *Picea*, *Mentha*, *Urtica*; Ondavská vrchovina hills, **Bukovce** (25), 11.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20151, NMPC, veg.: *Salix*, *Alnus*, *Acer*, *Rubus*, *Humulus*, *Petasites*, *Lappa*, *Urtica*; Ondavská vrchovina hills, **Bardejovské Kúpele** (12), 15.ix.1991, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20463, NMPC, veg.: *Tilia*, *Salix*, *Corylus*, *Frangula*, *Rubus*, Daucaceae,

Lamiaceae; Belianske Tatry Mts., **Alabastrová jaskyňa cave** (1), 10.viii.2000, HC, 1M, TE, V. Košel leg., J. Ježek det., slide Inv. No. 9851, NMPC; Veľká Fatra Mts., **Ľubochňianska dolina** valley (151), 6.xi.2006, reared, 1F, J. Lukáš leg., J. Ježek det., slide Inv. No. 20625, NMPC; Malé Karpaty Mts., **Mokrý potok** brook (184), 210 m a.s.l., 25.viii.2011, SW, 1F, J. Lukáš leg., J. Ježek det., slide Inv. No. 20646, NMPC; Strážovské vrchy Mts., **Diviacka Nová Ves** (46), 3.vi., 15.viii., 3.ix. and 24.xi.2012, 1M, 3F, all HC, J. Oboňa leg., J. Ježek det., slides Inv. No. 20035, 20022, 20036 and 20070, NMPC; Zvolenská kotlina basin, **Zvolen** (396), 297 m a.s.l., 7.viii.2012, 1F, HC, J. Oboňa leg., J. Ježek det., slide Inv. No. 20006, NMPC; Považské podolie basin, **Opatovské jazero** lake (215), 20.iv.2013, 1F, SW, J. Oboňa & M. Svitok leg., J. Ježek det., slide Inv. No. 20087, NMPC; Hornonitrianska kotlina basin, **Vrbany** env. Diviacka Nová Ves (371), 28.viii.2013, 1M, HC from *Quercus* tree holes, J. Oboňa leg., J. Ježek det., slide Inv. No. 20248, NMPC.

Comments: A very common cosmopolitan species.

56. *Psychodocha gemina* (Eaton, 1904)

Published records: Baláže (6), Brtkovica (23), Bukovec (26), Bukovecká dolina valley (28), Črmné (42), Hiadeľská dolina valley (74), Il'anovo (94), Kežmarské Žľaby (111), Kochuľa (114), Kráмец (127), Liptovská Porúbka (142), Liptovský Hrádok (146), Ludrová (153), Mengusovce (178), Patočiny (222), Pohronský Bukovec (235), Svätý Kríž (310), Tri studničky well (332) (Ježek 1993); Hučava stream (93), Mičová stream (181) (larvae, Bulánková 1999); Hučava stream (93), Mičová stream (181) (larvae, Bitušik et al. 2000); Gidra stream (67) (larvae, Bulánková et al. 2001, 2002); Hron river basin (89), Poprad - Dunajec river basin (236), upper Váh river basin (345) (larvae, Bulánková 2003); Hrochotská dolina valley (87), Zadná Poľana (382) (Ježek 2009a).

Material examined: Východoslovenská pahorkatina hills, **Zámutov** env. Vranov nad Topľou, brook (384), 24.v.1979, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20586, NMPC, veg.: *Fagus*, *Betula*, *Mentha*, *Urtica*; Košická kotlina basin, **Košický Klečenov** (124), 26.v.1979, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20523, NMPC, veg.: *Fagus*, *Asarum*, *Trifolium*, *Asperula*; Beskydské predhorie Mts., **Kamienka** (106), 5.ix.1979, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20572, NMPC, veg.: *Fagus*, *Betula*, *Picea*, *Petasites*; Bukovské vrchy Mts., **Ulič** (342), 7.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20495, NMPC, veg.: *Alnus*, *Mentha*, *Scirpus*; Bukovské vrchy Mts., **Uličské Krivé** (343), 7.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20616, NMPC, veg.: *Alnus*, *Salix*, *Scirpus*; Veporské vrchy Mts., **Príslop** (240), 8.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20262, NMPC, veg.: *Alnus*, *Juncus*, *Mentha*, *Carex*; Laborecká vrchovina hills, **Hankovce** (70), 9.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20512, NMPC, veg.: *Salix*, *Sambucus*, *Cornus*, *Urtica*; Laborecká vrchovina hills, **Nížná Čabina** (197), 9.ix.1979, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20311, NMPC, veg.: *Salix*, *Alnus*, *Urtica*, *Phragmites*; Popradská kotlina basin, **Čierna dolina** valley env. Tatranská Kotlina (36), 16.vi.1982, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19997, NMPC, veg.: *Picea*, *Petasites*, *Caltha*; Vysoké Tatry Mts., **Svišťovský potok** brook (314), 25.vi.1982, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20557, NMPC, veg.: *Picea*; Vysoké Tatry Mts., **Zadné Medŕodoly** (383), 27.vi.1982, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20429, NMPC, veg.: *Picea*, *Vaccinium*, *Caltha*; Popradská kotlina basin, **Tatranská Polianka** (320), 21.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20427, NMPC, veg.: *Picea*, *Alnus*, *Rubus*, *Caltha*, *Lysimachia*, *Filipendula*, *Urtica*; Nízke Tatry Mts., **Veľký Brankov** (356), 12.ix.1985, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20485, NMPC, veg.: *Picea*, *Rubus*, Musci; Nízke Tatry Mts., **Bansko**, brook (nr. Liptovská Lúžna) (9), 1181 m a.s.l., 13.ix.1985, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20560, NMPC, veg.: *Picea*, *Betula*, *Sambucus*, *Rubus*, *Mentha*; Nízke Tatry Mts., **Liptovská Lúžna** (141), 13.ix.1985, SW, 2F, J. Ježek leg. & det., slides Inv. No. 20472, 20285, NMPC, veg.: *Salix*, *Grossularia*, *Petasites*, *Mentha*, *Urtica*; Zvolenská kotlina basin, **Vážna** nr. Lučatín (350), 15.ix.1985, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20327, NMPC, veg.: *Picea*, *Alnus*, *Petasites*, *Urtica*; Nízke Tatry Mts., **Brusno** env. Brezno (24), 16.ix.1985, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20096, NMPC, veg.: *Salix*, *Alnus*, *Corylus*, *Urtica*, *Asarum*; Nízke Tatry Mts., **Čierny Diel** env. Ráztoka (38), 1144 m a.s.l., 18.ix.1985, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20408, NMPC, veg.: *Picea*, *Salix*, *Acer*, *Corylus*, *Eupatorium*, *Caltha*, *Pinguicula*; Nízke Tatry Mts., **Stanišovské sedlo** saddleback nr. Liptovská Porúbka (283), 8.ix.1986, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19974, NMPC; Rožňavská kotlina basin, **Rožňava** (257), 13.vii.1989, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20405, NMPC, veg.: *Alnus*, *Carpinus*, *Juncus*, *Impatiens*, Pteropsida; Revúcka vrchovina Mts., **Rejdová** (250), 18.vii.1989, SW, 2M, J. Ježek leg. & det., slides Inv. No. 20479, 20604, NMPC, veg.: *Picea*, *Fagus*, *Salix*, *Sambucus*, *Caltha*, *Scirpus*, Daucaceae; Stolické vrchy Mts., **Slanská dolina** valley env. Rejdová (271), 18.vii.1989, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20660, NMPC, veg.: *Picea*, *Caltha*, *Mentha*, *Impatiens*, Pteropsida; Stolické vrchy Mts., **Muránska Zdychava** (192), 19.vii.1989, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20141, NMPC, veg.: *Alnus*, *Rubus*, *Filipendula*, *Impatiens*, *Caltha*, Pteropsida; Laborecká vrchovina hills, **Krásny Brod** env. Medzilaborce, brook, well (128), 10.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20117, NMPC, veg.: *Alnus*, *Salix*, *Corylus*, *Rubus*, *Caltha*, *Mentha*, *Carex*, *Dipsacus*, Musci; Laborecká vrchovina hills, **Malá Poľana** (164), 10.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20351, NMPC, veg.: *Fagus*, *Carpinus*, *Corylus*, *Rubus*, *Melampyrum*, Daucaceae; Ondavská vrchovina hills, **Makovce** (161), 10.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20451, NMPC, veg.: *Alnus*, *Salix*,

Rubus, *Polygonum*, *Lappa*, *Urtica*, Poaceae; Ondavská vrchovina hills, **Mrázovce** (189), 11.ix.1991, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20179, NMPC, veg.: *Salix*, *Alnus*, *Pirus*, *Frangula*, *Evonymus*, *Rubus*, *Urtica*, Daucaceae; Ondavská vrchovina hills, **Krajné Čierno** (125), 12.ix.1991, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20438, NMPC, veg.: *Fagus*, *Carpinus*, *Betula*, *Salix*, *Petasites*, *Juncus*, *Impatiens*, Poaceae; Ondavská vrchovina hills, **Rakovčík** (246), 12.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20294, NMPC, veg.: *Alnus*, *Prunus*, *Corylus*, *Sambucus*, *Salix*, *Cirsium*, Poaceae, Daucaceae; Ondavská vrchovina hills, **Svidník** (313), 12.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20456, NMPC, veg.: *Salix*, *Alnus*, *Petasites*, *Symphytum*, *Mentha*, *Impatiens*, Poaceae; Laborecká vrchovina hills, **Korejovce** (117), 13.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20166, NMPC, veg.: *Salix*, *Alnus*, *Petasites*, *Dipsacus*, *Impatiens*, Musci, Poaceae; Ondavská vrchovina hills, **Jurkova Voľa** (103), 14.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20505, NMPC, veg.: *Salix*, *Rubus*, *Petasites*, *Mentha*, *Lappa*, *Artemisia*, *Urtica*, Poaceae; Ondavská vrchovina hills, **Kružlová** (131), 14.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20358, NMPC, veg.: *Alnus*, *Salix*, *Pinus*, *Pirus*, *Betula*, *Rubus*, *Petasites*, *Equisetum*; Ondavská vrchovina hills, **Nižná Pisaná**, brook (200), 14.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20210, NMPC, veg.: *Alnus*, *Salix*, *Carpinus*, *Geranium*, *Artemisia*, *Urtica*, Pteropsida, Poaceae; Ondavská vrchovina hills, **Bardejovské Kúpele** (12), 15.ix.1991, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20462, NMPC, veg.: *Tilia*, *Salix*, *Corylus*, *Frangula*, *Rubus*, Daucaceae, Lamiaceae; Ondavská vrchovina hills, **Gerlachov** env. Bardejov (65), 17.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20374, NMPC, veg.: *Alnus*, *Salix*, *Rubus*, *Urtica*, Poaceae; Čergov Mts., **Tokáreň** (325), 25.ix.1992, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20442, NMPC, veg.: *Acer*, *Picea*, *Fagus*, *Corylus*, *Mentha*, *Caltha*; Čergov Mts., **Hromacký vrch** env. Livov (88), 830 m a.s.l., 26.ix.1992, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20578, NMPC, veg.: *Fagus*, *Picea*, *Pinus*, *Abies*, *Betula*, *Mentha*, Poaceae; Čergov Mts., **Olejníkov** (214), 26.ix.1992, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20390, NMPC, veg.: *Alnus*, *Rubus*, *Petasites*, *Caltha*, *Urtica*, *Mentha*, Marchantiopsida; Spišsko-šarišské medzihorie Imts., **Stará Ľubovňa** (284), 28.ix.1992, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20658, NMPC, *Alnus*, *Salix*, *Prunus*, *Corylus*, *Ribes*, *Colchicum*, *Geranium*, *Mentha*, *Urtica*; Muránska planina Mts., **Hrdzavá** (84), 19.vii.1999, SW, 1M, P. Chvojka leg., J. Ježek det., slide Inv. No. 20554, NMPC; Bukovské vrchy Mts., **Jarabá skala** rock (99), 12.viii.2003, SW, 1M, J. Ševčík leg., J. Ježek det., slide Inv. No. 12022, NMPC; Laborecká vrchovina hills, **Starina** env., brook (288), 13.viii.2003, SW, 1M, J. Ševčík leg., J. Ježek det., slide Inv. No. 12025, NMPC, veg. *Alnus*, *Fagus*, *Carpinus*; Malé Karpaty Mts., **Mokrý potok** brook (184), 210 m a.s.l., 25.viii.2011, SW, 1F, J. Lukáš leg., J. Ježek det., slide Inv. No. 20645, NMPC; Zvolenská kotlina basin, **Zvolen** (396), 297 m a.s.l., 7.8.2012, 1F, HC, J. Oboňa leg., J. Ježek det., slide Inv. No. 20007, NMPC; Strážovské vrchy Mts., **Trstenec** well env. Diviacka Nová Ves (334), 6.v. and 1.vii.2013, 1F, 1M, SW, J. Oboňa leg., J. Ježek det., slide Inv. No. 20066, 20225, NMPC.

Comments: A common European species.

***Psychodula* Ježek, 1984**

57. *Psychodula minuta* (Banks, 1894)

Published records: Hiadeľské sedlo saddleback (75) (Ježek 1990b); Brtkovica (23), Ráztoka (249) (Ježek 1993); Nad Šenkárkou (193) (Straka & Majzlan 2006); Čierna Lehota (37) (Straka & Majzlan 2007); Zadná Poľana (382) (Ježek 2009a); Šúr (309) (Straka & Majzlan 2010a); Diviacka Nová Ves (46), Vrbany (371) (Oboňa & Ježek 2012b).

Material examined: Východoslovenská rovina plain, **Veľký Horeš** (358), 29.v.1979, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20538, NMPC, veg.: *Salix*, *Juglans*, *Iris*, *Carex*, *Dactylis*, *Alisma*; Nízke Tatry Mts., **Bansko**, brook (nr. Liptovská Lúžna) (9), 1181 m a.s.l., 13.ix.1985, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20567, NMPC, veg.: *Picea*, *Betula*, *Sambucus*, *Rubus*, *Mentha*; Zvolenská kotlina basin, **Vážna** nr. Lučatín (350), 15.ix.1985, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20328, NMPC, veg.: *Picea*, *Alnus*, *Petasites*, *Urtica*; Stolické vrchy Mts., **Slanská dolina** valley env. Rejdová (271), 18.vii.1989, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20605, NMPC, veg.: *Picea*, *Caltha*, *Mentha*, *Impatiens*, Pteropsida; Spišsko-šarišské medzihorie Imts., **Stará Ľubovňa** (284), 28.ix.1992, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20657, NMPC, *Alnus*, *Salix*, *Prunus*, *Corylus*, *Ribes*, *Colchicum*, *Geranium*, *Mentha*, *Urtica*; Podtatranská brázda furrow, **Ždiar** (389), 26.ix.-2.x.1993, YPT, 1M, P. Chvojka leg., J. Ježek det., slide Inv. No. 20482, NMPC; Slovenský raj, **Stratená jaskyňa** cave (293), 5.viii.1994, HC, 1M, V. Košel leg., J. Ježek det., slide Inv. No. 19964, NMPC; Strážovské vrchy Mts., **Diviacka Nová Ves** (46), 25.v.2012, 1F, HC, J. Oboňa leg., J. Ježek det., slide Inv. No. 20029, NMPC.

Comments: A generally common Holarctic species.

Psychomora Ježek, 1984

58. *Psychomora mycophila* (Vaillant, 1988)

(syn. *vanharai* Ježek, 1995)

Published records: Nová Sedlica (208) (Ševčík 2004, 2010); Hrochotská dolina valley (87) (Ježek 2009a).

Comments: Rather a rare European species associated with fungi.

59. *Psychomora trinodulosa* (Tonnoir, 1922)

Published records: Sopotnická dolina valley (278) (Ježek 1990b); Ludrová (153), Mlynica (183), Patočiny (222) (Ježek 1993).

Material examined: Východoslovenská rovina plain, **Veľký Horeš** (358), 29.v.1979, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20543, NMPC, veg.: *Salix*, *Juglans*, *Iris*, *Carex*, *Dactylis*, *Alisma*; Bukovské vrchy Mts., **Kolbasov** (116), 6.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20611, NMPC, veg.: *Sambucus*, *Salix*, *Alnus*, *Urtica*; Vihorlatské vrchy Mts., **Zemplínske Hámre**, brook (392), 6.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20340, NMPC, veg.: *Salix*, *Alnus*, *Urtica*; Bukovské vrchy Mts., **Uličské Krivé** (343), 7.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20615, NMPC, veg.: *Alnus*, *Salix*, *Scirpus*; Bukovské vrchy Mts., **Ulič** (342), 7.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20494, NMPC, veg.: *Alnus*, *Mentha*, *Scirpus*; Bukovské vrchy Mts., **Zboj** (386), 7.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20530, NMPC, veg.: *Alnus*, *Corylus*, *Humulus*, *Mentha*; Laborecká vrchovina hills, **Nížná Čabina** (197), 9.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20310, NMPC, veg.: *Salix*, *Alnus*, *Urtica*, *Phragmites*; Bukovské vrchy Mts., **Topoľa** (328), 8.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20419, NMPC, veg.: *Alnus*, *Corylus*, *Urtica*; Laborecká vrchovina hills, **Volica** (367), 9.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20650, NMPC, veg.: *Salix*, *Urtica*; Nízke Tatry Mts., **Veľký Brankov** (356), 12.ix.1985, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20486, NMPC, veg.: *Picea*, *Rubus*; Nízke Tatry Mts., **Bansko**, brook (nr. Liptovská Lúžna) (9), 1181 m a.s.l., 13.ix.1985, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20569, NMPC, veg.: *Picea*, *Betula*, *Sambucus*, *Rubus*, *Mentha*; Nízke Tatry Mts., **Liptovská Lúžna** (141), 13.ix.1985, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20286, NMPC, veg.: *Salix*, *Grossularia*, *Petasites*, *Mentha*, *Urtica*; Nízke Tatry Mts., **Brusno** env. Brezno (24), 16.ix.1985, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20100, NMPC, veg.: *Salix*, *Alnus*, *Corylus*, *Urtica*, *Asarum*; Nízke Tatry Mts., **Čierny Diel** env. Ráztoka (38), 1144 m a.s.l., 18.ix.1985, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20407, NMPC, veg.: *Picea*, *Salix*, *Acer*, *Corylus*, *Eupatorium*, *Caltha*, *Pinguicula*; Ondavská vrchovina hills, **Makovce** (161), 10.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20450, NMPC, veg.: *Alnus*, *Salix*, *Rubus*, *Polygonum*, *Lappa*, *Urtica*, Poaceae; Ondavská vrchovina hills, **Bukovce** (25), 11.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20147, NMPC, veg.: *Salix*, *Alnus*, *Acer*, *Rubus*, *Humulus*, *Petasites*, *Lappa*, *Urtica*; Ondavská vrchovina hills, **Nová Polianka** env. Svidník (207), 12.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20382, NMPC, veg.: *Salix*, *Alnus*, *Corylus*, *Rubus*, *Typha*, *Lappa*, *Urtica*, Daucaceae; Laborecká vrchovina hills, **Svidnícke sedlo** saddleback env. Vyšný Komárnik, brook (312), 13.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20156, NMPC, veg.: *Corylus*, *Acer*, *Pirus*, *Carpinus*, *Salix*, *Rubus*, *Urtica*; Ondavská vrchovina hills, **Nížná Pisaná**, brook (200), 14.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20209, NMPC, veg.: *Alnus*, *Salix*, *Carpinus*, *Geranium*, *Artemisia*, *Urtica*, Pteropsida, Poaceae; Ondavská vrchovina hills, **Bardejovské Kúpele** (12), 15.ix.1991, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20461, NMPC, veg.: *Tilia*, *Salix*, *Corylus*, *Frangula*, *Rubus*, Daucaceae, Lamiaceae; Ondavská vrchovina hills, **Sveržov** (311), 16.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20219, NMPC, veg.: *Salix*, *Alnus*, *Polygonum*, *Petasites*, Poaceae; Čergov Mts., **Hromacký vrch** env. Livov (88), 830 m a.s.l., 26.ix.1992, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20580, NMPC, veg.: *Fagus*, *Picea*, *Pinus*, *Abies*, *Betula*, *Mentha*, Poaceae; Turčianska kotlina basin, **Martin** (172), 7.v.1996, 1F, V. Straka leg., J. Ježek det., slide Inv. No. 20664, NMPC; Muránska planina Mts., **Muránska planina** plain (191), 22.vii.1999, SW, 1M, P. Chvojka leg., J. Ježek det., slide Inv. No. 20300, NMPC; Strážovské vrchy Mts., **Diviacka Nová Ves** (46), 20.v.2013, 1M, HC, J. Oboňa leg., J. Ježek det., slide Inv. No. 20081, NMPC.

Comments: A very common Holarctic species.

Tinearia Schellenberg, 1803

60. *Tinearia alternata* (Say, 1824)

Published records: Nitra (195) (Thalhammer 1918); Ružomberok (261) (Szabó 1965a,b); Piešťany (225) (Ježek 1977); Bratislava (19), Brehy (20), Levice (139), Malacky (167), Michal na Ostrove (179), Nitra (195), Píla (226), Soblahov (273), Trenčín (330), Veľčice (351), Žarnovica (385) (Halgoš 1973); Bratislava (19), Brehy (20), Jasná (100), Levice (139), Malacky (167), Michal na Ostrave (177), Nitra (195), Píla (226), Ružomberok (261), Soblahov (273), Trenčín (330), Veľčice (351), Žarnovica (385) (Halgoš 1984); Hiadeľská dolina valley

(74), Mlynica (183), Štôla (292) (Ježek 1993); Nad Šenkárkou (193) (Straka & Majzlan 2006); Čierna Lehota (37), Žitná – Radiša (394) (Straka & Majzlan 2007); Jamy (98), Smrekovec (272) (Straka & Majzlan 2009); Šúr (309) (Straka & Majzlan 2010a); Čičarovce (35) (larvae, Mišíková Elexová 2010); Šišulákov mlyn mill (266) (Straka & Majzlan 2013).

Material examined: Východoslovenská rovina plain, **Streda nad Bodrogom** (296), 20.v.1977, SW, 1M, J. Burda leg., J. Ježek det., slide Inv. No. 20460, NMPC; Východoslovenská pahorkatina hills, **Michaľany** (180), 23.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20236, NMPC, veg.: *Salix*, *Populus*, *Urtica*, *Heracleum*, *Plantago*, *Ranunculus*, *Lychnis*; Bukovské vrchy Mts., **Uľianka** (339), 16.vii.1990, SW, 1M, P. Chvojka leg., J. Ježek det., slide Inv. No. 20592, NMPC; Spišsko-šarišské medzihorie Imts., **Stará Ľubovňa** (284), 28.ix.1992, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20392, NMPC, veg.: *Salix*, *Alnus*, *Urtica*, *Lappa*; Veľká Fatra Mts., **Ľubochňianska dolina** valley (151), 6.xi.2006, reared, 1M, J. Lukáš leg., J. Ježek det., slide Inv. No. 20623, NMPC; Hornonitrianska kotlina basin, **Vrbany** env. Diviacka Nová Ves (371), 17.v.2012, SW, 1F, J. Oboňa leg., J. Ježek det., slide Inv. No. 20050, NMPC; Strážovské vrchy Mts., **Diviacka Nová Ves** (46), 22.v., 3.vi. and 24.xi.2012, 3F, all HC, J. Oboňa leg., J. Ježek det., slides Inv. No. 20023, 20032, 20068, NMPC.

Comments: A cosmopolitan species, generally very common.

61. *Tinearia lativentris* (Berdén, 1952)

Published record: Mengusovce (178) (Ježek 1993).

Material examined: Východoslovenská rovina plain, **Veľký Horeš** (358), 29.v.1979, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20542, NMPC, veg.: *Salix*, *Juglans*, *Iris*, *Carex*, *Dactylis*, *Alisma*; Spišská Magura Mts., **Osturňa** (220), 6.x.1991, SW, 1M, P. Chvojka leg., J. Ježek det., slide Inv. No. 20397, NMPC.

Comments: A Holarctic species, in Slovakia not common.

Ypsidocha Ježek, 1984

62. *Ypsidocha setigera* (Tonnoir, 1922)

Published records: Ludrová (153), Mlynica (183) (Ježek 1993).

Material examined: Nízke Tatry Mts., **Veľký Brankov** (356), 12.ix.1985, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20490, NMPC, veg.: *Picea*, *Rubus*, Musci; Nízke Tatry Mts., **Bansko** brook (nr. Liptovská Lúžna) (9), 1181 m a.s.l., 13.ix.1985, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20563, NMPC, veg.: *Picea*, *Betula*, *Sambucus*, *Rubus*, *Mentha*; Nízke Tatry Mts., **Liptovská Lúžna**, brook (141), 13.ix.1985, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20323, NMPC, veg.: *Picea*, *Sphagnum*, *Caltha*, *Juncus*, *Mentha*, Poaceae; Nízke Tatry Mts., **Brusno** env. Brezno (24), 16.ix.1985, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20097, NMPC, veg.: *Salix*, *Alnus*, *Corylus*, *Urtica*, *Asarum*; Nízke Tatry Mts., **Čierny Diel** env. Ráztoka (38), 1144 m a.s.l., 18.ix.1985, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20409, NMPC, veg.: *Picea*, *Salix*, *Acer*, *Corylus*, *Eupatorium*, *Caltha*, *Pinguicula*; Laborecká vrchovina hills, **Krásny Brod** env. Medzilaborce, brook, well (128), 10.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20121, NMPC, veg.: *Alnus*, *Salix*, *Corylus*, *Rubus*, *Caltha*, *Mentha*, *Carex*, *Dipsacus*, Musci; Čergov Mts., **Hromacký vrch** env. Livov (88), 830 m a.s.l., 26.ix.1992, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20581, NMPC, veg.: *Fagus*, *Picea*, *Pinus*, *Abies*, *Betula*, *Mentha*, Poaceae.

Comments: The Holarctic species. The larvae are saprobiontic and occur often in manure.

PERICOMINI

Berdeniella Vaillant, 1976

63. *Berdeniella gardinii* Salamanna & Raggio, 1984

Published record: Štôla (292) (Ježek 2009b).

Comments: A very rare European species, the assessment of the current conservation status: NS.

64. *Berdeniella helvetica* (Sara, 1957)

Published records: upper Váh river basin (345) (larvae, Bulánková 2003); Javorov potok brook (102) (larvae, Bulánková et al. 2012).

Comments: Abnormally rare European species, probably regionally eradicated or extinct, from Slovakia known only from larvae so far, the assessment of the current conservation status in accordance with suggests of the Czech Republic (Ježek 2005): CR.

65. *Berdeniella illiesi* Wagner, 1973

Published records: Gader (64) (larvae, Bulánková 1991); Turiec (336) (larvae, Bulánková & Degma 1996); Hučava (93) (larvae, Bulánková 1999, larvae, Bitušik et al. 2000); Hron river basin (89), Latorica river basin (137), Slaná river basin (269), upper Váh river basin (345) (larvae, Bulánková 2003); Nižne Temnosmrečinske pleso mountain lake (202), Vyšne Temnosmrečinske pleso mountain lake (378) (larvae, Bulánková & Zaťovičová 2006); Hluboký potok brook (76), Stuzická rieka stream (302) (larvae, Novikmec 2007); Čierna Lehota (37), Čierny Hron (40), Liptovská Teplička (142), Liptovské Revúce (145), Liptovský Hrádok (146), Mengusovce (178), Moštenica (188), Nová Lehota (205), Stará Voda (286), Sučany (304), Utekáč (346), Val'kovňa (349), Veľký Dvor (357), Vernár (360), Vyšná Maša (375), Železná studnička well (391) (larvae, Mišíková Elexová 2010); Javorov potok brook (102) (larvae, Bulankova et al. 2012).

Comments: Not quite common European species, from Slovakia known only from larvae, traps for a monitoring of the occurrence of adults were not installed, unfortunately, on the mentioned localities so far.

66. *Berdeniella kocii* Ježek, 2006

Published record: Kyslinky (136) (Ježek 2009a).

Material examined: Vihorlatské vrchy Mts., **Zemplínske Hámre**, brook (392), 6.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20337, NMPC, veg.: *Salix*, *Alnus*, *Urtica*; Belianske Tatry Mts., **Tristárska dolina** valley env. Ždiar (333), 21.vi.1982, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20424, NMPC, veg.: *Picea*; Popradská kotlina basin, **Tatranská Lesná** (318), 23.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20547, NMPC, veg.: *Alnus*, *Scirpus*, *Filipendula*, *Urtica*; Vysoké Tatry Mts., **Veľká Svišťovka** (354), 9.vii.1987, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20520, NMPC, veg.: *Pinus mugo*; Revúcka vrchovina Mts., **Rejdová** (250), 18.vii.1989, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20454, NMPC, veg.: *Picea*, *Fagus*, *Salix*, *Sambucus*, *Caltha*, *Scirpus*, *Daucaceae*.

Comments: A rare montaneous species, known only from Czech Republic and Slovakia; the assessment of the current conservation status NS.

67. *Berdeniella manicata* (Tonnoir, 1920)

Published records: Valča (348) (larvae, Bulánková, 1991); Malá Homôľka (162) (larvae, Bulánková & Halgoš 1995, larvae, Krno et al. 1995); Turiec (336) (larvae, Bulánková & Degma 1996); Hučava stream (93), Mičová stream (181) (larvae, Bulánková 1999, larvae, Bitušik et al. 2000); Hron river basin (89), Slaná river basin (269), upper Váh river basin (345) (larvae, Bulánková 2003); Hluboký potok brook (76) (larvae, Novikmec 2007); Bretka (21) (larvae, Mišíková Elexová 2010).

Material examined: Košická kotlina basin, **Ruská Nová Ves** (260), 23.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20138, NMPC, veg.: *Populus*, *Salix*, *Fraxinus*, *Urtica*, *Ranunculus*; Slanské vrchy Mts., **Juskova Voľa** env., brook (104), 25.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20196, NMPC, veg.: *Fagus*, *Corylus*, *Carpinus*, *Rosa*, *Ranunculus*; Popradská kotlina basin, **Tatranská Kotlina** (317), 18.vi.1982, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19970, NMPC, veg.: *Picea*, *Petasites*, Musci; Nízke Tatry Mts., **Pohronský Bukovec** (235), 18.ix.1985, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20010, NMPC, veg.: *Alnus*, *Caltha*, *Filipendula*; Vysoké Tatry Mts., **Malá Studená dolina** valley (165), 10.vii.1987, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20154, NMPC, veg.: *Pinus mugo*, *Betula*, *Petasites*, *Luzula*, *Geranium*; Popradská kotlina basin, **Červený potok** brook – Nová Lesná (34), 22.vii.1990, SW, 1M, P. Chvojka leg., J. Ježek det., slide Inv. No. 20414, NMPC; Spišsko-šarišské medzihorie Mts., **Sabinov** (262), 24.ix.1992, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20250, NMPC, veg.: *Salix*, *Corylus*, *Mentha*, *Impatiens*; Podbeskydská vrchovina Mts., **Biela Orava** river nr. Lokca (15), 29.vi.1992, SW, 1M, P. Chvojka leg., J. Ježek det., slide Inv. No. 20576, NMPC; Kremnické vrchy Mts., **Železná Breznica** env., brook (390), 29.iv.2012, 30.iv.2013, both SW, 2M, J. Oboňa leg., J. Ježek det., slides Inv. No. 20047, 20059, NMPC; Kremnické vrchy Mts., **Kremnica** (129), 17.v.2013, SW, 1M, M. Svitok & J. Oboňa leg., J. Ježek det., slide Inv. No. 20054, NMPC.

Comments: Relative common European species. Until now, known from Slovakia only as larvae, the mentioned examined material represents **first adult records** of this species in Slovakia.

68. *Berdeniella matthesi* (Jung, 1954)

Published record: Dolina Bielych ples valley (49) (Ježek 2006a).

Material examined: Belianske Tatry Mts., **Tristárska dolina** valley env. Ždiar (333), 21.vi.1982, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20423, NMPC, veg.: *Picea*; Vysoké Tatry Mts., **Holica** (77), 1630 m a.s.l., 26.vi.1982, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20132, NMPC, veg.: *Picea*, *Petasites*, Musci; Vysoké Tatry Mts., **Suchý vrch** env. Javorina (306), 26.vi.1982, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20016, NMPC, veg.: *Picea*, *Rubus*, *Petasites*, *Caltha*, *Trollius*; Podtatranská kotlina basin, **Kežmarská Biela Voda**

stream (110), 9.vii.1987, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20334, NMPC, veg.: *Sorbus*, *Pinus mugo*, *Rubus*, *Caltha*, Pteropsida.

Comments: A locally common species in Europe, known from hilly areas or mountains in shaded swamps mainly with flocculated iron.

69. *Berdeniella stavniensis* (Krek, 1969)

Published record: Dolný Jelenec (52) (Ježek 2006a).

Material examined: Popradská kotlina basin, **Tatranská Kotlina** env., Belianska jaskyňa cave, brook (316), 18.vi.1982, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19972, NMPC, veg.: *Picea*, *Petasites*, Musci; Vysoké Tatry Mts., **Suchý vrch** env. Javorina (306), 26.vi.1982, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20014, NMPC, veg.: *Picea*, *Rubus*, *Petasites*, *Caltha*, *Trollius*; Liptovská kotlina basin, **Pavčina Lehota** nr. Liptovský Mikuláš (223), 10.vi.1987, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19944, NMPC, veg.: *Salix*, *Rubus*, *Caltha*, *Alisma*, *Filipendula*, *Geum*, *Urtica*.

Comments: European species, apparently not quite common.

70. *Berdeniella unispinosa* (Tonnoir, 1919)

Published records: Mlynica (1823), Zbojská (388) (Szabó 1960); Štrbské Pleso (295) (Szabó 1965a); Štrbské pleso mountain lake (294), Zbojská (388) (Szabó 1965b); Štrbské pleso mountain lake (294), Zbojská (388) (Halgoš 1984); Megova dolina 1 valley (176) (larvae, Bulánková & Halgoš 1995); Turiec (336) (larvae, Bulánková & Degma 1996); Hučava stream (93), Mičová stream (181) (larvae, Bulánková 1999); Hučava stream (93), Mičová stream (181) (larvae, Bitušík et al. 2000); Hron river basin (89), Latorica river basin (137) (larvae, Bulánková 2003); Hluboký potok brook (76) (larvae, Novikmec 2007); Jamy (98) (Straka & Majzlan 2009); Revúčka (254), Vyšná Maša (375) (larvae, Mišíková Elexová 2010).

Material examined: Popradská kotlina basin, **Tatranská Kotlina** env. Belianska jaskyňa cave, brook (317), 18.vi.1982, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19971, NMPC, veg.: *Picea*, *Petasites*, Musci; Liptovská kotlina basin, **Tri Studničky** env. Pavučia dolina valley (331), 16.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20416, NMPC, veg.: *Picea*, *Caltha*, *Urtica*; Podtatranská brázda furrow, **Biela** (16), 6.vii.1989, SW, 1M, P. Chvojka leg., J. Ježek det., slide Inv. No. 20534, NMPC; Revúcka vrchovina Mts., **Rejdová** (250), 18.vii.1989, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20453, NMPC, veg.: *Picea*, *Fagus*, *Salix*, *Sambucus*, *Caltha*, *Scirpus*, Daucaceae; Stolické vrchy Mts., **Slanská dolina** valley env. Rejdová (271), 18.vii.1989, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20603, NMPC, veg.: *Picea*, *Caltha*, *Mentha*, *Impatiens*, Pteropsida; Stolické vrchy Mts., **Muránska Zdychava** (192), 19.vii.1989, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20142, NMPC, veg.: *Alnus*, *Rubus*, *Filipendula*, *Impatiens*, *Caltha*, Pteropsida; Chočské vrchy Mts., **Oblazy** (210), 3.vii.1992, SW, 1M, P. Chvojka leg., J. Ježek det., slide Inv. No. 20398, NMPC; Chočské vrchy Mts., **Valaská Dubová**, well (347), 4.vii.1992, SW, 1M, P. Chvojka leg., J. Ježek det., slide Inv. No. 20315, NMPC.

Comments: A European species, associated here with forest spring areas, brooks, streams, and wet avalanche scars.

71. *Berdeniella vimmeri* Ježek, 1995

Published record: Malá Lodina (163) (Ježek 2009b).

Material examined: Čierna hora Mts., **Čermel'** nr. Košice (31), 19.v.1980, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20367, NMPC, veg.: *Alnus*, *Salix*, *Carpinus*, *Petasites*, *Urtica*; Kremnické vrchy Mts., **Železná Breznica** env., brook (390), 30.iv.2012, SW, 1M, J. Oboňa leg., J. Ježek det., slide Inv. No. 20043, NMPC.

Comments: A central European species (our knowledge is poor so far); inhabiting banks of forest streams, brooks, and spring areas.

Clytocerus Eaton, 1904 *Boreoclytocerus* Duckhouse, 1978

72. *Clytocerus* (*Boreoclytocerus*) *dalii* (Eaton, 1893)

Published records: Bardejov (11) (Szabó 1965a,b, Halgoš 1984),

Material examined: Čierna hora Mts., **Kysak** (135), 600 m a.s.l., 19.v.1980, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20171, NMPC, veg.: *Fagus*, *Carpinus*, *Juncus*, *Mentha*.

Comments: A European species, occurring rarely in outflows of upland peat-bogs, forest spring areas and inundated meadows.

73. *Clytocerus (Boreoclytocerus) longicorniculatus* Krek, 1987

Published record: Dulova Ves (59) (Ježek 2009b).

Material examined: Slanské vrchy Mts., **Červenica** (33), 24.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20278, NMPC, veg.: *Alnus*, *Corylus*, *Sorbus*, *Scirpus*, *Juncus*, *Equisetum*; Slanské vrchy Mts., **Tuhrina** (335), 24.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20177, NMPC, veg.: *Fagus*, *Carpinus*, *Alnus*, *Viola*; Východoslovenská pahorkatina hills, **Zámutov** env. Vranov nad Topľou, brook (383), 24.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20107, NMPC, veg.: *Fagus*, *Betula*, *Mentha*, *Urtica*; Slanské vrchy Mts., **Juskova Voľa** env., brook (104), 25.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20192, NMPC, veg.: *Fagus*, *Corylus*, *Carpinus*, *Rosa*, *Ranunculus*; Východoslovenská rovina plain, **Kapušíanske Kľačany** (107), 29.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20587, NMPC, veg.: *Quercus*, *Fraxinus*, *Populus*, *Salix*, *Iris*; Veporské vrchy Mts., **Príslop** (240), 8.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20264, NMPC, veg.: *Alnus*, *Juncus*, *Mentha*, *Carex*; Laborecká vrchovina hills, **Stakčín** (281), 8.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20556, NMPC, veg.: *Equisetum*, *Mentha*, *Juncus*, *Scirpus*, *Carex*; Čierna hora Mts., **Kavečany**, brook (109), 19.v.1980, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20200, NMPC, veg.: *Fagus*, *Salix*, *Alnus*, *Petasites*, *Urtica*; Čierna hora Mts., **Margecany**, brook (169), 20.v.1980, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20269, NMPC, veg.: *Mentha*, *Carex*, *Urtica*; Popradská kotlina basin, **Tatranská Polianka** (320), 21.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20345, NMPC, veg.: *Picea*, *Alnus*, *Rubus*, *Caltha*, *Lysimachia*, *Filipendula*, *Urtica*; Starohorské vrchy Mts., **Stará Pila** (285), 1.vi.1984, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20305, NMPC, veg.: *Rubus*, *Carex*, *Juncus*, *Urtica*, Musci; Laborecká vrchovina hills, **Krásny Brod** env. Medzilaborce, brook, well (128), 10.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20115, NMPC, veg.: *Alnus*, *Salix*, *Corylus*, *Rubus*, *Caltha*, *Mentha*, *Carex*, *Dipsacus*, Musci; Ondavská vrchovina hills, **Rakovčik** (246), 12.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20293, NMPC, veg.: *Alnus*, *Prunus*, *Corylus*, *Sambucus*, *Salix*, *Cirsium*, Poaceae, Daucaceae.

Comments: Probably not common European species. Known only from Bosnia and Herzegovina, Czech Republic and Slovakia (Ježek et al. 2013). The assessment of the current conservation status: NS.

74. *Clytocerus (Boreoclytocerus) ocellaris* (Meigen, 1804)

Published records: Zbojská (388), Remetské Hámre (251) (Szabó 1965a,b); Remetské Hámre (251), Vihorlat (361), Zbojská (388) (Szabó 1972-73); Nová Baňa (204), Revištské Podhradie (252) (Halgoš 1973); Nová Baňa (204), Remetské Hámre (251), Revištské Podhradie (252), Zbojská (388) (Halgoš 1984); Hron river basin (89), Latorica river basin (137) (larvae, Bulánková 2003); Hrochotská dolina valley (87) (Ježek 2009a).

Material examined: Zemplínske vrchy Mts., **Viničky** (362), 20.v.1977, SW, 1M, J. Burda leg., J. Ježek det., slide Inv. No. 20288, NMPC; Košická kotlina basin, **Solivar** env. Prešov (275), 23.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20004, NMPC; Slanské vrchy Mts., **Červenica** (323), 24.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20281, NMPC, veg.: *Alnus*, *Corylus*, *Sorbus*, *Scirpus*, *Juncus*, *Equisetum*; Slanské vrchy Mts., **Lúčina** (152), 24.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20258, NMPC, veg.: *Betula*, *Alnus*, *Mentha*, *Ajuga*, *Scirpus*; Slanské vrchy Mts., **Tuhrina** (335), 24.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20178, NMPC, veg.: *Fagus*, *Carpinus*, *Alnus*, *Viola*; Východoslovenská pahorkatina hills, **Zámutov** env. Vranov nad Topľou, brook (384), 24.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20106, NMPC, veg.: *Fagus*, *Betula*, *Mentha*, *Urtica*; Slanské vrchy Mts., **Banské** (8), 25.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20549, NMPC, veg.: *Picea*, *Rubus*, *Myosotis*; Slanské vrchy Mts., **Juskova Voľa** env., brook (104), 25.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20195, NMPC, veg.: *Fagus*, *Corylus*, *Carpinus*, *Rosa*, *Ranunculus*; Košická kotlina basin, **Herľany** (73), 26.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20129, NMPC, veg.: *Rosa*, *Rubus*, *Asperula*, *Urtica*; Východoslovenská rovina plain, **Veľký Horeš** (358), 29.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20539, NMPC, veg.: *Salix*, *Juglans*, *Iris*, *Carex*, *Dactylis*, *Alisma*; Veporské vrchy Mts., **Príslop** (240), 8.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20263, NMPC, veg.: *Alnus*, *Juncus*, *Mentha*, *Carex*; Laborecká vrchovina hills, **Belá nad Cirochou**, brook (14), 6.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19999, NMPC, veg.: *Salix*, *Alnus*, *Caltha*, *Urtica*; Laborecká vrchovina hills, **Nižná Čabina** (197), 9.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20307, NMPC, veg.: *Salix*, *Alnus*, *Urtica*, *Phragmites*; Čierna hora Mts., **Čermel'** nr.Košice (31), 19.v.1980, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20366, NMPC, veg.: *Alnus*, *Salix*, *Carpinus*, *Petasites*, *Urtica*; Čierna hora Mts., **Kysak** (135), 600 m a.s.l., 19.v.1980, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20170, NMPC, veg.: *Fagus*, *Carpinus*, *Juncus*, *Mentha*; Vysoké Tatry Mts., **Biely Váh** (17), 16.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20385, NMPC, veg.: *Picea*, *Rubus*, *Sphagnum*, *Scirpus*, *Juncus*, *Caltha*; Vysoké Tatry Mts., **Mengusovce** (178), 19.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19985, NMPC, veg.: *Betula*, *Picea*, *Caltha*, *Rumex*, *Urtica*; Popradská kotlina basin, **Tatranská Polianka** (320), 21.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20346, NMPC, veg.: *Picea*, *Alnus*, *Rubus*, *Caltha*, *Lysimachia*, *Filipendula*, *Urtica*; Popradská kotlina basin, **Dolný Smokovec** (53), 22.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20206, NMPC, veg.: *Alnus*, *Filipendula*, *Caltha*, *Urtica*; Východoslovenská pahorkatina hills, **Michaľany**

(180), 23.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20235, NMPC, veg.: *Salix*, *Populus*, *Urtica*, *Heracleum*, *Plantago*, *Ranunculus*, *Lychnis*; Starohorské vrchy Mts., **Stará Pila** (285), 1.vi.1984, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20304, NMPC, veg.: *Rubus*, *Carex*, *Juncus*, *Urtica*, Musci; Nízke Tatry Mts., **Liptovská Lúžna**, brook (141), 13.ix.1985, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20322, NMPC, veg.: *Picea*, *Sphagnum*, *Caltha*, *Juncus*, *Mentha*, Poaceae; Liptovská kotlina basin, **Pavčina Lehota** nr. Liptovský Mikuláš (223), 10.vi.1987, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19950, NMPC, veg.: *Salix*, *Rubus*, *Caltha*, *Alisma*, *Filipendula*, *Geum*, *Urtica*; Laborecká vrchovina hills, **Krásny Brod** env. Medzilaborce, brook, well (128), 10.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20119, NMPC, veg.: *Alnus*, *Salix*, *Corylus*, *Rubus*, *Caltha*, *Mentha*, *Carex*, *Dipsacus*, Musci; Ondavská vrchovina hills, **Makovce** (161), 10.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20448, NMPC, veg.: *Alnus*, *Salix*, *Rubus*, *Polygonum*, *Lappa*, *Urtica*, Poaceae; Ondavská vrchovina hills, **Rakovčik** (246), 12.ix.1991, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20292, NMPC, veg.: *Alnus*, *Prunus*, *Corylus*, *Sambucus*, *Salix*, *Cirsium*, Poaceae, Daucaceae; Laborecká vrchovina hills, **Korejovce** (117), 13.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20159, NMPC, veg.: *Salix*, *Alnus*, *Petasites*, *Dipsacus*, *Impatiens*, Musci, Poaceae; Ondavská vrchovina hills, **Kružlová** (131), 14.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20357, NMPC, veg.: *Alnus*, *Salix*, *Pinus*, *Pirus*, *Betula*, *Rubus*, *Petasites*, *Equisetum*; **Nížná Pisaná**, brook (200), 14.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20213, NMPC, veg.: *Alnus*, *Salix*, *Carpinus*, *Geranium*, *Artemisia*, *Urtica*, Pteropsida, Poaceae; Ondavská vrchovina hills, **Šarišské Čierne** (263), 15.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20186, NMPC, veg.: *Salix*, *Alnus*, *Pirus*, *Frangula*, *Evonymus*, *Rubus*, *Urtica*, Daucaceae; Podunajská rovina flat, **Šúr** (309), 7.viii.2009, MT, 1M, J. Lukáš leg., J. Ježek det., slide Inv. No. 20639, NMPC.

Comments: A very common central and western European species.

75. *Clytocyrtus (Boreoclytocyrtus) rivosus* (Tonnoir, 1919)

Published records: Račková dolina valley (244) (Rozkošný 1971, Halgoš 1984); upper Váh river basin (345) (larvae, Bulánková 2003); Šúr (309) (Straka & Majzlan 2010a).

Material examined: Veporské vrchy Mts., **Príslop** (240), 8.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20265, NMPC, veg.: *Alnus*, *Juncus*, *Mentha*, *Carex*.

Comments: Not common European species, with a small abundance in suitable habitats, the assessment of the current conservation status: CR.

76. *Clytocyrtus (Boreoclytocyrtus) splendidus* Ježek & Hájek, 2007

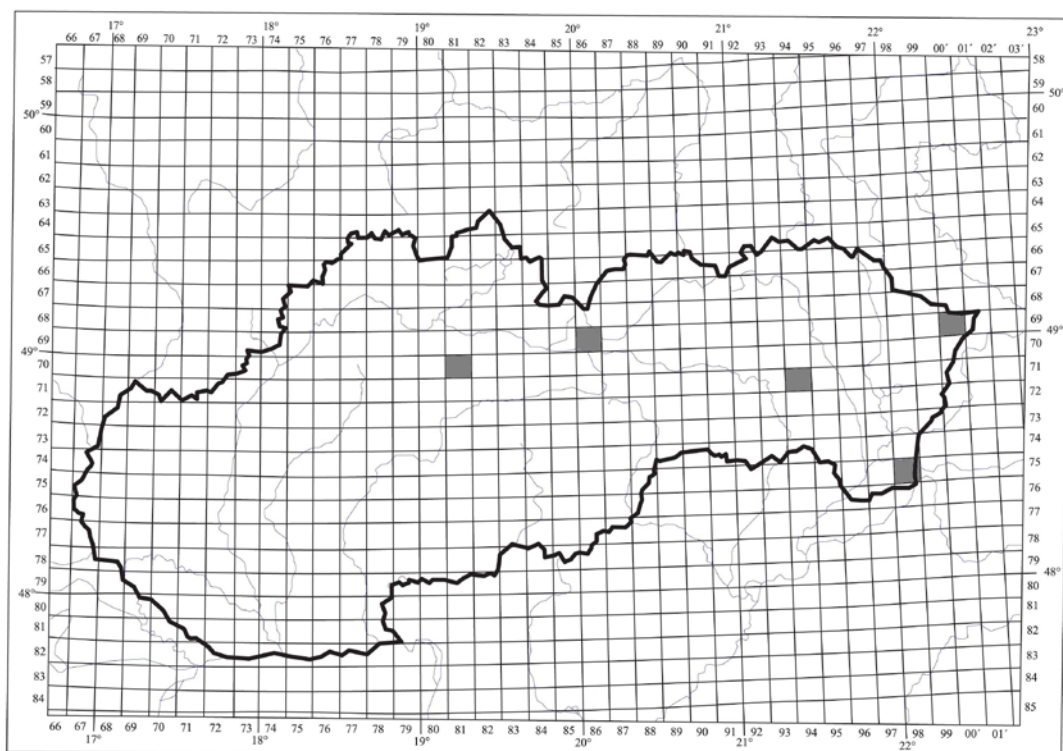
Material examined: Slanské vrchy Mts., **Červenica** (33), 24.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20279, NMPC, veg.: *Alnus*, *Corylus*, *Sorbus*, *Scirpus*, *Juncus*, *Equisetum*; Východoslovenská rovina plain, **Leles** (138), 29.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20406, NMPC, veg.: *Populus*, *Salix*, *Iris*; Bukovské vrchy Mts., **Topoľa** (328), 8.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20417, NMPC, veg.: *Alnus*, *Corylus*, *Urtica*; Popradská kotlina basin, **Lučivná – Svinárka**, well, brook (153), 938 m a.s.l., 13.vii.1987, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19981, NMPC, veg.: *Picea*, *Alnus*, *Caltha*, *Filipendula*, *Equisetum*; Nízke Tatry Mts., **Liptovská Lúžna**, brook (141), 13.ix.1985, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20320, NMPC, veg.: *Picea*, *Sphagnum*, *Caltha*, *Juncus*, *Mentha*, Poaceae.

Comments: Known only from the Czech Republic and Poland (Ježek & Hájek 2007, Ježek & Omelková 2012a, Ježek et al. 2013). All above mentioned Slovak localities see Map 7. **New species for Slovakia.** The assessment of the current conservation status: NS.

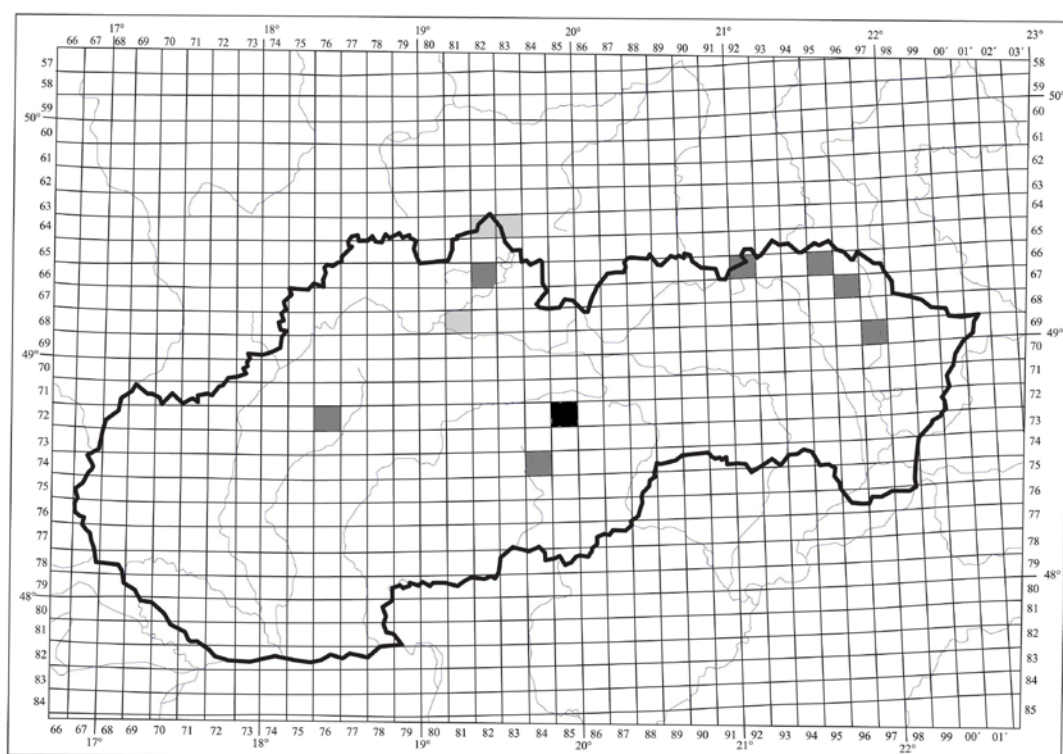
77. *Clytocyrtus (Boreoclytocyrtus) tetracorniculatus* Wagner, 1977

Material examined: Muránska planina Mts., **Muránska planina** plain (191 – Map 8), 22.vii.1999, SW, 2M, P. Chvojka leg., J. Ježek det., slides Inv. No. 20301 and 20302 NMPC.

Comments: A very rare species, known only from Germany, Czech Republic and Finland (Ježek & Omelková 2012). **New species for Slovakia.** The assessment of the current conservation status: CR.



Map 7: Map showing records of *Clytocyclus (Boreoclytocyclus) splendidus* Ježek & Hájek, 2007 from Slovakia (DFS: 6900 – Topoľňa, 6986 – Lučivná – Sviniarka, 7081 – Liptovská Lúžna, 7194 – Červenica, 7598 – Leles).



Map 8: Map showing Slovakian records of *Clytocyclus (Boreoclytocyclus) tetracorniculatus* Wagner, 1977 black square (DFS: 7285 – Muránska planina plain), *Pericoma (Pericoma) exquisita* Eaton, 1893 dark gray squares (DFS: 6682 – Biela Orava river, Oravská Jasenica, 6692 – Sveržov, 6695 – Jurkova Voľa, Korejovce, Kružlová, 6796 – Bukovce, Makovce, 6997 – Hankovce, 7276 – Nitrianske Rudno, 7484 – Príslop) and *Pericoma (Pericoma) ljubiniensis* Krek, 1969 light gray squares (DFS: 6482 – Oravská Polhora, 6483 – Babia hora Mt., 6881 – Valaská Dubová).

***Parabazarella* Vaillant, 1983**

78. *Parabazarella subneglecta* (Tonnoir, 1922)

Published records: Vlkolínec (364) (Szabó 1965a); Hrhov (85) (Rozkošný 1971); Ružomberok (261) (Halgoš 1984); Pavčina Lehota (223) (Ježek 1993); Megova dolina 1, 2 valley (176, 177) (larvae, Bulánková & Halgoš 1995); Turiec (336) (larvae, Bulánková & Degma 1996); Hučava stream (93), Mičová stream (181) (larvae, Bulánková 1999); Hučava stream (93), Mičová stream (181) (larvae, Bitušik et al. 2000); Dunaj river basin (60), Hron river basin (89), Latorica river basin (137), lower Váh river basin (149), upper Váh river basin (345) (larvae, Bulánková 2003); Nižne Temnosmrečinske pleso mountain lake (202), Vyšne Temnosmrečinske pleso mountain lake (378) (larvae, Bulánková & Zafoničová 2006); Stupavský potok brook (300) (larvae, Bulánková 2007); Meandre (174) (larvae, Bulánková & Némethová 2007); Hluboký potok brook (76), Stučická rieka stream (302) (larvae, Novikmec et al. 2007); Jamy (98) (Straka & Majzlan 2009); Dolný Harmanec (51), Kľačno (113), Liptovská Teplička (143), Majdan (160), Mengusovce (178), Stará Voda (286), Utekáč (346) (larvae, Mišíková Elexová 2010).

Material examined: Košická kotlina basin, **Ruská Nová Ves** (260), 23.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20135, NMPC, veg.: *Populus, Salix, Fraxinus, Urtica, Ranunculus*; Laborecká vrchovina hills, **Hankovce** (70), 9.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20510, NMPC, veg.: *Salix, Sambucus, Cornus, Urtica*; Čierna hora Mts., **Čermel'** nr. Košice (31), 19.v.1980, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20364, NMPC, veg.: *Alnus, Salix, Carpinus, Petasites, Urtica*; Popradská kotlina basin, **Batizovce** env., brook (13), 19.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19978, NMPC, veg.: *Alnus, Grossularia, Caltha*; Vysoké Tatry Mts, **Mengusovce** (178), 19.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19988, NMPC, veg.: *Betula, Picea, Caltha, Rumex, Urtica*; Popradská kotlina basin, **Dolný Smokovec** (53), 22.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20205, NMPC, veg.: *Alnus, Filipendula, Caltha, Urtica*; Popradská kotlina basin, **Tatranská Lesná** (318), 23.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20545, NMPC, veg.: *Alnus, Scirpus, Filipendula, Urtica*; Liptovská kotlina basin, **Pavčina Lehota** nr. Liptovský Mikuláš (223), 10.vi.1987, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19942, NMPC, veg.: *Salix, Rubus, Caltha, Alisma, Filipendula, Geum, Urtica*; Laborecká vrchovina hills, **Krásny Brod** env. Medzilaborce, brook, well (128), 10.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20114, NMPC, veg.: *Alnus, Salix, Corylus, Rubus, Caltha, Mentha, Carex, Dipsacus*, Musci; Ondavská vrchovina hills, **Makovce** (161), 10.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20447, NMPC, veg.: *Alnus, Salix, Rubus, Polygonum, Lappa, Urtica*, Poaceae; Ondavská vrchovina hills, **Nová Polianka** env. Svidník (207), 12.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20377, NMPC, veg.: *Salix, Alnus, Corylus, Rubus, Typha, Lappa, Urtica*, Daucaceae; Laborecká vrchovina hills, **Korejovce** (117), 13.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20160, NMPC, veg.: *Salix, Alnus, Petasites, Dipsacus, Impatiens*, Musci, Poaceae; Ondavská vrchovina hills, **Jurkova Voľa** (103), 14.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20504, NMPC, veg.: *Salix, Rubus, Petasites, Mentha, Lappa, Artemisia, Urtica, Poaceae*; Ondavská vrchovina hills, **Sveržov** (311), 16.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20220, NMPC, veg.: *Salix, Alnus, Polygonum, Petasites*, Poaceae.

Comments: A common species known from Europe and Turkey.

***Pericoma* Walker, 1856 *Pachypericoma* Vaillant, 1978**

79. *Pericoma (Pachypericoma) blandula* Eaton, 1893

Published records: Rimavská Sobota (256), Vihorlat (361) (Szabó 1965a); Remetské Hámre (251) (Szabó 1965b); Podbanské (232) (Rozkošný 1971); Remetské Hámre (251) (Szabó 1972-73); Brehy (20), Revištské Podhradie (252), Soblahov (273) (Halgoš 1973); Brehy (20), Podbanské (232), Remetské Hámre (251), Revištské Podhradie (252), Soblahov (273) (Halgoš 1984); lower Váh river basin (149), Hron river basin (89), Slaná river basin (269), upper Váh river basin (345) (larvae, Bulánková 2003); Šišulákov mlyn mill (266) (Straka & Majzlan 2013).

Material examined: Košická kotlina basin, **Ruská Nová Ves** (260), 23.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20136, NMPC, veg.: *Populus, Salix, Fraxinus, Urtica, Ranunculus*; Košická kotlina basin, **Solivar** env. Prešov (275), 23.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20003, NMPC; Košická kotlina basin, **Teriakovce** env. Prešov (322), 23.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20519, NMPC; Východoslovenská pahorkatina hills, **Čaklov** (30), 25.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20552, NMPC, veg.: *Populus, Juglans, Sambucus, Crataegus, Urtica, Lappa*; Východoslovenská pahorkatina hills, **Soľ** (274), 25.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20434, NMPC, veg.: *Alnus, Salix, Sambucus, Urtica*; Laborecká vrchovina hills, **Dedačov** (44), 9.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20597, NMPC, veg.: *Salix, Alnus, Corylus, Asarum, Urtica*; Čierna hora Mts., **Čermel'** nr. Košice (31),

19.v.1980, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20371, NMPC, veg.: *Alnus*, *Salix*, *Carpinus*, *Petasites*, *Urtica*; Popradská kotlina basin, **Tatranská Lesná** (318), 23.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20546, NMPC, veg.: *Alnus*, *Scirpus*, *Filipendula*, *Urtica*; Popradská kotlina basin, **Červený potok** brook – Nová Lesná (34), 22.vii.1990, SW, 1M, P. Chvojka leg., J. Ježek det., slide Inv. No. 20413, NMPC; Laborecká vrchovina hills, **Krásny Brod** env. Medzilaborce, brook, well (128), 10.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20122, NMPC, veg.: *Alnus*, *Salix*, *Corylus*, *Rubus*, *Caltha*, *Mentha*, *Carex*, *Dipsacus*, Musci; Ondavská vrchovina hills, **Nová Polianka** env. Svidník (207), 12.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20381, NMPC, veg.: *Salix*, *Alnus*, *Corylus*, *Rubus*, *Typha*, *Lappa*, *Urtica*, *Daucaceae*; Laborecká vrchovina hills, **Svidnícke sedlo** saddleback env. Vyšný Komárnik, brook (312), 13.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20157, NMPC, veg.: *Corylus*, *Acer*, *Pirus*, *Carpinus*, *Salix*, *Rubus*, *Urtica*; Muránska planina Mts., **Muránska planina** plain (191), 22.vii.1999, SW, 1M, P. Chvojka leg., J. Ježek det., slide Inv. No. 20216, NMPC; Strážovské vrchy Mts., **Diviacka Nová Ves** (46), 20.v.2013, 1M, HC, J. Oboňa leg., J. Ježek det., slide Inv. No. 20084, NMPC; Strážovské vrchy Mts., **Trstenec** well env. Diviacka Nová Ves (334), 1.vii.2013, 1M, SW, J. Oboňa leg., J. Ježek det., slide Inv. No. 20226, NMPC.

Comments: Species widespread in Europe and recorded also in Transcaucasia, Tunisia, and Morocco.

80. *Pericoma (Pachypericoma) fallax* Eaton, 1893

Published records: Hučava stream (93) (larvae, Bulánková 1999, larvae, Bitušík et al. 2000); Kružlovská Huta (132) (Ježek 2006a).

Material examined: Košická kotlina basin, **Kokošovce** (115), 23.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20533, NMPC, veg.: *Alnus*, *Populus*, *Salix*, *Ranunculus*, *Geranium*, *Urtica*; Východoslovenská pahorkatina hills, **Čaklov** (30), 25.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20551, NMPC, veg.: *Populus*, *Juglans*, *Sambucus*, *Crataegus*, *Urtica*, *Lappa*; Slanské vrchy Mts., **Juskova Voľa** env., brook (104), 25.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20507, NMPC, veg.: *Fagus*, *Corylus*, *Carpinus*, *Rosa*, *Ranunculus*; Východoslovenská pahorkatina hills, **Soľ** (274), 25.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20433, NMPC, veg.: *Alnus*, *Salix*, *Sambucus*, *Urtica*; Bukovské vrchy Mts., **Kolbasov** (116), 6.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20612, NMPC, veg.: *Sambucus*, *Salix*, *Alnus*, *Urtica*; Vihorlatské vrchy Mts., **Zemplínske Hámre** brook (392), 6.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20336, NMPC, veg.: *Salix*, *Alnus*, *Urtica*; Laborecká vrchovina hills, **Dedačov** (44), 9.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20596, NMPC, veg.: *Salix*, *Alnus*, *Corylus*, *Asarum*, *Urtica*; Laborecká vrchovina hills, **Hankovce** (70), 9.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20513, NMPC, veg.: *Salix*, *Sambucus*, *Cornus*, *Urtica*; Popradská kotlina basin, **Svit**, brook (315), 13.vii.1987, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20396, NMPC, veg.: *Salix*, *Petasites*, *Urtica*; Beskydské predhorie Mts., **Ubl'a** (338), 16.vii.1990, SW, 1M, P. Chvojka leg., J. Ježek det., slide Inv. No. 20493, NMPC; Bukovské vrchy Mts., **Ubl'ianka** (339), 16.vii.1990, SW, 1M, P. Chvojka leg., J. Ježek det., slide Inv. No. 20593, NMPC; Oravská vrchovina Mts., **Podbiel** (233), 3.vi.1991, SW, 1M, P. Chvojka leg., J. Ježek det., slide Inv. No. 20123, NMPC; Laborecká vrchovina hills, **Malá Poľana** (164), 10.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20349, NMPC, veg.: *Fagus*, *Carpinus*, *Corylus*, *Rubus*, *Melampyrum*, *Daucaceae*; Ondavská vrchovina hills, **Makovce** (161), 10.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20452, NMPC, veg.: *Alnus*, *Salix*, *Rubus*, *Polygonum*, *Lappa*, *Urtica*, *Poaceae*; Ondavská vrchovina hills, **Bukovce** (25), 11.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20150, NMPC, veg.: *Salix*, *Alnus*, *Acer*, *Rubus*, *Humulus*, *Petasites*, *Lappa*, *Urtica*; Ondavská vrchovina hills, **Svidník** (313), 12.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20457, NMPC, veg.: *Salix*, *Alnus*, *Petasites*, *Symphytum*, *Mentha*, *Impatiens*, *Poaceae*; Laborecká vrchovina hills, **Korejovce** (117), 13.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20165, NMPC, veg.: *Salix*, *Alnus*, *Petasites*, *Dipsacus*, *Impatiens*, Musci, *Poaceae*; Ondavská vrchovina hills, **Jurkova Voľa** (103), 14.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20194, NMPC, veg.: *Salix*, *Rubus*, *Petasites*, *Mentha*, *Lappa*, *Artemisia*, *Urtica*, *Poaceae*; Ondavská vrchovina hills, **Kružlová** (131), 14.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20361, NMPC, veg.: *Alnus*, *Salix*, *Pinus*, *Pirus*, *Betula*, *Rubus*, *Petasites*, *Equisetum*; Ondavská vrchovina hills, **Nižná Pisaná**, brook (200), 14.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20215, NMPC, veg.: *Alnus*, *Salix*, *Carpinus*, *Geranium*, *Artemisia*, *Urtica*, Pteropsida, *Poaceae*; Ondavská vrchovina hills, **Sveržov** (311), 16.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20222, NMPC, veg.: *Salix*, *Alnus*, *Polygonum*, *Petasites*, *Poaceae*; Ondavská vrchovina hills, **Gerlachov** env. Bardejov (65), 17.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20376, NMPC, veg.: *Alnus*, *Salix*, *Rubus*, *Urtica*, *Poaceae*; Podbeskydská vrchovina Mts., **Biela Orava** nr. Lokca (15), 29.vi.1992, SW, 1M, P. Chvojka leg., J. Ježek det., slide Inv. No. 20574, NMPC; Chočské vrchy Mts., **Kvačianka** (133), 2.vii.1992, SW, 1M, P. Chvojka leg., J. Ježek det., slide Inv. No. 20521, NMPC; Ipeľská pahorkatina hills, **Ipeľ** nr. Šahy (96), 5.vii.1992, 1M, SW, P. Chvojka leg., J. Ježek det., slide Inv. No. 20559, NMPC; Strážovské vrchy Mts., **Diviacka Nová Ves** (46), 25.v.2012, 20.v.2013, 2M, all HC, J. Oboňa leg., J. Ježek det., slides Inv. No. 20024 and 20085, NMPC.

Comments: A European and western Siberian species.

81. *Pericoma (Pachypericoma) nielsenii* Kvifte, 2010

syn. *formosa* Nielsen, 1964

Published record: Kružľovská Huta (132) (Ježek 2006a).

Material examined: Ondavská vrchovina hills, **Bukovce** (25), 11.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20146, NMPC, veg.: *Salix*, *Alnus*, *Acer*, *Rubus*, *Humulus*, *Petasites*, *Lappa*, *Urtica*; Strážovské vrchy Mts., **Diviacka Nová Ves** (46), 20.v.2013, 1M, HC, J. Oboňa leg., J. Ježek det., slide Inv. No. 20083, NMPC.

Comments: Not common European species, overlooked, published as *Pericoma formosa* Nielsen, 1964 in the past. The synonymy was explained by Kvifte (2010).

Pericoma s. str.

82. *Pericoma (Pericoma) calcilega* Feuerborn, 1923

Published records: Soblahov (273) (Halgoš 1973); Oravský Podzámok (219), Soblahov (273) (Halgoš 1984); lower Váh river basin (149), upper Váh river basin (345) (larvae, Bulánková 2003).

Comments: Rather rare European species. The assessment of the current conservation status: EN.

83. *Pericoma (Pericoma) diversa* Tonnoir, 1919

Published records: Bukovinka (28) (larvae, Krno 1992); upper Váh river basin (344) (larvae, Bulánková 2003).

Comments: For Slovakia seemingly mysterious species recently. Generally rare European species, from Slovakia known only from larvae so far, traps for a monitoring of the occurrence of adults must be installed in future in meanders of the Váh river. The assessment of the current conservation status: NS.

84. *Pericoma (Pericoma) exquisita* Eaton, 1893

Material examined: Veporské vrchy Mts., **Príslop** (240), 8.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20267, NMPC, veg.: *Alnus*, *Juncus*, *Mentha*, *Carex*; Laborecká vrchovina hills, **Hankovce** (70), 9.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20511, NMPC, veg.: *Salix*, *Sambucus*, *Cornus*, *Urtica*; Ondavská vrchovina hills, **Makovce** (161), 10.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20449, NMPC, veg.: *Alnus*, *Salix*, *Rubus*, *Polygonum*, *Lappa*, *Urtica*, Poaceae; Ondavská vrchovina hills, **Bukovce** (25), 11.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20145, NMPC, veg.: *Salix*, *Alnus*, *Acer*, *Rubus*, *Humulus*, *Petasites*, *Lappa*, *Urtica*; Laborecká vrchovina hills, **Korejovce** (117), 13.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20162, NMPC, veg.: *Salix*, *Alnus*, *Petasites*, *Dipsacus*, *Impatiens*, Musci, Poaceae; Ondavská vrchovina hills, **Jurkova Voľa** (103), 14.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20506, NMPC, veg.: *Salix*, *Rubus*, *Petasites*, *Mentha*, *Lappa*, *Artemisia*, *Urtica*, Poaceae; Ondavská vrchovina hills, **Kružľová** (131), 14.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20356, NMPC, veg.: *Alnus*, *Salix*, *Pinus*, *Pirus*, *Betula*, *Rubus*, *Petasites*, *Equisetum*; Ondavská vrchovina hills, **Sveržov** (311), 16.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20221, NMPC, veg.: *Salix*, *Alnus*, *Polygonum*, *Petasites*, Poaceae; Podbeskydská vrchovina Mts., **Biela Orava** nr. Lokca (15), 29.vi.1992, SW, 1M, P. Chvojka leg., J. Ježek det., slide Inv. No. 20573, NMPC; Oravská kotlina basin, **Oravská Jasenica** (216), 29.vi.1992, SW, 1M, P. Chvojka leg., J. Ježek det., slide Inv. No. 20614, NMPC; Hornonitrianska kotlina basin, **Nitrianske Rudno**, dyke drain, southern part of water reservoir (196), 48° 48' 10.1 " N, 18° 29' 8.6" E, 305 m a.s.l., 28.vii.2012, SW, 2M, J. Oboňa leg., J. Ježek det., slides Inv. No. 20027 and 20028, NMPC.

Comments: Species widespread in Europe, North Africa and Transcaucasia. In Europe known from Albania, Austria, Belgium, Bulgaria, Czech Republic, Crete, Croatia, France, Germany, Great Britain, Greece, Hungary, Ireland, Poland and Slovenia (Ježek 2009, Wagner 2011, Kvifte et al. 2013). Morphological characters of the species see Figs 5, 6: 1-14. All above mentioned localities are included in Map 8. **New species for Slovakia.** The assessment of the current conservation status: EN.

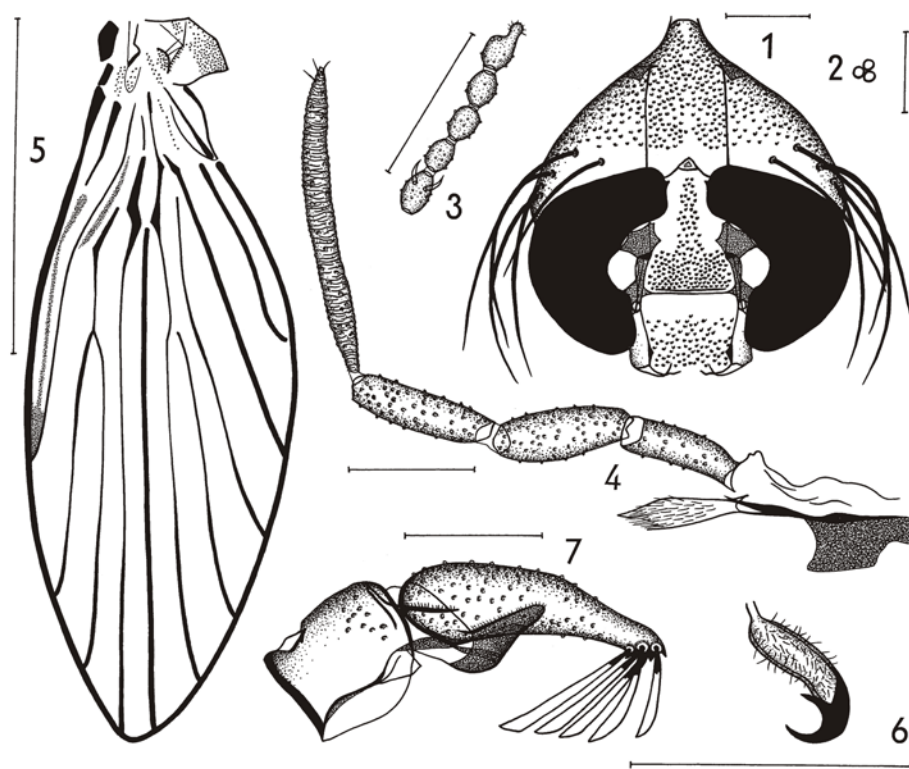


Fig 5: *Pericoma (Pericoma) exquisita* Eaton, 1893, male. 1 – head; 2 – facets; 3 – terminal antennomeres; 4 – maxilla and palpus maxillaris; 5 – wing; 6 – claw of P1; 7 – epandrium and surstyli, lateral view. Scales mostly 0.1 mm, 0.05 mm (6), 1 mm (5).

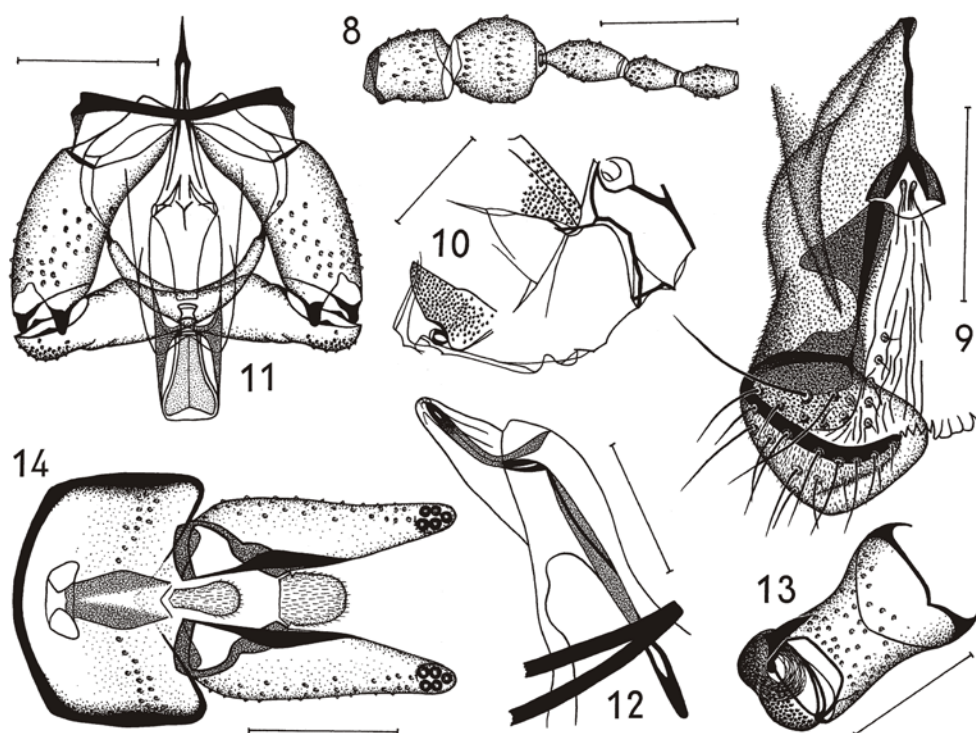


Fig 6: *Pericoma (Pericoma) exquisita* Eaton, 1893, male. 8 – basal antennomeres; 9 – terminal lobe of labium; 10 – thoracic sclerites; 11 – aedeagal complex and gonopods, dorsall view; 12 – aedeagal complex, lateral view; 13 – gonopod, lateral view; 14 – epandrium and surstyli, dorsal view. Scales mostly 0.1 mm, 0.05 mm (9), 0.2 mm (10).

85. *Pericoma (Pericoma) ljubiniensis* Krek, 1969

Material examined: Oravské Beskydy Mts., **Babia hora Mt.** env. Bystré (4), 1300 m a.s.l., 30.vi.1992, SW, 1M, P. Chvojka leg., J. Ježek det., slide Inv. No. 20326, NMPC; Podbeskydská brázda furrow, **Oravská Polhora** env. Borsušie (217), 30.vi.1992, SW, 1M, P. Chvojka leg., J. Ježek det., slide Inv. No. 20253, NMPC; Chočské vrchy Mts., **Valaská Dubová**, well (347), 4.vii.1992, SW, 1M, P. Chvojka leg., J. Ježek det., slide Inv. No. 20317, NMPC.

Comments: A scarce species, so far known only from Bosnia and the Czech Republic (Ježek & Omelková 2012). All above mentioned localities are included in Map 8. **New species for Slovakia.** The assessment of the current conservation status: CR.

86. *Pericoma (Pericoma) pallida* Vaillant, 1978

Published record: Margecany (169) (Ježek 2009b).

Material examined: Nízke Tatry Mts., **Pohronský Bukovec** (235), 18.ix.1985, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20011, NMPC, veg.: *Alnus*, *Caltha*, *Filipendula*; Popradská kotlina basin, **Lučivná – Sviniarka** (153), 938 m a.s.l., 13.vii.1987, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19939, NMPC, veg.: *Picea*, *Alnus*, *Caltha*, *Filipendula*, *Equisetum*; Laborecká vrchovina hills, **Krásny Brod** env. Medzilaborce, brook, well (128), 10.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20120, NMPC, veg.: *Alnus*, *Salix*, *Corylus*, *Rubus*, *Caltha*, *Mentha*, *Carex*, *Dipsacus*, Musci; Chočské vrchy Mts., **Valaská Dubová**, well (347), 6.vii.1994, SW, 1F, P. Lauterer leg., J. Ježek det., slide Inv. No. 20316, NMPC; Strážovské vrchy Mts., env. Diviacka Nová Ves, well – **Olavec** (212), 290 m a.s.l., 22.vi.2012, SW, 1M, J. Oboňa leg., J. Ježek det., slide Inv. No. 20030, NMPC.

Comments: A rare species known only from Spain, Czech Republic and Slovakia. The assessment of the current conservation status: NS.

87. *Pericoma (Pericoma) pingarestica* Vaillant, 1978

Published record: Furmanec river (63) (Ježek 2006a).

Material examined: Strážovské vrchy Mts., **Trstenec** well env. Diviacka Nová Ves (334), 1.vii.2013, 1M, SW, J. Oboňa leg., J. Ježek det., slide Inv. No. 20224, NMPC.

Comments: A rare European species. The assessment of the current conservation status: NS.

88. *Pericoma (Pericoma) pseudoexquisita* Tonnoir, 1940

Published records: Gidra stream (67) (larvae, Bulánková et al. 2001, Bulánková 2002); lower Váh river basin (149) (larvae, Bulánková 2003); Majdan (160), Mengusovce (178), Host'ovce (82) (larvae, Mišíková Elexová 2010).

Material examined: Strážovské vrchy Mts., **Diviacka Nová Ves** (46), 20.v.2013, 1M, HC, J. Oboňa leg., J. Ježek det., slide Inv. No. 20086, NMPC.

Comments: A not common European species. Morphological characters of the species see Figs 7, 8: 15-28. Until now, known from Slovakia only as larvae, this is **first adult record** of this species in Slovakia.

89. *Pericoma (Pericoma) tatrica* Szabó, 1960

Published records: Mlynica (183) (Szabó 1960, 1965a); upper Váh river basin (345) (larvae, Bulánková 2003).

Comments: Rare central European species. The assessment of the current conservation status: NS.

90. *Pericoma (Pericoma) tonnoiri* Vaillant, 1978

syn. *Pericoma calcilega* auct. nec Feuerborn, 1923

Published records: Oravský Podzámok (219) (Tonnoir 1940 as *calcilega*, Szabó 1965a,b as *calcilega*, Vaillant 1978 as *tonnoiri*).

Comments: A rare European species. The assessment of the current conservation status: NS.

91. *Pericoma (Pericoma) trifasciata* (Meigen, 1804)

Published records: Vlkolínec (364) (Szabó 1965a); Ružomberok (261) (Szabó 1972-73, Halgoš 1984); Slaná river basin (269), upper Váh river basin (345) (larvae, Bulánková 2003).

Material examined: Liptovská kotlina basin, **Liptovský Hrádok** (146), 8.ix.1986, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19954, NMPC, veg.: *Alnus*, *Crataegus*, *Salix*, *Picea*, *Petasites*, *Urtica*.

Comments: A locally occurring European species.

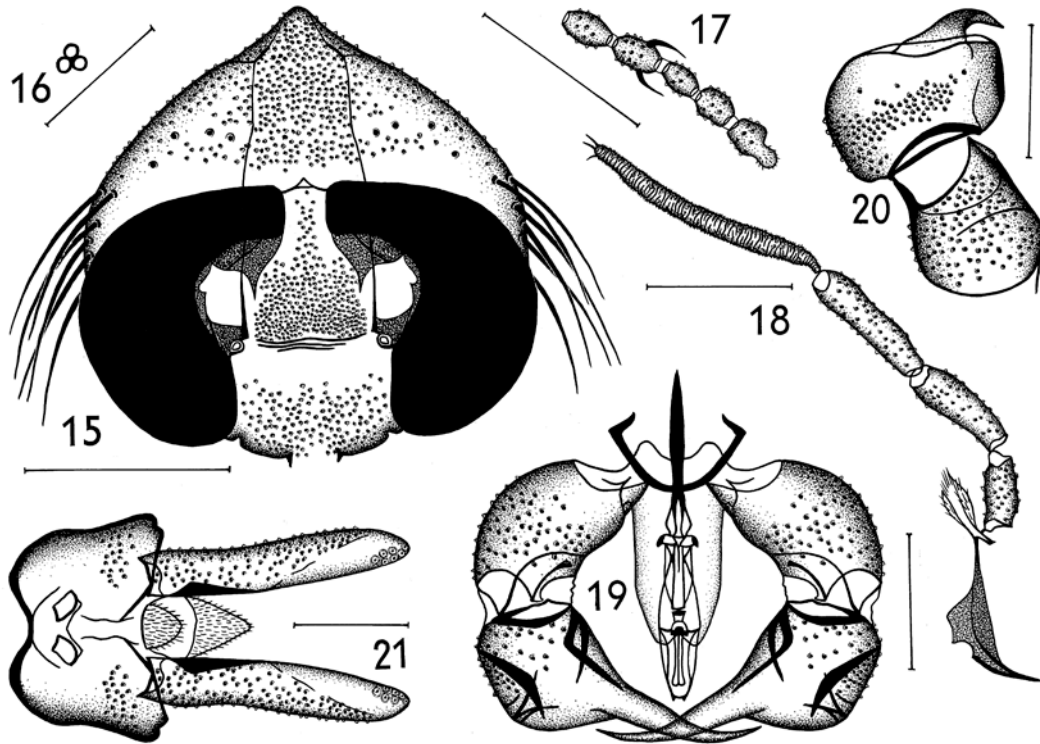


Fig 7: *Pericoma (Pericoma) pseudoexquisita* Tonnoir, 1940, male. 15 – head; 16 – facets; 17 – terminal antennomeres; 18 – maxilla and palpus maxillaris; 19 – aedeagal complex and gonopods, dorsall view; 20 – gonopod, lateral view; 21 – epandrium and surstyli, dorsal view. Scales mostly 0.1 mm, 0.2 mm (15).

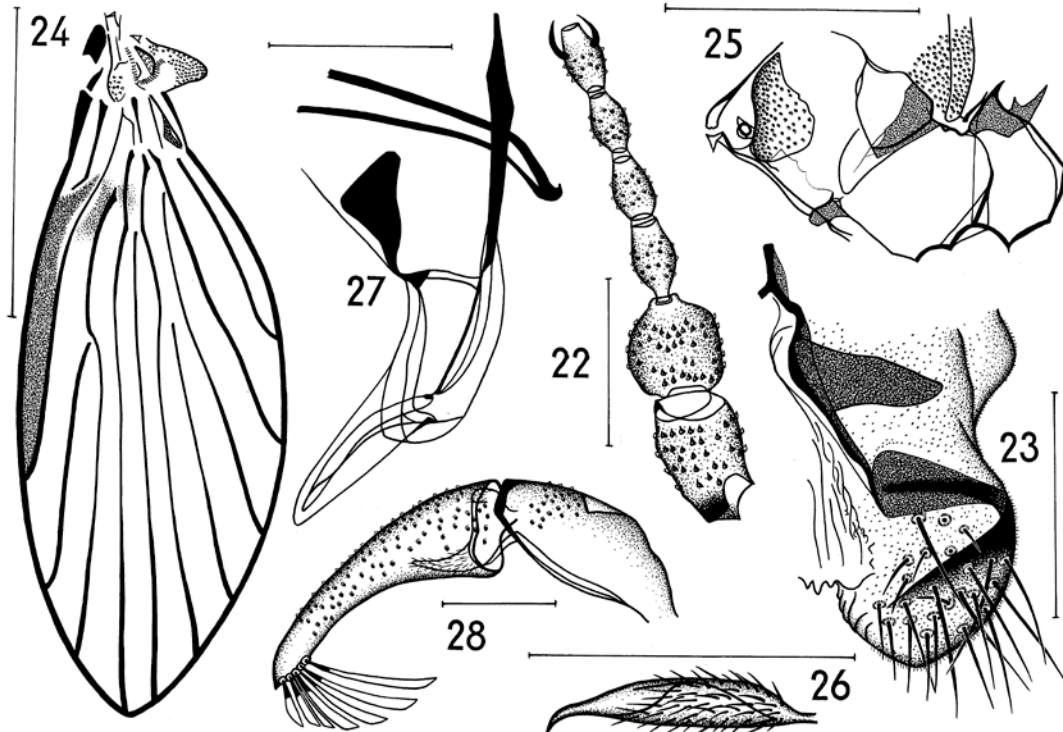
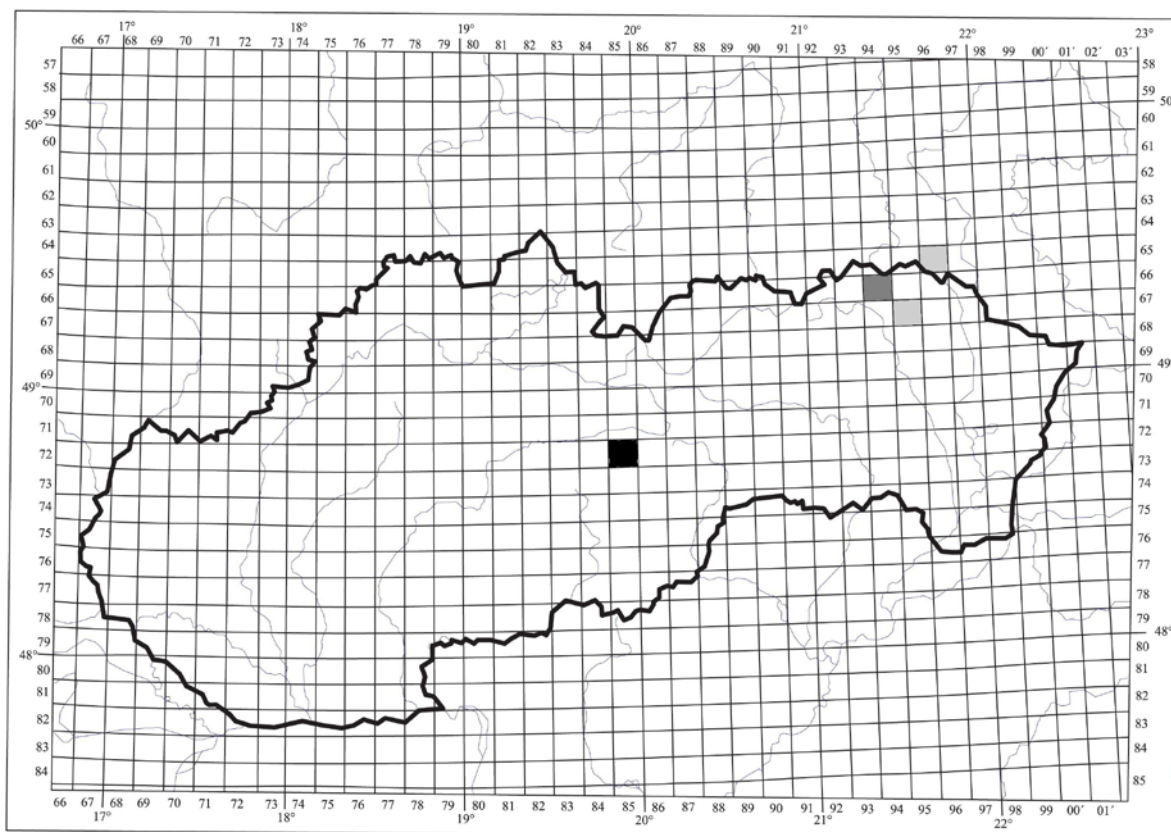


Fig 8: *Pericoma (Pericoma) pseudoexquisita* Tonnoir, 1940, male. 22 – basal antennomeres; 23 – terminal lobe of labium; 24 – wing; 25 – thoracal sclerites; 26 – claw of P1; 27 – aedeagal complex, lateral view; 28 – epandrium and surstyli, lateral view. Scales mostly 0.1 mm, 1 mm (24), 0.5 mm (25), 0.05 mm (26).

92. *Pericoma (Pericoma) vestita* Vaillant & Withers, 1993

Material examined: Muránska planina Mts., **Hrdzavá** (84), 19.vii.1999, SW, 1M, P. Chvojka leg., J. Ježek det., slide Inv. No. 20555, NMPC.

Comments: A rare European species, known only from the Czech Republic, France and Germany (Ježek & Omelková 2012). The above mentioned locality is included in Map 9. **New species for Slovakia.** The assessment of the current conservation status: NS.



Map 9: Map showing Slovakian records of *Pericoma (Pericoma) vestita* Vaillant & Withers, 1993 black square (DFS: 7285 – Hrdzavá), *Pneumia compta* (Eaton, 1893) dark gray square (DFS: 6694 – Šarišské Čierne) and *Pneumia kabelaki* Omelková & Ježek, 2012 light gray squares (DFS: 6596 – Svidnícke sedlo saddleback, 6795 – Nová Polianka).

Pneumia Enderlein, 1935

93. *Pneumia canescens* (Meigen, 1804)

Published records: Bratislava (19) (larvae, Mayer 1938); Il'anova (94), Liptovské Kľačany (1434) (Ježek 1993); upper Váh river basin (345) (larvae, Bulánková 2003).

Material examined: Laborecká vrchovina hills, **Krásny Brod** env. Medzilaborce, brook, well (128), 10.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20112, NMPC, veg.: *Alnus*, *Salix*, *Corylus*, *Rubus*, *Caltha*, *Mentha*, *Carex*, *Dipsacus*, Musci; Malé Karpaty Mts., **Dúbravka** (57), 18.viii.2011, SW, 1M, J. Lukáš leg., J. Ježek det., slide Inv. No. 20627, NMPC; Malé Karpaty Mts., **Mokrý potok** brook (184), 210 - 309 m a.s.l., 25.viii.2011, SW, 2M, J. Lukáš leg., J. Ježek det., slides Inv. No. 20641 and 20649, NMPC; Malé Karpaty Mts., **Fialkový potok** brook (62), 224 - 247 m a.s.l., 4.ix.2011, SW, 2M, J. Lukáš leg., J. Ježek det., slides Inv. No. 20632 and 20636, NMPC.

Comments: A common species, widely distributed in Europe, western Siberia and Afghanistan. In Slovakia not quite common.

94. *Pneumia compta* (Eaton, 1893)

Material examined: Ondavská vrchovina hills, Šarišské Čierne (263), 15.ix.1991, SW, 3M, J. Ježek leg. & det., slides Inv. No. 20183, 20184 and 20185, NMPC, veg.: *Salix*, *Alnus*, *Pirus*, *Frangula*, *Evonymus*, *Rubus*, *Urtica*, *Daucaceae*.

Comments: A rare species known from Austria, Belgium, Czech Republic, Denmark, Germany, Great Britain, Ireland, Italy, and the Netherlands (Ježek & Omelková 2012). The above mentioned locality is included in Map 9. **New species for Slovakia.** The assessment of the current conservation status: NS.

95. *Pneumia crisp* (Freeman, 1953)

Published record: Stužica (301) (Ježek 2006a).

Material examined: Bukovské vrchy Mts., **Havešová** (71), 12.viii.2003, SW, 1M, J. Ševčík leg., J. Ježek det., slide Inv. No. 12024, NMPC; Laborecká vrchovina hills, **Starina** env., brook (288), 13.viii.2003, SW, 1M, J. Ševčík leg., J. Ježek det., slide Inv. No. 12029, NMPC, veg. *Alnus*, *Fagus*, *Carpinus*.

Comments: A rare European species. The assessment of the current conservation status: EN.

96. *Pneumia cubitospinosa* (Jung, 1954)

Published record: Stužica (301) (Ježek 2006a).

Comments: A rare European species. The assessment of the current conservation status: EN.

97. *Pneumia fonticola* (Szabó, 1960)

Published records: Košická Belá (123), Zlatá Baňa (395) (Ježek 2003); Hrochotská dolina valley (87) (Ježek 2009a).

Material examined: Bukovské vrchy Mts., **Nová Sedlica** (208), 9.v.-3.vii. 2002, YPT, 1M, J. Ševčík leg., J. Ježek det., slide Inv. No. 19961, NMPC; Bukovské vrchy Mts., **Havešová** (71), 12.viii.2003, SW, 1M, J. Ševčík leg., J. Ježek det., slide Inv. No. 12023, NMPC; Laborecká vrchovina hills, **Starina** env., brook (2878), 13.viii.2003, SW, 1M, J. Ševčík leg., J. Ježek det., slide Inv. No. 12027, NMPC, veg. *Alnus*, *Fagus*, *Carpinus*; Kremnické vrchy Mts., **Železná Breznica** env., brook (390), 30.iv.2012, 30.iv.2013, SW, 2M, J. Oboňa leg., J. Ježek det., slides Inv. No. 20037 and 20060, NMPC.

Comments: A European species. The assessment of the current conservation status: NS.

98. *Pneumia gracilis gracilis* (Eaton, 1893)

Published records: Fialkový potok brook (62), Mokrá potok brook (184), Veľkolúcky potok brook (355) (Ježek et al. 2012).

Material examined: Košická kotlina basin, **Ruská Nová Ves** (260), 23.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20137, NMPC, veg.: *Populus*, *Salix*, *Fraxinus*, *Urtica*, *Ranunculus*; Čierna hora Mts., **Kavečany** brook (109), 19.v.1980, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20202, NMPC, veg.: *Fagus*, *Salix*, *Alnus*, *Petasites*, *Urtica*; Laborecká vrchovina hills, **Krásny Brod** env. Medzilaborce, brook, well (128), 10.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20118, NMPC, veg.: *Alnus*, *Salix*, *Corylus*, *Rubus*, *Caltha*, *Mentha*, *Carex*, *Dipsacus*, *Musci*; Kremnické vrchy Mts., **Železná Breznica** env., brook (390), 29.iv.2012, SW, 1M, J. Oboňa leg., J. Ježek det., slide Inv. No. 20046, NMPC.

Comments: A European species, published from several countries, not too frequent.

99. *Pneumia kabelaki* Omelková & Ježek, 2012

Material examined: Ondavská vrchovina hills, **Nová Polianka** env. Svidník (207), 12.ix.1991, SW, 2M, J. Ježek leg. & det., slides Inv. No. 20379 and 20380, NMPC, veg.: *Salix*, *Alnus*, *Corylus*, *Rubus*, *Typha*, *Lappa*, *Urtica*, *Daucaceae*; Laborecká vrchovina hills, **Svidnícke sedlo** saddleback env. Vyšný Komárnik, brook (313), 13.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20158, NMPC, veg.: *Corylus*, *Acer*, *Pirus*, *Carpinus*, *Salix*, *Rubus*, *Urtica*.

Comments: Probably a central European species, known only from the Czech Republic (Omelková & Ježek 2012a). The above mentioned localities are included in Map 9. **New species for Slovakia.** The assessment of the current conservation status: NS.

100. *Pneumia mutua* (Eaton, 1893)

Published records: Vyšné Hágy (376) (Szabó 1965a,b); Račková dolina valley (244 – Fig. 9) (Rozkošný 1971); Račková dolina valley (244), Vyšné Hágy (376) (Halgoš 1984); Baláže (6), Bystrá (29), Kropáčová (130), Lomníštá dolina valley (148), Piesky (224), Staré Hory (287), Strmý vrštek hill (298), Špania Dolina (280), Tále (316) (Ježek 1993); Hučava stream (93), Mičová stream (181) (larvae, Bulánková 1999, larvae, Bitušik et al. 2000); Hron river basin (89), upper Váh river basin (345) (larvae, Bulánková 2003); Hrončecký grúň slope (90) (Ježek 2009a).

Material examined: Slanské vrchy Mts., **Červenica** (33), 24.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20276, NMPC, veg.: *Alnus*, *Corylus*, *Sorbus*, *Scirpus*, *Juncus*, *Equisetum*; Slanské vrchy Mts., **Tuhrina** (335), 24.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20173, NMPC, veg.: *Fagus*, *Carpinus*, *Alnus*, *Viola*; Košická kotlina basin, **Herľany** (3), 26.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20128, NMPC, veg.: *Rosa*, *Rubus*, *Asperula*, *Urtica*; Košická kotlina basin, **Vyšná Kamenica** (374), 26.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20255, NMPC, veg.: *Fagus*, *Acer*, *Impatiens*, *Asperula*, Pteropsida; Košická kotlina basin, **Košický Klečenov** (124), 26.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20432, NMPC, veg.: *Fagus*, *Asarum*, *Trifolium*, *Asperula*; Popradská kotlina basin, **Tatranská Kotlina** (317), 16.vi.1982, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19990, NMPC, veg.: *Picea*, *Caltha*; Vysoké Tatry Mts., **Lysá Poľana** env., Žabí potok brook (158), 24.vi.1982, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19998, NMPC, veg.: *Picea*; Vysoké Tatry Mts., **Holica** (77), 1630 m a.s.l., 26.vi.1982, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20134, NMPC, veg.: *Picea*, *Petasites*, Musci; Vysoké Tatry Mts., **Suchý vrch** env. Javorina (306), 26.vi.1982, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20017, NMPC, veg.: *Picea*, *Rubus*, *Petasites*, *Caltha*, *Trollius*; Vysoké Tatry Mts., **Mengusovce** (178), 19.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19987, NMPC, veg.: *Betula*, *Picea*, *Caltha*, *Rumex*, *Urtica*; Nízke Tatry Mts., **Baláže** (6), 3.vi.1984, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20477, NMPC, veg.: *Fagus*, *Urtica*; Popradská kotlina basin, **Skalnatý potok brook** env. Tatranská Lomnica (267), 8.vii.1987, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19957, NMPC, veg.: *Picea*, *Rubus*, *Petasites*, *Geum*; Oravské Beskydy Mts., **Babia hora** env. Bystré (4), 1300 m a.s.l., 30.vi.1992, SW, 1M, P. Chvojka leg., J. Ježek det., slide Inv. No. 20325, NMPC; Podbeskydská brázda furrow, **Oravské Veselé** (218), 29.vi.1992, SW, 1M, P. Chvojka leg., J. Ježek det., slide Inv. No. 20217, NMPC; Kremnické vrchy Mts., **Železná Breznica** env., brook (390), 29.iv.2012, SW, 1M, J. Oboňa leg., J. Ježek det., slide Inv. No. 20044, NMPC.

Comments: A common species distributed largely in western and central Europe and Scandinavia.

101. *Pneumia nubila* (Meigen, 1818)

Published records: Remetské Hámre (251), Rimavská Sobota (256) (Szabó 1965a,b); Revišské Podhradie (252), Soblahov (273) (Halgoš 1973); Remetské Hámre (251), Revišské Podhradie (252), Rimavská Sobota (256), Soblahov (273) (Halgoš 1984); Nad Šenkárou (193) (Straka & Majzlan 2006); Čierna Lehota (37), Žitná – Radiša (394) (Straka & Majzlan 2007); Danielov dom (43), Štart (289) (Straka & Majzlan 2009); Dubová (55), Dudváh (58), Súčanka (303) (Straka 2009); Šúr (309) (Straka & Majzlan 2010a), Bábsky les forest (5) (Straka & Majzlan 2010b); Šišulákov mlyn mill (266) (Straka & Majzlan 2013).

Material examined: Košická kotlina basin, **Solivar** env. Prešov (275), 23.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19966, NMPC; Slanské vrchy Mts., **Červenica** (33), 24.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20277, NMPC, veg.: *Alnus*, *Corylus*, *Sorbus*, *Scirpus*, *Juncus*, *Equisetum*; Východoslovenská pahorkatina hills, **Čaklov** (30), 25.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20550, NMPC, veg.: *Populus*, *Juglans*, *Sambucus*, *Crataegus*, *Urtica*, *Lappa*; Slanské vrchy Mts., **Juskova Voľa** env., brook (104), 25.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20190, NMPC, veg.: *Fagus*, *Corylus*, *Carpinus*, *Rosa*, *Ranunculus*; Košická kotlina basin, **Herľany** (72), 26.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20125, NMPC, veg.: *Rosa*, *Rubus*, *Asperula*, *Urtica*; Laborecká vrchovina hills, **Belá nad Cirochou**, brook (14), 6.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20001, NMPC, veg.: *Salix*, *Alnus*, *Caltha*, *Urtica*; Nízke Tatry Mts., **Brusno** env. Brezno (24), 16.ix.1985, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20092, NMPC, veg.: *Salix*, *Alnus*, *Corylus*, *Urtica*, *Asarum*; Laborecká vrchovina hills, **Krásny Brod** env. Medzilaborce, brook, well (128), 10.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20109, NMPC, veg.: *Alnus*, *Salix*, *Corylus*, *Rubus*, *Caltha*, *Mentha*, *Carex*, *Dipsacus*, Musci; Malé Karpaty Mts., **Dúbravka** (57), 18.viii.2011, SW, 2M, J. Lukáš leg., J. Ježek det., slides Inv. No. 20628 and 20643, NMPC; Malé Karpaty Mts., **Mokrý potok** brook (184), 210 - 309 m a.s.l., 25.viii.2011, SW, 2M, J. Lukáš leg., J. Ježek det., slides Inv. No. 20621 and 20647, NMPC; Malé Karpaty Mts., **Fialkový potok** brook (61), 247 m a.s.l., 4.ix.2011, SW, 1M, J. Lukáš leg., J. Ježek det., slide Inv. No. 20634, NMPC; Považský Inovec Mts., **Lúka** (155), 18.iv.2013, SW, 1M, J. Oboňa leg., J. Ježek det., slide Inv. No. 20078, NMPC; Kremnické vrchy Mts., **Železná Breznica** env., brook (390), 30.iv.2013, SW, 1M, J. Oboňa leg., J. Ježek det., slide Inv. No. 20057, NMPC; Strážovské vrchy Mts., **Diviacka Nová Ves** (46), 20.v.2013, 1M, HC, J. Oboňa leg., J. Ježek det., slide Inv. No. 20082, NMPC; Strážovské vrchy

Mts., **Trstenec** well env. Diviacka Nová Ves (334), 1.vii.2013, 1M, SW, J. Oboňa leg., J. Ježek det., slide Inv. No. 20223, NMPC.

Comments: A very common species, recorded from throughout Europe and the Canary Islands.

102. *Pneumia palustris* (Meigen, 1804)

Published record: Solivar (275) (Ježek 2006a).

Material examined: Košická kotlina basin, **Solivar** env. Prešov (275), 23.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19967, NMPC; Slanské vrchy Mts., **Juskova Voľa** env., brook (104), 25.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20193, NMPC, veg.: *Fagus*, *Corylus*, *Carpinus*, *Rosa*, *Ranunculus*; Čierna hora Mts., **Čermel'** nr. Košice (31), 19.v.1980, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20369, NMPC, veg.: *Alnus*, *Salix*, *Carpinus*, *Petasites*, *Urtica*; Čierna hora Mts., **Margecany** brook (169), 20.v.1980, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20273, NMPC, veg.: *Mentha*, *Carex*, *Urtica*; Laborecká vrchovina hills, **Starina** env., brook (288), 13.viii.2003, SW, 1M, J. Ševčík leg., J. Ježek det., slide Inv. No. 12026, NMPC, veg.: *Alnus*, *Fagus*, *Carpinus*; Malé Karpaty Mts., **Mokrý potok** brook (184), 210 m a.s.l., 25.viii.2011, SW, 1M, J. Lukáš leg., J. Ježek det., slide Inv. No. 20630, NMPC; Kremnické vrchy Mts., **Železná Breznica** env., brook (390), 30.iv.2012, SW, 1M, J. Oboňa leg., J. Ježek det., slide Inv. No. 20038, NMPC.

Comments: A species widespread in Europe, the Canary Islands and Turkey.

103. *Pneumia pilularia* (Tonnoir, 1940)

Published records: Šúr (309) (Halgoš 1973, Halgoš 1984); Dunaj river basin (60) (larvae, Bulánková 2003).

Material examined: Nízke Tatry Mts., **Brusno** env. Brezno (24), 16.ix.1985, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20094, NMPC, veg.: *Salix*, *Alnus*, *Corylus*, *Urtica*, *Asarum*; Ondavská vrchovina hills, **Kružlová** (131), 14.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20355, NMPC, veg.: *Alnus*, *Salix*, *Pinus*, *Pirus*, *Betula*, *Rubus*, *Petasites*, *Equisetum*; Ondavská vrchovina hills, **Gerlachov** env. Bardejov (65), 17.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20372, NMPC, veg.: *Alnus*, *Salix*, *Rubus*, *Urtica*, Poaceae; Čergov Mts., **Hromacký vrch** env. Livov (88), 830 m a.s.l., 26.ix.1992, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20577, NMPC, veg.: *Fagus*, *Picea*, *Pinus*, *Abies*, *Betula*, *Mentha*, Poaceae; Čergov Mts., **Olejníkov** (214), 26.ix.1992, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20391, NMPC, veg.: *Alnus*, *Rubus*, *Petasites*, *Caltha*, *Urtica*, *Mentha*, Marchantiopsida.

Comments: Relatively sporadic European species.

104. *Pneumia plumicornis* (Tonnoir, 1922)

Published records: Demänovská dolina valley (45), Korytnica (118), Nižné Hágy (201), Tatranská Kotlina (317), Tatranská Lomnica (319), Vyšné Hágy (376) (Szabó 1965a,b); Horný Smokovec (79) (Szabó 1965b); Demänovská dolina valley (45), Horný Smokovec (79), Korytnica (118), Nižné Hágy (201), Tatranská Lomnica (319), Vyšné Hágy (376) (Halgoš 1984); Liptovská Porúbka (142), Ludrová (153), Patočiny (222), Stanišovská dolina valley (282), Stanišovské sedlo saddleback (283) (Ježek 1993); Antalova studnička well (2), Bánovo (7), Čierny Hron brook (39), Dlhý Grúň (47), Hiadeľské sedlo saddleback (75), Prostredná stream (241), Rakytovo brook (247) (Ježek 1997); Štart (289) (Straka & Majzlan 2009).

Material examined: Nízke Tatry Mts., **Liptovská Lúžna** (141), 13.ix.1985, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20284, NMPC, veg.: *Salix*, *Grossularia*, *Petasites*, *Mentha*, *Urtica*; Nízke Tatry Mts., **Stanišovské sedlo** saddleback nr. Liptovská Porúbka (283), 8.ix.1986, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19975, NMPC; Čergov Mts., **Baranie** (10), 25.ix.1992, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20437, NMPC, veg.: *Betula*, *Pinus*, *Rubus*, *Mentha*, *Equisetum*, *Caltha*, *Hypericum*, Pteropsida; Čergov Mts., **Lysá** (159), 1068 m a.s.l., 25.ix.1992, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20386, NMPC, veg.: *Picea*, *Pinus*, *Betula*, *Corylus*, *Juniperus*, *Hypericum*, *Caltha*; Čergov Mts., **Tokáreň** (325), 25.ix.1992, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20441, NMPC, veg.: *Acer*, *Picea*, *Fagus*, *Corylus*, *Mentha*, *Caltha*; Čergov Mts., **Majdan** (160), 26.ix.1992, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20296, NMPC, veg.: *Fagus*, *Urtica*, *Aruncus*, Pteropsida, Musci; Čergov Mts., **Olejníkov** (214), 26.ix.1992, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20387, NMPC, veg.: *Alnus*, *Rubus*, *Petasites*, *Caltha*, *Urtica*, *Mentha*, Marchantiopsida; Čergov Mts., **Minčol** (182), 27.ix.1992, SW, 2M, J. Ježek leg. & det., slides Inv. No. 20143 and 20319, NMPC, veg.: *Picea*, *Acer*, *Rubus*, *Juncus*; Malá Fatra Mts., **Pivovarský potok** brook (228), 1120 m a.s.l., 24.ix.1993, SW, 1M, P. Chvojka leg., J. Ježek det., slide Inv. No. 20124, NMPC.

Comments: A central European species.

105. *Pneumia rivularis* Berdén, 1954

Published records: Hrochotská dolina valley (87), Hrončeký grúň slope (90) (Ježek 2009a).

Material examined: Podbeskydská brázda, **Oravské Veselé** (218), 29.vi.1992, SW, 1M, P. Chvojka leg., J. Ježek det., slide Inv. No. 20218, NMPC.

Comments: A rare European species, the assessment of the current conservation status: EN.

106. *Pneumia stammeri* (Jung, 1956)

Published records: Gader (64), Turiec (336), Valča (348) (larvae, Bulánková 1991); Morava river (187) (larvae, Krno et al. 1994); Malá Homôlka (162) (larvae, Bulánková & Halgoš 1995); Malá Homôlka (162), Veľká Homôlka (352) (larvae, Krno et al. 1995); Turiec (336) (larvae, Bulánková & Degma 1996); Hučava stream (93), Mičová stream (181) (larvae, Bulánková 1999, larvae, Bitušik et al. 2000); Kamenný potok brook (105) (larvae, Bulánková et al. 2001); Gidra stream (67) (larvae, Bulánková 2002); Hron river basin (89), Latorica river basin (137), Morava river basin (186), Slaná river basin (269), upper Váh river basin (345) (larvae, Bulánková 2003); Stupavský potok brook (300) (larvae, Bulánková 2007); Val'kovňa (349) (larvae, Bulánková & Némethová 2007); Hluboký potok brook (76), Stuzická rieka stream (302) (larvae, Novikmec et al. 2007); Horáreň Sliače (78), Hriňová (86), Hrušovo (92), Jakubany (97), Kľačno (113), Liptovská Teplička (143), Majdan (160), Monkova dolina valley (185), Poráč (257), Rajecká Lesná (245), Revúčka (254), Senné (265), Šuja (307), Tužina (337), Veľký Dvor (357), Vernár (360), Vrátna dolina valley (370), Vyšná Maša (375), Zimovci (393), Železná studnička well (391) (larvae, Mišíková Elexová 2010); Vydrlica stream (373) (larvae, Števoe & Bulánková 2010).

Material examined: Slanské vrchy Mts., **Lúčina** (152), 24.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20257, NMPC, veg.: *Betula*, *Alnus*, *Mentha*, *Ajuga*, *Scirpus*; Východoslovenská pahorkatina hills, **Zámutov** env. Vranov nad Topľou, brook (384), 24.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20104, NMPC, veg.: *Fagus*, *Betula*, *Mentha*, *Urtica*; Čierna hora Mts., **Čermel'** nr. Košice (31), 19.v.1980, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20368, NMPC, veg.: *Alnus*, *Salix*, *Carpinus*, *Petasites*, *Urtica*; Čierna hora Mts., **Kavečany**, brook (109), 19.v.1980, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20201, NMPC, veg.: *Fagus*, *Salix*, *Alnus*, *Petasites*, *Urtica*; Popradská kotlina basin, **Tatranská Kotlina** env. Belianska jaskyňa cave, brook (317), 18.vi.1982, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19973, NMPC, veg.: *Picea*, *Petasites*, Musci; Liptovská kotlina basin, **Pavčina Lehota** nr. Liptovský Mikuláš (223), 10.vi.1987, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19946, NMPC, veg.: *Salix*, *Rubus*, *Caltha*, *Alisma*, *Filipendula*, *Geum*, *Urtica*.

Comments: Quite a rare European species. In Slovakia relatively common. Until now, known from Slovakia only as larvae, this is **first adult records** of this species in Slovakia. The assessment of the current conservation status in contrast to the Czech Republic is problematic (a monitoring in future will be probably needed).

107. *Pneumia trivialis* (Eaton, 1893)

Published records: Bardejov (11), Oravský Podzámok (219), Rimavská Sobota (256), Tisovec (324), Zbojská (388) (Szabó 1965a,b); Bardejov (11), Oravský Podzámok (219), Rimavská Sobota (256), Tisovec (324), Zbojská (388) (Halgoš 1984); Baláže (6), Dúbrava (56), Hiadeľská dolina valley (74), Hiadeľské sedlo saddleback (75), Il'anovo (94), Kochuľa (114), Kropáčová (130), Liptovská Porúbka (142), Liptovské Kľačany (144), Liptovský Hrádok (146), Pavčina Lehota (223), Ploštín (229), Prostredná stream (241), Sopotnická dolina valley (278), Strmý vrštek hill (298), Tále (316) (Ježek 1993); Turiec (336) (larvae Bulánková & Degma 1996); Bodrog river basin (18), Hron river basin (89), Morava river basin (186), upper Váh river basin (345), Slaná river basin (269) (larvae, Bulánková 2003); Vyšné Račkové pleso mountain lake (377) (larvae, Bulánková & Zaťovičová 2006); Zadná Poľana (382) (Ježek 2009a); Jamy (98) (Straka & Majzlan 2009); Stavanie (290) (larvae, Mišíková Elexová 2010).

Material examined: Košická kotlina basin, **Solivar** env. Prešov (275), 23.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19968, NMPC; Slanské vrchy Mts., **Červenica** (33), 24.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20275, NMPC, veg.: *Alnus*, *Corylus*, *Sorbus*, *Scirpus*, *Juncus*, *Equisetum*; Slanské vrchy Mts., **Lúčina** (152), 24.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20256, NMPC, veg.: *Betula*, *Alnus*, *Mentha*, *Ajuga*, *Scirpus*; Slanské vrchy Mts., **Tuhrina** (335), 24.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20176, NMPC, veg.: *Fagus*, *Carpinus*, *Alnus*, *Viola*; Východoslovenská pahorkatina hills, **Zámutov** env. Vranov nad Topľou, brook (384), 24.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20105, NMPC, veg.: *Fagus*, *Betula*, *Mentha*, *Urtica*; Slanské vrchy Mts., **Banské** (8), 25.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20548, NMPC, veg.: *Picea*, *Rubus*, *Myosotis*; Slanské vrchy Mts., **Juskova Voľa** env., brook (103), 25.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20191, NMPC, veg.: *Fagus*, *Corylus*, *Carpinus*, *Rosa*, *Ranunculus*; Košická kotlina basin, **Herľany** (73), 26.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20127, NMPC, veg.: *Rosa*, *Rubus*, *Asperula*, *Urtica*; Košická kotlina basin, **Košický Klečenov** (124), 26.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20431, NMPC, veg.: *Fagus*, *Asarum*, *Trifolium*, *Asperula*; Košická kotlina basin, **Nižná Kamenica** (198), 800 m a.s.l., 26.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20422, NMPC, veg.: *Fagus*, *Acer*, *Ranunculus*, *Asarum*, Pteropsida; Košická kotlina basin, **Vyšná Kamenica** (374), 26.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20254, NMPC, veg.: *Fagus*, *Acer*, *Impatiens*,

Asperula, Pteropsida; Laborecká vrchovina hills, **Belá nad Cirochou**, brook (14), 6.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20002, NMPC, veg.: *Salix*, *Alnus*, *Caltha*, *Urtica*; Vihorlatské vrchy Mts., **Zemplínske Hámre**, brook (392), 6.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20335, NMPC, veg.: *Salix*, *Alnus*, *Urtica*; Bukovské vrchy Mts., **Uličské Krivé** (343), 7.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20617, NMPC, veg.: *Alnus*, *Salix*, *Scirpus*; Bukovské vrchy Mts., **Zboj** (385), 7.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20528, NMPC, veg.: *Alnus*, *Corylus*, *Humulus*, *Mentha*; Laborecká vrchovina hills, **Nižná Čabina** (197), 9.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20306, NMPC, veg.: *Salix*, *Alnus*, *Urtica*, *Phragmites*; Čierna hora Mts., **Čermeľ** nr. Košice (31), 19.v.1980, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20362, NMPC, veg.: *Alnus*, *Salix*, *Carpinus*, *Petasites*, *Urtica*; Čierna hora Mts., **Margecany**, brook (169), 20.v.1980, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20271, NMPC, veg.: *Mentha*, *Carex*, *Urtica*; Čierna hora Mts., **Kysak** (135), 600 m a.s.l., 19.v.1980, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20168, NMPC, veg.: *Fagus*, *Carpinus*, *Juncus*, *Mentha*; Popradská kotlina basin, **Tatranská Kotlina** (317), 16.vi.1982, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19991, NMPC, veg.: *Picea*, *Caltha*; Popradská kotlina basin, **Tatranská Polianka** (320), 21.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20342, NMPC, veg.: *Picea*, *Alnus*, *Rubus*, *Caltha*, *Lysimachia*, *Filipendula*, *Urtica*; Popradská kotlina basin, **Dolný Smokovec** (53), 22.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20203, NMPC, veg.: *Alnus*, *Filipendula*, *Caltha*, *Urtica*; Vysoké Tatry Mts., **Biely Váh** (17), 16.8.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20384, NMPC, veg.: *Picea*, *Rubus*, *Sphagnum*, *Scirpus*, *Juncus*, *Caltha*; Popradská kotlina basin, **Batizovce** env., brook (13), 19.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19976, NMPC, veg.: *Alnus*, *Grossularia*, *Caltha*; Vysoké Tatry Mts., **Mengusovce** (178), 19.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20019, NMPC, veg.: *Betula*, *Picea*, *Caltha*, *Rumex*, *Urtica*; Popradská kotlina basin, **Tatranská Lesná** (318), 23.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20544, NMPC, veg.: *Alnus*, *Scirpus*, *Filipendula*, *Urtica*; Nízke Tatry Mts., **Brusno** env. Brezno (24), 16.ix.1985, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20095, NMPC, veg.: *Salix*, *Alnus*, *Corylus*, *Urtica*, *Asarum*; Liptovská kotlina basin, **Pavčina Lehota** nr. Liptovský Mikuláš (223), 10.ix.1987, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19948, NMPC, veg.: *Salix*, *Rubus*, *Caltha*, *Alisma*, *Filipendula*, *Geum*, *Urtica*; Rožňavská kotlina basin, **Rožňava** (257), 13.vii.1989, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20404, NMPC, veg.: *Alnus*, *Carpinus*, *Juncus*, *Impatiens*, *Pteropsida*; Popradská kotlina basin, **Nová Lesná** (206), 28.ix.1989, SW, 1M, P. Chvojka leg., J. Ježek det., slide Inv. No. 20251, NMPC; Popradská kotlina basin, **Červený potok** brook – Nová Lesná (34), 22.vii.1990, SW, 1M, P. Chvojka leg., J. Ježek det., slide Inv. No. 20410, NMPC; Laborecká vrchovina hills, **Krásny Brod** env. Medzilaborce, brook, well (128), 10.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20113, NMPC, veg.: *Alnus*, *Salix*, *Corylus*, *Rubus*, *Caltha*, *Mentha*, *Carex*, *Dipsacus*, Musci; Laborecká vrchovina hills, **Malá Poľana** (164), 10.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20348, NMPC, veg.: *Fagus*, *Carpinus*, *Corylus*, *Rubus*, *Melampyrum*, Daucaceae; Ondavská vrchovina hills, **Bukovce** (25), 11.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20148, NMPC, veg.: *Salix*, *Alnus*, *Acer*, *Rubus*, *Humulus*, *Petasites*, *Lappa*, *Urtica*; Ondavská vrchovina hills, **Nová Polianka** env. Svidník (207), 12.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20378, NMPC, veg.: *Salix*, *Alnus*, *Corylus*, *Rubus*, *Typha*, *Lappa*, *Urtica*, Daucaceae; Ondavská vrchovina hills, **Rakovčik** (246), 12.ix.1991, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20291, NMPC, veg.: *Alnus*, *Prunus*, *Corylus*, *Sambucus*, *Salix*, *Cirsium*, Poaceae, Daucaceae; Laborecká vrchovina hills, **Korejovce** (117), 13.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20161, NMPC, veg.: *Salix*, *Alnus*, *Petasites*, *Dipsacus*, *Impatiens*, Musci, Poaceae; Ondavská vrchovina hills, **Nižná Pisaná** brook (200), 14.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20208, NMPC, veg.: *Alnus*, *Salix*, *Carpinus*, *Geranium*, *Artemisia*, *Urtica*, Pteropsida, Poaceae; Ondavská vrchovina hills, **Šarišské Čierne** (263), 15.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20182, NMPC, veg.: *Salix*, *Alnus*, *Pirus*, *Frangula*, *Evonymus*, *Rubus*, *Urtica*, Daucaceae; Čergov Mts., **Olejník** (214), 26.ix.1992, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20389, NMPC, veg.: *Alnus*, *Rubus*, *Petasites*, *Caltha*, *Urtica*, *Mentha*, Marchantiopsida; Spišsko-šarišské medzihorie Imts., **Stará Ľubovňa** (284), 28.ix.1992, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20394, NMPC, veg.: *Salix*, *Alnus*, *Urtica*, *Lappa*; Muránska planina Mts., **Muránska planina** plain (191), 22.vii.1999, SW, 1M, P. Chvojka leg., J. Ježek det., slide Inv. No. 20299, NMPC; Bukovské vrchy Mts., **Stinská slatinka** meadow (291), 700 m a.s.l., 20.vii.2005, SW, 1M, P. Kment leg., J. Ježek det., slide Inv. No. 20436, NMPC; Podunajská rovina flat, **Šúr** (309), 7.viii.2009, MT, 1M, J. Lukáš leg., J. Ježek det., slide Inv. No. 20637, NMPC; Malé Karpaty Mts., **Mokrý potok** brook (183), 210 m a.s.l., 25.viii.2011, SW, 1M, J. Lukáš leg., J. Ježek det., slide Inv. No. 20644, NMPC; Kremnické vrchy Mts., **Železná Breznica** env., brook (390), 29.-30.iv.2012 and 30.iv.2013, 3M, all SW, J. Oboňa leg., J. Ježek det., slides Inv. No. 20049, 20040 and 20056, NMPC; Poľana Mts., **Hučava** stream (93), SW, 6.v.2013, 1M, J. Oboňa leg., J. Ježek det., slide Inv. No. 20062, NMPC.

Comments: A very common European species.

Saraiella Vaillant, 1973

108. *Saraiella parva* (Vaillant, 1963)

Published record: Pilsko (227) (Ježek 2006a).

Material examined: Vysoké Tatry Mts., **Suchý vrch** hill., Javorina (306), 26.vi.1982, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20013, NMPC, veg.: *Picea*, *Rubus*, *Petasites*, *Caltha*, *Trollius*.

Comments: Relatively sporadic European species, the assessment of the current conservation status: CR.

109. *Saraiella rotunda* (Krek, 1970)

Published record: Gerlachov (66) (Ježek 2006a).

Material examined: Slanské vrchy Mts., **Tuhrina** (335), 24.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20174, NMPC, veg.: *Fagus*, *Carpinus*, *Alnus*, *Viola*; Vysoké Tatry Mts., **Holica** (77), 1630 m a.s.l., 26.vi.1982, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20131, NMPC, veg.: *Picea*, *Petasites*, Musci; Nízke Tatry Mts., **Liptovská Lúžna** (141), 13.ix.1985, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20470, NMPC, veg.: *Picea*, *Mentha*, *Urtica*; Popradská kotlina basin, **Skalný potok brook** env. Tatranská Lomnica (267), 8.vii.1987, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19958, NMPC, veg.: *Picea*, *Rubus*, *Petasites*, *Geum*.

Comments: Relatively sporadic European species, the assessment of the current conservation status: CR.

Szaboiella Vaillant, 1979

110. *Szaboiella hibernica* (Tonnoir, 1940)

Published record: Hrončecký grúň slope (90) (Ježek 2009a).

Comments: Relatively rare European species, the assessment of the current conservation status: CR.

Tonnoiriella Vaillant, 1972

111. *Tonnoiriella nigricauda* (Tonnoir, 1919)

Published record: Mengusovce (178) (Ježek 2006a).

Material examined: Bukovské vrchy Mts., **Uličské Krivé** (343), 7.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20619, NMPC, veg.: *Alnus*, *Salix*, *Scirpus*; Vysoké Tatry Mts., **Mengusovce** (178), 19.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20018, NMPC, veg.: *Betula*, *Picea*, *Caltha*, *Rumex*, *Urtica*; Popradská kotlina basin, **Tatranská Polianka** (320), 21.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20344, NMPC, veg.: *Picea*, *Alnus*, *Rubus*, *Caltha*, *Lysimachia*, *Filipendula*, *Urtica*; Liptovská kotlina basin, **Pavčina Lehota** nr. Liptovský Mikuláš (223), 10.vi.1987, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19945, NMPC, veg.: *Salix*, *Rubus*, *Caltha*, *Alisma*, *Filipendula*, *Geum*, *Urtica*; Popradská kotlina basin, **Lučivná – Svinárka** env., well and brook (153), 938 m a.s.l., 13.vii.1987, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19983, NMPC, veg.: *Picea*, *Alnus*, *Caltha*, *Filipendula*, *Equisetum*.

Comments: Relatively rare European species, the assessment of the current conservation status: CR.

112. *Tonnoiriella pulchra* (Eaton, 1893)

Published records: Tisovec (324) (Szabó 1960, 1965a,b, Halgoš 1984); Latorica river basin (137), Slaná river basin (269) (larvae, Bulánková 2003); Stupavský potok brook (300) (larvae, Bulánková 2007); Hluboký potok brook (76) (larvae, Novikmec et al. 2007); Val'kovňa (349) (larvae, Mišíková Elexová 2010); Šišulákov mlyn mill (266) (Straka & Majzlan 2013).

Comments: A European species, only ostensible common.

113. *Tonnoiriella sieberti* Wagner, 1993

Published record: Nižný Komárnik (203) (Ježek 2006a).

Material examined: Košická kotlina basin, **Solivar** env. Prešov (275), 23.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19965, NMPC; Veporské vrchy Mts., **Príslop** (240), 8.ix.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20266, NMPC, veg.: *Alnus*, *Juncus*, *Mentha*, *Carex*; Čierna hora Mts., **Kysak** (135), 600 m a.s.l., 19.v.1980, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20169, NMPC, veg.: *Fagus*, *Carpinus*, *Juncus*, *Mentha*; Čierna hora Mts., **Margecany** brook (169), 20.v.1980, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20270, NMPC, veg.: *Mentha*, *Carex*, *Urtica*; Nízke Tatry Mts., **Pohronský Bukovec** (235), 18.ix.1985, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20012, NMPC, veg.: *Alnus*, *Caltha*, *Filipendula*; Kremnické vrchy Mts.,

Železná Breznica env., brook (390), 30.iv.2012, SW, 1M, J. Oboňa leg., J. Ježek det., slide Inv. No. 20042, NMPC.

Comments: Generally a rare species, known from Europe and Syria. The assessment of the current conservation status: EN.

Ulomyia Walker, 1856

114. *Ulomyia annulata annulata* (Tonnoir, 1919)

Published records: Bardejov (11) (Szabó 1960, 1965a, Halgoš 1984); Bardejov (11), Vlkolinec (364) (Szabó 1965b); Liptovské Kľačany (144) (Ježek 1993).

Material examined: Čierna hora Mt., **Margecany** brook (169), 20.v.1980, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20272, NMPC, veg.: *Mentha*, *Carex*, *Urtica*.

Comments: Not quite common European and western Siberia species.

115. *Ulomyia cognata* (Eaton, 1893)

Published records: Tisovec (324), Zbojská (388) (Szabó 1960, 1965b); Tisovec (324), Zbojská (388) (Szabó 1972-73, Halgoš 1984); Hrochotská dolina valley (87) (Ježek 2009a).

Material examined: Slanské vrchy Mts., **Červenica** (33), 24.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20280, NMPC, veg.: *Alnus*, *Corylus*, *Sorbus*, *Scirpus*, *Juncus*, *Equisetum*; Slanské vrchy Mts., **Tuhrina** (335), 24.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20175, NMPC, veg.: *Fagus*, *Carpinus*, *Alnus*, *Viola*; Čierna hora Mts., **Čermel'** nr. Košice (30), 19.v.1980, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20370, NMPC, veg.: *Alnus*, *Salix*, *Carpinus*, *Petasites*, *Urtica*; Popradská kotlina basin, **Tatranská Kotlina** (317), 16.vi.1982, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19989, NMPC, veg.: *Picea*, *Caltha*; Vysoké Tatry Mts., **Holica** (77), 1630 m a.s.l., 26.vi.1982, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20133, NMPC, veg.: *Picea*, *Petasites*, Musci; Nízke Tatry Mts., **Baláže** (6), 3.vi.1984, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20420, NMPC, veg.: *Fagus*, *Urtica*; Laborecká vrchovina hills, **Malá Poľana** (164), 10.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20350, NMPC, veg.: *Fagus*, *Carpinus*, *Corylus*, *Rubus*, *Melampyrum*, *Daucaceae*; Kremnické vrchy Mts., **Železná Breznica** env., brook (390), 30.iv.2012, SW, 1M, J. Oboňa leg., J. Ježek det., slide Inv. No. 20041, NMPC.

Comments: A common European species.

116. *Ulomyia fuliginosa* (Meigen, 1804)

Published records: Oravský Podzámok (219), Remetské Hámre (251), Tisovec (324), Vlkolinec (364), Zbojská (388) (Szabó 1965a,b); Zádiel (380) (larvae, Rozkošný 1971); Malacky (167), Revištské Podhradie (252), Soblahov (273) (Halgoš 1973); Malacky (167), Oravský Podzámok (219), Revištské Podhradie (252), Ružomberok (261), Soblahov (273), Tisovec (324), Zádiel (380), Zbojská (388) (Halgoš 1984); Baláže (6), Bukovecká dolina valley (28), Bystrá (29), Hiadeľská dolina valley (74), Hiadeľské sedlo saddleback (75), Kochuľa (114), Kropáčová (130), Liptovský Hrádok (146), Piesky (224), Ploštín (229), Pohronský Bukovec (235), Prostredná stream (241), Sopotnická dolina valley (278), Staré Hory (287), Strmý vrštek hill (298), Špania Dolina (280), Tále (316) (Ježek 1993); Dunaj river basin (60), Hron river basin (89), lower Váh river basin (149), Morava river basin (186), Slaná river basin (269), upper Váh river basin (345) (larvae, Bulánková 2003); Hrončecký grúň slope (90) (Ježek 2009a); Šišulákov mlyn mill (266) (Straka & Majzlan 2013).

Material examined: Košická kotlina basin, **Solivar** env. Prešov, swamps (275), 23.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19969, NMPC; Slanské vrchy Mts., **Červenica** (33), 24.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20274, NMPC, veg.: *Alnus*, *Corylus*, *Sorbus*, *Scirpus*, *Juncus*, *Equisetum*; Slanské vrchy Mts., **Tuhrina** (335), 24.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20172, NMPC, veg.: *Fagus*, *Carpinus*, *Alnus*, *Viola*; Východoslovenská pahorkatina hills, **Zámutov** env., Vranov nad Topľou, brook (384), 24.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20103, NMPC, veg.: *Fagus*, *Betula*, *Mentha*, *Urtica*; Košická kotlina basin, **Herľany** (73), 26.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20126, NMPC, veg.: *Rosa*, *Rubus*, *Asperula*, *Urtica*; Košická kotlina basin, **Nižná Kamenica** (198), 800 m a.s.l., 26.v.1979, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20421, NMPC, veg.: *Fagus*, *Acer*, *Ranunculus*, *Asarum*, *Pteropsida*; Čierna hora Mts., **Čermel'** nr. Košice (31), 19.v.1980, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20363, NMPC, veg.: *Alnus*, *Salix*, *Carpinus*, *Petasites*, *Urtica*; Čierna hora Mts., **Kavečany** brook (109), 19.v.1980, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20199, NMPC, veg.: *Fagus*, *Salix*, *Alnus*, *Petasites*, *Urtica*; Čierna hora Mts., **Margecany** brook (169), 20.v.1980, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20268, NMPC, veg.: *Mentha*, *Carex*, *Urtica*; Popradská kotlina basin, **Batizovce** env., brook (13), 19.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19977, NMPC, veg.: *Alnus*, *Grossularia*, *Caltha*; Vysoké Tatry Mts., **Mengusovce** (178), 19.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19986, NMPC, veg.: *Betula*, *Picea*, *Caltha*, *Rumex*,

Urtica; Popradská kotlina basin, **Tatranská Polianka** (320), 21.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20343, NMPC, veg.: *Picea*, *Alnus*, *Rubus*, *Caltha*, *Lysimachia*, *Filipendula*, *Urtica*; Popradská kotlina basin, **Dolný Smokovec** (53), 22.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20204, NMPC, veg.: *Alnus*, *Filipendula*, *Caltha*, *Urtica*; Starohorské vrchy Mts., **Stará Pila** (284), 1.vi.1984., SW, 1M, J. Ježek leg. & det., slide Inv. No. 20303, NMPC, veg.: *Rubus*, *Carex*, *Juncus*, *Urtica*, Musci; Nízke Tatry Mts., **Baláže** (6), 3.vi.1984, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20476, NMPC, veg.: *Fagus*, *Urtica*; Nízke Tatry Mts., **Liptovská Lúžna** (141), 13.ix.1985, SW, 2M, J. Ježek leg. & det., slides Inv. No. 20282 and 20469, NMPC, veg.: *Salix*, *Grossularia*, *Petasites*, *Mentha*, *Urtica*; Nízke Tatry Mts., **Brusno** env. Brezno (24), 16.ix.1985, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20091, NMPC, veg.: *Salix*, *Alnus*, *Corylus*, *Urtica*, *Asarum*; Stolické vrchy Mts., **Muránska Zdychava** (192), 19.vii.1989, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20139, NMPC, veg.: *Alnus*, *Rubus*, *Filipendula*, *Impatiens*, *Caltha*; Laborecká vrchovina hills, **Krásny Brod** env. Medzilaborce, brook, well (128), 10.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20108, NMPC, veg.: *Alnus*, *Salix*, *Corylus*, *Rubus*, *Caltha*, *Mentha*, *Carex*, *Dipsacus*, Musci; Ondavská vrchovina hills, **Makovce** (161), 10.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20446, NMPC, veg.: *Alnus*, *Salix*, *Rubus*, *Polygonum*, *Lappa*, *Urtica*, Poaceae; Laborecká vrchovina hills, **Malá Poľana** (164), 10.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20347, NMPC, veg.: *Fagus*, *Carpinus*, *Corylus*, *Rubus*, *Melampyrum*, Daucaceae; Ondavská vrchovina hills, **Rakovčik** (246), 12.ix.1991, SW, 1F, J. Ježek leg. & det., slide Inv. No. 20290, NMPC, veg.: *Alnus*, *Prunus*, *Corylus*, *Sambucus*, *Salix*, *Cirsium*, Poaceae, Daucaceae; Laborecká vrchovina hills, **Medvedzie** (175), 13.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20298, NMPC, veg.: *Carpinus*, *Fagus*, *Corylus*, *Rubus*, *Urtica*; Ondavská vrchovina hills, **Kružlová** (131), 14.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20354, NMPC, veg.: *Alnus*, *Salix*, *Pinus*, *Pirus*, *Betula*, *Rubus*, *Petasites*, *Equisetum*; Ondavská vrchovina hills, **Šarišské Čierne** (263), 15.ix.1991, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20181, NMPC, veg.: *Salix*, *Alnus*, *Pirus*, *Frangula*, *Evonymus*, *Rubus*, *Urtica*, *Daucaceae*; Čergov Mts., **Olejník** (214), 26.ix.1992, SW, 2M, J. Ježek leg. & det., slides Inv. No. 20388 and 20498, NMPC, veg.: *Alnus*, *Rubus*, *Petasites*, *Caltha*, *Urtica*, *Mentha*, Marchantiopsida; Spišsko-šarišské medzihorie Imts., **Stará Ľubovňa** (284), 28.ix.1992, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20393, NMPC, veg.: *Salix*, *Alnus*, *Urtica*, *Lappa*; Muránska planina Mts., **Muránska planina** plain env. Kačkava (191), 16.vi.1999, SW, 1M, P. Chvojka leg., J. Ježek det., slide Inv. No. 20261, NMPC; Bukovské vrchy Mts., **Nová Sedlica** (207), 9.v.-3.vii.2002, YPT, 1M, P. Kment leg., J. Ježek det., slide Inv. No. 20312, NMPC; Laborecká vrchovina hills, **Starina** env., brook (288), 13.vii.2003, SW, 1M, J. Ševčík leg., J. Ježek det., slide Inv. No. 12028, NMPC, veg.: *Alnus*, *Fagus*, *Carpinus*; Malé Karpaty Mts., **Dúbravka** (57), 18.viii.2011, SW, 2M, J. Lukáš leg., J. Ježek det., slides Inv. No. 20626 and 20642, NMPC; Malé Karpaty Mts., **Mokrý potok** brook (184), 210 - 282 m a.s.l., 25.viii.2011, SW, 2M, J. Lukáš leg., J. Ježek det., slides Inv. No. 20622 and 20648, NMPC; Malé Karpaty Mts., **Fialkový potok** brook (62), 247 m a.s.l., 4.ix.2011, SW, 1M, J. Lukáš leg., J. Ježek det., slide Inv. No. 20633, NMPC; Kremnické vrchy Mts., **Železná Breznica** env., brook (390 - Fig. 11), 29.-30.iv.2012, 2M, all SW, J. Oboňa leg., J. Ježek det., slides Inv. No. 20039 and 20045, NMPC; Strážovské vrchy Mts., **Trstenec** well env. Diviacka Nová Ves (334 - Fig. 10), 6.v.2013, 1M, SW, J. Oboňa leg., J. Ježek det., slide Inv. No. 20065, NMPC.

Comments: The most common European species.

117. *Ulmomyia vaseki* Ježek, 2002

Published record: Stará Voda (286) (Ježek 2002).

Material examined: Vysoké Tatry Mts., **Holica** (77), 1630 m a.s.l., 26.vi.1982, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20130, NMPC, veg.: *Picea*, *Petasites*, Musci; Vysoké Tatry Mts., **Suchý vrch** env. Javorina (306), 26.vi.1982, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20015, NMPC, veg.: *Picea*, *Rubus*, *Petasites*, *Caltha*, *Trollius*; Vysoké Tatry Mts., **Veľká Pálenica** (353), 15.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20395, NMPC, veg.: *Sorbus*, *Acer*, *Picea*, *Petasites*; Liptovská kotlina basin, **Tri Studničky** env. Pavučia dolina valley (331), 16.viii.1983, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20415, NMPC, veg.: *Picea*, *Caltha*, *Urtica*; Popradská kotlina basin, **Skalnatý potok** brook env. Tatranská Lomnica (267), 8.vii.1987, SW, 1M, J. Ježek leg. & det., slide Inv. No. 19955, NMPC, veg.: *Picea*, *Rubus*, *Petasites*, *Geum*; Podtatranská kotlina basin, **Kežmarská Biela Voda** (110), 9.vii.1987, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20333, NMPC, veg.: *Sorbus*, *Pinus mugo*, *Rubus*, *Caltha*, Pteropsida; Revúcka vrchovina Mts., **Rejdová** (250), 18.vii.1989, SW, 1M, J. Ježek leg. & det., slide Inv. No. 20478, NMPC, veg.: *Picea*, *Fagus*, *Salix*, *Sambucus*, *Caltha*, *Scirpus*, Daucaceae; Podbeskydská brázda furrow, **Oravská Polhora** env. Borsučie (217), 30.vi.1992, SW, 1M, P. Chvojka leg., J. Ježek det., slide Inv. No. 20252, NMPC; Chočské vrchy Mts., **Valaská Dubová**, well (347), 4.vii.1992, SW, 1M, P. Chvojka leg., J. Ježek det., slide Inv. No. 20197, NMPC; Muránska planina Mts., **Havraník** (72), 15.vi.1999, SW, 1M, P. Chvojka leg., J. Ježek det., slide Inv. No. 19960, NMPC.

Comments: Relatively rare central European species. The assessment of the current conservation status: EN.



Fig 9: Račková dolina valley, mountain lakes (photo by Miloš Villaris).



Figs 10-11: 10 - Trstenec, well and small brook in oak forest (photo by Jozef Oboňa), 11 - Železná Breznica, brook in beech forest (photo by Vladimír Kubovčík).

Discussion

This prodromus summarizes all credible and available data about occurrence of non-biting moth flies (Diptera: Psychodidae) from Slovakia. Data from more than 50 papers (larvae and adults occurrence) were excerpted and approximately 400 localities were accounted together with random and extensive new unpublished sampling. First records of fourteen new species for the fauna of Slovakia increased the species-richness of moth flies to 117 species in this country. As already indicated, the investigation of Psychodidae in Slovakia is still far from finished. This argument is supported by several papers, which examined Psychodidae fauna in the immediate vicinity of Slovakia state borders. Ježek & Omelková 2007 published *Telmatoscopus britteni* Tonnoir, 1940 from Vrbovce env. (grid mapping code of DFS – 7171) only approximately three hundred meters far from borders; Ježek & Omelková 2007 and 2012 published from Biele Karpaty Mts. (the same code of DFS) *Jungiella (Psychocha) procera* Krek, 1971, *Mormia revisenda* (Eaton, 1893) and *Panimerus denticulatus* Krek, 1971. Non-random (scheduled) and intensive sampling in Slovakia can detect many more interesting faunistic results in future. Unfortunately, some records of larvae (e.g. *Berdeniella helvetica* (Sara, 1957), *B. illiesi* Wagner, 1973 and *Pericoma (Pericoma) diversa* Tonnoir, 1919), have not been collected in the Slovakia as adults so far, but 3 species recorded on the basis of larvae *Berdeniella manicata*, *Pericoma (Pericoma) pseudoexquisitaa* and *Pneumia stammeri* are first time, in this paper, confirmed as adults from Slovakia.

Only 2 species (*Sycorax slovacica* and *Trichomyia urbica*) of family Psychodidae have been included into Red Data Book (Jedlička & Stloukalová 2001) and opinions concerning the protection are being stepwise developed and they are varying with further findings and with gaining knowledge of biology of particular species. From 2001 Red Book has not been updated. With an increasing number of psychodid species from Slovakia is needed reevaluate conservation status of concurrently known species. Our proposal is inspired by Ježek 2005 and Ježek et al. 2013. The Red list of threatened Psychodidae species in the Czech Republic (Ježek 2005) supplemented by recent studies (Omelková & Ježek 2012b, Ježek et al. 2013) comprises 1 species as regionally extinct, 26 species as critically endangered (CR), 16 species as endangered (EN), 19 species as vulnerable (VU) and 12 species as nationally scarce (NS). Altogether 74 (from 173 species known from Omelková & Ježek 2012b) species representing 42,8 % of all species of this family known from the Czech Republic.

Under the criteria of IUCN (The International Union for the Conservation of Nature and Natural Resources) an only minimum number of psychodid species, 51 from 117 species, (representing 43,6 % of all species of this family known from Slovakia) were assessment of the current conservation status and included into the list based on knowledge of the authors 24 species as critically endangered (CR) and 9 species as endangered (EN). Very rare species, described and frequently known only based on an unique specimen or on several specimens (18 species), are presented in the list below as vulnerable (VU – 3 species) or nationally scarce (NS – 15 species), in spite of the fact that many of them will be included in the future (based on stepwise growing data on their bionomics and distribution) into categories CR and EN.

Differences between this proposing and Red List Ježek (2005) in categorie CR are caused by a recent findings of species *P. (P.) ljubiniensis* and *T. tatraca* in Czech Republic (Ježek & Omelková 2007) or absence of species *T. negrobovi* in Czech checklist. Species incorporated in category NS represent only national status, thus comparison with Czech Republic is irrelevant.

As dangerous appears to be species *Clogmia albipunctata*. This invasive, often synanthropic species may pose a risk for native synanthropic species and also is epidemiological significant as possible causal agent of various myiasis (e.g. Oboňa & Ježek 2012a, Šuláková et al. 2014). As possible vectors of larval stages of *Rhabditis* nematodes and

Gamasidae mites are species *Psycha grisescens*, *Psychoda phalaenoides*, *Psychomora trinodulosa* and *Ypsydocha setigera*, a protozoan parasite, a species of *Glaucoma*, was confirmed in *Logima albipennis*, *Psychodocha gemina* and *P. cinerea* (e.g. Satchell 1947, Ježek & Omelková 2012a).

A preliminary proposal of Slovak non-biting moth flies (Diptera: Psychodidae) to the new list of threatened species

Critically Endangered (CR): *Berdeniella helvetica* (Sara, 1957), *Clytocerus* (*Boreoclytocerus*) *rivosus* (Tonnoir, 1919), *Clytocerus* (*Boreoclytocerus*) *tetracorniculatus* Wagner, 1977, *Jungiella* (*Psychocha*) *laminata* (Szabó, 1960), *Lepiseodina tristis* (Meigen, 1830), *Oomormia andrenipes* (Strobl, 1910), *Parajungiella ellisi* (Withers, 1987), *Parajungiella pseudolongicornis* (Wagner, 1975), *Parajungiella serbica* (Krek, 1985), *Pericoma* (*Pericoma*) *ljubiniensis* Krek, 1969, *Peripsychoda fusca* (Macquart, 1826), *Philosepedon* (*Trichosepedon*) *balkanicum* Krek, 1971, *Promormia silesiensis* Ježek, 1983, *Psycmera integella* (Jung, 1956), *Saraiella parva* (Vaillant, 1963), *Saraiella rotunda* (Krek, 1970), *Sciria advena* (Eaton, 1893), *Sycorax slovacica* Halgoš, 1975, *Sycorax tonnoiri* Jung, 1954, *Szaboella hibernica* (Tonnoir, 1940), *Taramormia tatrica* Ježek, 1984, *Threticus negrobovi* Vaillant, 1972, *Tonnoiriella nigricauda* (Tonnoir, 1919), *Trichomyia urbica* Curtis, 1839

Endangered (EN): *Pericoma* (*Pericoma*) *calcilega* Feuerborn, 1923, *Pericoma* (*Pericoma*) *exquisita* Eaton, 1893, *Pneumia crispi* (Freeman, 1953), *Pneumia cubitospinosa* (Jung, 1954), *Pneumia rivularis* Berdén, 1954, *Promormia eatoni* (Tonnoir, 1940), *Threticus incurvus* Krek, 1972, *Tonnoiriella sieberti* Wagner, 1993, *Ulomyia vaseki* Ježek, 2002

Vulnerable (VU): *Parajungiella prikryli* Ježek, 1999, *Telmatoscopus carpathicus* Ježek, 1988, *Threticus silvaticus* Ježek, 1985

Nationally Scarce (NS): *Berdeniella gardinii* Salamanna & Raggio, 1984, *Berdeniella kocii* Ježek, 2006, *Chodopsycha buxtoni* (Withers, 1988), *Clytocerus* (*Boreoclytocerus*) *longicorniculatus* Krek, 1987, *Clytocerus* (*Boreoclytocerus*) *splendidus* Ježek & Hájek, 2007, *Paramormia* (*Phyllotelmatoscopus*) *acuta* (Krek, 1971), *Pericoma* (*Pericoma*) *diversa* Tonnoir, 1919, *Pericoma* (*Pericoma*) *pallida* Vaillant, 1978, *Pericoma* (*Pericoma*) *pingarestica* Vaillant, 1978, *Pericoma* (*Pericoma*) *tatrica* Szabó, 1960, *Pericoma* (*Pericoma*) *tonnoiri* Vaillant, 1978, *Pericoma* (*Pericoma*) *vestita* Vaillant et Withers, 1993, *Pneumia compta* (Eaton, 1893), *Pneumia fonticola* (Szabó, 1960), *Pneumia kabelaki* Omelková & Ježek, 2012

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