

Faunistical results of the Sialidae (Megaloptera) investigations carried out in the frames of the ecological survey of the surface waters of Hungary (ECOSURV) in 2005

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ABSTRACT: This paper provides 87 data of 3 species (*Sialis fuliginosa*, *S. lutaria*, *S. nigripes*) from 86 sampling places from 16.03.2005 to 25.06.2005.

In 2005, 392 sites were sampled in the frame of the ECOSURV. Species of Sialidae were found in 86 sites (21.9%). The number of the determined individuals are 625. Collecting techniques and notes on collected material and data sets see KISS *et al.* (2006).

Sialis fuliginosa, *S. lutaria* and *S. nigripes* have been recorded from 86 sites (77 water bodies) sampled between 16th March, 2005 and 25th June, 2005. The results are the following: *Sialis fuliginosa* – 17 data, 17 sampling places, 17 water bodies; *S. lutaria* – 66 data, 66 sampling places, 58 water bodies; *S. nigripes* – 4 data, 4 sampling places, 3 water bodies. The rare *S. nigripes* was found in the rivers Bódva, Hernád and Tisza. It was already recorded from these water courses by ÁBRAHÁM & KOVÁCS (1999) and KOVÁCS (2006).

The list of data

Sialis fuliginosa Pictet, 1836 – **001**: 03.25., MZ; **003**: 03.23., JP; **004**: 03.25., MZ; **008**: 04.08., KB; **010**: 04.05., JP; **011**: 03.31., JP; **015**: 03.30., JP; **017**: 04.11., JP-MZ; **027**: 04.12., JP; **190**: 03.26., KB-MZ; **192**: 03.26., MZ; **193**: 03.26., JP; **196**: 03.22., JP; **200**: 03.23., JP; **202**: 04.05., JP; **319**: 03.25., JP; **334**: 04.15., MZ.

Sialis lutaria (Linnaeus, 1758) – **019**: 04.11., JP-MZ; **041**: 04.06., MZ; **051**: 04.13., JP; **055**: 04.07., MZ; **064**: 05.20., KB; **077**: 05.21., JP; **079**: 04.09., KB; **085**: 03.16., JP-MZ; **088**: 04.21., JP; **090**: 06.07., MZ; **095**: 05.04., MZ; **101**: 04.29., KB; **104**: 04.23., KB; **112**: 04.09., KB; **116**: 05.19., KB; **118**: 06.05., MZ; **143**: 04.29., JP; **144**: 04.11., KB; **145**: 04.22., JP; **146**: 04.22., JP; **147**: 05.03., KB; **159**: 05.25., JP; **184**: 06.23., MZ; **189**: 05.18., KB; **208**: 04.13., MZ; **211**: 05.24., JP; **215**: 04.06., KB; **221**: 04.08., JP-KB; **223**: 03.26., KB-MZ; **224**: 03.31., MZ; **228**: 05.20., JP; **229**: 05.20., MZ; **236**: 03.31., MZ; **253**: 06.10., MZ; **254**: 06.25., KB; **255**: 05.07., KB; **261**: 04.14., MZ; **271**: 04.05., MZ; **274**: 04.22., JP; **276**: 04.14., MZ; **286**: 04.13., JP; **291**: 04.13., MZ; **292**: 03.25., KB; **293**: 03.24., JP; **294**: 04.12., JP; **309**: 03.30., JP; **321**: 03.31., JP; **325**: 04.08., MZ; **339**: 03.31., JP; **341**: 03.23., KB-MZ; **359**: 03.31., MZ; **364**: 04.26., KB; **367**: 04.27., KB; **369**: 04.22., MZ; **374**: 04.27., MZ; **375**: 04.23., MZ; **379**: 05.05., KB; **380**: 05.07., KB; **382**: 06.05., MZ; **389**: 04.02., JP; **395**: 04.01., JP; **396**: 04.05., KB; **402**: 05.27., KB; **411**: 04.01., JP; **413**: 03.23., MZ; **417**: 03.23., JP.

Sialis nigripes Pictet, 1865 – **031**: 03.30., KB; **032**: 03.17., JP-MZ; **085**: 03.16., JP-MZ; **217**: 03.30., KB.

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