

ODONATE RECORDS FROM SUB-CARPATHIA, SOUTHWESTERN UKRAINE

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Abstract – Records are presented for 24 spp., from 21 localities in the area of the Latorycja and Už rivers.

Introduction

In summer 1997, adult specimens, pertaining to 24 species, were collected by A. Hidi, B. Pingitzer, L. Vizslán and T. Vizslán at 21 localities in the area of the Latorycja and Už rivers, SW Ukraine. These are brought on record here.

Collecting sites

(1) Floodplain of the Latorycja R. (Mukačeve): gallery forest patches and *Reynoutria*

japonica in some places

- (2) Velikaya Dobron': in town, a small canal
- (3) Canal-1 (Vel. Dobron'): almost stagnant, with silty bed and macrovegetation; on banks *Salix* spp.
- (4) Canal-2 (Vel. Dobron'): almost stagnant, with silty bed and macrovegetation; on banks *Salix* spp. and *Alnus glutinosa*
- (5) Canal-3 (Vel. Dobron'): very slowly flowing water, silty bed and very rich macrovegetation
- (6) "Hat-rác" canal (Vel. Dobron'): very slowly flowing water, with *Phragmites australis* patches, on banks *Salix* spp.

- (7) Latorycja R. floodplain (Vel. Dobron'): gallery forests and grass in some places
- (8) Meadow in the floodplain of the Latorycja R. (Vel. Dobron'): grassy, with scrubs
- (9) "Szapati" canal (Vel. Dobron'): almost stagnant, silty bed, on banks *Salix* spp.
- (10) Reservoir (Vel. Dobron'): stagnant, silty bed with *Phragmites australis* on shore
- (11) Canal (Nevickoje): flowing water, silty bed with macrovegetation, on banks *Salix* spp.
- (12) Nevickoje stream (Nevickoje): stony and silty bed, on banks *Alnus* spp.
- (13) Flood plain of the Už R. (Nevickoje): gallery forest, with *Salix* spp. and *Populus* spp.
- (14) Ponds near the Už R. (Nevickoje): stagnant, silty bed, *Alnus* spp. on shore
- (15) Už River, nr a waterfall (Nevickoje): small river with stony bed, mostly with *Populus* spp. on its banks
- (16) Latorycja River (Nelipina): stony bed, macrovegetation and algae in some places, *Salix* spp. on the bank
- (17) Verecky Pass (= pér. Vérc'kyj): hill grassland
- (18) Floodplain of the Už R. (Voroc've): gallery forest, with *Salix* spp. and *Populus* spp.
- (19) Užhorod: in the town
- (20) Už River (Užhorod): stony bed, escorted by gallery forest remnants
- (21) Floodplain of the Latorycja R. (Zavadka): gallery forest with *Salix* spp. along the banks
- *Coenagrion pulchellum* (Vander L.) – (3) 25-VII, 1 ♂. – (6) 27-VII, 3 ♂.
- *Erythromma viridulum* (Charp.) – (3) 25-VII, 5 ♂. – (6) 27-VII, 16 ♂; 30-VII, 3 ♂. – (7) 27-VII, 10 ♂. – (9) 27-VII, 15 ♂, 5 ♀. – (10) 27-VII, 3 ♂.
- *Ischnura elegans* (Vander L.) – (1) 28-VII, 1 ♂. – (3) 25-VII, 11 ♂, 12 ♀. – (4) 25-VII, 1 ♂; 27-VII, 3 ♂, 1 ♀. – (5) 25-VII, 1 ♂, 2 ♀. – (6) 27-VII, 32 ♂, 22 ♂; 30-VII, 4 ♂. – (7) 25-VII, 7 ♂, 6 ♀; 26-VII, 10 ♂, 10 ♀; 27-VII, 6 ♂, 4 ♀. – (9) 27-VII, 6 ♂, 2 ♀. – (10) 27-VII, 13 ♂, 6 ♀. – (16) 28-VII, 2 ♂.
- *Ischnura pumilio* (Charp.) – (16) 28-VII, 3 ♂. – (21) 28-VII, 5 ♂.
- *Enallagma cyathigerum* (Charp.) – (16) 28-VII, 1 ♂, 1 ♀.
- *Sympecma fusca* (Vander L.) – (3) 25-VII, 1 ♂, 1 ♀.
- *Lestes barbarus* (Fabr.) – (3) 25-VII, 2 ♂. – 25-VII, 1 ♂; 27-VII, 1 ♂. – (6) 27-VII, 1 ♂. – (8) 25-VII, 5 ♂.
- *Lestes sponsa* (Hans.) – (1) 28-VII, 1 ♂. – (3) 12-VII, 1 ♂, 1 ♀; 25-VII, 7 ♂; 13-IX, 2 ♂. – (4) 11-VIII, 1 ♂, 1 ♀. – (5) 25-VII, 7 ♂; 11-VIII, 1 ♂, 1 ♀. – (6) 27-VII, 2 ♂. – (7) 27-VII, 1 ♂; 28-VII, 5 ♂, 2 ♀. – (8) 12-VII, 1 ♂; 25-VII, 2 ♂, 3 ♀. – (9) 27-VII, 3 ♂. – (10) 12-VII, 3 ♂, 1 ♀; 27-VII, 1 ♂.
- *Chalcolestes viridis* (Vander L.) – (1) 28-VII, 1 ♂. – (3) 25-VII, 2 ♂; 13-IX, 2 ♂, 2 ♀. – (4) 25-VII, 4 ♂, 27-VII, 3 ♂, 1 ♀. – (5) 13-IX, 4 ♂, 1 ♀. – (7) 28-VII, 1 ♀. – (16) 28-VII, 1 ♂, 1 ♀.
- *Calopteryx splendens* (Harr.) – (1) 28-VII, 6 ♂, 1 ♀. – (3) 12-VII, 1 ♂. – (4) 11-VIII, 2 ♂. – (6) 27-VII, 5 ♂, 3 ♀. – (7) 27-VII, 2 ♂, 3 ♀. – (10) 12-VII, 1 ♂, 1 ♀. – (11) 29-VII, 17 ♂, 9 ♀. – (12) 29-VII, 7 ♂, 3 ♀. – (13) 29-VII, 27 ♂, 23 ♀. – (15) 29-VII, 2 ♂, 3 ♀. – (16) 28-VII, 1 ♂. – (18) 29-VII, 2 ♂. – (20) 29-VII, 4 ♂, 3 ♀.
- *Calopteryx virgo* (L.) – (11) 29-VII, 8 ♂, 1 ♀. – (12) 29-VII, 7 ♂, 3 ♀. – (15) 29-VII, 3 ♂. – (19) 29-VII, 1 ♂. – (20) 29-VII, 10 ♂, 1 ♀.
- *Aeshna cyanea* (Müll.) – (14) 29-VII, 5 ♂, 1 ♂. – (17) 28-VII, 2 ♂.
- *Aeshna mixta* Latr. – (3) 13-IX, 1 ♂. – (7) 12-VII, 1 ♂.

Records

- *Platycnemis pennipes* (Pall.) – (1) 28-VII, 6 ♂, 5 ♀. – (3) 12-VII, 1 ♂. – (4) 25-VII, 1 ♂, 1 ♀. – (5) 25-VII, 2 ♂, 2 ♀. – (6) 30-VII, 2 ♂, 1 ♀. – (7) 25-VII, 7 ♂, 7 ♀; 27-VII, 12 ♂, 12 ♀; 28-VII, 1 ♂, 2 ♀. – (9) 27-VII, 4 ♂, 3 ♀. – (10) 12-VII, 1 ♂. – (11) 29-VII, 11 ♂, 8 ♀. – (13) 29-VII, 18 ♂, 11 ♀. – (14) 29-VII, 1 ♂. – (15) 29-VII, 7 ♂, 5 ♀. – (16) 28-VII, 17 ♂, 5 ♀. – (18) 29-VII, 3 ♂, 2 ♀. – (20) 29-VII, 5 ♂, 5 ♀. – 28-VII, 1 ♂.
- *Coenagrion puella* (L.) – (3) 12-VII, 1 ♂; 25-VII, 15 ♂, 1 ♀. – (4) 25-VII, 4 ♂, 1 ♀; 27-VII, 4 ♂, 1 ♀. – (6) 27-VII, 8 ♂, 2 ♀; 30-VII, 1 ♂. – (7) 25-VII, 6 ♂, 6 ♀; 26-VII, 5 ♂; 27-VII, 15 ♂; 28-VII, 2 ♂. – (9) 27-VII, 3 ♂. – (10) 12-VII, 1 ♂. – (16) 28-VII, 12 ♂, 3 ♀. – (17) 28-VII, 6 ♂.

- *Anax imperator* Leach – (3) 25-VII, 1 ♀. – (10) 27-VII, 1 ♂.
- *Onychogomphus forcipatus* (L.) – (13) 29-VII, 6 ♂, 3 ♀. – (15) 29-VII, 3 ♂. – (18) 29-VII, 1 ♂.
- *Somatochlora metallica* (Vander L.) – (14) 29-VII, 2 ♂.
- *Libellula depressa* L. – (16) 28-VII, 2 ♂, 2 ♀. – (21) 28-VII, 4 ♂.
- *Orthetrum albistylum* (Sel.) – (2) 27-VII, 1 ♂, 1 ♀. – (3) 25-VII, 1 ♀. – (6) 27-VII, 1 ♀. – (7) 28-VII, 1 ♂. – (10) 27-VII, 1 ♂, 2 ♀. – (20) 29-VII, 1 ♂.
- *Orthetrum cancellatum* (L.) – (3) 25-VII, 2 ♂. – (7) 27-VII, 1 ♂. – (10) 27-VII, 2 ♂, 1 ♀. – (16) 28-VII, 1 ♂.
- *Crocotthemis erythraea* (Brullé) – (1) 28-VII, 1 ♂. – (3) 25-VII, 5 ♂. – (6) 30-VII, 2 ♂.
- *Sympetrum sanguineum* (Müll.) – (4) 25-VII, 1 ♂; 11-VIII, 1 ♀. – (6) 30-VII, 2 ♂, 1 ♀. – (7) 27-VII, 1 ♂.
- *Sympetrum vulgatum* (L.) – (1) 28-VII, 1 ♂. – (3) 25-VII, 4 ♂, 3 ♀; 13-IX, 1 ♂, 3 ♀. – (4) 25-VII, 4 ♀; 11-VIII, 1 ♀. – (5) 11-VIII, 2 ♂; 13-IX, 2 ♂. – (6) 27-VII, 3 ♂. – (7) 27-VII, 1 ♂. – (8) 25-VII, 4 ♂, 3 ♀. – (10) 27-VII, 10 ♂, 2 ♀. – (20) 29-VII, 1 ♂, 2 ♀.

Discussion

HRABÁR (1905) mentioned the occurrence of 45 species in this general region, but has mostly failed

to present the respective locality data and dates. To our knowledge, the sole other reference to the odonate fauna of this region is a record of *Somatochlora metallica* from the vicinity of Mukačeve, in the Latorycja floodplain (UJHELYI, 1955).

During our survey, *Coenagrion hastulatum*, *Brachytron pratense*, *Gomphus vulgatissimus*, *Cordulia aenea* and *Libellula fulva* were not encountered. Some of these certainly so because of the relatively advanced season during which the survey was conducted. All of them were checklisted by HRABÁR (1905) and could still be reasonably expected.

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