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## New data and first checklist of Odonata from Republic of Kosovo

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Republic of Kosovo, covering an area of 10.908 km<sup>2</sup>, is a West Balkan country where dragonflies are very poorly investigated. For Kosovo, Atlas of the European dragonflies and damselflies reports 22 dragonfly species, with less than 50 data altogether and majority of records collected before 1990, which makes Kosovo one of the least investigated European countries considering dragonfly fauna. Faculty of Mathematics and Natural Sciences, University of Prishtina holds a collection of specimens of 16 species and data records for 25 dragonfly species from the territory of Kosovo. All these records were collected after 2003. Additionally, a record of *Chalcolestes viridis* from 2011 is found on online database for mapping and monitoring biodiversity of Serbia – BioRas.

For now, no dragonfly species is protected in Kosovo, while the Red book of fauna of Kosovo, that will include also dragonflies, is in preparation.

In spring 2018 in the period from end of April to end of May first systematic survey, supported by International Dragonfly Fund, was conducted. Altogether, 32 dragonfly species were recorded at 41 sites. Among others, new data for *Coenagrion ornatum*, *Cordulegaster heros* and *Caliaeschna microstigma*, species of broader European concern, was collected. Larvae were sampled at lotic habitats only. Seven species were recorded for the first time in Kosovo.

Six species from the collection of University of Prishtina were not recorded during this spring survey, all are summer and autumn species. Three species from Atlas of the European dragonflies and damselflies – *Lestes dryas*, *Coenagrion pulchellum* and *Aeshna juncea* – were not recorded in this spring survey and are

also not included in the collection of University of Prishtina; all were recorded previous to 1990.

Results from this spring survey, records from Atlas of the European dragonflies and damselflies, together with records from the collection of University of Prishtina and mentioned record from BioRas give the first checklist of Odonata from Republic of Kosovo which consist of 42 species.

As a part of the Balkan odonatological cooperation, the 8<sup>th</sup> Balkan Odonatological Meeting (BOOM) will also be held in Kosovo this year (3.–10. August 2018), after which an annotated species' checklist will be prepared, in which also data collected in the field survey planned for end of June 2018 will be included and also presented at ECO 2018 in Brno.