

**Retreat site selection and thermoregulation through one year in sharp-snouted rock lizard (*Dalmatolacerta oxycephala*)**

D. LISIĆIĆ & S. KAPELJ

*Department of Animal Physiology, Biological Department, Faculty of Science, University of Zagreb, Rooseveltov trg 6, 10 000 Zagreb, Croatia; [dulisicic@net.hr](mailto:dulisicic@net.hr)*

The Sharp-snouted Rock Lizard, *Dalmatolacerta oxycephala* (Duméril & Bibron, 1839) is an endemic species of the Eastern Adriatic coast. Distribution area is very narrow, expanding through Southern Croatia, East Hercegovina and Southern Montenegro. As saxicolous species, it is distributed on almost all localities with rocks and cliffs in eumediteranean and submediterranean climate in this region, including most of large and small islands. As very narrow distributed specialist, studies involving this species are very scarce.

The goal of this study was to investigate some ecological aspects of this species. Study areas were localized on Island of Vis, Croatia. During four years data on 105 specimens were collected and several ecological parameters of microhabitat were recorded during 24 hours cycles, all year round. Results on refuge selection by night, night thermoregulation and refuges and thermoregulation in winter months were obtained. Also there are some evidences of night activity of this species. Although the Sharp-snouted Rock Lizard was not main target of the research, data collected here can contribute to understand the behavioural patterns of this endemic species.

