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Assessing the influence of the automobile traffic on the amphibians and reptiles in the buffer zone of Biosphere Reserve "Srebarna" (NE Bulgaria)

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ABSTRACT:

Currently the problem of the effects of the road network and traffic on the amphibians and reptiles in Bulgaria is poorly studied. During the period March 2002 – March 2004 in the Buffer Zone of Biosphere Reserve "Srebarna" (NE Bulgaria) were built two anti-fire roads from the eastern and western side of the lake in area of grasslands of semi-steppe type, typical for north-eastern Bulgaria. The aim of the constructed roads is to provide access for fire vehicles to areas in and around the reserve. The current study aims to provide data on the impact of road traffic and road network on the amphibians and reptiles inhabiting the buffer zone of the biosphere reserve "Srebarna".

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INTERNATIONAL
CONFERENCE ON
ZOOLOGY

OCTOBER 8–10, 2012, HISSAR, BULGARIA
PLOVDIV UNIVERSITY "PAISII HILENDARSKI",
FACULTY OF BIOLOGY

ISBN 978-954-423-794-3