

Contents

Introduction	4
Description of the road under study	5
Methods	6
Results	9
Review of vertebrates killed by traffic on the road under study	9
Numbers and dominance	9
Diversity	9
Differences between motorway and road	10
Variation in numbers and diversity of vertebrates killed in successive years of study	11
Variation in numbers and diversity of vertebrates killed in successive months	13
Numbers and diversity of vertebrates killed by traffic on the road under study in different environments	15
Relation between the variation in qualitative and quantitative indices and intensity of traffic	17
Impact of traffic on the road under study on individual species	17
European hare (<i>Lepus europaeus</i>)	17
Roe deer (<i>Capreolus capreolus</i>)	25
Pheasant (<i>Phasianus colchicus</i>)	27
Partridge (<i>Perdix perdix</i>)	28
Hedgehogs (<i>Erinaceus europaeus</i> , <i>E. concolor</i>)	29
Norway rat (<i>Rattus norvegicus</i>)	29
Domestic cat (<i>Felis catus</i>)	30
Small rodents	31
Remaining mammals	31
Small perching birds	32
Remaining birds	32
Amphibians	33
Discussion	33
Conclusions	39
Резюме	41
Literature	41