

136

Views

0

CrossRef citations to date

0

Altmetric

Research Article

First report on animal-vehicle collisions impact on wild and domestic animals in northern Algeria

[Mohamed Belkacem](#)

,
[Abdelwahab Rai](#)

,
[Noureddine Menzer](#)

,
[Mousslim Bara](#)

&
[Lotfi Mouni](#)

Published online: 06 Jun 2023

- [Cite this article](#)
- <https://doi.org/10.1080/00207233.2023.2217006>

- [CrossMark](#)

- [_Figures & data](#)
- [_References](#)
- [_Supplemental](#)
- [_Citations](#)
- [_Metrics](#)
- [_Reprints & Permissions](#)
- [Read this article](#)

Partager

ABSTRACT

Animal-vehicle collisions (AVCs) are considered a major cause of wildlife mortality. This study identified carcasses of AVC-killed animals along a road network located south of Algiers. The results showed that different types of wild and domestic animals were killed by vehicles, mostly mammals. In terms of diversity, wild animals are more subjected to AVC than domestic ones. But, dogs were the most commonly reported. *Hyaena hyaena*, declared a threatened species, was also reported in this AVC study. Moreover, the road types' diversity and seasonal variation also affected the AVC-affected animals. More collaboration between fauna conservationists and road authorities seems to be urgent to reduce AVC in Algeria.

KEYWORDS:

- [Conservation](#)
- [accident](#)
- [roadkill](#)
- [Mammalia](#)
- [wildlife](#)
- [mitigation](#)

[Previous article](#)[View latest articles](#)[Next article](#)

Disclosure statement

No potential conflict of interest was reported by the author(s).

Supplementary Information

Supplemental data for this article can be accessed online at <https://doi.org/10.1080/00207233.2023.2217006>