



Home > Encyclopedia of Domestic Violence > Living reference work entry

Siblicide in Black Eagles

Living reference work entry | First Online: 09 November 2024
pp 1–6 | Cite this living reference work entry

Shreyasi Das

15 Accesses

Synonyms

[Brood reduction](#); [Fratricide in avians](#); [Infanticide in avians](#); [Obligatory cainism](#); [Siblicide in birds](#); [Sibling abuse](#); [Sibling rivalry](#); [Sibling violence in birds](#); [Violence among avians](#); [Violence in eagle siblings](#)

Definition

Siblicide can be seen as a form of family homicide which involves violence between siblings and consequently the killing of one sibling by another. Siblicidal behavior, thus in simple terms, can be defined as killing of one or more individuals by another individual, all of whom are born to the same parents. Siblicide can be referred to as juvenile mortality, which happens as a consequence from the overt aggression of siblings in case of avians.

Siblicidal behavior in black eagles can be conceptualized as a way of “natural selection,” very commonly seen among nestling birds, and it serves as an evolutionary adaptive strategy that does help both the perpetrators, i.e., the offsprings by eliminating competition as well as the parents as the surviving offspring...

This is a preview of subscription content, [log in via an institution](#) to check access.

References

Anderson, D. J. (1990). Evolution of obligate siblicide in boobies: A test of the insurance egg hypothesis. *The American Naturalist*, *135*(3), 334–350.
<https://doi.org/10.1086/285049>

[Article](#) [Google Scholar](#)

Dobler, R., & Kölliker, M. (2010). Kin-selected siblicide and cannibalism in the European earwig. *Behavioral Ecology*, *21*(2), 257–263.

[Article](#) [Google Scholar](#)

Fulmer, A. G. (2022). Siblicide. In J. Vonk & T. K. Shackelford (Eds.), *Encyclopedia of animal cognition and behavior*. Springer. https://doi.org/10.1007/978-3-319-55065-7_522

[Chapter](#) [Google Scholar](#)

Gebo, E. (2002). A contextual exploration of siblicide. *Violence and Victims*, *17*(2), 157–168.

[Article](#) [PubMed](#) [Google Scholar](#)

Hofer, H., & East, M. L. (2008). Siblicide in Serengeti spotted hyenas: A long-term study of maternal input and cub survival. *Behavioral Ecology and Sociobiology*, *62*(3), 341–351.

[Article](#) [Google Scholar](#)

Mock, D. W., Drummond, H., & Stinson, C. H. (1990). Avian Siblicide. *American Scientist*, *78*(5), 438–449.

[Google Scholar](#)

Pexton, J. J., & Mayhew, P. J. (2002). Siblicide and life-history evolution in parasitoids. *Behavioral Ecology*, *13*(5), 690–695.

[Article](#) [Google Scholar](#)

[Download references](#)

Author information

Authors and Affiliations

Department of Applied Psychology, University College of Science, Technology and Agriculture, University of Calcutta, Kolkata, West Bengal, India

Shreyasi Das

Editor information

Editors and Affiliations

Oakland University, Rochester, MI, USA

Todd K. Shackelford

Section Editor information

No affiliation provided

Todd K. Shackelford

No affiliation provided

Gavin Vance

No affiliation provided

Madeleine K. Meehan

No affiliation provided

Haylee Majewski

No affiliation provided

Vincent Stabile

No affiliation provided

Sam Sobah

Rights and permissions

[Reprints and permissions](#)

Copyright information

© 2024 The Editor(s) (if applicable) and The Author(s), under exclusive license to Springer Nature Switzerland AG

About this entry

Cite this entry

Das, S. (2024). Siblicide in Black Eagles. In: Shackelford, T.K. (eds) Encyclopedia of Domestic Violence. Springer, Cham. https://doi.org/10.1007/978-3-030-85493-5_2120-1

Download citation

[.RIS](#) [.ENW](#) [.BIB](#)

DOI	Received	Accepted
https://doi.org/10.1007/978-3-030-85493-5_2120-1	19 June 2023	22 June 2023
Published	Publisher Name	Print ISBN
09 November 2024	Springer, Cham	978-3-030-85493-5
Online ISBN	eBook Packages	
978-3-030-85493-5	Living Reference	
	Behavioral Science and Psychology	
	Reference Module	
	Humanities and Social Sciences	
	Reference Module	
	Business, Economics and Social Sciences	

Publish with us

[Policies and ethics](#)

Discover content

[Journals A–Z](#)

[Books A–Z](#)

Publish with us

[Journal finder](#)

[Publish your research](#)

[Language editing](#)

[Open access publishing](#)

Products and services

[Our products](#)

[Librarians](#)

[Societies](#)

[Partners and advertisers](#)

Our brands

[Springer](#)

[Nature Portfolio](#)

[BMC](#)

[Palgrave Macmillan](#)

[Apress](#)

[Discover](#)