Environment & Society Portal

Multimedia Library Collection: Periodicals

"Organisms, Life Relations, and Evolution: Inter-Dependencies after Kropotkin's *Mutual Aid*"

Etxeberria Agiriano, Arantza, David Cortés García, and Mikel Torres Aldave

Etxeberria Agiriano, Arantza, David Cortés García, and Mikel Torres Aldave. "Organisms, Life Relations, and Evolution: Inter-Dependencies after Kropotkin's *Mutual Aid*." *ArtefaCToS: Revista De Estudios Sobre La Ciencia Y La tecnología* 12, no. 1 (2023): 179–204.

We examine some implications of Kropotkin's seminal work on mutual aid as a factor of evolution to analyze how non-competitive life relations are understood in current biological theories. We distinguish two research lines deriving from his work; one of them studies intraspecific relations of altruism and selfishness, and the other one is focused on interspecific symbiotic relations. Furthermore, we use the example of pregnancy and viviparity is used to extend the analysis to the evolution of novel inter-organismic characters. We conclude with a conceptual review of how collaborations and inter-dependencies among organisms shape individual autonomy and sociability in organismal evolutionary biology. (Abstract)

This article is a part of an issue of *ArtefaCToS* titled "Philosophy of Organismal Biology: From Ontogeny to Ecology and Evolution" which features articles in both Spanish and English.

This work is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 4.0 International License .

Download:
English version https://www.environmentandsociety.org/sites/default/files/key_docs/8davidveng.pdf
Spanish version
https://www.environmentandsociety.org/sites/default/files/key_docs/1989-3612-2023-0012-0001-0179-0204.pdf

Related links:

- Full issue of *ArtefaCToS* on the philosophy of organismal biology

Periodicals Collection, Multimedia Library, Environment & Society Portal
"Organisms, Life Relations, and Evolution: Inter-Dependencies after Kropotkin's *Mutual Aid*"
Source URL: http://www.environmentandsociety.org/node/9617
Print date: 13 December 2025 21:14:17

https://doi.org/10.14201/art2023121

Periodicals Collection, Multimedia Library, Environment & Society Portal
"Organisms, Life Relations, and Evolution: Inter-Dependencies after Kropotkin's *Mutual Aid*"
Source URL: http://www.environmentandsociety.org/node/9617
Print date: 13 December 2025 21:14:17