

## Publications- E. Hoberg Parasite Division-

### 2023-

Galbreath KE, Makarikov A, Bell K, Greiman S, Allen J, Haas G, Li C, Cook JA, Hoberg EP. Late Cenozoic history and the role of Beringia in assembling a Holarctic cestode species complex. **Molecular Phylogenetics and Evolution**.183: (2023) 107775. <https://doi.org/10.1016/j.ympev.2023.107775>

Peterson DE, Dunnum JL, Liphardt SW, Boegler KA, Eckerlin RP, Hoberg EP, Perez-Arriaga MO, Dereig K, Garnand D, Campbell ML, Cook JA. A diverse flea (Siphonaptera) assemblage from the small mammals of central New Mexico. **Manter: Journal of Parasite BioDiversity**. 2023. Occasional Papers, Number 31, April 10, 2023. doi: 10.32873/unl.dc.manter31. <https://digitalcommons.unl.edu/manter>

### 2022-

Hoberg EP, Boeger WA, Brooks DR, Trivellone V, Agosta S. Steppingstones and Mediators of Pandemic Expansion- A Context for Humans as Ecological Super-Spreaders. **Manter: Journal of Parasite BioDiversity**. 2022. Occasional Papers, Number 18, 1-12. May 24, 2022. doi: 10.32873/unl.dc.manter18.

Sharma R, Konecsni K, Thompson P, Bouchard E, Harms NJ, Kukka PM, Jung TS, Wagner B, Hoberg EP, Rosenthal B, Scandrett B, Jenkins E. Unexpected discovery of *Trichinella spiralis* in a wolverine (*Gulo gulo*) in the Yukon near Alaskan border. **Veterinary Parasitology**. In review.

Hoberg EP, Trivellone V, Cook, JA, Dunnum JL, Boeger WB, Brooks DR, Agosta SJ, Colella JC. Knowing the biosphere- Documentation, specimens, archives and names reveal environmental change and emerging pathogens. **Manter: Journal of Parasite BioDiversity**. 2022. Occasional Papers, Number 26, 1-24. December 21, 2022. doi: 10.32873/unl.dc.manter26. <https://digitalcommons.unl.edu/manter/> (Special Series- Stockholm Paradigm and DAMA).

Hoberg EP, Boeger W, Bajer-Molnár O, Földvari G, Gardner SL, Juarrero A, Kharchenko V, Ortiz E, Preiser W, Trivellone V, Brooks DL. DAMA Protocol, an Introduction- Finding Pathogens Before They Find Us. **Manter: Journal of Parasite BioDiversity**. 2022. Occasional Papers, Number 21, 1-20. November 3, 2022. doi: 10.32873/unl.dc.manter21. (Special Series- Stockholm Paradigm and DAMA).

Brooks, D.L., Boeger, W.A., Hoberg, E.P. The Stockholm Paradigm: Lessons for the Emerging Infectious Disease Crisis. **Manter: Journal of Parasite BioDiversity**. 2022. Occasional Papers, Number 22, 1-10. November 7, 2022. doi: 10.32873/unl.dc.manter22. (Special Series- Stockholm Paradigm and DAMA).

Molnár O, Hoberg EP, Földvári G, Trivellone, V, Brooks DR. The 3P Framework – A Comprehensive Approach to Coping with the Emerging Infectious Disease Crisis. **Manter: Journal of Parasite BioDiversity**. 2022. Occasional Papers, Number 23, 1-14. October 27, 2022. doi: 10.32873/unl.dc.manter23. (Special Series- Stockholm Paradigm and DAMA).

Zarlenga D, Hoberg EP, Detwiler JT. Diversity and History- Establishing A Context for Helminth Biology. **In: Helminth Infections and Their Impact on Global Public Health.** 2<sup>nd</sup> Edition. F. Bruschi (ed.). Springer Verlag. 2022. pp. 35-72. [https://doi.org/10.1007/978-3-031-00303-5\\_2](https://doi.org/10.1007/978-3-031-00303-5_2)

Brooks DR, Hoberg EP, Boeger WA, Trivellone, V. Emerging infectious disease: An underappreciated area of strategic concern for food security. **Transboundary and Emerging Diseases.** 2022; 69:254–267. DOI: 10.1111/tbed.14009

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Boeger WA, Brooks DR, Trivellone, V, Agosta SJ, & Hoberg EP (2022). Ecological super-spreaders drive host–range oscillations: Omicron and risk space for emerging infectious disease. **Transboundary and Emerging Diseases.** 2022; 69, e1280–e1288. <https://doi.org/10.1111/tbed.14557>

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Zarlenga D, Thompson P, Mitreva M, Rosa B, Hoberg E. Horizontal gene transfer provides insights into the evolutionary history and biology of *Trichinella*. **Foodborne and Waterborne Parasitology.** 2022. 27 (2022) e00155. <https://doi.org/10.1016/j.fawpar.2022.e00155>

## 2021-

Sharma R, Harms NJ, Kukka P, Jung T, Parker S, Ross S, Thompson P, Rosenthal B, Hoberg EP, Jenkins E. High prevalence, intensity, and genetic diversity of *Trichinella* spp. in wolverine (*Gulo gulo*) from Yukon, Canada. **Parasites and Vectors.** 2021.14: 146. <https://doi.org/10.1186/s13071-021-04636-2>

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Hoberg EP, Soudachanh KM. Diversity of Tetrabothriidae (Eucestoda) among Holarctic Alcidae (Charadriiformes): Resolution of the *Tetrabothrius jagerskioeldi* cryptic species complex- Cestodes of Alcinae- provides insights on the dynamic nature of tapeworm and marine bird faunas under the Stockholm Paradigm. **Manter: Journal of Parasite BioDiversity.** 2021. Occasional Papers, Number 16: 1-76. 10 October 2021. doi:10.32873/unl.dc.manter16.

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Makarikov A, Galbreath KE, Eckerlin R, Hoberg EP. Discovery of *Arostrilepis* tapeworms (Cyclophyllidae: Hymenolepididae) and new insights for parasite species diversity from Eastern North America. **Parasitology Research**. 2020. 119: 567-585. <https://doi.org/10.1007/s00436-019-06584-4>

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## 2019-

Meredith, M., Sommerkorn, M. (coordinating Lead Authors). 2019. Polar Regions Chapter 3. In: IPCC Special Report on the Ocean and Cryosphere in a Changing Climate [H.- O. Pörtner, D.C. Roberts, V. Masson-Delmotte, P. Zhai, M. Tignor, E. Poloczanska, K. Mintenbeck, M. Nicolai, A. Okem, J. Petzold, B. Rama, N. Weyer (eds.)]. (EPH contributing author)

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