**HENRY S. POLLOCK**

CURRICULUM VITAE

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Postdoctoral Research Associate

Department of Natural Resources and Environmental Sciences

University of Illinois at Urbana-Champaign

Urbana, IL 61801

**PROFESSIONAL APPOINTMENTS**

**Jan 2021 – present Instructor** | Department of Natural Resources and Environmental Sciences | University of Illinois at Urbana-Champaign (UIUC)

**Aug 2019 – present Postdoctoral Research Associate** | Department of Natural Resources and Environmental Sciences, UIUC. *Supervisors: Drs. Jeffrey Brawn, Mark Hauber, and Carena van Riper*

**Mar 2017 – July 2019**  **Postdoctoral Research Associate** | School of Global Environmental Sustainability, Colorado State University. *Supervisor: Dr. Joshua Tewksbury*

**EDUCATION**

**Sep 2010 – Dec 2016 Ph.D.** | Program in Ecology, Evolution, and Conservation Biology, UIUC.

*Supervisors: Drs. Jeffrey Brawn and Zachary Cheviron*

**Aug 2005 – May 2009 B.A.** | Departments of Biology and Classics, Washington University in St. Louis

**Jan – May 2008** **Semester abroad** | Organization for Tropical Studies Tropical Biology for Undergraduates field course, Costa Rica

**PUBLICATIONS**

†authors contributed equally

\*undergraduate mentee or field assistant

***In prep (n = 6)***

**Pollock, H.S.**, C.E. Tarwater & J.D. Brawn. Long-term monitoring reveals the remarkably long lives of tropical forest landbirds. Target journal: *Ecology*.

**Pollock, H.S.**†​, H. Thierry†, E. Rehm, E.C. Fricke, C. Wagner\*, J.A. Savidge & H.S. Rogers. An urban refuge rescues a locally endangered frugivore and its seed dispersal services. Target journal: *Ecological Applications*.​

**Pollock, H.S.**†, H. Thierry, O. Jaramillo\*, H.S. Rogers & E.M. Rehm†. Sleeping with the enemy: spatial and social responses of an avian prey community to a notorious invasive predator. Target journal: *Ecology Letters*. ​​​

Kastner, M.†, **H.S. Pollock**†, S.J. Goetz†, M. Nafus, E.B. Paxton, S. Siers, J. Savidge, T.M. Jones & H.S. Rogers. Landscape of fear responses at multiple spatial scales rescue an endangered bird population from a notorious invasive predator. Target journal: *Proceedings of the National Academy of Sciences USA*.

Andrade, R., **H.S. Pollock**, D. Goodson, S.B. Lerman, M.E. Hauber & C.J. van Riper. Synthesizing the multiple values of human-bird interactions across social-ecological perspectives. Target journal: *Landscape Ecology*.

Sweet, W., J.P. Gomez, **H.S. Pollock**, & A.E. Martínez. The evolution of ecological specialization in ant-following birds of the Neotropics. Target journal: *The American Naturalist*.

**Pollock, H.S.**, R.A. Andrade, D.J. Goodson, M.A. Hauber, S. Lerman & C.J. van Riper. Seasonal dynamics of bird community structure in public and private greenspaces. Target journal: *Landscape and Urban Planning*.

**Pollock, H.S.**†, D.A. Luther†, W.J. Cooper, C.L. Rutt, Z.A. Cheviron & J.D. Brawn. Equivocal support for the climate variability hypothesis within a Neotropical bird assemblage. Target journal: *The American Naturalist.*

***In revision/review (n = 2)***

30. Nguyen, A.V., L. Dueñas, E.C. Fricke, M. Kastner, **H.S. Pollock**, E.M. Rehm, H.S. Rogers, C. Wagner, G.J. Wiles, R.M. McElderry, S.R. Siers & E.H. Paxton. Ecology and conservation biology of Guam’s native birds: Såli (Micronesian Starling, *Aplonis opaca guami*). *Micronesica* (in review).

***Peer-reviewed (­n = 28, 16 first or co-first author)***

**2022**

29. **Pollock, H.S.**, D. Lamont\*, S.E. MacDonald, A. Spence, J.D. Brawn & Z.A. Cheviron. Widespread torpor

use among hummingbirds from the thermally stable lowland tropics. *Physiological and Biochemical Zoology*

(accepted)*.*

* Special issue on hibernation and daily torpor

28. Suckow, N.M.†\*, **H.S. Pollock**†, M.E. Hauber, M. Kastner, J. Savidge, K. Baker\* & H.S. Rogers. Parental aggression is positively related to reproductive success during the nesting, but not the fledgling stage in a locally endangered island passerine. *Ethology* 128: 499-507.

27. **Pollock, H.S.**, J.D. Toms, C.E. Tarwater, T.J. Benson, J.R. Karr & J.D. Brawn. Long-term monitoring reveals widespread and severe declines of birds in a protected Neotropical forest. *Proceedings of the National Academy of Sciences USA* 119: e2108731119.

* Press coverage:
  + <https://www.theguardian.com/environment/2022/apr/04/bird-populations-in-panama-rainforest-in-severe-decline-study-finds>
  + [https://news.mongabay.com/2022/05/drastic-declines-in-neotropical-birds-in-a-protected-panamanian-forest](https://news.mongabay.com/2022/05/drastic-declines-in-neotropical-birds-in-a-protected-panamanian-forest/)
  + **Top 1% Altmetric**

26. Savidge, J.A., M. Kastner, **H.S. Pollock** & T.F. Seibert. Nest-site selection and breeding biology of the

locally endangered Micronesian Starling (*Aplonis opaca*) informs its recovery on Guam. *Avian Ecology and*

*Conservation* 17: 18.

25. Tobias, J.A.,…**H.S. Pollock.**,…, et al. (52 out of 116 authors). AVONET: morphological, ecological and geographical data for all birds. *Ecology Letters* 25: 581-597.

* Press coverage:
  + <https://www.scientificeuropean.co.uk/sciences/biology/avonet-a-new-database-for-all-birds/>
  + <https://www.science.org/content/article/first-of-its-kind-global-catalog-bird-shapes-yields-ecological-gold-mine>
  + **Top 1% Altmetric**

24. **Pollock, H.S.**, M. Kastner, G. Wiles, H. Thierry, L.D. Barnhart, E. Paxton, N. Suckow\*, J. Quitugua &

H.S. Rogers. Recent recovery and expansion of Guam’s locally endangered Såli (Micronesian Starling, *Aplonis*

*opaca*) population in the presence of the invasive brown treesnake. *Bird Conservational International* 32: 95-110.

**2021**

23. Robinson, W.D., D. Errichetti\*, **H.S. Pollock**, A.E. Martínez, P.C. Stouffer & J.G. Blake. Big bird plots:

benchmarking Neotropical bird communities to address questions in ecology and conservation in an era of

rapid change. *Frontiers in Ecology and Evolution* 9: 697511.

22. **Pollock, H.S.**, S.E. MacDonald, J. Vizentin-Bugoni, J.D. Brawn, Z.S. Sutton, & M.E. Hauber. What

the pluck? Theft of mammal hair by birds is a rarely documented but common behavior with fitness

implications. *Ecology* 102: e03501.

* Press coverage:
  + Covered by more than 50 news and media outlets, including *New York Times* and *NPR*
  + **Top 1% Altmetric**

21. Nishikawa, E.T., **H.S. Pollock** & J.D. Brawn. Dry season intensity has equivocal effects on the nutritional

condition of understory birds in a Neotropical forest. *Ornithology* 138: ukaa085.

20. **Pollock, H.S.**, J.P. Hoover, F.M-K. Uy & M.E. Hauber. Brood parasites are a heterogeneous and

functionally distinct class of natural enemies. *Trends in Parasitology* 37: 588-596.

19. Kastner, M.†, **H.S. Pollock**†, J.A. Savidge, E.C. Fricke & H.S. Rogers. Functional rescue of seed dispersal

by a remnant frugivore population on a defaunated tropical island. *Biotropica* 53: 359-366.

18. Martínez, A.E.†, **H.S. Pollock**†, P. Rodrigues & J.M. Touchton. Ant-following in Neotropical birds: a review and prospectus. *Ornithology* 138: ukaa078.

* **​**Invited review: Special Feature issue, "Advances in Neotropical Ornithology"

17. **Pollock, H.S.**, J.D. Brawn & Z.A. Cheviron. Heat tolerances of temperate and tropical birds and their implications for susceptibility to climate warming. *Functional Ecology* 35: 93-104.

* Journal cover
* Press coverage:
  + ​<https://functionalecologists.com/2020/10/20/henry-pollock-can-tropical-and-temperate-birds-take-the-heat-of-climate-change/>
  + <https://aces.illinois.edu/news/warming-climate-can-birds-take-heat>
  + **Top 5% Altmetric**

**2020**

16. **Pollock, H.S.**†, T.M. Jones†, C.E. Tarwater†, E.T. Nishikawa & J.D. Brawn. Rapid colonization and turnover of birds in a tropical forest treefall gap. *Journal of Field Ornithology* 91: 107-117.

* Press coverage:
  + <https://aces.illinois.edu/news/hummingbirds-show-when-tropical-trees-fall-down>
  + Featured in BBC Wildlife Magazine, August 2020, 'Meet the Scientist': <https://www.discoverwildlife.com/people/meet-the-scientist/>
  + **Top 5% Altmetric**

15. **Pollock, H.S.**, E.C. Fricke, E.M. Rehm, M. Kastner\*, N. Suckow\*, J.A. Savidge & H.S. Rogers. Såli (Micronesian starling – *Aplonis opaca*) as a key seed dispersal agent across a tropical archipelago. *Journal of Tropical Ecology* 36: 56-64.

**2019**

14. **Pollock, H.S.**, J.D. Brawn, T.J. Agin & Z.A. Cheviron. Differences between temperate and tropical birds in seasonal acclimatization of thermoregulatory traits. *Journal of Avian Biology* 50: 1-11.

13. **Pollock, H.S.**, J.A. Savidge, M.R. Kastner\*, T. Seibert & T.M. Jones. Pervasive impacts of invasive brown treesnakes drive low fledgling survival in endangered Micronesian starlings (*Aplonis opaca*) on Guam. *The Condor: Ornithological Applications* 121: 1-11.

* Journal cover
* Press coverage:
  + <https://americanornithology.org/tracking-guams-snake-survivors/>
  + <https://www.audubon.org/magazine/winter-2018/are-starlings-key-making-guams-forests-sing-again>

**2018**

12. Wagner, C.†\*, C. Tappe\*, M. Kastner\*, O. Jaramillo\*, N. Van Ee\*, J. Savidge & **H.S. Pollock**†. First recorded predation of fledgling Micronesian starlings (*Aplonis opaca*) by brown treesnakes (*Boiga irregularis*) on Guam. *Micronesica* 6: 1-7.

11. Martínez, A.E†, **H.S. Pollock**†, J.P. Kelley & C.E. Tarwater. Social information cascades influence the formation of mixed-species flocks of ant-following birds in the Neotropics. *Animal Behaviour* 135: 25-35.

* Press coverage:
  + <https://sciencetrends.com/using-social-information-cascade-to-spread-information/>

**2017**

10. O’Mara, M.T., S. Rikker, M. Wikelski, A. ter Maat, **H.S. Pollock**, R.A. Page & D.K.N. Dechmann. Heart rate reveals torpor at high body temperatures in lowland tropical free-tailed bats. *Royal Society Open Science* 4: 171359.

9. **Pollock, H.S.**†, A.E. Martínez†, J.P. Kelley, J.M. Touchton & C.E. Tarwater. Heterospecific eavesdropping in ant-following birds of the Neotropics is a learned behavior. *Proceedings of the Royal Society B: Biological Sciences* 284: 20171785.

8. **Pollock, H.S.** First observation of a disturbance foraging association between obligate ant-following birds and a tamandua anteater in central Panama. *Wilson Journal of Ornithology* 129: 870-873.

7. O’Mara, M.T., M. Wikelski, C.C. Voigt, A. Ter Maat, **H.S. Pollock**, G.P. Burness, L.M. Desantis & D.K.N. Dechmann. Cyclic bouts of extreme bradycardia counteract the high metabolism of frugivorous bats. *eLife* 6: e26686*.*

**2016**

6. Stager, M.†, **H.S. Pollock**†, P.M. Benham, N.D. Sly, J.D. Brawn & Z.A. Cheviron. Disentangling environmental drivers of metabolic flexibility in birds: the importance of temperature extremes vs. temperature variability. *Ecography* 39: 787-795.

**2015**

5. **Pollock, H.S**., Z.A. Cheviron, T.J. Agin\* & J.D. Brawn. Absence of microclimate selectivity in insectivorous birds of the Neotropical forest understory. *Biological Conservation* 188: 116-125.

**Pre-2015**

4. Niu, G., **H.S. Pollock**, A. Lawrance, J.P. Siegel & M.R. Berenbaum. 2012. Effects of a naturally occurring and a synthetic synergist on toxicity of three insecticides and a phytochemical to navel orangeworm (Lepidoptera: Pyralidae). *Journal of Economic Entomology* 105: 410-417.

3. Johnson, R.M., W. Mao, **H.S. Pollock**, G. Niu, M.A. Schuler & M.R. Berenbaum. 2012. Ecologically appropriate xenobiotics induce cytochrome. P450s in *Apis mellifera*. *PLoS ONE* 7: e31051.

2. Johnson, R.M., **H.S. Pollock** & M. Berenbaum. 2009. Synergistic interactions between in-hive miticides in

*Apis* *mellifera*. *Journal of Economic Entomology* 102: 474-79.

1. Ament, S.A., M. Corona, **H.S. Pollock** & G.E. Robinson. 2008. Insulin signaling is involved in the regulation of worker division of labor in honey bee colonies. *Proceedings of the National Academy of Sciences USA* 105: 4226-31.

***Non-peer-reviewed***

**2020**

Di Giovanni, A.†\*, **H.S. Pollock**†, K. Zimmer & M.L. Isler. White-bellied Antbird (*Myrmeciza longipes*), version

1.0. In Birds of the World (T. S. Schulenberg, Editors). Cornell Lab of Ornithology, Ithaca, NY, USA. URL:

<https://birdsoftheworld.org/bow/species/whbant1/cur/introduction>.

Horsley, N.P†\*, D. Eddy\*, C. Maguire\* & **H.S. Pollock**†**.** Streak-chested Antpitta (*Hylopezus perspicillatus*), version 1.0. In Birds of the World (T. S. Schulenberg, Editor). Cornell Lab of Ornithology, Ithaca, NY, USA. URL: <https://birdsoftheworld.org/bow/species/stcant2/cur/introduction>.

**Pollock, H.S.**†& T.J. Agin†\*. Song Wren (*Cyphorhinus phaeocephalus*), version 1.0. In Birds of the World (T. S. Schulenberg, Editor). Cornell Lab of Ornithology, Ithaca, NY, USA. URL: <https://birdsoftheworld.org/bow/species/sonwre1/cur/introduction>.

***Books and book chapters***

*Elusive Birds of the Tropical Understory*. Edited by J. Whitelaw, J. Brawn, **H.S. Pollock** & J.W. Fitzpatrick. Cornell University Press, Ithaca, N.Y. 2022. <https://www.cornellpress.cornell.edu/book/9781501759468/elusive-birds-of-the-tropical-understory/>

**Pollock, H.S.** Ocellated Antbird (*Phaenostictus mcleannani*). In: *Elusive Birds of the Tropical Understory.* Edited by J. Whitelaw, J. Brawn, H.S. Pollock & J.W. Fitzpatrick. Cornell University Press, Ithaca, N.Y.

**Pollock, H.S.** Streak-chested Antpitta (*Hylopezus perspicillatus*). In: *Elusive Birds of the Tropical Understory.* Edited by J. Whitelaw, J. Brawn, H.S. Pollock & J.W. Fitzpatrick. Cornell University Press, Ithaca, N.Y.

**Pollock, H.S.** Black-faced Antthrush (*Formicarius analis*). In: *Elusive Birds of the Tropical Understory*. Edited by J. Whitelaw, J. Brawn, H.S. Pollock & J.W. Fitzpatrick. Cornell University Press, Ithaca, N.Y.

**Pollock, H.S.** Blue-black Grosbeak (*Cyanoloxia cyanoides*). In: *Elusive Birds of the Tropical Understory*. Edited by J. Whitelaw, J. Brawn, H.S. Pollock & J.W. Fitzpatrick. University Press, Ithaca, N.Y.

Brawn, J.D. & **H.S. Pollock.** Long-billed Gnatwren (*Ramphocaenus melanurus*). In: *Elusive Birds of the Tropical Understory.* Edited by J. Whitelaw, J. Brawn, H.S. Pollock & J.W. Fitzpatrick. Cornell University Press, Ithaca, N.Y.

Brawn, J.D. & **H.S. Pollock.** Plain-brown Woodcreeper (*Dendrocincla fuliginosa*). In: *Elusive Birds of the Tropical Understory.* Edited by J. Whitelaw, J. Brawn, H.S. Pollock & J.W. Fitzpatrick. Cornell University Press, Ithaca, N.Y.

Whitelaw, J. & **H.S. Pollock.** Scaly-breasted Wren (*Microcerculus marginatus*). In: *Elusive Birds of the Tropical Understory*. Edited by J. Whitelaw, J. Brawn, H.S. Pollock & J.W. Fitzpatrick. Cornell University Press, Ithaca, N.Y.

**GRANTS, FELLOWSHIPS AND AWARDS**

***Research grants (total = $776,491)***

**2021 IOS Behavioral Systems #2138040** | National Science Foundation | Species roles and the impacts

of species loss on the formation and maintenance of an iconic mixed-species animal group | Equal

co-contributor and senior personnel $763,791

**2015 Summer Research Award** | Program in Ecology, Evolution and Conservation Biology $1,000

**Chapman Grant** | American Museum of Natural History $800

**Student Research Grant** | Animal Behavior Society $1,000

**2014 Chapman Grant** | American Museum of Natural History $1,400

**Summer Research Award** | Program in Ecology, Evolution and Conservation Biology $1,000

**2013 Werner and Hildegard Hesse Research Award.** American Ornithologists’ Union $2,500

**Research Grant** | Illinois Ornithological Society $1,000

**Paul A. Stewart Award** |Wilson Ornithological Society $1,000

**2012 Research Grant** | Carolina Bird Club $3,000

***Travel grants (total = $4,300)***

**2019 Conference Travel Award** | American Ornithological Society $185

**2016 Conference Travel Award** | Cooper Ornithological Society $210

**Travel Grant** | Program in Ecology, Evolution and Conservation Biology $800

**2015 Travel Grant** | Program in Ecology, Evolution and Conservation Biology $800

**2011 Dissertation Travel Grant** | UIUC Graduate College $2,305

***Fellowships (total = $223,310)***

**2015 Dissertation Completion Fellowship** | UIUC Graduate College $20,000

**Diffenbaugh Fellowship** | UIUC Graduate College $15,000

**Clark Summer Fellowship** | UIUC School of Integrative Biology $4,600

**2014 Outstanding Fellow** | Program in Ecology, Evolution and Conservation Biology $2,250

**Short-term Fellowship** | Smithsonian Tropical Research Institute $3,000

**Research Fellowship** | Smithsonian Institute Committee for Institutional Cooperation $33,460

**2013 Diffenbaugh Fellowship** | UIUC Graduate College $15,000

**2011 Graduate Research Fellowship** | National Science Foundation $130,000

**TEACHING & MENTORSHIP**

***Instructor of record***

**2021-23** **Wildlife Population Ecology (Natural Resources and Environmental Sciences 407)** |

University of Illinois at Urbana-Champaign. \**List of teachers ranked as Outstanding (top 10% of all instructors university-wide) by their students*.

**2016, 22 Vertebrate Natural History (Integrative Biology 368)** | University of Illinois at Urbana-

Champaign. \**List of teachers ranked as Outstanding by their students*.

***Teaching assistant***

**2013 Ecology (Integrative Biology 203)** | University of Illinois at Urbana-Champaign. \**List of teachers ranked as Outstanding by their students*.

**2009 *Apis mellifera* Freshman Discovery Course (Integrative Biology 201)** | University of Illinois at

Urbana-Champaign.

***Guest lectures***

**2022 Pollock, H.S.** A blueprint for surviving invasive predators: a case study of the Micronesian starling

on the oceanic island of Guam. California State University Long Beach, CA.

**2021 Pollock, H.S.** What the pluck? The importance of natural history and citizen science to illuminate

animal behavior. Champaign County Audubon Society. Urbana, IL.

**2021 Pollock, H.S.** A blueprint for surviving invasive predators: a case study of the Micronesian starling

on the oceanic island of Guam. California State University Long Beach, CA.

**2015-17 Pollock, H.S.** Community ecology of tropical birds. University of Illinois IGERT (Integrative

Graduate Education and Research Traineeship program) field course, Gamboa, Panama.

**2015 Pollock, H.S.** & A.E. Martínez. Huéspedes no invitados: el uso de información heterospecífica

entre aves que siguen hormigas guerreras para localizar enjambres. Organization for Tropical

Studies field course, Barro Colorado Island, Panama.

**Pollock, H.S.** & A.E. Martínez. Avifauna of Barro Colorado Island: historical and current patterns

of species richness. Yale University field course, Barro Colorado Island, Panama.

**2013 Pollock, H.S.** History of the Smithsonian Tropical Research Institute in Panama. Gamboa resort

eco-seminar, Gamboa, Panama.

***Field courses***

**2015-17 Mist-netting short course** | University of Illinois at Urbana-Champaign. Gamboa, Panama.

**2014 Avian research methods** | Butler University. Gamboa, Panama.

**2013** **CHANCE (Connecting Humans and Nature through Conservation Experiences)** | Penn

State University. Gamboa, Panama.

**2012 Radio-telemetry and mist-netting short course** | Harvard University. Gamboa, Panama.

***Graduate mentoring***

* **Devin Goodson** | 2021-present | UIUC | M.S. student mentor.
* **Seunguk Shin** | 2021-present | UIUC | Ph.D. committee member.
* **Will Sweet** | 2020-present | California State University, Long Beach | External M.S. committee member
* **Patricia Rodrigues** | 2019-present | Lousiana State University | External Ph.D. committee member
* **Martin Kastner** | 2019-present | Iowa State University | External Ph.D. committee member

***Undergraduate mentoring***

* **Jessica Vestal** | 2021-present | Undergraduate mentee | Spatial analysis of human-bird interactions in a Midwestern metropolitan area.
* **Nicole Suckow** | 2016-2018 | Seed dispersal and population ecology of the Micronesian Starling on Guam. Currently a M.S. student in Natural Resources and Environmental Sciences, UIUC.
* **Bridget Strejc** | 2016-2017 | Global patterns of disturbance foraging in birds. Currently applying to graduate school.
* **Alex DiGiovanni** | 2015 | Metabolic ecology of temperate-zone birds in Illinois. M.S. in Natural Resources and Environmental Sciences, UIUC. Currently a Ph.D. student at George Mason University.
* **Noah Horsley** | 2015 | Ptilochronology and nutritional stress in tropical forest birds. M.S. in Natural Resources and Environmental Sciences, UIUC. Currently a data scientist, Harmony Analytics, GA.
* **Jason Huska** | 2015 | Metabolic ecology of temperate-zone birds in Illinois. Currently an organic farmer.
* **Stephanie Meyers** | 2015 | Metabolic ecology of temperate-zone birds in Illinois. Currently an environmental consultant at E.P.A., CO.
* **Chelsea Maguire** | 2014 | Natural history species account of the White-bellied Antbird. M.S. in Medical Laboratory Sciences at Rush University.
* **Doug Eddy** | 2014 | Natural history species account of the Streak-chested Antpitta. Currently an M.S. student at the University of Wyoming.
* **T.J. Agin** | 2013-2014 | Natural history species account of the Song Wren. M.S. in Ecology, Evolution, and Environmental Biology, Columbia University. Currently a data analyst in New York City.

**FIRST-AUTHOR PRESENTATIONS**

***Invited seminars***

**2022 Pollock, H.S.** On the utility of marked populations: a case study of an endangered frugivore on a

tropical oceanic island. Netherlands Institute of Ecology (NIOO-KNAW). Wageningen, Netherlands.

**Pollock, H.S.** Benchmarking biodiversity: long-term population studies as a window into

global change. Archbold Biological Station. Venus, FL.

**Pollock, H.S.** The importance of long-term studies: a window into the lives of tropical rainforest

birds of Panama. Douglas-Hart Nature Center, Mattoon, IL.

**2021 Pollock, H.S.** A blueprint for surviving invasive predators: a case study of the Micronesian starling

on the oceanic island of Guam. Austin Peay State University. Clarksville, TN (***virtual seminar***).

**2020 Pollock, H.S.** The silent forests of Guam: the historical and ongoing impacts of one of the world's

most invasive predators on an insular avifauna. University of Illinois at Urbana-Champaign

Department of Natural Resources and Environmental Sciences. Urbana, IL.

**Pollock, H.S.** The silent forests of Guam: the historical and ongoing impacts of one of the world's

most invasive predators. Lincoln Park Zoo. Chicago, IL.

**Pollock, H.S.** The silent forests of Guam: the historical and ongoing impacts of one of the world's

most invasive predators on an insular avifauna. Smithsonian Tropical Research Institute Tupper

seminar. Panama City, Panama.

**Pollock, H.S.** The silent forests of Guam: the historical and ongoing impacts of one of the world's

most invasive predators on an insular avifauna. California State University Long Beach Department of

Biological Sciences. Long Beach, CA (***virtual seminar***).

**2016 Pollock, H.S.** The influence of spatiotemporal variation in ambient temperature on the physiology

and ecology of birds. Program in Ecology, Evolution and Conservation Biology, University of Illinois

at Urbana-Champaign. Urbana, IL.

**2014 Pollock, H.S.** & J.D. Brawn. The influence of environmental variation on behavior and physiology

of birds: a comparative approach. Smithsonian Tropical Research Institute. Panama City, Panama.

**Pollock, H.S.**, Z.A. Cheviron & J.D. Brawn. Testing Janzen’s hypothesis: exploring variation in

avian thermal tolerances across latitude. Savannah River Ecology Lab. Aiken, SC.

**2012 Pollock, H.S.** & J.D. Brawn. Comparative physiology of tropical and temperate birds: does

evolutionary history influence prospects for the future?. Smithsonian Tropical Research Institute

graduate research seminar. Gamboa, Panama.

**2011** **Pollock, H.S.** & J.D. Brawn. Comparative physiology of tropical and temperate birds:

does evolutionary history influence prospects for the future?. The Wildlife Society, University of

Illinois at Urbana-Champaign. Urbana, IL (***keynote speaker***).

***First-author presentations at professional meetings***

\*denotes invited symposium

**2022** \***Pollock, H.S.**, C.E. Tarwater, & J.D. Brawn. Demographic mechanisms of long-term population

decline in Neotropical forest birds. Invited Symposium, “Responses of the Neotropical forest

avifauna to climate and land-use change”. Annual Meeting of the American Ornithological Society.

San Juan, Puerto Rico (***symposium co-organizer***).

**2021Pollock, H.S.**, J. Vizentin-Bugoni, S.E. MacDonald, J.D. Brawn & M.E. Hauber. What the pluck?

Extraction of mammal hair by tits (Paridae) is an underappreciated behavior with important fitness

implications. Northeast Natural History Conference (***virtual meeting****).*

**Pollock, H.S.**, M.E. Hauber, B. Strejc & C.E. Tarwater. Follow the fracas: global patterns of variation

in disturbance foraging behavior of birds. Annual Meeting of the Society for Integrative and Comparative Biology (***virtual meeting***).

**Pollock, H.S.**, S. Goetz, M. Kastner, O. Jaramillo, E. Rehm, M. Nafus, J. Savidge, E. Paxton, S. Siers & H.S. Rogers. Sleeping with the enemy: avian responses to the landscape of fear on Guam. 4th Annual Marianas Terrestrial Conservation Conference (***virtual meeting***).

**2020 Pollock, H.S.**, S. Goetz, M. Kastner, M. Nafus, J. Savidge, E. Paxton, S. Siers & H.S. Rogers. Older

and wiser? Age-based differences in roosting behavior of Såli (Micronesian starling, *Aplonis opaca*) and

their fitness consequences in the presence of the invasive brown treesnake. Annual Meeting of the

Brown Treesnake Technical Working Group (***virtual meeting***).

**Pollock, H.S.**, J.D. Toms, C.E. Tarwater, T.J. Benson & J.D. Brawn. Long-term monitoring reveals widespread avian declines in intact tropical forest. North American Ornithological Conference

VII (***virtual meeting***).

**2019 \*Pollock, H.S.**, A.E. Martínez, J.P. Kelley, J.M. Touchton & C.E. Tarwater. Loss of a keystone

informant disrupts information cascades among ant-following birds in a tropical forest fragment.

Invited Symposium, “Social Dynamics in Interspecific Interactions”, Annual Meeting of the American Ornithological Society. Anchorage, AK.

**Pollock, H.S.**, E. Rehm, H. Thierry, M. Kastner, E. Fricke, E. Paxton, T. Jones, J.A. Savidge & H.S. Rogers. Multi-level impacts of an invasive predator on behavior, survival, and ecology of an island avifauna. 3rd Annual Marianas Terrestrial Conservation Conference. Mangilao, Guam.

**2018 \*Pollock, H.S.**, E. Fricke, J.A. Savidge & H.S. Rogers. Breeding-related differences in habitat use and

home-range size influence seed dispersal effectiveness and potential for forest regeneration in an

endangered frugivore. Invited Symposium, “The future of frugivory, seed dispersal, seed predation,

and fate in changing tropical landscapes.” Annual Meeting of the Association of Tropical Biology and

Conservation. Kuching, Borneo, Malaysia.

**Pollock, H.S.**, M. Kastner, J.A. Savidge & H.S. Rogers. Breed fast, die young: demography of a

threatened Såli population on Guam. 2nd Annual Marianas Terrestrial Conservation Conference,

Mangilao, Guam.

**2017 Pollock, H.S.**, J.D. Brawn & Z.A. Cheviron. Testing the microclimate hypothesis: thermal

physiology does not explain population declines of understory birds in Neotropical forests. Annual

Meeting of the Society for Integrative & Comparative Biology. New Orleans, LA.

**Pollock, H.S.**, M. Kastner, J.A. Savidge & H.S. Rogers. Habitat use, movement and survival of

Micronesian starlings during the post-fledging period: implications for management and future

reintroductions. 1st Annual Marianas Terrestrial Conservation Conference, Mangilao, Guam.

**Pollock, H.S.**, J. Savidge, T. Seibert & H.S. Rogers. Mechanisms of avian population persistence in

the presence of an invasive predator: a case study of roosting behavior in Micronesian Starlings

(*Aplonis opaca*) on Guam. Annual Meeting of the Brown Treesnake Technical Working Group.

Barrigada, Guam.

**2016 \*Pollock, H.S.**, J.D. Brawn & Z.A. Cheviron. Patterns of variation in thermal sensitivity within and

between tropical and temperate bird assemblages. Invited Symposium, “Metabolic Ecology”, North

American Ornithological Conference VI. Washington, D.C. †***Honorable mention for best student***

***talk.***

**Pollock, H.S.**, Z.A. Cheviron & J.D. Brawn. Testing the microclimate hypothesis: thermal

physiology does not explain population declines of understory insectivores in Neotropical forests.

North American Ornithological Conference VI. Washington, D.C. **(*poster*)**

**Pollock**, **H.S.**, J.D. Brawn & Z.A. Cheviron. Seasonal variation in avian thermal tolerances across

latitude: are temperate-zone birds more flexible? Annual Meeting of the Society for Integrative

& Comparative Biology. Portland, OR.

**Pollock, H.S.**, J.D. Brawn & Z.A. Cheviron. Seasonal flexibility in thermal physiology across latitude: a comparison between tropical and temperate-zone birds. University of Illinois Graduate Students in Ecology and Evolutionary Biology (GEEB) Annual Research Symposium. Urbana, IL. †***Most outstanding talk by a Ph.D. candidate.***

**2015 Pollock**, **H.S.**, A.E. Martinez, J.P. Kelley & C.E. Tarwater. Dynamics of heterospecific

eavesdropping in ant-following birds of the Neotropics. 100th Annual Meeting of the Ecological

Society of America. Baltimore, MD.

**Pollock**, **H.S.**, Z.A. Cheviron & J.D. Brawn. Exploring variation in avian thermal tolerances across

latitude. Annual Meeting of the Society for Integrative and Comparative Biology. West Palm Beach, FL.

**Pollock, H.S.**, J.D. Brawn & Z.A. Cheviron. Testing Janzen’shypothesis: exploring variation in avian thermal tolerances across latitude. Smithsonian Tropical Research Institute Annual Fellows’ Symposium. Panama City,Panama.

**2014 Pollock, H.S.**, Z.A. Cheviron & J.D. Brawn. Testing Janzen’s hypothesis: exploring variation in

avian thermal tolerances across latitude. Annual Meeting of the American Ornithological Society.

Estes Park, CO.

**2013 \*Pollock, H.S.**, Z.A. Cheviron & J.D. Brawn. The role of microclimates and light environments in

the habitat selection of tropical understory insectivores. Invited Symposium, “Conservation and Ecology of Neotropical Understory Insectivores”, Annual Meeting of the American Ornithological Society. Chicago, IL.

**OUTREACH**

**2022 Mist-netting outreach** | It’s a Bird’s World. College of Agricultural, Consumer, and Environmental

Sciences. University of Illinois at Urbana-Champaign, Urbana, IL.

**2022 Mist-netting outreach** | The impact of a hands-on experience with birds on natural value formation.

Urbana Park District Camp FRESH (Future Responsible Environmental Stewardship Heroes: ages

11-15), Urbana, IL.

**2022 Mist-netting outreach** | The impact of a hands-on experience with birds on natural value formation.

Urbana Park District Nature Day Camp (ages 6-12), Urbana, IL.

**2021 Writing workshop** | Writing in the life sciences. Graduate College, University of Illinois at Urbana-

Champaign, Urbana, IL.

**2021 Public outreach** | The importance of citizen science and natural history. Champaign County

Audubon Society, Urbana, IL.

**2017-18 Public outreach** | Getting to know Guam’s local birds. Andersen Air Force Base, Yigo, Guam, USA.

**2017-18** **Public outreach** | Native bird education and nest box installation. Sågan Tinanom Nature Park, Dededo, Guam, USA.

**2012-16 Peer graduate mentor** | Program in Ecology, Evolution and Conservation Biology, University of

Illinois at Urbana-Champaign. Urbana, IL.

**2012-16** **Bird-banding clinic** | Department of Natural Resources and Environmental Sciences, University of

Illinois at Urbana-Champaign. Urbana, IL.

**2011-16 Undergraduate mentor** | The Wildlife Society, University of Illinois at Urbana-Champaign. Urbana,

IL.

**2011-12 Elementary school student science mentor** | Leal School. Urbana, IL

**2009** **Tribal student mentor** | Wind River Ecological Ranch. Watrous, NM.

**Docent** | Pollinatarium, University of Illinois at Urbana-Champaign. Urbana, IL.

**AFFILIATIONS & SERVICES**

***Symposia organized***

**2022 Organizer** | Responses of the Neotropical forest avifauna to climate and land-use change.

Symposium at the 2022 Annual Meeting of the American Ornithological Society, co-organized with

Dr. David Luther (George Mason University) and Dr. Corey Tarwater (University of Wyoming).

***Institutional service***

**2022 Student mentor** | American Ornithological Society.

**2020-22 Judge** | Student Presentation Awards, American Ornithological Society

**2012-16** **Peer mentor** | Program in Ecology, Evolution and Conservation Biology, University of Urbana-

Champaign. Urbana, IL.

***Professional service***

**Reviewer (24 journals, 40 manuscripts)**

*American Naturalist* (1) *Evolutionary Ecology* (1)

*Animals* (1) *Forestry: An International Journal of Forest Research* (1)

*Animal Biodiversity and Conservation* (1) *Functional Ecology* (4)

*Applied Animal Behavior* (1) *Journal of Animal Ecology* (1)

*Avian Ecology and Conservation* (1) *Journal of Comparative Physiology B* (1)

*Biological Conservation* (2) *Journal of Field Ornithology* (3)

*Birds* (2) *Landscape and Urban Planning* (2)

*Diversity* (1) *Oecologia* (4)

*Communications Earth & Environment* (1) *Ornithology* (2)

*Ecology & Evolution* (2) *PLoS ONE* (2)

*Ecology Letters* (1) *Scientific Reports* (1)

*Ethology* (1) *Wilson Journal of Ornithology* (3)

***Professional memberships***

American Ornithological Society Ecological Society of America

Association of Field Ornithologists Society for Integrative & Comparative Biology

Association for Tropical Biology & Conservation Wilson Ornithological Society

Cooper Ornithological Society

**SKILLS**

***Languages***

English (native), Spanish (fluent), French (intermediate), Portuguese (intermediate), Dutch (intermediate)

**REFERENCES**

**Dr. Jeffrey Brawn** | Ph.D. co-advisor, postdoc advisor

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**Dr. Mark Hauber** | postdoc advisor

Harley Jones Van Cleave Professor of Host-Parasite Interactions

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Telephone: 917-455-2607

**Dr. Carena van Riper** | postdoc advisor

Associate Professor

Department of Natural Resources and Environmental Sciences

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