

Stanford



Stephanie M. Aguillon

Postdoctoral Scholar, Biology

 Curriculum Vitae available Online

Bio

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Cornell University (2021)
- Master of Science, University of Arizona (2014)
- Bachelor of Science, University of Arizona (2013)

STANFORD ADVISORS

- Molly Schumer, Postdoctoral Faculty Sponsor

LINKS

- stephanieaguillon.com: stephanieaguillon.com

Publications

PUBLICATIONS

- **Revisiting a classic hybrid zone: Movement of the northern flicker hybrid zone in contemporary times.** *Evolution; international journal of organic evolution*
Aguillon, S. M., Rohwer, V. G.
2022
- **Two new hybrid populations expand the swordtail hybridization model system.** *Evolution; international journal of organic evolution*
Powell, D. L., Moran, B., Kim, B., Banerjee, S. M., Aguillon, S. M., Fascinetto-Zago, P., Langdon, Q., Schumer, M.
2021
- **Extensive hybridization reveals multiple coloration genes underlying a complex plumage phenotype** *PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES*
Aguillon, S. M., Walsh, J., Lovette, I. J.
2021; 288 (1943): 20201805
- **Genomic differentiation and local adaptation on a microgeographic scale in a resident songbird** *MOLECULAR ECOLOGY*
Mikles, C. S., Aguillon, S. M., Chan, Y. L., Arcese, P., Benham, P. M., Lovette, I. J., Walsh, J.
2020; 29 (22): 4295-4307
- **Gender Differences in Student Participation in an Active-Learning Classroom** *CBE-LIFE SCIENCES EDUCATION*
Aguillon, S. M., Siegmund, G., Petipas, R. H., Drake, A., Cotner, S., Ballen, C. J.
2020; 19 (2): ar12
- **Smaller Classes Promote Equitable Student Participation in STEM** *BIOSCIENCE*
Ballen, C. J., Aguillon, S. M., Awwad, A., Bjune, A. E., Challou, D., Drake, A., Driessen, M., Ellozy, A., Ferry, V. E., Goldberg, E. E., Harcombe, W., Jensen, S., Jorgensen, et al
2019; 69 (8): 669-680

- **Fighting through the gray** *SCIENCE*
Aguillon, S. M.
2019; 363 (6431): 1114

- **UV-B radiation and shrub canopy effects on surface litter decomposition in a shrub-invaded dry grassland** *JOURNAL OF ARID ENVIRONMENTS*
Predick, K. I., Archer, S. R., Aguillon, S. M., Keller, D. A., Throop, H. L., Barnes, P. W.
2018; 157: 13-21

- **Do Small Classes in Higher Education Reduce Performance Gaps in STEM?** *BIOSCIENCE*
Ballen, C. J., Aguillon, S. M., Brunelli, R., Drake, A., Wassenberg, D., Weiss, S. L., Zamudio, K. R., Cotner, S.
2018; 68 (8): 593-600

- **A flicker of hope: Genomic data distinguish Northern Flicker taxa despite low levels of divergence** *AUK*
Aguillon, S. M., Campagna, L., Harrison, R. G., Lovette, I. J.
2018; 135 (3): 748-766

- **Deconstructing isolation-by-distance: The genomic consequences of limited dispersal** *PLOS GENETICS*
Aguillon, S. M., Fitzpatrick, J. W., Bowman, R., Schoech, S. J., Clark, A. G., Coop, G., Chen, N.
2017; 13 (8): e1006911

- **Eco-evolutionary dynamics: investigating multiple causal pathways linking changes in behavior, population density and natural selection**
Duckworth, R. A., Aguillon, S. M.
SPRINGER HEIDELBERG.2015: S115-S124

- **Kin aggression and resource availability influence phenotype-dependent dispersal in a passerine bird** *BEHAVIORAL ECOLOGY AND SOCIOBIOLOGY*
Aguillon, S. M., Duckworth, R. A.
2015; 69 (4): 625-633