

1. Pei-Chen Lin, Cheng-Wei Wu, Cheng-Ruei Lee, Jen-Pan Huang, Chung-Ping Lin, Liang-Jong Wang and **Yu-Hsun Hsu*** (2026) Detecting local adaptation under weak genetic structure in an endemic damselfly: an integrative eco-evolutionary approach. *BMC Ecology and Evolution* 26 (1), 2.
2. **Yu-Hsun Hsu*** (2026) Hardy–Weinberg Equilibrium Filtering in Population Genomics: Empirical Review and Decision Framework for Improved Practice. *Ecology and Evolution* 16 (1), e72688.
3. Pei-Chen Lin, Tzen-Yuh Chiang, Miaw-Ling Chen, Tsai-Wen Hsu, Po-Wu Gean, Sheng-Tzong Cheng, **Yu-Hsun Hsu** (2024) Global prospects for cultivating *Centella asiatica*: an ecological niche modeling approach under current and future climatic scenarios. *Journal of Agriculture and Food Research* 18: 101380.
4. Jamie Dunning, Alfredo Sánchez-Tójar, Antje Girndt, Terry Burke, **Yu-Hsun Hsu**, Shinichi Nakagawa, Isabel Winney, Julia Schroeder (2024) Extrapair paternity alongside social reproduction increases male lifetime fitness. *Animal Behaviour* 213: 117-123.
5. Takefumi Nakazawa, **Yu-Hsun Hsu**, I-Ching Chen (2023) Why sex matters in phenological research. *Oikos* 2023(8): e09808.
6. **Yu-Hsun Hsu**, ‘Consequences of Infidelity in Nonhuman Animals’, in Tara DeLecce, and Todd K. Shackelford (eds), *The Oxford Handbook of Infidelity* (2022; online edn, Oxford Academic, 20 Oct. 2022)
7. Leocris S. Batucan Jr, **Yu-Hsun Hsu**, Jak W. Maliaszewski, Liang-Jong Wang & Chung-Ping Lin (2021) Novel wing display and divergent agonistic behaviors of two incipient *Psolodesmus* damselflies. *The Science of Nature* 108:49.
8. Wei-Hsuan Fang, **Yu-Hsun Hsu**, Wen-Long Lin, Shih-Ching Yen (2020) The function of avian mobbing: an experimental test of “attract the mightier” hypothesis. *Animal Behaviour* 170:229-233.
9. Chun-Yu Lin, **Yu-Hsun Hsu**, Jo-Fan Wang, Chung-Ping Lin (2019) New damselfly hosts and species identification of an aquatic parasitoid *Hydrophylita emporos* (Hymenoptera: Trichogrammatidae) in Taiwan. *Journal of Natural History* 53(35-36): 2195-2205.
10. **Hsu, Yu-Hsun**, Reginald B. Cocroft, Robert L. Snyder & Chung-Ping Lin

(2018) You stay, but I hop: Host-shifting instead of coevolution dominated evolution of *Enchenopa* treehoppers. *Ecology and Evolution* 8(4): 1954-1965.

11. Winney, Isabel, Julia Schroeder, Shinichi Nakagawa, **Yu-Hsun Hsu**, Mirre JP Simons, Alfredo Sánchez-Tójar, Maria-Elena Mannarelli & Terry Burke (2017) Heritability and social brood effects in personality across life stages in a wild passerine. *Journal of Evolutionary Biology* 31(1): 75-87.
12. **Hsu, Yu-Hsun**, Mirre JP Simons, Julia Schroeder, Antje Girndt, Isabel Winney, Terry Burke & Shinichi Nakagawa (2017) Age-dependent trajectories differ between within-pair and extra-pair paternity success. *Journal of Evolutionary Biology* 30(5): 951-959
13. Schroeder, Julia, **Yu-Hsun Hsu**, Isabel Winney, Mirre JP Simons Mirre, Shinichi Nakagawa & Terry Burke (2016) Predictably philandering females prompt poor paternal provisioning. *American Naturalist* 188(2): 219-230.
14. **Hsu, Yu-Hsun**, Julia Schroeder, Isabel Winney, Terry Burke & Shinichi Nakagawa (2015) Are extra-pair males different from cuckolded males? A case study and a meta-analytic examination. *Molecular Ecology* 24(7): 1558-71.
15. Winney, Isabel, Shinichi Nakagawa, **Yu-Hsun Hsu**, Terry Burke & Julia Schroeder (2015) Troubleshooting the potential pitfalls of cross-fostering. *Methods in Ecology and Evolution* 6(5): 584-592.
16. **Hsu, Yu-Hsun**, Julia Schroeder, Isabel Winney, Terry Burke & Shinichi Nakagawa (2014) Costly infidelity: Low lifetime fitness of extra-pair offspring in a passerine bird. *Evolution* 68(10): 2873-2884.
17. Winney, Isabel & **Yu-Hsun Hsu** (2012) Long-term studies of house sparrows (*Passer domesticus*) on Lundy. *LFS Annual Report 2011*: 97-98.
18. **Hsu, Yu-Hsun** & Lucia Liu Severinghaus (2011) Nest-site selection of the greater painted snipe (*Rostratula benghalensis benghalensis*) in fallow fields of I-Lan, Taiwan. *Taiwania* 56(3):

26-36.

19. **Hsu, Yu-Hsun**, Lucia Liu Severinghaus, Shou-Hsien Li, & Yu-Cheng Hsu (2010) Detecting obscure hybrids of light-vented bulbul (*Pycnonotus sinensis formosae*) and Styan's bulbul (*P. taivanus*) with microsatellite. *Journal of National Park* 20(1), 26-36 (In Chinese with English abstract).