

Publications for Thomas White

2019

Maia, R., Gruson, H., Endler, J., White, T. (2019). pavo 2: new tools for the spectral and spatial analysis of colour in R. *Methods in Ecology and Evolution*. [More Information]

Umbers, K., White, T., De Bona, S., Haff, T., Ryeland, J., Drinkwater, E., Mappes, J. (2019). The protective value of a defensive display varies with the experience of wild predators. *Scientific Reports*, 9(1). [More Information]

2018

Dalrymple, R., Flores-Moreno, H., Kemp, D., White, T., Laffan, S., Hemmings, F., Hitchcock, T., Moles, A. (2018). Abiotic and biotic predictors of macroecological patterns in bird and butterfly coloration. *Ecological Monographs*, 88(2), 204-224. [More Information]

Maia, R., White, T. (2018). Comparing colors using visual models. *Behavioural Ecology*, 29(3), 649-659. [More Information]

Gray, M., Stansberry, M., Lynn, J., Williams, C., White, T., Whitney, K. (2018). Consistent shifts in pollinator-relevant floral coloration along Rocky Mountain elevation gradients. *Journal of Ecology*, 106(5), 1910-1924. [More Information]

White, T. (2018). Cryptic Coloration. In J. Vonk & T. Shackelford (Eds.), *Encyclopedia of Animal Cognition and Behavior*, (pp. 1-3). Cham: Springer. [More Information]

White, T. (2018). Disruptive Coloration. In J. Vonk & T. Shackelford (Eds.), *Encyclopedia of Animal Cognition and Behavior*, (pp. 1-3). Cham: Springer. [More Information]

White, T. (2018). Illuminating the Evolution of Iridescence. *Trends in Ecology and Evolution*, 33(6), 374-375. [More Information]

Bulbert, M., White, T., Saporito, R., Kraus, F. (2018). Ontogenetic colour change in *Oreophyrne ezra* (Anura: Microhylidae) reflects an unusual shift from conspicuousness to crypsis but not in toxicity. *Biological Journal of the Linnean Society*, 123(1), 12-20. [More Information]

Lynch, K., White, T., Kemp, D. (2018). The effect of captive breeding upon adult thermal preference in the Queensland fruit fly (*Bactrocera tryoni*). *Journal of Thermal Biology*. [More Information]

O'Hanlon, J., White, T., Umbers, K. (2018). Visual Communication. In Alex Cordoba-Aguilar, Daniel Gonzalez-

Tokman and Isaac Gonzalez-Santoyo (Eds.), *Insect Behaviour: From Mechanisms to Ecological and Evolutionary Consequences*, (pp. 158-173). Oxford: Oxford University Press.

2017

White, T., Rojas, B., Mappes, J., Rautiala, P., Kemp, D. (2017). Colour and luminance contrasts predict the human detection of natural stimuli in complex visual environments. *Biology Letters*, 13(9), 1-5. [More Information]

White, T., Kemp, D. (2017). Colour polymorphic lures exploit innate preferences for spectral versus luminance cues in dipteran prey. *BMC Evolutionary Biology*, 17(1), 1-10. [More Information]

Umbers, K., De Bona, S., White, T., Lehtonen, J., Mappes, J., Endler, J. (2017). Deimatism: a neglected component of antipredator defence. *Biology Letters*, 13(4), 1-5. [More Information]

White, T. (2017). Digest: Strengthening the link between sexual selection and color polymorphism. *Evolution*, 71(7), 1913-1914. [More Information]

White, T. (2017). Jewelled spiders manipulate colour-lure geometry to deceive prey. *Biology Letters*, 13(3), 1-5. [More Information]

White, T. (2017). Light on the wing: iridescent visual signalling in butterflies. *Australian Entomological Society 48th AGM and Scientific Conference*, Terrigal, NSW: Australian Entomological Society.

White, T., Dalrymple, R., Herberstein, M., Kemp, D. (2017). The perceptual similarity of orb-spider prey lures and flower colours. *Evolutionary Ecology*, 31(1), 1-20. [More Information]

2016

White, T., Kemp, D. (2016). Color polymorphic lures target different visual channels in prey. *Evolution*, 70(6), 1398-1408. [More Information]

White, T., Kemp, D. (2016). Colour polymorphism. *Current Biology*, 26(13), R516-R518. [More Information]

2015

Dalrymple, R., Kemp, D., Flores-Moreno, H., Laffan, S., White, T., Hemmings, F., Tindall, M., Moles, A. (2015). Birds, butterflies, and flowers in the tropics are not more colourful than those in higher latitudes. *Global Ecology and Biogeography*, 24(12), 1424-1432. [More Information]

White, T. (2015). Colour-polymorphic lures target different

visual channels in prey. *Behaviour*, Cairns, QLD: Behaviour.

White, T., Dalrymple, R., Noble, D., O'Hanlon, J., Zurek, D., Umbers, K. (2015). Reproducible research in the study of biological coloration. *Animal Behaviour*, 106, 51-57. [More Information]

Barry, K., White, T., Rathnayake, D., Fabricant, S., Herberstein, M. (2015). Sexual signals for the colour-blind: cryptic female mantids signal quality through brightness. *Functional Ecology*, 29(4), 531-539. [More Information]

White, T., Zeil, J., Kemp, D. (2015). Signal design and courtship presentation coincide for highly biased delivery of an iridescent butterfly mating signal. *Evolution*, 69(1), 14-25. [More Information]

White, T., Kemp, D. (2015). Technicolour deceit: a sensory basis for the study of colour-based lures. *Animal Behaviour*, 105, 231-243. [More Information]

2014

Kemp, D., White, T. (2014). Exploring the perceptual canvas of signal evolution: comment on Kelley and Kelley. *Behavioral Ecology*, 25(3), 467-468. [More Information]

White, T., Herberstein, M., Kemp, D. (2014). Technicolor deceit: sensory drive and the evolution of colour-polymorphic prey lures. *15th International Behavioral Ecology Congress (ISBE)*, New York: ISBE.

2012

White, T., Macedonia, J., Birch, D., Dawes, J., Kemp, D. (2012). The nanoanatomical basis of sexual dimorphism in iridescent butterfly coloration. *Australian Journal of Zoology*, 60(2), 101-107. [More Information]