Stanford



Brendan Cornwell

Basic Life Research Scientist, Oceans

Bio

ACADEMIC APPOINTMENTS

- Basic Life Research Scientist, Oceans

Publications

PUBLICATIONS

- **Satellite-derived temperature measures miss key physiologically relevant thermal trends on Palauan reefs.** *PloS one*
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- **Fine-Scale Geographic Variation ofCladocopiuminAcropora hyacinthusAcross the Palauan Archipelago.** *Ecology and evolution*
  Armstrong, K. C., Lippert, M., Hanson, E., Nestor, V., Cornwell, B., Walker, N. S., Golbuu, Y., Palumbi, S. R.
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- **Extent and reproduction of coastal species on plastic debris in the North Pacific Subtropical Gyre.** *Nature ecology & evolution*
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- **Small-scale genetic structure of coral populations in Palau based on whole mitochondrial genomes: Implications for future coral resilience.** *Evolutionary applications*
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- **Small-scale genetic structure of coral populations in Palau based on whole mitochondrial genomes: Implications for future coral resilience** *EVOLUTIONARY APPLICATIONS*
  Palumbi, S. R., Walker, N. S., Hanson, E., Armstrong, K., Lippert, M., Cornwell, B., Nestor, V., Golbuu, Y.
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- **"Reference genome assembly of the sunburst anemone, Anthopleura sola".** *The Journal of heredity*
  Cornwell, B. H., Beraut, E., Fairbairn, C., Nguyen, O., Marimuthu, M. P., Escalona, M., Toffelmier, E.
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- **From coral reefs to Joshua trees: What ecological interactions teach us about the adaptive capacity of biodiversity in the Anthropocene.** *Philosophical transactions of the Royal Society of London. Series B, Biological sciences*
  Lagerstrom, K. M., Vance, S., Cornwell, B. H., Ruffley, M., Bellagio, T., Exposito-Alonso, M., Palumbi, S. R., Hadly, E. A.
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- **Persistence of phenotypic responses to short-term heat stress in the tabletop coral Acropora hyacinthus.** *PloS one*
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- **Widespread variation in heat tolerance and symbiont load are associated with growth tradeoffs in the coral Acropora hyacinthus in Palau.** *eLife*
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- **Genetic structure in the endosymbiont Breviolum 'muscatinei' is correlated with geographical location, environment and host species** *PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES*
  Cornwell, B. H., Hernandez, L.
  2021; 288 (1946): 20202896

- **Investing in Blue Natural Capital to Secure a Future for the Red Sea Ecosystems** *FRONTIERS IN MARINE SCIENCE*
  Cziesielski, M. J., Duarte, C. M., Aalismail, N., Al-Hafedh, Y., Anton, A., Baalkhuyur, F., Baker, A. C., Balke, T., Baums, I. B., Berumen, M., Chalastani, V. I., Cornwell, B., Daffonchio, et al
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