

ROBERT H. COWIE – PUBLICATIONS

9 May 2014

Books (4)

- Cowie, R.[H.]** 2014. *Journey to a Waterfall. A Biologist in Africa*. Lulu, Raleigh. x + 279 p.
- Staples, G.W. & **Cowie, R.H.** (eds.) 2001. *Hawai'i's Invasive species. A guide to invasive plants and animals in the Hawaiian Islands*. Mutual Publishing & Bishop Museum Press, Honolulu. xii + 116 p.
- Cowie, R.H.** 1998. *Catalog of the nonmarine snails and slugs of the Samoan Islands. Bishop Museum Bulletin in Zoology 3*. Bishop Museum Press, Honolulu. viii + 122 p.
- Cowie, R.H.**, Evenhuis, N.L. & Christensen, C.C. 1995. *Catalog of the native land and freshwater molluscs of the Hawaiian Islands*. Backhuys Publishers, Leiden. vi + 248 pp.

Journal articles (103)

- Kim, J.R., Hayes, K.A., Yeung, N.W. & **Cowie, R.H.** 2014. Diverse gastropod hosts of *Angiostrongylus cantonensis*, the rat lungworm, globally and with a focus on the Hawaiian Islands. *PLoS ONE* 9(5): e94969.
- Durkan, T.H., Yeung, N.W., Meyer, W.M., III, Hayes, K.A. & **Cowie, R.H.** 2013. Evaluating the efficacy of land snail survey techniques in Hawaii: implications for conservation throughout the Pacific. *Biodiversity and Conservation* 22: 3223-3232.
- Hawksworth, D.L. & **Cowie, R.H.** 2013. The discovery of historically extinct, but hitherto undescribed, species: an under-appreciated element in extinction-rate assessments. *Biodiversity and Conservation* 22: 2429-2432.
- Meyer, W.M., III, Ostertag, R. & **Cowie, R.H.** 2013. Influence of terrestrial molluscs on litter decomposition and nutrient release in a Hawaiian rain forest. *Biotropica* 45(6): 719-727. [Editor's choice]
- Cowie, R.H.** 2013. Biology, systematics, life cycle, and distribution of *Angiostrongylus cantonensis*, the cause of rat lungworm disease. *Hawaii Journal of Medicine and Public Health* 72(6) Supplement 2: 6-9.
- Cowie, R.H.** 2013. Pathways for transmission of angiostrongyliasis and the risk of disease associated with them. *Hawaii Journal of Medicine and Public Health* 72(6) Supplement 2: 70-74.
- Yeung, N.W., Hayes, K.A. & **Cowie, R.H.** 2013. Effects of washing produce contaminated with the snail and slug hosts of *Angiostrongylus cantonensis* with three common household solutions. *Hawaii Journal of Medicine and Public Health* 72(6) Supplement 2: 83-86.
- Cowie, R.H.** & Héros, V. 2012. Annotated catalogue of the types of Ampullariidae (Mollusca: Gastropoda) in the Muséum national d'Histoire naturelle, Paris, with lectotype designations. *Zoosystema* 34(4): 793-824.
- Hayes, K.A., **Cowie, R.H.**, Thiengo, S.C. & Strong, E.E. 2012. Comparing apples with apples: clarifying the identities of two highly invasive Neotropical Ampullariidae (Caenogastropoda). *Zoological Journal of the Linnean Society* 166: 723-753.
- Cowie, R.H.**, Hollyer, J.R., da Silva, A.J., Hollingsworth, R.G., Dixon, M.D., Eamsobhana, P. *et al.* 2012. Workshop on research priorities for management and treatment of angiostrongyliasis. *Emerging Infectious Diseases* 18(12): [Internet]. December 2012.
- Hayes, K.A., Yeung, N.W., Kim, J.R. & **Cowie, R.H.** 2012. New records of alien Gastropoda in the Hawaiian Islands: 1996-2010. *Bishop Museum Occasional Papers* 112: 21-28.
- Meyer, W.M., III & **Cowie, R.H.** 2011. Distribution, movement, and micro-habitat use of the introduced predatory snail *Euglandina rosea* in Hawaii: implications for management. *Invertebrate Biology* 130(4): 325-333.
- Cowie, R.H.** 2011. *Cornu* Born, 1778 (Mollusca: Gastropoda: Pulmonata: Helicidae): request for a ruling on the availability of the generic name. *Bulletin of Zoological Nomenclature* 68(2): 97-104.
- Meyer, W.M., III, Ostertag, R. & **Cowie, R.H.** 2011. Macro-invertebrates accelerate litter decomposition and nutrient release in a Hawaiian rainforest. *Soil Biology and Biochemistry* 43: 206-211.
- Sugiura, S., Holland B.S. & **Cowie, R.H.** 2011. Predatory behaviour of newly-hatched *Euglandina rosea*. *Journal of Molluscan Studies* 77: 101-102.
- Meyer, W.M., III & **Cowie, R.H.** 2010. Feeding preference of two introduced predatory snails and their conservation implications. *Malacologia* 53(1): 135-144.
- Meyer, W.M., III & **Cowie, R.H.** 2010. Invasive temperate species are a threat to tropical island biodiversity. *Biotropica* 42(6): 732-738.
- Wood, K.R. & **Cowie, R.H.** 2010. Land snail records for Mokapu Islet, Moloka'i, Hawaiian Islands. *Bishop Museum Occasional Papers* 108: 53-54.
- Cowie, R.H.**, Dillon, R.T., Jr., Robinson, D.G. & Smith, J.W. 2009. Alien non-marine snails and slugs of priority quarantine importance in the United States: a preliminary risk assessment. *American Malacological Bulletin* 27(1/2): 113-132.

- Hayes, K.A., **Cowie, R.H.** & Thiengo, S.C. 2009. A global phylogeny of apple snails: Gondwanan origin, generic relationships and the influence of outgroup choice (Caenogastropoda: Ampullariidae). *Biological Journal of the Linnean Society* 98: 61-76.
- Hayes, K.A., **Cowie, R.H.**, Jørgensen, A., Schultheiß, R., Albrecht, C. & Thiengo, S.C. 2009. Molluscan models in evolutionary biology: apple snails (Gastropoda: Ampullariidae) as a system for addressing fundamental questions. *American Malacological Bulletin* 27(1/2): 47-58. [**invited; cover illustration**]
- Holland, B.S. & **Cowie, R.H.** 2009. Land snail models in island biogeography: a tale of two snails. *American Malacological Bulletin* 27(1/2): 59-68. [**invited**]
- Cowie, R.H.**, Hayes, K.A., Tran, C.T. & Meyer, W.M., III. 2008. The horticultural industry as a vector of alien snails and slugs: widespread invasions in Hawaii. *International Journal of Pest Management* 54(4): 267-276. [**editor's choice**]
- Cowie, R.H.** & Holland, B.S. 2008. Molecular biogeography and diversification of the endemic terrestrial fauna of the Hawaiian Islands. *Philosophical Transactions of the Royal Society of London B* 363(1508): 3363-3376.
- Cowie, R.H.** & Wood, K.R. 2008. The land snails of the island of Lehua, Hawaiian Islands. *Bishop Museum Occasional Papers* 100: 50-52.
- Gruner, D.S., Gotelli, N.J., Price, J.P. & **Cowie, R.H.** 2008. Does species diversity drive speciation: a reassessment with the Hawaiian biota. *Ecography* 31(2): 279-285.
- Hayes, K.A., Joshi, R.C., Thiengo, S.C. & **Cowie, R.H.** 2008. Out of South America: multiple origins of non-native apple snails in Asia. *Diversity and Distributions* 14(4): 701-712 [**cover illustration**].
- Holland, B.S., Christensen, C.C., Hayes, K.A. & **Cowie, R.H.** 2008. Biocontrol in Hawaii: a response to Messing (2007). *Proceedings of the Hawaiian Entomological Society* 40: 81-83.
- Tran, C.T., Hayes, K.A. & **Cowie, R.H.** 2008. Lack of mitochondrial DNA diversity in invasive apple snails (Ampullariidae) in Hawaii. *Malacologia* 50(1-2): 351-357.
- Cowie, R.H.**, Hayes, K.A., Tran, C.T. & Levin, P. 2007. Distribution of the invasive apple snail *Pomacea canaliculata* (Lamarck) in the Hawaiian Islands (Gastropoda: Ampullariidae). *Bishop Museum Occasional Papers* 96: 48-51.
- Hayes, K.A., Tran, C.T. & **Cowie, R.H.** 2007. New records of alien Mollusca in the Hawaiian Islands: nonmarine snails and slugs (Gastropoda) associated with the horticultural trade. *Bishop Museum Occasional Papers* 96: 54-63.
- Holland, B.S. & **Cowie, R.H.** 2007. A geographic mosaic of passive dispersal: population structure in the endemic Hawaiian amber snail *Succinea caduca* (Mighels, 1845). *Molecular Ecology* 16(12): 2422-2435 [**cover illustration**].
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- Thiengo, S.C., Faraco, F.A., Salgado, N.C., **Cowie, R.H.** & Fernandez, M.A. 2007. Rapid spread of an invasive snail in South America: the giant African snail, *Achatina fulica*, in Brasil. *Biological Invasions* 9: 693-702.
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- Cowie, R.H.** & Holland B.S. 2006. Dispersal is fundamental to biogeography and the evolution of biodiversity on oceanic islands. *Journal of Biogeography* 33: 193-198 [**guest editorial**].
- Cowie, R.H.** 2005. Alien non-marine molluscs in the islands of the tropical and subtropical Pacific: a review. *American Malacological Bulletin* 20(1/2): 95-103.
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Contributions to books (18)

- Cowie, R.H.** & Hayes, K.A. 2012. Apple snails. In: *A handbook of global freshwater invasive species* (ed. Francis, R.A.), p. 207-217, pls. 18.1-18.4. Earthscan, London.
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