

Curriculum Vitae for Martyn Kurr

Date of birth: 03/02/1988

Nationality: British

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Present Address: Martyn Kurr Natural Sciences Consultancy Ltd.

Education and Career Summary

2019-present Managing Director of Martyn Kurr Natural Sciences Consultancy Ltd.

2018 Full Fellowship of the Higher Education Academy

2018 Certificate in Advanced Studies in Academic Practice 2 (M-level, Distinction)

2017-2018 Associate Fellowship of the Higher Education Academy

2017 Certificate in Advanced Studies in Academic Practice 1 (M-level, Distinction)

2016-2019 Teaching Fellowship, Marine Science, Newcastle University

2011-2015 Ph.D. Marine Biology, Bangor University

2006-2010 Master of Marine Biology (First Class), Bangor University

Research responsibilities

2019-2020 Co-I on *Development of an anti-biofilm marine nuclease (NucB) for the dispersal of infection associated biofilms (Phase 1)*

2017-2021 Ph.D. co-supervisor for Max Kelly, *Enzyme driven performance enhancement of laundry detergents: reducing the associated environmental burden*

2017-2020 MD co-supervisor for Prateek Saxena, *Use of a novel marine endonuclease in diagnosis of orthopaedic implant associated infection*

Publications

Kelly, M. R., Lant, N. J., Kurr, M., & Burgess, J. G. (2019). Importance of Water-Volume on the Release of Microplastic Fibers from Laundry. *Environmental Science & Technology*.

Kurr, M., & Davies, A. J. (2019). The chemical defences of the invasive alga *Sargassum muticum* (Yendo) Fensholt correlate to mesoherbivore diversity, but not to time-since-invasion. *Hydrobiologia*, 836(1), 35-47.

Kurr, M., & Davies, A. J. (2018). Sex-specific reproductive trade-offs in the gregarious fucoid macroalga *Ascophyllum nodosum*. *European Journal of Phycology*, 53(1), 1-13.

Kurr, M., & Davies, A. J. (2017). Time-since-invasion increases native mesoherbivore feeding rates on the invasive alga, *Sargassum muticum* (Yendo) Fensholt. *Journal of the Marine Biological Association of the United Kingdom*, 1-10.

Publications close to submission

Kurr, M., & Davies, A. J. Drivers of sex-specific trade-offs in the macroalga *Ascophyllum nodosum*. (In prep)

Grants and awards

Erasmus+ Mobility Grant; FIELD Workshop access, CERES Project, Portugal, November 2019

Erasmus+ Mobility Grant; FIELD Workshop access, CERES Project, Portugal, March 2019

Teaching Excellence Award, Outstanding Contribution to Teaching, Newcastle University (nominated), 2018

Winner of the Irene Manton Prize for best presentation, 62nd British Phycological Society conference, 2014

Successful applicant of ASSEMBLE funding to access European research facilities for the project, 'Testing the predictions of Optimal Defence and Carbon-Nutrient-Balance: A novel approach with *Ascophyllum nodosum*.', 2012

Previous Teaching Contributions and Responsibilities

- Marine ecology; lecturer; UG and PGT
 - Habitats
 - Plant/algal-animal and predator-prey interactions
 - Fisheries and aquaculture
- Marine invertebrate physiology and behaviour; module leader and lecturer; UG
 - All major invertebrate phyla

- Aquatic parasitology
- Oceanography; lecturer; UG
 - Physics of zooplankton
- Research and study skills; lecturer, tutor, supervisor; UG, PGT, and PGR
 - Scientific writing
 - Experimental design
 - Descriptive and deductive statistics
 - SPSS, Minitab, Primer
 - Project management
 - General research support
 - Organiser and deliverer of laboratory and field practicals, as well as residential field courses in the UK and overseas.

Consultancy

2019-present Consultant for hire, director of Martyn Kurr natural Sciences Consultancy

2019-2020 SeaWorld and Sea life Parkway game, with Holovis International Ltd

References; all contactable prior to interview

Prof Grant Burgess, line manager at Newcastle University
grant.burgess@ncl.ac.uk

Dr Gary Caldwell, colleague at Newcastle University
gary.caldwell@ncl.ac.uk

Prof Rob Upstill-Goddard, colleague and Director of Expertise at Newcastle University
rob.goddard@ncl.ac.uk