

# CURRICULUM VITAE - JOHN LATTO

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## Education

- 1982-1986 University of York, Yorkshire, UK. BSc (Hons) Ecology
- 1986-1989 Imperial College, London, UK. DIC (Diploma of Imperial College)  
PhD 'The analysis of density dependence in insect populations.'

## Employment

- 1984-1985 Shell Research, Sittingbourne, UK. Research on plant hormones.
- 1989-1991 NERC/NATO postdoctoral fellowship at the University of California, Santa Barbara.
- 1992-1995 Lecturer (Assistant Professor) in quantitative ecology, University of Westminster.
- 1995-1996 Senior lecturer, (Associate Professor), University of Westminster.
- 1997 Lecturer, Bren School of Environmental Science & Management, UC Santa Barbara.
- 1997-2007 Lecturer, Department of Integrative Biology, UC Berkeley.
- 1998-2002 Associate Specialist, Department of Integrative Biology, UC Berkeley.
- 1998-2007 Lecturer, Division of Undergraduate and Interdisciplinary Studies & College of Natural Resources, UC Berkeley.
- 2001 Lecturer, Vista College, Berkeley, CA.
- 2002-2007 Academic Coordinator, California Biodiversity Center
- 2007- Lecturer PSOE, Department of Ecology, Evolution and Marine Biology and the College of Creative Studies, University of California Santa Barbara

## Teaching experience

- 1992-1997 At Westminster: Fundamental ecology (for non-majors); Population biology, Ecological theory, Ecology field course (all for Environmental Science majors).
- 1997 At UC Santa Barbara: Ecological principles (graduate level course).
- 1997- At UC Berkeley: Introductory Ecology, Evolution and Plant Biology, Introduction to Environmental Sciences, Principles of Biodiversity, Senior Seminar in Environmental Sciences, Introduction to the Methods of Environmental Science.

## Administrative responsibilities

- 1992-1993 Course leader during validation of a new degree, BSc (honors) Environmental Analysis and Policy.
- 1993-1996 Course leader BSc (honors) Environmental Sciences.
- 1993-1996 Project coordinator for organization of third year undergraduate projects in School of Biological Sciences.

## Publications

- **Latto, J.** & Hassell, M.P. (1987). Do pupal predators regulate the winter moth? *Oecologia*, 74, 153-155.
- **Latto, J.** & Hassell, M.P. (1988). Generalist predators and the importance of spatial density dependence. *Oecologia*, 77, 375-377.
- Hassell, M.P., **Latto, J.** & May, R.M. (1989). Seeing the wood for the trees: detecting density dependence from existing life table studies. *Journal of Animal Ecology*, 58, 883-892.
- **Latto, J.** & Fitter, A.H. (1989). Plant succession in Askham Bog. *The Naturalist*, 114, 115-27.
- **Latto, J.** & Bernstein, C. (1990). Regulation in natural insect populations: reality or illusion? *Acta Oecologia*, 11, 121-130 and Reply 135-136.
- **Latto, J.** (1992). The differentiation of animal body weights. *Functional Ecology*, 6, 386-395.
- **Latto, J.** (1994). Evidence for a self-thinning curve in animals. *Oikos*, 69, 531-534.
- **Latto, J.** & Wright, H. (1995). Allelopathy in seeds. *Journal of Biological Education*, 29, 123-128.
- **Latto, J.** & Briggs, C.J. (1995). Factors affecting distribution of the gall forming midge *Rhopalomyia californica*. (Diptera: Cecidomyiidae). *Environmental Entomology*, 24, 679-686.
- Briggs, C.J. & **Latto, J.** (1996). The window of vulnerability of the gall forming midge *Rhopalomyia californica* (Diptera: Cecidomyiidae) to attack by four parasitoid species. *Ecological Entomology*, 21, 128-40.
- **Latto, J.**, Coleman, G. & Tait, R. (1996). The measurement of height differences in ecological studies. *Journal of Biological Education*, 30, 270-274.
- Briggs, C. J. and **J. Latto** (2000). The effects of dispersal on the population dynamics of a gall-forming midge and its parasitoids. *Journal of Animal Ecology*, 69, 96-105.
- Briggs, C.J. and **Latto, J.** (2001) Interactions between the egg and larval parasitoids of a gall forming midge and their impact on the host. *Ecological Entomology*, 26, 109-116.
- Lloyd-Smith J.O., P.C. Cross, C.J. Briggs, M. Daugherty, W.M. Getz, **J. Latto**, M.S. Sanchez, A. B. Smith, and A. Swei. (2005). Should we expect population thresholds for wildlife disease? *Trends in Ecology and Evolution*, 20(9): 511-519.

## Conference presentations and abstracts

- 1988 British Ecological Society meeting, Newcastle, UK. 'Problems in the detection of density dependence' Abstract: *B.E.S. Bulletin*, 19, 285.
- 1990 Ecological Society of America meeting, Utah, USA 'Detecting population regulation in variable environments' Abstract: *Bulletin of the E.S.A.* 71, 224.
- 1990 Workshop on theoretical ecology, Louisiana, USA 'Individual differences and models of *Notonecta*
- 1991 Ecological Society of America meeting, Texas, USA 'The differentiation of animal body weights and the need for individual based models' Abstract: *Bulletin of the E.S.A.*, 72, 169.
- 1991 British Ecological Society meeting, Exeter, UK 'The differentiation of animal body weights' Abstract: *B.E.S. Bulletin*, 22, 282.
- 1992 Ecological Society of America meeting, Hawaii, USA 'Detecting regulation from population counts - the use of variability measures' Abstract: *Bulletin of the E.S.A.*, 73, 243.
- 1994 Ecological Society of America meeting, Knoxville, USA 'Factors affecting the distribution and abundance of a gall-forming midge' Abstract: *Bulletin of the E.S.A.*, 75, 127.
- 1994 British Ecological Society meeting, Birmingham, UK 'Cannibalism and self-thinning in *Notonecta hoffmanni*' Abstract *B.E.S. Bulletin*, 25, 276.
- 1995 Ecological Society of America meeting, Utah, USA 'Size inequality and cannibalism in *Notonecta hoffmanni*' Abstract: *Bulletin of the E.S.A.*, 76, 151-152.
- 1996 British Ecological society meeting, Durham, UK 'Competition between two parasitoids of a gall forming midge'. Abstract: *B.E.S Bulletin*, 27.
- 2000 Ecological Society of America meeting, Utah, USA 'The influence of seasonality on parasitoid coexistence and host abundance.'

## Grants and awards

Year	Award	Funding source	Title
1989-91	\$75000	NERC/NATO	Postdoctoral Fellowship (The numerical response of generalist predators to changes in prey density)
1992	\$2300	British Ecological Society	Research Travel Fellowship (Indirect effects in a three trophic level system)
1993	\$1600	Enterprise in Higher Education	Development of computer based tutorials
1993	\$3800	Nuffield	Award to newly appointed science lecturers (Quantification of dispersal in an insect population)
1993	\$1000	European Community	Travel funds
1993-96	\$110000	University Funding Council	Research Grant. (Palaeoecological studies using dinoflagellate cysts - with Dr J. Lewis)
1994-96	\$85000	University Funding Council	Research Grant. (Modeling the environmental fate of genetically engineered Pseudomonas sp. in aquatic and terrestrial ecosystems - with Dr S. McEldowney & Dr T. Keshavarz)
1994	\$3000	University of Westminster	Professional Enhancement award.
2001	\$25000	UC College Prep	Online AP environmental Science course preparation
2002	\$3500	UC Berkeley	Classroom Technology grant,

## Teaching experience

Course	Number of times run	Location	Department	Duration	Enrollment	Level	% of lectures taught
Fundamental Ecology*	6	University of Westminster	Biological and Health Sciences	Quarter	60	Introductory	100
Terrestrial Ecology*	4	“	“	“	25	Intermediate	60
Ecological Theory*	5	“	“	“	15	Advanced	100
Population Biology*	5	“	“	“	25	Intermediate	80
Ecology Field Course*	5	“	“	“	30	Intermediate	50
Disease & Management	4	“	“	“	25	Advanced	33
Crop Systems Management	4	“	“	“	40	Advanced	20
Ecological Principles*	1	UC Santa Barbara	Environmental Science and Management	Quarter	20	Graduate	100
Introductory Biology 1B*	11	UC Berkeley	Integrative Biology	Summer Session	250	Introductory	100
Introductory Biology 1B	1	“	“	Semester	500	Introductory	33
Introduction to Environmental Science*	1	“	Undergraduate & Interdisciplinary Studies	“	120	Introductory	100
Principles of Biodiversity	3	“	Integrative Biology	“	240	Intermediate	33
Senior Seminar in Environmental Science*	14	“	Undergraduate & Interdisciplinary Studies and CNR	“	45	Advanced	50
Freshman Seminar	4	“	Integrative Biology	“	12	Introductory	50
Introduction to the Methods of Environmental Science*	1	“	Undergraduate & Interdisciplinary Studies and CNR	“	50	Intermediate	100
General Ecology*	1	Vista College	PACE Program	“	20	Introductory	100

\* - Overall responsibility for course, course content, examinations etc.