

Professor John Raven Retirement Symposium

Algae, Photosynthesis and Global Change

Friday 12th September 2008
Dalhousie Building (New Teaching Building)
University of Dundee



8.45 – 9.00	Introduction and Welcome – Professor John Brown, Division of Plant Sciences
9.00 – 9.30	<u>Dr Mitchell Andrews</u> , University of Sunderland From Chara to Impatiens via carbon and nitrogen assimilation pathways: my work with John Raven
9.30 – 10.00	<u>The Society for Experimental Biology Lecture</u> <u>Professor John Beardall</u> , Monash University, Australia Living in a high CO ₂ world: Impacts of global change on marine phytoplankton
10.00 – 10.30	<u>Professor Charles Cockell</u> , Chair of Microbiology, Open University Extrasolar Photosynthesis – Raven beyond the Nest
10.30 – 11.00	COFFEE
11.00 – 11.30	<u>The Botanical Society of Scotland Lecture</u> <u>Professor Dianne Edwards FRS</u> , Cardiff University Old plants, new challenges and Ravenesque approaches
11.30 – 12.00	<u>Professor Kevin Flynn</u> , Swansea University Does size really matter?
12.00 – 12.30	<u>Professor Richard Geider</u> , University of Essex Cost-benefit analysis of photon absorption by phytoplankton
12.30 – 1.30	BUFFET LUNCH
1.30 – 2.00	<u>The British Phycological Society Lecture</u> <u>Professor Mario Giordano</u> , University of Ancona FTIR Spectroscopy as a tool for the taxonomic, ecological and (eco) physiological characterization of phytoplankton
2.00 – 2.30	<u>Plant, Cell and Environment Lecture</u> <u>Professor Howard Griffiths</u> , University of Cambridge A Discriminating guide to photosynthetic carbon concentrating mechanisms
2.30 – 3.00	<u>Dr Stephen Maberly</u> , CEH, Lancaster DIC, CCMs, ¹³ C and aquatic ecology
3.00 – 3.15	COFFEE
3.15 – 3.45	<u>Plant, Cell and Environment Lecture</u> <u>Professor Bruce Osborne</u> , University College, Dublin Plants and Oxygen: A Ravenesque Paleobotanical Perspective
3.45 – 4.15	<u>The Marine Biological Association Lecture</u> <u>Professor Katherine Richardson</u> , University of Copenhagen Title to be confirmed
	<u>Discovery Lecture</u>
4.15 – 5.00	<u>Professor Paul Falkowski</u> , Rutgers University The evolution of Earth's core metabolism
5.00 – 6.00	Drinks Reception supported by New Phytologist Trust

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Morven Pearson
(01382 560014)

