

UNIVERSITY OF WALES STAFF COLLOQUIUM 'ENVIRONMENTAL  
MICROBIOLOGY'

TO BE HELD AT GREGYNOG, TUESDAY, 4TH JULY TO THURS. 6TH JULY

PROGRAMME 1978

4th July 7.0.p.m. Dinner

8.0.p.m. "Environmental Macro- and Micro-biology var. Javanensis". Dr. J. Hedger (Aberystwyth).

5th July 9.30. - 11.00.a.m.

- (1) Urea biodegradation in the Elbe Estuary and North Sea. (Carol Turley, Menai Bridge).
- (2) Bacterial communities within sediments of a polluted estuary. (J. R. Parkes, U.W.I.S.T.).
- (3) Factors influencing the distribution of enteric bacteria in a tidal estuary. (R. Chaplin & Felicity M. Padley, Swansea).

11.30.a.m. - 1.0.p.m.

- (4) Quantitative bacteriology of Mytilus edulis on a sewage-polluted shore (D. W. Webber & D. R. Trollope, Swansea).
- (5) Adsorption of viruses to particulate matter in sea water. (Janice Tyler & Felicity M. Padley, Swansea).
- (6) Microbial biomass in the ocean : how and how not to measure it. (G. Floodgate & N. Burton, Menai Bridge).

4.30.p.m.

Guest Speaker: Dr. R. W. A. Park, Department of Microbiology, University of Reading. "Counts, Chemostats and Collaboration in Microbial Ecology"

8.0.p.m. - 9.30.p.m.

Informal evening: Volunteers (preferably with slides) to talk about 'Conferences I have known' (in entertaining vein preferably).

6th July 9.30. - 11.00.a.m.

- (7) Bacteria as a food source for a small freshwater worm. (R. Harper, U.W.I.S.T.)
- (8) The effect of the herbicide, paraquat, on freshwater bacterial populations (J. C. Fry, U.W.I.S.T.)
- (9) Studies on primary productivity and heterotrophy in fresh water algae. (A. K. Jones, Aberystwyth).

11.30.a.m. - 1.0.p.m.

- (10) Factors controlling the activity of micro-organisms in litter ecosystems. (J. Hedger, Aberystwyth).
- (11) Microbial communities and biodegradation - laboratory models or field investigations? (Susan Minney, J. R. Parkes & A. T. Bull, U.W.I.S.T.)
- (12) Waste not, want not: cellulose as a chemical and energy source. (G. Halliwell, Swansea).
- (13) Biosynthesis and secretion of cellulase by soil microbes. (J. Lovelady & G. Halliwell, Swansea).

#### General Information.

1. Meal times:- Breakfast 8.30.a.m., Coffee 11.00.a.m., Lunch 1.00.p.m., Tea 3.45.p.m., Dinner 7.00.p.m.
2. We wish to encourage fruitful discussion of the research papers and ample time will be available if the papers are about 20 min. in duration.
3. We expect to be able to cover the cost of accommodation and meals at Gregynog for all grades of staff and some money may be available to pay travelling expenses. It will be advantageous if staff, as far as possible, bring others in their cars.

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16<sup>th</sup> May, 1978.

Dear Mr. Young,

University of Wales Staff Colloquium, Gregynog. 4th July - 6th July, 1978.

You will see from the enclosed programme that we have had an encouraging response to the earlier invitation and a full programme on "Environmental Microbiology" is planned. Unfortunately, Dr. Vera Collins has had to withdraw from the meeting and we wish her well for her forthcoming operation. We are fortunate indeed that Dr. R.W.A. Park is able to come to such short notice and know that a good session is in the offing under his intriguing lecture title.

I would be very grateful if all those who are coming would fill in one of the reservation slips and return it by the 20th May.

(Copy for your retention

Tuesday, 4/7/78

Wednesday, 5/7/78

Thursday, 6/7/78

Dinner Night

Lunch    Tea    Dinner Night

Lunch

We hope you can join us at the Colloquium. As one correspondent has written 'Gregynog should be magnificent at that time'.

Yours sincerely,

*D.R.*  
D. R. TROLLOPE

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