



STRI NEWSLETTER

5

FEBRUARY 1ST, 1985

SEMINAR NEWS

No luncheon seminar next Tuesday.

On Thursday, February 7 at 12 noon in the Naos Conference Room, MATTHEW GROBER, STRI Short term Fellow from UCLA, will give an informal seminar on:

The importance of luminescence in the ecology of *Ophiopsila neesii*: a possible explanation for the success of the "enlightened" brittle star

RICHARD WEBER, park planning advisor for UNESCO-MIDA-RENARE, will be our speaker on Tuesday, February 12. His subject will be:

Alternative Futures for the Darien National Park

LIBRARY NEWS

ROBERTO SARMIENTO will give a demonstration of the library's new photocopier at the STRI Library at 11 am on Tuesday, February 5.

Missing Library books:

- Catalogue of American spiders (Alexander I. Petrunkevitch, 1939).
- De la colonia a la emancipación 1810-1960/ Universidad Nacional del Litoral, Facultad de Filosofía y Letras (Rosario, Argentina (The University, 1960).
- Through Unknown Nicaragua (Mervyn George Palmer).
- La Vegetación de Chiapas (Faustino Miranda, 1976).

GRANT RECEIVED

A Smithsonian Scholarly Studies Grant to STEPHEN HUBBELL and ROBIN FOSTER was recently approved to support the recensusing work on the BCI Mapping Project.

GRANT INFORMATION

Information on research grants and grants-in-aid from the WHITEHALL FOUNDATION was recently received, and has been posted on STRI bulletin boards. The grants are to assist scholarly research in the life sciences, particularly in the areas of: plant physiology, development, genetics and ecology; ecology and population biology; invertebrate neurophysiology; animal behavior and ethology; taxonomy and phylogeny.

CALENDAR FOR FEBRUARY

FEBRUARY 1985						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28		

February 12 - Scientific staff meeting at 9:30 am in the Ancon Conference Room.

February 18 - Celebration of Washington's Birthday (U.S.) an official holiday for STRI employees.

February 19 - CARNAVAL - Panamanian holiday. STRI will observe a liberal leave policy.

February 25 - STRI/University of Panama Graduate Course in Marine Ecology is scheduled to begin and last for a 6-week period.

February 27 - Review meeting for the selection of Smithsonian Pre- and Postdoctoral Fellowships for 1985 at 9:30 am in the Ancon Conference Room.

NOTES OF INTEREST

VIELKA VERGEL will return to work Monday, February 4, after recovering from an operation.

MARIA MORELLO will be going on leave March 1 - 22. If you need any permit requests for March, please plan ahead and send them to Maria during the coming month.

AGUILARDO PEREZ has received an Exxon assistantship to work with R. Cooke in the Proyecto Santa Marfa. Originally from San Blas, Aguilaro recently received an M.A. with a specialization in archaeology at the State University of Voroneth, in the Soviet Union.

NIDIA AGUIRRE from the University of Panama will work with D. Piperno at Naos on an Exxon Assistantship for three months.

RAINFALL DATA

Rainfall is one of the climatic conditions that is monitored daily by the Environmental Sciences Program on BCI. For your information, the rainfall data for 1984 is on the back.

Environmental Sciences Program - Barro Colorado Island
1984 Rainfall in mm from clearing plastic rain gauge

day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
1	67.8	0	16.8	0	0	17.5	31.4	0.5	48.0	55.2	120.0	1.2	0
2	0.4	0	0	0	0	2.8	4.0	15.3	0	-	0.2	-	0
3	0.2	0	0	0.4	0	0.4	0.1	11.0	0	-	0	1.2	0
4	0.4	9.0	0.6	0	0	1.5	1.0	0	1.8	27.4	0	0	0
5	0.2	0	0	0	0.4	17.0	10.1	0	0.1	0	68.2	0	0
6	6.4	1.2	0	0	0	47.8	24.0	0	2.8	-	28.3	0	2.7
7	0.9	2.4	0.1	2.6	0	30.2	12.0	0.1	15.8	-	4.0	0	4.4
8	0.3	0.5	0.4	0	0	25.0	6.2	0.1	-	0.6	0.4	-	0
9	0.2	0.1	0	0	0	2.6	2.4	0.5	-	-	57.7	0	0
10	0	0	2.4	0	1.3	0	4.0	79.0	46.0	25.6	-	-	0
11	1.2	0.8	0	0	4.0	20.0	15.4	28.0	68.6	12.2	-	0	0
12	4.5	0.2	0	0	28.6	3.7	4.4	2.6	0.6	37.0	58.6	0	-
13	0.2	3.4	0	0	0.2	0.8	0.1	2.0	0	-	2.5	0.2	-
14	0	1.7	0	0.4	11.5	0	36.5	0	5.2	-	1.6	15.3	1.3
15	0	0	0	0	0.1	0.7	2.6	28.0	-	12.6	9.4	-	0
16	25.8	0	0	0	3.6	10.8	41.0	0.7	-	3.4	-	0	0
17	1.4	0.1	1.2	0	2.0	20.3	0	0.3	0.7	1.2	-	-	0
18	0.6	0	0	20.6	3.0	4.8	1.2	1.5	0.4	37.0	-	0	0
19	0.1	0	0	0	0	0.6	0	43.0	7.5	70.4	-	1.2	0
20	0	0	0	0	0	0	0	3.8	-	-	80.4	2.4	0
21	0	0	0	0	0	0	0	1.2	21.4	-	0.2	0.3	0
22	0	0	0	0	26.0	0.7	0	10.4	-	-	8.7	0	0
23	0	0	0	0	1.6	1.5	8.3	14.4	-	60.4	49.5	0	0
24	0	0	0	0	6.5	4.8	1.8	0.5	1.0	34.0	0	0	0
25	0	7.4	0	0	12.2	7.8	0	0	0	37.5	0	-	2.2
26	0	0	0	0	26.0	27.0	51.0	0	0	-	8.5	1.7	0
27	0	12.6	0	0	4.2	0.5	9.0	2.8	1.9	-	6.6	0	0
28	0.4	0.6	0	21.0	0.1	0.3	0	3.0	0.7	-	79.0	0	0
29	0	17.1	0	0	1.8	4.6	20.0	53.8	-	-	12.2	-	0
30	0	0	0.6	0	2.0	7.8	1.0	0.1	-	5.7	0.3	-	0
31	0	0	0	0	1.2	0	1.1	0	-	57.0	0.1	0.1	0
tot	111.0	57.1	22.1	45.0	136.3	261.5	288.6	302.6	222.5	477.2	596.3	23.6	10.6

GRAND TOTAL = 2543.8 MM