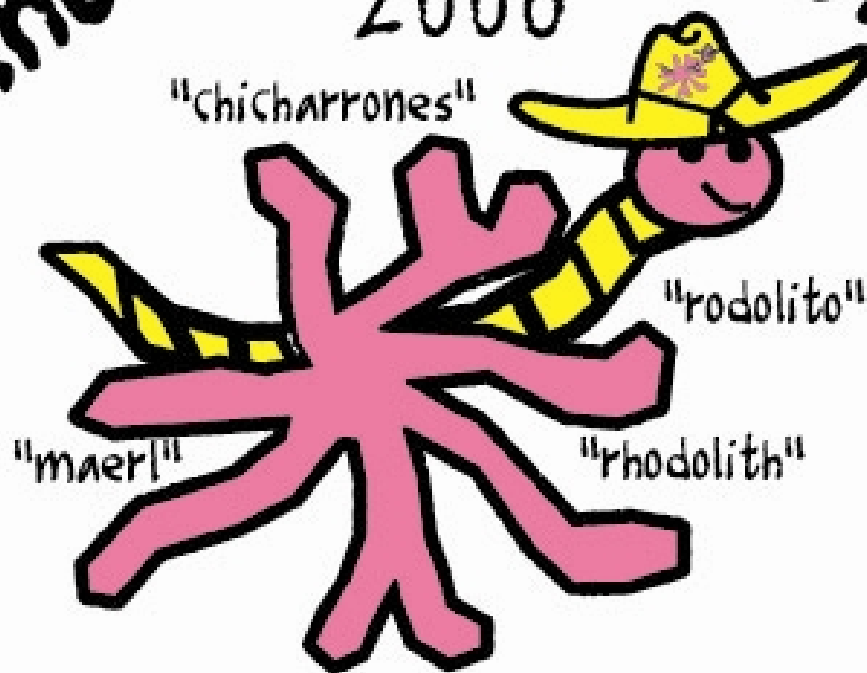


2nd International

Rhodolith Meeting 2006



La Paz, B.C.S., Mexico

SPONSORED BY:

UABCS - MLML - CONACYT - NSF - BCSES

Abstracts, schedule and general information

The present workshop has been possible through the support of the following institutions.



**Museu Nacional
(Universidade Federal do Rio)**



PETROBRAS

DAILY PROGRAM

OCTOBER 22 Sunday

UABCS Bus picking up participants from the airport in San Jose del Cabo – Departing for La Paz at 5pm from SJD airport to La Paz hotels. Look for Rhodolith Meeting sign and T-shirts!!

OCTOBER 23 Monday

TAXONOMY

Hour	Activity
8:30	Buses will pick up participants from Los Arcos (see the city map)
9:00 – 10:30	Registration at the UABCS Convention Center (see UABCS map) & opportunity to visit the University
10:30 – 11:00	Opening remarks at UABCS University by organizers
11:00 – 13:00	Plenary session Chairman: Carlos Cintra Buenrostro
11:00 – 11:45	- Adele Harvey “ <i>Introducing Coralline Red Algal Taxonomy and a brief overview of Rhodolith Beds in Australia</i> ”
11:50 – 12:10	- Rafael Riosmena Rodríguez and William J. Woelkerling “ <i>Taxonomy of rhodolith beds from the Gulf of California: implications for understanding biodiversity</i> ”
12:10 – 12:30	BREAK
12:30 – 12:50	- Edgar Rosas Alquicira, Ana I. Neto and Rafael Riosmena-Rodriguez “ <i>Taxonomy and distribution of rhodolith beds from the Azores, Portugal</i> ”
12: 50 – 13:10	- Rafael Riosmena Rodríguez, María del Carmen Altamirano Cerecedo, Diana L. Steller, Sandra Lindstrom and Kathy Ann Miller “ <i>Are there more rhodolith beds along the Northeast Pacific?</i> ”
13:10 – 14:30	LUNCH (UABCS convention center special room - included with registration)
14:30 – 16:00	<ul style="list-style-type: none"> - Discuss paper submissions to ‘Ciencias Marinas’ - LABORATORY -hands on taxonomy session (keying material, identification of common features, sample preparation, slide preparation ***BRING MATERIALS AND TECHNIQUES TO SHARE INCLUDING KEYS) - The session will held in the Marine Botany laboratory classroom (see the UABCS map)
16:00	Departure of bus to hotel
19:00	Ice breaker at Hotel Los Arcos!!!

Taxonomy and distribution of Rhodolith beds from the Azores, Portugal

Edgar Rosas Alquicira^{1,2}, Ana I. Neto¹ & Rafael Riosmena Rodriguez²

¹Departamento de Biologia Marinha, Universidade dos Açores. Campus de Ponta Delgada. Apartado 1422. PT - 9501-801 Ponta Delgada., Açores, Portugal

²Programa de Investigación en Botánica Marina, Departamento de Biología Marina, Universidad Autónoma de Baja California Sur, Apartado postal 19-B, La Paz B.C.S. 23080 México.

Rhodoliths are free-living nongeniculate coralline red algae that form extensive living beds worldwide. In the eastern Atlantic Macaronesian region the distributional records are limited by the Canarian and Salavajes Archipelagos. Around the Azores, the present is the first published record on rhodolith beds and specific composition. In each rhodolith bed, collections were made of all morphologies and samples were preserved in formaldehyde for the subsequent detailed investigation. In the laboratory the species determination was made using SEM technique and the histological process. Three rhodoliths beds were located in São Miguel (oriental archipelago group) and Pico and Graçiosa Island (central archipelago group); in both, shallow (2 TO 5 m) and deep (7 to 10 m) waters. The rhodolith forming species are: *Spongites fruticosus*, *Lithophyllum corallinae*, *Phymatolithon calcareum*. Species composition and morphological form varied by bed: São Miguel - *S. fruticosus* (lumpy and incrusting form), *L. corallinae* (incrusting form) and in Graciosa: *P. calcareum* (lumpy form). The presence of *S. fruticosus* and *P. calcareum* are new distribution records for the Macaronesian region. The biogeographic importance of the new Azorean rhodolith beds and new reported species are discussed.