

EDUCATION

Master in Sciences: Maestro en Ciencias en Oceanografía Costera

Institution: Universidad Autónoma de Baja California, Facultad de Ciencias Marinas, Instituto de Investigaciones Oceanológicas. (August 2000–July 2002)

Degree exam: 18 December 2003

Thesis title: Biogeography and taxonomic of *Porphyra* (Rhodophyta), in the Northwest Pacific Mexican.

Marine Biologist

Institution: Universidad Autónoma de Baja California Sur, Área Interdisciplinaria de Ciencias del Mar, Departamento de Biología Marina.

Address: Carretera al Sur Km. 5.5, AP. 19B, CP. 23080. La Paz, Baja California Sur, Tel. 01 52 (612) 128-05-69 Ext. 119, fax. (612) 128-08-80.

Period: January 1996–December 1999.

Date of professional exam: 3 August 2000.

Thesis title: Phenology of *Porphyra pendula* (Bangiales; Rhodophyta), in Punta Coyote, Baja California Sur, Mexico.

EMPLOYMENTS

Technician of field of aquatic vegetation attributed to the Proyecto Salitrales, San Ignacio, Baja California Sur.

INVESTIGATION PROJECTS

Biodiversity associated to beds of Rodolitos and Prairies of Marine Grasses in Bahía Concepción, B.C.S. Financing CONABIO FB702/S074/99. (1999-2001).

Social service in the Herbario Ficológico (FBCS) of the Universidad Autónoma de Baja California Sur. (1998-1999).

Evaluating Biological response Global to Change using the Fossil Record".
Departamento de Biología Marina, Universidad Autónoma de Baja California Sur/The University of Ohio and Moss Landing Marine Laboratories. Financing National Geographic, contract #5774-96. (1998-1999).

The Impact of Climate Change on Nearshore Biodiversity Marinates in the Gulf of California". Departamento de Biología Marina Universidad Autónoma de Baja California Sur/The University of Ohio and Moss Landing Marine Laboratories. Financing University Corporation For Atmospheric Research, programs Global Change and Biodiversity, contract #UCAR S97-74025. (1998-1999).

Evaluation of the effects caused by "El Niño" 1997-1998 "in coralline systems of the Gulf of California", Departamento de Biología Marina Universidad Autónoma de Baja California Sur/Instituto de Ciencias del Mar y Limnología de la U.N.A.M/Moss Landing Marine Laboratories. Financed CONACyT, contract #056PÑ-1297. (1998-1999).

Taxonomic studies of Nongeniculate Coralline Red Algae (Corallinales; Rhodophyta) in the Gulf of California, Mexico. Departamento de Biología Marina Universidad Autónoma de Baja California Sur/The Trobe University. Partial financing on the part of the two institutions, (1998 - 1999).

PARTICIPATION IN DECLARATIONS OF ENVIRONMENTAL IMPACT

Section of Aquatic Vegetation of the Evaluation of Environmental Impact, specific modality, Proposal: Salitrales de San Ignacio, B.C.S. (1998-1999).

Section of Aquatic Vegetation of the Evaluation of Environmental Impact, intermediate modality, Proposal: Develop Real state of Bahia del Rincon, B.C.S. (1999).

COURSES

Technical of Scientific Diving, Underwater Ecologists NAUI, 21-24 October 1999, John N. Heine (Moss Landing Labs Marinates., E.U.A.) and Edgardo Ochoa López (CICIMAR, I.P.N., Méx.), CICIMAR, IPN, La Paz, B.C.S., certification NAUI-5924.

Advanced Open Water Diver certification PADI, Course of 6 months, February to May 1999, imparted by Edgardo Ochoa López, certification PADI-9909648313.

Dive, certification of the Confédération Mondiale Activités Subaquatiques (FMAS-CMAS), February to July 1998, certification number P-1-Méx. - 98/13169.

First aids PADI (Medic First Aid) CPR/First Aid, October 2000, Edgardo Ochoa, Universidad Autónoma de Baja California Sur, La Paz, B.C.S., certification PADI-0012077444.

First aids with oxygen in diving accidents, February 1999, CICIMAR, IPN, La Paz, B.C.S, Certificate.

COURSES

Assistant in The Ecology Subtropical of Environments Marimates", imparted by M. S. Foster (Moss Landing Laboratories Marimates), R. Riosmena-Rodríguez and H. King-Bonilla (U.A.B.C.S.), imparted of the 17 at June 20 1999 in The Peace, B.C.S.

TALKS

Ecology, Cultivations, Biogeography and Taxonomic of the Filamentous stage and macroscopic stage of *Porphyra* in the Western Pacific, to students of Botanical, Facultad de Ciencias, 2 June 2003, Universidad Autónoma de Baja California, Instituto de Investigaciones Oceanológicas.

MEMBER OF SCIENTIFIC SOCIETIES

Member student of the Phycological Society of America (PSA); 2000.

Member student of the Phycological Society of Mexico; period 1998 - 2004.

Member student of the Association of investigators of the Sea of Cortes, A.C.; 2001–2004.

CONGRESSES

III Congreso Mexicano de Ficología, **López-Vivas, J. M.** y Riosmena-Rodríguez, R. Dimorfismo sexual en *Porphyra pendula* (Bangiales; Rhodophyta), en el Golfo de California, México. 25-29 October 1999, La Paz, Baja California Sur, México. Poster.

54TH Annual meeting of the Phycological Society of America(PSA) **López-Vivas, J. M.** & Riosmena-Rodríguez, R. Phenology of *Porphyra pendula* (Bangiales; Rhodophyta), in the southwestern Gulf of California, Mexico. 15-19 Julio 2000, San Diego, California, U.S.A. Poster.

VIII Congreso Nacional y II Simposium Internacional del Mar de Cortés, of the Association of Investigators of the Sea of Cortés, A.C. **López-Vivas, J. M.** y Riosmena-Rodríguez, R. Dimorfismo sexual y variación en tallas de *Porphyra pendula* (Bangiales; Rhodophyta), en Punta Coyote, Baja California Sur, México. 29 May -1 June 2001, Ensenada, Baja California. Oral presentation.

VIII Congreso Nacional y II Simposium Internacional del Mar de Cortés,of the Association of Investigators of the Sea of Cortés, A.C. Riosmena-Rodríguez R., León-Cisneros K., Holguín-Acosta E., Hinojosa-Arango G. y **López-Vivas J.M.** Variación espacial de la vegetación acuática en Bahía de Ballenas, B.C.S., México. 29 May -1 June 2001, Ensenada, Baja California. Poster.

IV Congreso Mexicano de Ficología, **J. M. López Vivas**, I. Pacheco Ruíz, R. Riosmena Rodríguez y J. A. Zertuche González. Biogeografía de *Porphyra* (Bangiales; Rhodophyta), en el Pacífico Noroccidental Mexicano. 7-11 April 2003, Merida, Yucatan. With this report, Diploma of Second Place was obtained in the competition of oral reports. Oral presentation.

IV Congreso Mexicano de Ficología, **J. M. López Vivas**, I. Pacheco Ruíz, R. Riosmena Rodríguez y J. A. Zertuche González. Taxonomía de la fase filamentosa de *Porphyra* (Bangiales; Rhodophyta), en el Pacífico Noroccidental Mexicano. Mexican. 7-11 April 2003, Merida, Yucatan. Poster.

IV Congreso Mexicano de Ficología, J. M. Guzmán Calderón, I. Pacheco Ruíz y **J. M. López Vivas**, Efecto de la temperatura, irradiancia y fotoperíodo en la liberación de conchosporas en la fase Conchocelis de *Porphyra perforata* (Bangiales; Rhodophyta). 7-11 April 2003, Merida, Yucatan. Oral presentation.

IV Congreso Mexicano de Ficología, as moderator in the oral session of Taxonomía y Florística.

IX Congreso Nacional y III Simposium Internacional del Mar de Cortés, of the Association of Investigators of the Sea of Cortes, A.C. **López Vivas J. M.**, Pacheco Ruíz I., Riosmena Rodríguez R. y Zertuche González J. Biogeografía de *Porphyra* (Bangiales, Rhodophyta), en el Golfo de California, México. 5-9 May 2003, La Paz, Baja California Sur. Oral presentation.

PUBLICATIONS

Riosmena-Rodríguez, R., Hinojosa-Arango, G. **López-Vivas, J.M.**, León-Cisneros, K. and Holguín-Acosta, E. 2002. Space characterization and biogeographic of the associations of macroalgas of Bahía del Rincon, B.C.S., Mexico. *Tropical biology*. In press.

R. Riosmena-Rodríguez, G. Hinojosa-Arango, K. León-Cisneros, E. Holguín-Acosta, and **J.M. López-Vivas**. Special variation of the marine vegetation in Bahía de Ballenas, B.C.S., Mexico. *Ciencias Marinas*. In press.