



PROGRAM ANNOUNCEMENT FIELD OPPORTUNITIES

Through a growing collaborative network, CMB and its educational partners are committed to providing students with project-related field experiences that establish relevancy to their barcoding efforts and heighten investment in the program. A brief description of field opportunities and available dates is provided below. Although several of these opportunities do not involve the collection of marine specimens, they nevertheless introduce students to key scientific issues relevant to the iBOL project and the Barcoding Life's Matrix program. As a courtesy, we kindly request that you contact our partners at least one week in advance to allow them time to adequately prepare for the arrival of your students.

COASTAL MARINE BIOLABS

Contact: Darcy Perez-Duffy, M.S., Project Coordinator
Phone: 805-708-5357
Email: Darcy.Duffy@venturausd.org
Website: <http://www.studentDNAbarcoding.org>

Activities

Supervised groundfish collections at various sites in the Santa Barbara Channel, including sites surrounding Anacapa and Santa Cruz Islands. During each collection, CMB scientists provide an overview of the biogeographic factors influencing marine biodiversity at CA's northern Channel Islands and guide the collection of specimens and the acquisition of specimen metadata. CMB will also host supervised groundfish collections in northern CA regions pending approval of an amendment to CMB's scientific collection permit.

Available Dates

Collections are arranged by appointment only and require a commercial boat charter. Please contact Darcy Perez-Duffy for details.

PACIFIC COAST SCIENCE AND LEARNING CENTER, POINT REYES NATIONAL SEASHORE, US NATIONAL PARK SERVICE

Contact: Ben Becker, Ph.D., Science Coordinator and Marine Ecologist
Phone: 415-464-5187
Email: ben_becker@nps.gov
Website: <http://www.nps.gov/pore/parkmgmt/pcslc.htm>

Activities

Marine Biologist led field trip to the rocky intertidal habitats at Point Reyes. Discussion of intertidal natural history, species diversity, long-term monitoring, threats, and collecting select marine specimens for DNA barcoding. Each trip involves a 45-minute hike, a 2-hour exploration of the tide pools, and a 45-minute return hike. Sturdy boots or shoes that can get wet are required.

Available Dates

Oct 13	2:00 p.m. – 6:00 p.m.
Nov 10	2:00 p.m. – 6:00 p.m.
Nov 11	2:00 p.m. – 6:00 p.m.
Nov 23	2:00 p.m. – 6:00 p.m.
Nov 24	2:00 p.m. – 6:00 p.m.
Nov 25	2:00 p.m. – 6:00 p.m.
Dec 07	2:00 p.m. – 6:00 p.m.
Dec 08	2:00 p.m. – 6:00 p.m.
Dec 09	2:00 p.m. – 6:00 p.m.
Dec 10	2:00 p.m. – 6:00 p.m.
Dec 11	2:00 p.m. – 6:00 p.m.
Dec 20	2:00 p.m. – 6:00 p.m.
Dec 21	2:00 p.m. – 6:00 p.m.

GOLDEN GATE NATIONAL RECREATION AREA, US NATIONAL PARK SERVICE

Contact: Darren Fong, Aquatic Ecologist
Phone: 415-289-1838
Email: Darren_Fong@nps.gov
Website: <http://www.nps.gov/goga/index.htm>

Activities

Biologist led field trip to the rocky intertidal habitats at Golden Gate National Recreation Area. Discussion of intertidal natural history, species diversity, long-term monitoring, threats, and collecting select marine specimens for DNA barcoding. Each trip involves a 15-minute hike, a 1-2 hour exploration of the tide pools, and a 15-minute return hike. Sturdy boots or shoes that can get wet are required.

Available Dates

Oct 01	4:00 p.m. – 6:00 p.m.
Oct 02	4:30 p.m. – 6:30 p.m.
Oct 03	5:00 p.m. – 7:00 p.m.
Oct 15	3:00 p.m. – 5:00 p.m.
Oct 26	2:00 p.m. – 4:00 p.m.
Oct 29	3:00 p.m. – 5:00 p.m.

LIMPETS PROGRAM (NOAA NATIONAL MARINE SANCTUARIES)

Southern California

Contact: Julie Bursek & Jessie Alstatt
Phone: (805) 382-6149 x101
Email: Julie.Bursek@noaa.gov, jessie.alstatt@gmail.com
Website: <http://limpetsmonitoring.org/>

Activities

The LiMPETS network provides authentic, hands-on coastal monitoring experiences that empower teachers, students and the community to conduct real science and serve as ocean stewards. Please refer to website for additional details.

Available Dates

Contact Julie Bursek or Jessie Alstatt directly for available dates.

Northern California

Contact: Abby Nickels
Phone: (415) 561-6625, ext. 304
Email: limpets@farallones.org
Website: <http://limpetsmonitoring.org/>

Activities

The LiMPETS network provides authentic, hands-on coastal monitoring experiences that empower teachers, students and the community to conduct real science and serve as ocean stewards. Please refer to website for additional details.

Available Dates

Contact Abby Nickels directly for available dates.