



## Bamfield Marine Sciences Centre

### Sample Field Trip Itinerary

#### Day 1

- 1600 Arrive Bamfield Marine Sciences Centre, settle into accommodations.
- 1700 Tour of the Marine Sciences Centre facilities and safety orientation
- 1800 Dinner
- 1900 Field trip: Oceanography and biodiversity in Grappler Inlet, plankton collections.
- 2030 Slide Show: Marine Mammals of Barkley Sound.

#### Day 2 (Low tide of 0.5m @ 0900)

- 0730 Breakfast
- 0830 Field Trip: Introduction to intertidal ecology including zonation patterns at Aguilar Point.
- 1030 Lab: Marine invertebrate diversity in Barkley Sound.
- 1230 Lunch
- 1330 Field Trip: Open ocean sampling (dredge) and seabird surveys on board the research vessel M.V. Alta
- 1530 Fieldtrip: Temperate rainforest ecology, biodiversity study
- 1800 Dinner
- 1900 Lab: Microscopic examination of the plankton
- 2030 Video: "Life at the Edge of the Sea" A BBC documentary filmed here at BMSC.
- 2130 Field Trip: Bioluminescence in the inlets of Bamfield

#### Day 3 (Low tide of 0.4m @ 0940)

- 0730 Breakfast, pack-up, move out of accommodations.
- 0830 Field Trip: Sandy and rocky shores of Brady's beach, tidepool studies.
- 1130 Field Trip: Life on docks and pilings.
- 1230 Lunch
- 1330 Depart Bamfield Marine Sciences Centre.