

King Range Partners Make It Happen



**A Network Initiative
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Interpretive Specialist
King Range National Conservation Area
U.S.D.I. Bureau of Land Management
October 7, 2010**

King Range Partners Make It Happen

- King Range NCA 40th Anniversary
 - Mattole Salmon Group
 - Sanctuary Forest
 - Mattole Restoration Council
 - Lost Coast Interpretive Association
- California Coastal National Monument & National Landscape Conservation System 10th Anniversary
 - Shelter Cove Pioneers
 - Cape Mendocino Lighthouse Preservation Society
 - Friends of Whitethorn School
- ARRA Projects & Other Projects
 - Paradise Royale MBT expansion & Skills Park
 - International Mountain Bicycling Association
 - Alpine Bike Parks
 - California Conservation Corps
 - Nick's Interns
 - Bigfoot Mtn Bike Club
 - Tamiscal High School
 - Historic Barns Restoration
 - Paving Mal Coombs Park & Chemise Mtn Road



Formal and Informal Network Partnerships

➤ Partners with Volunteers Agreements

- Tamiscal High School

➤ Partners With Assistance Agreements

- Lost Coast Interpretive Association
- Mattole Restoration Council
- Redwood Community Action Agency: Natural Resources Services

➤ Partners Under “Contract”

- Humboldt State University
Natural Resources Interpretation & Planning Department

➤ Partners With MOU

- Nick’s Interns
 - Mattole Restoration Council
 - Mattole Salmon Group
 - Sanctuary Forest
 - Redwood Forest Foundation, Inc.
- Cape Mendocino Lighthouse Preservation Society

➤ Intra/Inter Agency Partners

- NOAA Phytoplankton Monitoring
- California Department of Public Health Biotxin Monitoring Program
- California State Parks

➤ Partners With MOU in Development

- Mateel Community Center (Youth Alive) and Southern Humboldt Community Park
- Mattole Valley Historical Society
- CA Coastal National Monument Gateway
 - Shelter Cove Pioneers
 - InterTribal Sinkyone Wilderness Council
 - Bear River Band of Rohnerville Rancheria
 - Cape Mendocino Lighthouse Preservation Society
 - Lost Coast Interpretive Association
 - Shelter Cove Resort Improvement District
 - California State Parks

➤ Informal Partnerships

- South Fork High School
- Sanctuary Forest
- So. Humboldt Family Resource Center

HSU: Natural Resources Interpretation & Planning Department



Stage of Network Development

- Active

Managing the Network

- Identify new projects—Spring 2011 Semester students will develop fire education curriculum
- Complete remaining interpretive panels for office with HSU student.
- Evaluation of education programs.



Lost Coast Interpretive Association



Lost Coast Education Center

Stage of Network Development

- Research and Development
- Implementation Planning

Managing the Network

- Managing Assistance Agreement
- Developing k-6 curriculum
- Searching for funding opportunities that will benefit the partnership and programs
- Developing an interpretive plan for Lost Coast Education Center



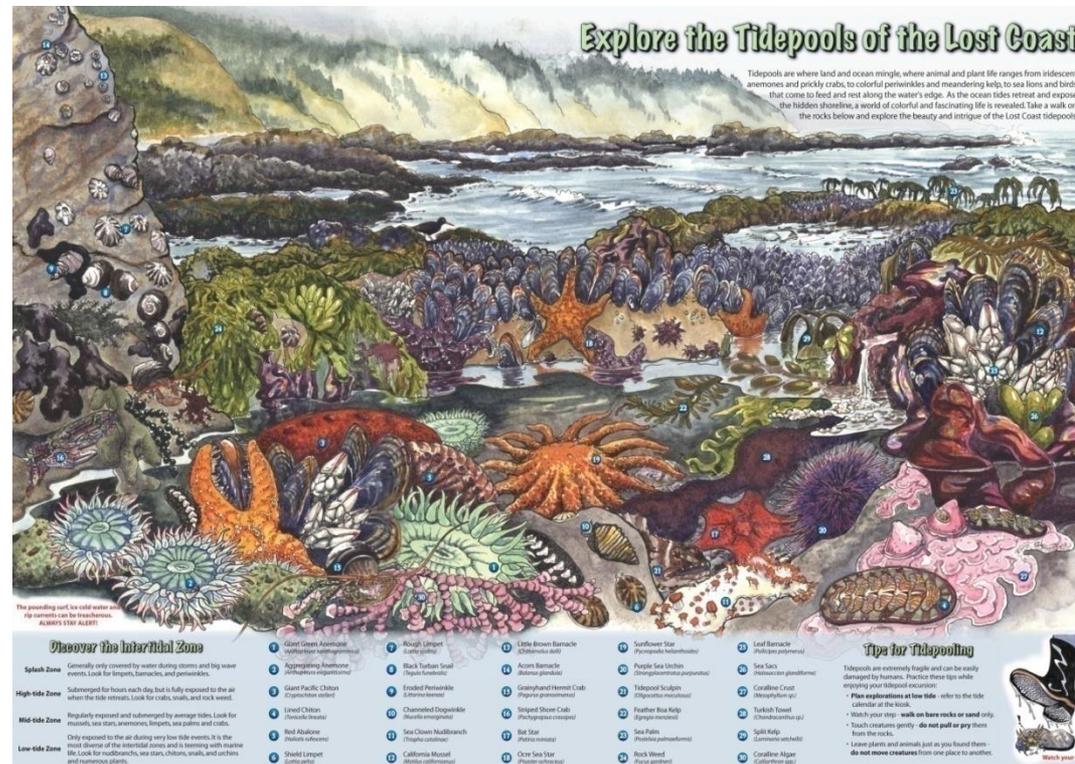
California Coastal National Monument Lost Coast Gateway

Stage of Network Development

- Research and Development
- Implementation Planning

Managing the Network

- Brochure Committee
 - Continue monthly meetings until brochure is complete (anticipated completion early spring 2011)
- Lost Coast Gateway
 - Establish Goals/Objectives
 - Identify Projects
 - Formalize with MOU



Explore the Tidepools of the Lost Coast

Tidepools are where land and ocean mingle, where animal and plant life ranges from iridescent anemones and prickly crabs, to colorful periwinkles and meandering kelp, to sea lions and birds that come to feed and rest along the water's edge. As the ocean tides retreat and expose the hidden shoreline, a world of colorful and fascinating life is revealed. Take a walk on the rocks below and explore the beauty and intrigue of the Lost Coast tidepools.

The pounding surf, ice cold water and rip currents can be treacherous. ALWAYS STAY ALERT!

Discover the Intertidal Zone

- Splash Zone** Generally only covered by water during storms and big wave events. Look for limpets, barnacles, and periwinkles.
- High-tide Zone** Submerged for hours each day, but is fully exposed to the air when the tide retreats. Look for crabs, snails, and rock weed.
- Mid-tide Zone** Regularly exposed and submerged by average tides. Look for mussels, sea stars, anemones, limpets, sea palms and crabs.
- Low-tide Zone** Only exposed to the air during very low tide events. It is the most diverse of the intertidal zones and is teeming with marine life. Look for nudibranchs, sea stars, chitons, snails, and urchins and numerous plants.

- 1 Giant Green Anemone (*Aequorea victoria*)
- 2 Aggregating Anemone (*Anthephrone elegans*)
- 3 Giant Pacific Chiton (*Cryptochiton stelleri*)
- 4 Lined Chiton (*Tonicia lineata*)
- 5 Red Abalone (*Haliotis rufescens*)
- 6 Shield Limpet (*Lottia pelta*)

- 7 Rough Limpet (*Lottia scabra*)
- 8 Black Turban Snail (*Tegula funebrata*)
- 9 Eroded Periwinkle (*Littorina keenani*)
- 10 Channeled Dogwinkle (*Nucella emarginata*)
- 11 Sea Clown Nudibranch (*Tritia cristata*)
- 12 California Mussel (*Mytilus californianus*)

- 13 Little Brown Barnacle (*Chthamalus dollii*)
- 14 Acorn Barnacle (*Balanus glandula*)
- 15 Grainsand Hermit Crab (*Pagurus granosimanus*)
- 16 Striped Shore Crab (*Pachygrapsus crassipes*)
- 17 Bat Star (*Potia minima*)
- 18 Ocre Sea Star (*Pisaster ochraceus*)

- 19 Sunflower Star (*Pycnopoda helianthoides*)
- 20 Purple Sea Urchin (*Strongylocentrotus purpuratus*)
- 21 Tidepool Sculpin (*Odiplocottus maculatus*)
- 22 Feather Boa Kelp (*Egregia menziesii*)
- 23 Sea Palm (*Postelsia palmaeformis*)
- 24 Rock Weed (*Fucus gardneri*)

- 25 Leaf Barnacle (*Pollucinia polymera*)
- 26 Sea Sacs (*Heterosaccus glandiformis*)
- 27 Coralline Crust (*Micropylella* sp.)
- 28 Turkish Towel (*Chondracanthus* sp.)
- 29 Spill Kelp (*Laminaria setchellii*)
- 30 Coralline Algae (*Corallorhiza* spp.)

Tips for Tidepooling

- Tidepools are extremely fragile and can be easily damaged by humans. Practice these tips while enjoying your tidepool excursion:
- Plan explorations at low tide - refer to the tide calendar at the kiosk.
 - Watch your step - walk on bare rocks or sand only.
 - Touch creatures gently - do not pull or pry them from the rocks.
 - Leave plants and animals just as you found them - do not move creatures from one place to another.



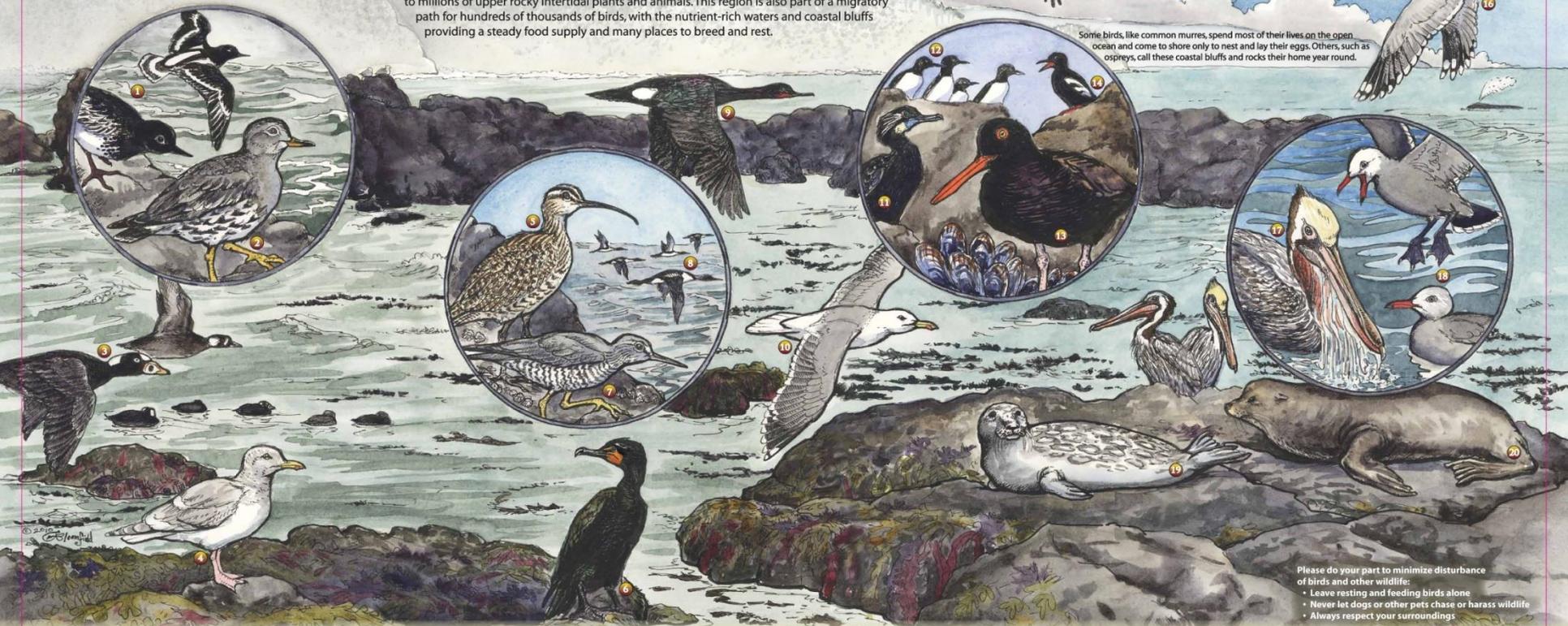
Watch your step!

Welcome to the Lost Coast

Gateway to the California Coastal National Monument

The California Coastal National Monument, a string of more than 20,000 rocks and small islands along the state's coastline, was given special protection in 2000. The nearby rocks and islands are home to thousands of seals and sea lions and habitat to millions of upper rocky intertidal plants and animals. This region is also part of a migratory path for hundreds of thousands of birds, with the nutrient-rich waters and coastal bluffs providing a steady food supply and many places to breed and rest.

Some birds, like common murre, spend most of their lives on the open ocean and come to shore only to nest and lay their eggs. Others, such as ospreys, call these coastal bluffs and rocks their home year round.



Just Flying By?

The Lost Coast region is part of the Pacific Flyway, a migratory path for waterfowl, shorebirds, and other water-based birds. The offshore rocks and coastal bluffs play essential roles in these migrations by providing important resting, feeding, and breeding habitats. Some birds and mammals even call this region home, year-round. At different times of the year, you can see most of these birds and mammals making their homes or traveling along the Lost Coast. Grab some binoculars and see if you can spot some of these locals and visitors!

- 1 Black Turnstone (*Arenaria melanocephala*)
January - December
- 2 Surf Scoter (*Melanitta perspicillata*)
January - December
- 3 Glaucous-winged Gull (*Larus glaucescens*)
January - December

- 5 Whimbrel (*Numenius phaeopus*)
March - October
- 6 Double-crested Cormorant (*Phalacrocorax auritus*)
January - December
- 7 Wandering Tattler (*Haematopus bachmani*)
April - October
- 8 Pacific Loon (*Gavia pacifica*)
March - December

- 9 Pelagic Cormorant (*Phalacrocorax pelagicus*)
January - December
- 10 Western Gull (*Larus occidentalis*)
April - December
- 11 Brandt's Cormorant (*Phalacrocorax penicillatus*)
March - November
- 12 Common Murre (*Uria aalge*)
January - December

- 13 Black Oystercatcher (*Tegula funebris*)
January - December
- 14 Pigeon Guillemot (*Cephus columba*)
April - August
- 15 Osprey (*Pandion haliaetus*)
January - November
- 16 California Gull (*Larus californicus*)
January - December

- 17 Brown Pelican (*Pelecanus occidentalis*)
March - November
- 18 Heermann's Gull (*Larus heermanni*)
June - November
- 19 Harbor Seal (*Phoca vitulina*)
January - December
- 20 California Sea Lion (*Zalophus californicus*)
January - December

Please do your part to minimize disturbance of birds and other wildlife:

- Leave resting and feeding birds alone
- Never let dogs or other pets chase or harass wildlife
- Always respect your surroundings

The California Coastal National Monument is a part of the Bureau of Land Management's National Landscape Conservation System. These Lost Coast Gateway partners are working together to help protect and provide for public enjoyment of this unique part of the California coastline. For more information, please contact the Bureau of Land Management at (707) 986-5400.



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Sanctuary Forest & Interpretive Programs

Stage of Network Development

- Active
- Evaluating

Managing the Network

- Leading the planning of interpretive hikes/lectures programs
- Management of reservations/information calls
- Coordinating with executive director for future programs



Sanctuary Forest
P.O. Box 166
Whitethorn, California, 95589



The Coast's Cultural History Hike



Rising Moon, Setting Sun Hike

Youth Alive: Outdoor Adventures



Paradise Royale Mountain Biking



Backpacking the Lost Coast Trail

Stage of Network Development

- Implementation Planning
- Active

Managing the Network

- Establish MOU
 - Backpacking
 - Mountain Biking
 - Day Hikes



Benefits of the Network

Present

- Develop interpretive displays (HSU)
 - Students receive experience
 - Minimal cost to BLM
- Develop educational curriculum (LCIA & HSU)
 - Students receive experience
 - Utilize experience of local educators
 - Community commitment
 - Revival of LCIA
- Interpret the CCNM (Gateway)
 - Community commitment
- Provide outdoor activities for youth (Youth Alive)
 - Youth are interested and care about the King Range/public lands/environment
- Provide interpretive programs for the community (SF)
 - Community stewardship of the King Range/public lands/environment

Future

- Deliver an array of environmental education programs for schools (LCIA)
- Evaluate education programs (HSU)
- Cooperatively manage and interpret CCNM (Gateway)
- Provide community workshops to promote sustainability (SF)
- Trained local youth will be stewards of the land (Youth Alive)

Evaluating Network Potential and Performance

	Evaluation Criteria	Comments
1	Advance strategic priorities of the agency	Revival of LCIA—King Range RMP
2	Leverages funding	Assistance Agreement, Youth Incentive Funding, grants
3	Demonstrates big-picture thinking	Education programs/curriculum—local community then expand
4	Demonstrates entrepreneurship	Interpretive displays and brochures. Environmental education curriculum. Interpretive and youth programs.
5	Management of formal agreements and contracts	LCIA-AA Youth Alive, CCNM Gateway—MOU
6	Demonstrates effective external and internal communication	Monthly meeting w/ LCIA, Youth Alive, CCNM Gateway, HSU
7	Demonstrates accountability	AA and MOUs are established
8	Potential as a network management model	Trying to establish LCIA and curriculum so it is a model.

Lessons Learned About Network Management

- Understand your partners and their organizational structure—abilities and limitations.
- Establish goals/objectives.
- Be patient!
- Establish assistance agreements when possible and if appropriate.
- Move forward with areas that work and are successful while working on more challenging areas.

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