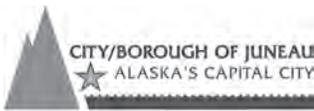


Exploring Biodiversity in Our Backyard

The clock starts ticking at noon on June 26, 2010 and stops at noon on June 27, 2010



This event is a partnership between the following organizations: **Alaska Coastal Rainforest Center**



Many thanks to community organizations: Alaska Nature Connection, Cooperative Extension 4-H, DIPAC, Discovery Southeast, Gastineau Guiding, Juneau Audubon, Juneau Economic Development Council, Juneau Urban Forestry Partnership, Sealaska Heritage Institute, and University of Alaska Southeast.

**All Survey Teams will meet in the staging area near the registration table.*

12:00

**Get Ready, Get Set...SURVEY TEAMS GO!****Aquatic Invertebrates****Fish** (Intertidal)**Fish** (Fish Creek)**Mammals** (set traps)**Terrestrial Invertebrates****Plants** (alpine)**Plants** (forest)**Plants** (shoreline)**Lichens****Amphibians**

1:00

Fungi

2:00

Birds**Dive Survey** (Marine Invertebrates, Outer Point)**Fish** (Cropley Lake - set traps)

2:30

Plants (alpine)**Plants** (forest)**Plants** (shoreline)**Aquatic Invertebrates****Terrestrial Invertebrates**

3:00

Lichens (2 groups)**Community Weed Pull** (Oxeye daisy)

6:00

Terrestrial Invertebrates**Fungi****Lichens** (Outer Point)**Invasive Species** (N. Douglas Hwy & Fish Creek Rd)

8:30

Terrestrial Invertebrates

10:00

Owls

10:30

Bats- Acoustic Survey (Fish Creek Estuary & Outer Point)

6:00

Lichens**Birds** (alpine survey - meet at top of Black Bear chairlift)**Invasive Species** (ski runs)**Marine Intertidal Invertebrates** (Outer Point)

7:00

Birds (3 groups)**Terrestrial Invertebrates****Mammals** (check traps)

8:00

Aquatic Invertebrates**Mammals** (check camera traps)**Fish** (Fish Creek)

9:00

Fungi**Fish** (check Cropley Lake traps)

9:30

Plants (muskeg)**Terrestrial Invertebrates**

11:30 Opening Ceremony, Outside Lodge, Upper Lot

12:00 & 2:30

Lodge Great Room

Aquatic Insect Ecology Slideshow Presentation

Mark Wipfli will give an introductory presentation about the ecology of local freshwater invertebrates before heading outside to explore the diversity of invertebrates in both stream and wetlands habitats. Mark is an associate professor at the University of Alaska Fairbanks and the Assistant Leader of the USGS Alaska Cooperative Fish and Wildlife Research Unit. All are welcome to the presentation, even if you're not joining his survey team.

12:30 & 1:30

Tent Area

Birds of the Night

Whooooooo do you think is wide awake in the woods in the middle of the night? Join Forest Service conservation educator Faith Duncan to explore the adaptations of night creatures, focusing on owls and other night raptors. Examine their eyes and eye shine, bones, and arrangement of feathers. Learn how adaptations make them silent and strong. Program is suitable for 4 to 8-year-olds and their parents.



12:30 - 4:30

Tent Area

Junior Naturalists Programs

5 to 13-year-olds and their parents are invited to visit the Junior Naturalist table, where Forest Service conservation educator Karen Maher will explain how to become a Tongass Junior Ranger, a Junior Birder, and/or a Junior Forest Ranger. Pick up a booklet for one Junior program or for all three, complete some of the activities at BioBlitz, and then finish the process on your own. Receive a patch for each Junior program you complete.

12:30 - 4:30

Tent Area

Dirt Made My Lunch ~ Down & Dirty with Worms

Join Beth Weigel and Piper Bartlett from Discovery Southeast and get down and dirty with worms! Learn about how worms break down your food to make soil and why they are important in your gardens. Let us show you how to compost in your own home and reduce waste with red wiggler worms. Sing songs, dig in the dirt, make worm finger puppets, and even bring home your own container of worms to start a home compost!



1:00 - 2:30

Tent Area & Trail

Educating, Counseling & Healing with Nature

Let nature be your teacher, counselor, and healer. Experience the benefits of a healthier life, stress relief, and mental and emotional wellness by learning to find and follow outdoor natural attractions through relationship with all creatures and natural systems. Carol Biggs of Alaska Nature Connection will be facilitating this outdoor experience.

1:00 - 2:30

Tent Area

Invader Alert, A GPS Adventure with 4-H Outdoor Skills Team

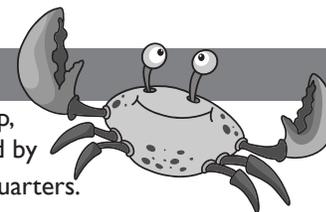
Join Dana White, Juneau Invasive Plant Coordinator, Alaska Association of Conservation Districts (AACD); and UAF- Cooperative Extension Service 4H leaders. Learn to identify common invasive plants, why we care, the basics of a G.P.S. unit, and volunteer to help pull a few weeds at Eagle Crest. (Limited enrollment – 12 teams)

1:00 - 4:30

Tent Area

Saltwater Touch Tanks

DIPAC will host several small saltwater touch tanks of local marine life that participants may discover close up, including various sea stars, sea cucumbers, sea urchins, mollusks, and crabs. Some specimens that are collected by participants on the intertidal surveys will also be made available for display and exploration at BioBlitz Headquarters.



1:30 - 4:00

Tent Area & Trail

Tree Trivia

The Juneau Urban Forestry Partnership will challenge children with a fun, interactive tree identification game. Take home a tree cookie!

2:00

Lodge Great Room

Photographing Aquatic Insects

Bob Armstrong will demonstrate the use of a relatively inexpensive supermacro lens for photographing insects. The lens is capable of taking full frame photographs of tiny insects only 1/16 of an inch long. Images will be projected on a large screen

2:00 & 3:30

Tent Area & Trail

Trees... Take a Closer Look

Join local botanists of the Juneau Urban Forestry Partnership for a leisurely walk to identify local trees and take a closer look at things growing and green.

2:30 & 3:30

Tent Area

Making Paper from Plants

Learn to make paper with natural plant fibers, including Japanese knotweed, an invasive plant in Southeast Alaska. Join Jane Terry, a Forest Service interpreter, for this hands-on activity that is good for children and adults.

TIME**LOCATION****DAILY EVENT SCHEDULE****Saturday, June 26****2:30 & 3:30****Tent Area****Nature Exposure through Photography**

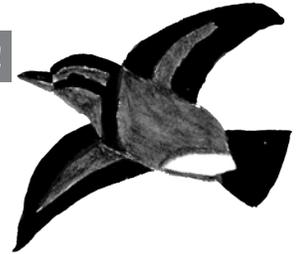
Join Cam Byrnes of Gastineau Guiding for an exploration of appreciating the world around us through photography. Be sure to bring your camera for this session.

3:00**Lodge Great Room****The Living Connection between Tlingit People and Their land**

Haa Aaní (Our Land) was the theme of Celebration 2010. Rico Worl from Sealaska Heritage Institute will discuss what Tlingit People mean when they say this word, starting with key concepts of the Tlingit world view to build a holistic picture, both spiritual and physical, of their relationship to the land in the most traditional sense and explain how it is applied in this modern world.

3:30**Lodge Great Room****A Bird's Eye View of Alaska's Intertidal Zone!**

Come "fly" along Alaska's coast with The Nature Conservancy and the Alaska ShoreZone Partnership. See Southeast Alaska's rich intertidal zone from the air, including kelp and eelgrass beds, sandy beaches, and estuaries. The Nature Conservancy staff will help you learn how to use the ShoreZone website and fly along the coast, download high resolution photos of the coast, and make GIS maps. Check it out under the big tent area if you happen to miss this presentation.

**4:00****Tent Area****Toads can predict earthquakes!**

Join UAS herpetologist Jennifer Moore as she presents amazing facts about our Alaskan amphibians.

4:30**Outside Lodge****BBQ begins & Fabulous Prizes**

Location is outside lodge in the upper parking lot.

5:00**Outside Lodge****Lda Kut Naax Sati' Yatx'i Dance Group**

Location is outside lodge in the upper parking lot.

9:30**Lodge Great Room****Bat Acoustic Monitoring Training**

Become a citizen scientist and help monitor Juneau's bats! Join Karen Blejwas, wildlife biologist with ADF&G's Wildlife Diversity Program to learn how bat detectors enable us to listen in on the echolocation signals bats use to locate and capture prey. This one-hour training is all you need to become a volunteer bat monitor and conduct your own survey. Then put your new skills into practice as we take the detectors to the Fish Creek estuary to survey for bats (survey to start at 10:30 pm).

TIME**LOCATION****DAILY EVENT SCHEDULE****Sunday, June 27****8:00****Lodge Great Room****Aquatic Insect Ecology Slideshow Presentation**

Mark Wipfli will give an introductory presentation about the ecology of local freshwater invertebrates before heading outside to explore the diversity of invertebrates in both stream and wetlands habitats. Mark is an associate professor at the University of Alaska Fairbanks and the Assistant Leader of USGS Alaska Cooperative Fish and Wildlife Research Unit. All are welcome to the presentation, even if you're not joining his survey team.

**8:00 & 9:00****Survey Meeting Area****Songbird Banding**

Join Forest Service Wildlife Technician and licensed bird bander Gwen Baluss to see songbirds close-up as they are caught in mist nets, fitted with lightweight tags, and safely released. Learn how this technique is used to investigate the lives of our local and migratory birds.

9:00**Lodge Great Room****Video: Subtidal Survey Footage**

Research Biologist, Kyle Hebert will share the underwater footage taken earlier in the morning from the Outer Point subtidal survey area as well as display some specimens found during the survey.

9:00 & 10:00**Tent Area****Wildlife Detectives**

Alright Sherlock, get ready to solve a mystery! Learn how to gather all the evidence you can and determine which animals have been around. Join Elayne Boyce from the Forest Service for this fun activity for children and their parents.

10:00**Tent Area****Press and Dry Plants and Flowers**

Join Forest Service regional botanist, Mary Stensvold, as she teaches how to press and dry plants and flowers.

12:00**Lodge Great Room****Presentation of Survey Results**