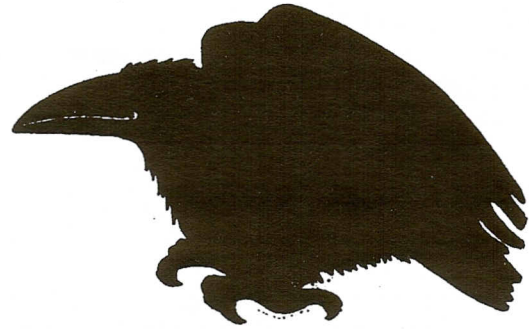


THE RAVEN



VOL27 N09

JUNEAU AUDUBON SOCIETY

MAY 2001

Juneau Audubon May Meeting

Thursday, May 11, 7:30 p.m., Dzantik'I Heeni Middle School Library (2nd Floor)

MIDWAY ISLAND

Linda Shaw, our Program Chair, and Bev Agler will present an exciting program on their recent trip to discover and observe the birds on Midway Island.

International Migratory Bird Day Program

Friday, May 11

7-9 p.m.

Mendenhall Glacier Visitor Center

Program

- Bird migration facts and photos with Juneau author Bob Armstrong, Juneau Audubon Society
- Songbird banding, breeding bird survey point counts, bird mist-netting equipment and slides with Gwen Baluss, U.S. Forest Service
- Live owl demonstration by Juneau Raptor Center

Refreshments and organic and shade-grown coffee will be served. Learn more about the connection between coffee farms and bird conservation.



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Spring Migration Bird Trips & Nature Walks

Bird walks last about two hours. Bring binoculars and/or spotting scope, bird guide, rubber boots (hiking shoes for Sheep Creek VaDey) and dress for weather. Please watch local media and May Raven for possible schedule changes and additional walks. For further information contact Judy at 789-9544 or upclose@alaska.net May 12

International Migratory Bird Day

May 11
8 a.m. Mendenhall Wetlands State Game Refuge from Radcliffe Road.
Leader: Nina Mollett

May 19
8 a.m. Mendenhall Wetlands State Game Refuge from Radcliffe Road.
Leader: Deborah Rudis

May 26
7 a.m. Sheep Creek. Meet at parking lot at Sheep Creek trailhead off Thane Rd.
Leader: Gus van Vliet

June 2
7 a.m. Mendenhall Moraine. Meet at parking lot by Moraine Loop Trail, near Glacier Visitor Center.
Leader: Paul Suchanek

CALENDAR OF EVENTS

University of Alaska Southeast summer session classes begin in mid May. Register on the Auke Lake campus or by phone. Class, registration and other details are in the Summer Class Schedule available on campus. Call 465-6457 to request a copy or ask any questions.

Following are some VAS summer classes:

Wilderness First Responder (PE 193) a four credit class offered May 10-19 from 8 a.m. to 6 p.m. This is an approved emergency care course for many guiding and outdoor education programs nationwide. The class provides tools to make critical medical and evacuation decisions in remote locations and covers basic anatomy and physiology, assessment of injuries and appropriate short-term care.

Harvest and Preparation of Basket Materials (ART 183) a half credit class meeting all day May 19 and 20. Students will learn methods of collecting, harvesting and preparing materials for basket making.

Northwest Coast Basketry (ART 282) a two credit class for all levels of experience meeting July 9-20 in the evenings and Saturday mornings taught by Delores Churchill.

Northwest Coast Carving: Tool Making (ART 285) a one credit class meeting June 22-24 in the evening on Friday and all day Saturday and Sunday to teach all levels of students the process for making traditional style NW Coast carving tools.

Drawing on the Right Side of the Brain (ART 293) a two credit class for all levels that introduces perceptual skills for realistic drawing and strategies for assessing right-brain mode. Meets all day June 9 -12, and half day June 13.

History of Alaska (IDST 341) a three credit course on the Russian background, acquisition, settlement and development of Alaska. Meets May 21 - June 15 from 11:30 a.m. to 2 p.m., Monday through Thursday.

Marine Open Lab (MT 193) a two credit course that helps students develop skills by working on self-selected projects. Meets Tuesday and Thursday evenings from 5 - 9 p.m.

More than 100 other summer courses are listed in the VAS summer class schedule.

PRESIDENT'S COLUMN By Steve Zimmerman

This is the last copy of the *Raven* you will receive until September. After our May meeting there will be no monthly meetings of the Juneau Audubon Society until the second Thursday in September. This does not mean that JAS will go to sleep for the summer. There are many issues that can profoundly affect our community that will be on the front burner this summer. These include the pending permit for the golf course on Douglas Island, the comments that will be due on area-wide transportation plan, and the EIS scoping meetings that will be held on the airport project. Just a few days ago I delivered a four-inch stack of Corps of Engineers dredge and fill permit applications to Chris Kent, our Conservation Chair.

Juneau Audubon Society is doing a great job on many fronts. We have a strong education program going, our fund raising efforts have been fruitful, and we have been meeting our goal of acting as a watchdog on local conservation issues. But we are an all-volunteer group. There are many conservation issues facing Southeast Alaska, and we need new people to step up and help with the work. We need to form working groups to deal with complex issues like the airport or the transportation plan. We also need to replace Linda Shaw who no longer has time to act as our Programs Chair and Judy Shuler who wishes to step down as our Field Trips Chair. I am hopeful that by making an appeal to the membership we will be able to find new people to work on conservation issues, fill the empty program chairs, and bring new spirit and energy into our many programs. Please call me at 586-2597 if you are interested in helping to shape the role that JAS will play in Juneau over the next few years.

Do we have anyone out there who would like to help design a web page for Juneau Audubon? Call Steve at the above number if you could help. Have a great summer.

Kenai Refuge Listed in National Audubon's "Refuges in Crisis" Report

John Schoen, Senior Scientist, Audubon Alaska

In December of 2000, National Audubon Society released a report called "Refuges in Crisis." This report describes threats to birds and other wildlife on ten national wildlife refuges. These threats are examples of the

kinds of problems facing many refuges across the country and include water pollution, habitat loss, limited water supplies, invasive species, and harmful public uses. The Refuge System also faces a backlog of \$1.6 billion in unmet operations and maintenance needs. This report (Web site: www.audubon.org) included Alaska's Kenai National Wildlife Refuge as one of their examples. This article summarizes some of the conservation challenges facing the Kenai Refuge.

First established by President Roosevelt in 1941 to preserve and maintain the Kenai's moose population, the Kenai Refuge represents a microcosm of Alaska. At 1.9 million acres, the Kenai Refuge provides valuable habitat for many mammals - Dall sheep and mountain goats, moose and caribou, black and brown bears, wolves, wolverine, lynx, and numerous small mammals. It is also important for Trumpeter Swans, Bald Eagles, over 140 species of other resident and migratory birds, and five species of anadromous salmon. In 1980, as part of the Alaska National Interest Lands Conservation Act, Congress directed the Fish and Wildlife Service to conserve the Kenai's fish and wildlife populations and habitats in their natural diversity, and to manage the area for its wildlife, wilderness, scientific, water quality, and recreational values. This clear conservation purpose and the refuge's size and central location on the peninsula makes it an anchor for conservation of the entire Kenai Peninsula ecosystem.

Of Alaska's 16 national wildlife refuges, only the Kenai and Tetlin refuges are accessible by road. Because of this access and its recreational value, the Kenai Refuge is the most heavily used refuge in Alaska. The conservation challenges on the peninsula, and the refuge, are many. For example, the Kenai Peninsula is one of Alaska's most developed and fastest growing regions. The human population has more than doubled in the last two decades. Only two hours by road to the largest city in Alaska, the Kenai Peninsula is the focal area for many of the state's outdoor recreationists and an important visitor destination for a growing tourism industry. Outdoor recreation, sport hunting and fishing, logging, mining, oil and gas development, land subdivision, and other developments are increasing throughout the Kenai Peninsula. The spruce bark beetle infestation and the call for extensive salvage logging (and road construction) further exacerbate these developments.

Several proposed developments on the Kenai Peninsula are of specific concern for conservation. The Southern Intertie Transmission Line, spearheaded by Chugach Electric Association, has been proposed, as a preferred alternative, to run through the Kenai Refuge across the Chickaloon Flats to Anchorage. This would fragment the northern portion of the refuge and could lead to additional developments through this important wildlife habitat. Other alternative routes would have much less impact on the integrity of the refuge.

One alternative of the Cooper Landing Highway Bypass project is proposed to route the Sterling highway north of Cooper Landing above Juneau Falls. This would lead to significant development in this sensitive wildlife area and may be routed through a corner of the refuge's designated wilderness. This area is an important brown bear feeding area and considered an ecological linkage area for wildlife moving north and south on the peninsula.

Unocal has recently proposed to develop two new natural gas fields on the Kenai National Wildlife Refuge in the Swanson River area. This project would result in the construction of new roads and pads significantly expanding the footprint of this development.

Preparation of environmental impact statements is scheduled to begin this year on all these projects. These large projects and expanding recreational, residential, and other developments across the Kenai will inevitably place more pressures on wildlife and their habitats. In addition, the Kenai Refuge is right in the middle of all this activity. Maintaining the ecological integrity of the peninsula depends on the refuge, but the refuge also is affected by activities beyond its borders.

The brown bear is a good indicator of ecosystem health. In 1998, the Alaska Department of Fish and Game (ADF&G) listed the Kenai brown as a population of special concern because the population is vulnerable to a significant decline due to low numbers, restricted distribution, dependence on limited habitat resources, or sensitivity to environmental disturbance. Last year in a proactive move to head off a conservation crisis, ADF&G coordinated a Kenai Brown Bear Stakeholder process that developed a conservation strategy for protecting brown bears and the ecosystem on which they depend. This was an important first step in looking at the big picture of Kenai conservation.

The Department of Natural Resources completed the Kenai Area Plan last year. The Chugach Forest is now in the final process of revising their forest plan. And revision of the Kenai Refuge Comprehensive Conservation Plan is due to start soon. The dedicated men and women who manage the Kenai Wildlife Refuge are doing an outstanding job to achieve their conservation mission. However, all of us who have a stake in conservation must also do our part. We have a responsibility to monitor the projects I have described above and provide agencies, like the Chugach Forest and Kenai Refuge, with our comments on how we want our public lands managed. Effective conservation of the Kenai Refuge will require ecosystem management, interagency cooperation, and eternal vigilance from an informed public.

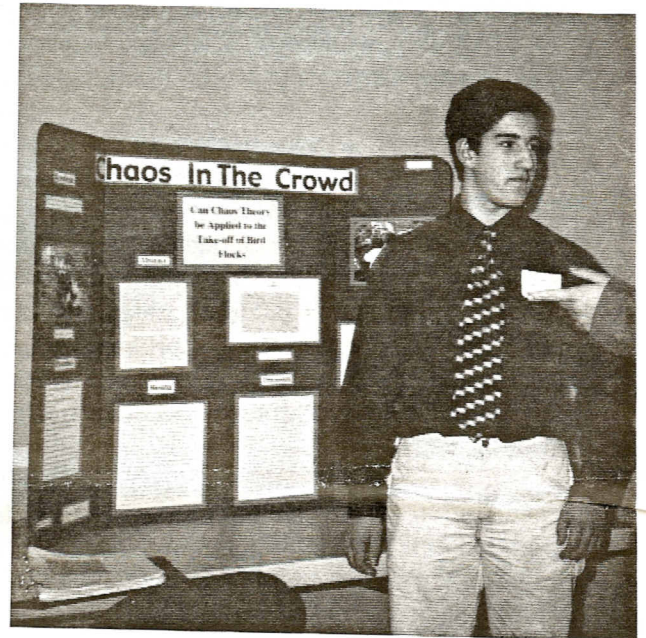
JUNEAU AUDUBON GIVES AWARD TO IDGH SCHOOL SCIENCE FAIR PARTICIPANT LEV TOBIAS

The Capital City High School Science Fair is organized and sponsored by volunteers from the scientific and engineering communities of Juneau, whose objectives for the Fair are:

1. To increase scientific understanding and interest in studying science;
2. To build community among Juneau's parents and students, professional scientists and engineers, and educators.

On Saturday morning, February 24, the Ninth Annual Capital City High School Science Fair hosted fifty-seven (57) individual projects and forty-six (46) team projects involving a total of one hundred sixty-one (161) students. The projects were evaluated by 96 of Juneau's professional scientists, engineers, architects, homemakers, and medical personnel.

Audubon special award was given to high school student Lev Tobias for the following project:



Chaos in the Crowd

Abstract

The purpose of this project was to see if chaos theory could be applied to the take-off pattern of bird flocks. The inspiration for this project was a study done by researchers at the University of Notre Dame on the applause of audiences in Central European theaters. Chaos theory was used to predict the pattern of clapping in crowded concert halls. In an attempt to determine the take-off pattern of bird flocks, a similar technique was used. After researching this topic, I hypothesized that the equation $X_{n+1} = ax_n(I - X_n)$ could be used to find patterns in simultaneous take-off of bird flocks. The equation determines the future value of the variable; X_{n+1} at time-step $n+1$ from the past value at time-step n .

In order to go through this process, it was necessary to gather footage of bird flock take-offs, enumerate the birds on the ground every ten frames, and compare that to the number of birds in the air. The data was not chaotic, so a differential equation was used to graph the data on a logistic curve. I found that there was a fairly distinct pattern. The pattern was nearly the same in all of the tests which suggests that there is a pattern to bird flock take-offs.

Conclusion

The data failed to support my hypothesis. However I was able to find a pattern in the simultaneous take-offs of bird flocks, so the project was successful. It is likely that it is possible to use the chaos theory to predict the pattern. However a different technique would most probably require graduate level calculus and advanced computer software, to which I had no access.

JUNEAU AUDUBON COMMENTS ON PROPOSED GREENS CREEK MINE EXPANSION OF DISPOSAL SITE

Mr. Eric Ouderkirk:

April 29, 2001

Thank you for including Juneau Audubon on your list of interested parties. The Juneau chapter of the National Audubon represents a diverse section of the community whose interest are for the continual health of habitats that support a wide variety of wildlife.

The Greens Creek Mine is proposing the expansion of the dry stack disposal site and the development of two new quarries and the expansion of Pit 5. The issues that we would like to see addressed in the Environmental Impact Statement (EIS), included: an improved reclamation plan that addresses the existing and additional quarries as well the dry tailings pond, additional science and a proposed plan to prevent any occurrence of "acid mine" drainage, a mitigation plan that includes replacement of lost wetlands and functioning habitat, and a improved water quality monitoring plan to assess performance standards.

Because this mine is located within Admiralty National Monument, we believe that performance standards and measures to protect the environment must go above and beyond the normal mining operations. We expect the Forest Service to ask more of the Greens Creek operation and expect Kennecott to do their best in the protection of this National Monument and its resources.

Reclamation Plan

The Green's Creek Mine Reclamation Plan must include steps to reclaim burrow pits and the dry tailings pond. Reclamation activities should be an ongoing process and part of a long-range plan. For example, the performance standard for the dry tailings pond should be to return this area to a functional equivalent with adjacent habitat. This means that regeneration of a forested area must include long-term selected clearing to assure that there is an uneven stand of forest that resembles old growth. We know that wildlife and recolonization of reclaimed areas are dependent on the presence of suitable habitat. Burrow pits and mineral extraction areas must be reclaimed as mitigation of ongoing activities.

Acid Mine Drainage

In light of the new information about the potential of acid mine drainage from the Green's Creek operations, there must be additional information and studies to determine the potential of this problem and to come up with a long-term plan to prevent this from ever happening. There may be an additional need for water quality monitoring to determine if acid mine drainage is occurring from existing tailing and mine operations.

Mitigation Plan

A mitigation plan should include off-site or on site habitat preservation, restoration or replacement. The Mitigation plan should account for the full acreage loss of functional habitat. We commonly see mitigation plans that cite best management practices as mitigation. We believe that mitigation should apply to restoration or replacement of habitat loss and not part of a best management operation plan.

Reclamation Bond

An expanded operation and disposal site must require additional performance bonding. The reclamation bond for the Greens Creek operation must be sufficient to cover the cost of environmental restoration and disposal of hazardous materials and contaminated soils.

Thank you for allow us to comment on the Kennecott Greens Creek Mine Tailings Disposal Site Environmental Impact Statement Scoping Document.

Yours truly,

Chris Kent
Juneau Audubon Conservation Chairman

U.S. ARMY CORPS OF ENGINEERS PERMITS

The Juneau Chapter of the Audubon Society publishes these permit notices as a service to its members and encourages participation in the public review process. For more information on individual permits or comments call 1-800-478-2712 (Anchorage permits office). For possible permit violations in Southeast Alaska, call the Juneau office at 790-4490. Send your comments to: Regulatory Branch (L 145b), P.O. Box 898, Anchorage, AK 99506-0898.

Even if the comment date has passed, you can still send your comments to the Division of Governmental Coordination. The State review period on 404 permits usually ends after the COE comment period closes (as a general rule you can add four days to the comment period). It is important that your concerns reference the Coastal Zone Management program (Section 307 (c)(3) of the Coastal Zone Management Act of 1972) and the State Coastal management program (Alaska Statute Title 46). You may also comment on the State's Water Quality Certification (Section 401 of the Clean Water Act). Consistency guidelines for the Alaska Coastal Management Program (ACMP) on natural resources and habitats can be found in 6 AAC 80.040 to 6 AAC 80.120 and Water Quality standards can be found in 18 AAC 70. Please contact the Division of Governmental Coordination or the Department of Environmental Conservation for more information about applicable laws and project comment deadlines.

Division of Governmental Coordination
P.O. Box 110030
Juneau, AK 99811-0300
(907) 465-3562

Department of Environmental Conservation
410 Willoughby Ave.
Juneau, AK 99801-1795
(907) 465-5260

For additional information on regulations and guidelines for fill and dredge activity in marine waters and wetlands see the following: Section 10 of Rivers and Harbors Act 1899 (33 U.S.c. . 403) - Placement of structures in waters of the United States; Section 404 and 404 (b) of the Clean Water Act (40 CFR 230) - Discharge of fill or dredged material into the waters of the United States; Section 103 Marine Protection, Research, and Sanctuaries Act of 1972 (33 U.S.c. . 1413) - Transport of dredge material for the purpose of dumping in marine waters. If you need help on commenting or technical assistance, you can call Chris Kent at 463-3494.

Whittier -- Passage Canal 34, (Reference Number 2-2001-0266) Applicant: City of Whittier. Location: Whittier shoreline between business area commonly referred to as the commercial triangle and the Alaska Marine Highway System Terminal. Proposal: The applicant proposes to dredge about 600 cubic yards of material from the slopes of the existing drainageway. Additional dredging would occur within the intertidal zone to enlarge the drainage area to 270-feet by 70-foot wide and 15-foot deep. The spoils would be placed on a upland site. Purpose: To fill in an existing drainage ditch located in a tidally influenced area to provide parking and space for small business expansion. No mitigation is planned. Comments due: *May 24, 2001*.

**Juneau -- Auke Bay 136, (Reference Number 2-2001-0152) Applicant: Auke Bay Enterprises. Location: The head of Auke Bay harbor. Proposal: The applicant proposes to place 1,633 cubic yards of fill into 0.14 acres of intertidal habitat (below mean high tide line) and fill another 0.03 acres of emergent wetland area above the high tide line. This area would be used as a parking lot (180-feet by 132-feet wide). The applicant will place 50 pilings below the mean high water line for the construction of a lodge, restaurant, and boat rental shop (8, 640 square feet). Purpose: The relocation of the Hot Bite Restaurant and kayak rental shop from the harbor area and the construction of a IS-unit fishing lodge. No mitigation is planned. Comments due: *April 22, 2001*.

**Juneau -- Hawk Inlet 1 (Reference Number N-880269) Applicant: Kennecott Green Creek Mining Company. Location: Hawk Inlet on north Admiralty Island. Proposal: The applicant proposes a modification to the permit number 2-880269 to enlarge the existing and permitted mine tailings impoundment structure by 1.282 million cubic yards of fill. This fill will impact 42.3 acres of waters, including wetlands. The proposed wetland impacts are 5.6 acres for construction of a pond, 3.6 acres for roadberms and containment, 10.9 acres for tails underdrain system, and 22.2 acres for reclamation storage area. Purpose: The purpose is to expand the dry tailings area for future operations. The expansion would increase the capacity to 5

million dry short tons. An environmental impact statement is currently in preparation for this action. Comments due: May 15, 2001.

Petersburg - Man Made Hole 1, (Reference Number M-991371) Applicant: U.S. Forest Service. Location: Milepost 20.1 Mitkof Highway. Proposal: The applicant proposes to construct a 0.25 mile hiking trail, 210 foot raised walkway, stream bank riprap for fisheries enhancement, four boardwalk turnpikes, closed vault toilet and three hiking bridges. Approximately 0.33 acres of wetlands would be filled. Purpose: To improve the Man Made Hole Picnic Area. No mitigation is planned. Comments due: May 17, 2001.

Petersburg - Wrangell Narrows 504, (Reference Number 4-2000-1069) Applicant: Mr. Fred File. Location: Milepost 4.39 Mitkof Highway, within City limits. Proposal: The applicant proposes to retain approximately 475 cubic yards of fill material in 0.2 acre offforested /muskeg wetlands. This area was filled to create a 425-foot by 20-foot driveway. Purpose: To improve access to applicant's lot. No mitigation is planned. Comments due: May 17, 2001.

Petersburg - Sumner Strait 110, (Reference Number 1-2001-0331) Applicant: U.S. Forest Service. Location: Within Totem Bay, adjacent to Kupreanof Island and approximately 28 miles southwest of Petersburg. Proposal: The applicant proposes to anchor a 32-foot by 85-foot floating barge camp and a 20-foot by 48-foot 2-segment float. Purpose: Provide a float camp housing for Forest Service personnel during administration of various land activities. No mitigation is planned. Comments due: May 16, 2001.

Sitka - Eastern Channel 21, (Reference Number 1-2001-0412) Applicant: Mel Hawkins Jr. Location: Twin Island, near Sitka. Proposal: The applicant proposes to construct a 40-foot by 10-foot extension to an existing 45-foot by 10-foot floating dock. The new section will be held in place by 3 pilings. Purpose: Provide dock space for a larger vessel. No mitigation is planned. Comments due: May 16, 2001.

Wrangell - Zimovia Strait 139, AFTER THE FACT (Reference Number 2-2000-1282) Applicant: Bruce E. Harding. Location: Just south of the Wrangell City boundary, off of the Zimovia Highway, Lot 18. Proposal: The applicant requests to retain, previous clearing, excavating and filling of 1.8 acres of wetlands. Purpose: To construct a single-family residence with detached garage. The applicant will be required to incorporate into the project mitigation for the loss of 1.8 acres. No specific mitigation plans have been formalized. Comments due: May 3, 2001.

Wrangell - Zimovia Strait 143, (Reference Number 2-2001-0180) Applicant: City of Wrangell. Location: Approximately 1.7 miles south of the city of Wrangell on Zimovia Highway. Proposal: The applicant requests to construct a lined aeration basin, sedimentation basin, new control building and miscellaneous appurtenances. The total project area is approximately 3.4 acres; approximately 2.4 acres of palustrine-forested wetland and several small intermittent streams will be filled with 6,000 cubic yards of fill. Purpose: To upgrade the City of Wrangell's wastewater treatment facility. Mitigation: The applicant will incorporate the following mitigation, construction of a vegetative drainage ditch to capture and divert surface water around the aeration basin, Installation of check dams within the drainage ditch to increase hydrologic holding time and decreased velocities, maintain an undisturbed riparian buffer on the small stream. Comments due: April 19, 2001.

Wrangell - Zimovia Strait 144, (Reference Number M-991371) Applicant: William B. Privett. Location: One-half mile west of Zimovia Highway, mile 13, Wrangell Island West Subdivision. Proposal: The applicant proposes to fill 0.22 acres of forested wetland with clean shot rock. This fill will create a road to the applicant's lot. Purpose: To provide access to applicant's property. No mitigation is planned. Comments due: May 10, 2001.

Port Alexander - Port Alexander 30, (Reference Number 1-2000-1265) Applicant: Gary Mulligan. Location: Within the Outer Harbor in Port Alexander. Proposal: The applicant proposes to retain an 13-foot wide by 30-foot long stool float that would be secured from each end with one approximately 60-foot long 2-inch diameter synthetic rope connected to a cement filled drum. Purpose: Provide a docking site for his skiffs, near his property. No mitigation is proposed. Comments due: March 14, 2001

Port Alexander - Port Alexander 31, (Reference Number 1-2000-1266) Applicant: Gary Mulligan. Location: Within the Back Lagoon in Port Alexander. Proposal: The applicant proposes to retain an airplane float consisting of one 12-foot wide by 10-foot long wood-decked log ramp connected to one 20-foot wide by 20-foot long wood-decked log float that would be secured from each end of the float with one approximately 60-foot long 2-inch diameter synthetic rope connected to a 5-inch length of 1/2-inch diameter steel chain, anchored to a cement filled 55-gallon drum. Purpose: Provide mooring for airplane. No mitigation is proposed. Comments due: March 14, 2001

Port Alexander - Port Alexander 32, (Reference Number 1-2001-0258) Applicant: William and Jennifer Patrick. Location: Within the Back Lagoon in Port Alexander. Proposal: The applicant proposes to permanently moor a 68-foot by 24-foot barge. Purpose: To house a sawmill operation. No mitigation is proposed. Comments due: April 20, 2001

Ketchikan - Clarence Strait 90, (Reference Number M-1996-0875) Applicant: Peter Rice. Location: Meyers Chuck. Proposal: The applicant proposes to install a refurbished 36-foot wide by 70-foot long float, a 5-foot wide by 50-foot long aluminum ramp adjacent to a previously permitted fill site. Purpose: To provide access and moorage. No mitigation is planned. Comments due: April 21, 2001.

Ketchikan - Tongass Narrows 397, (Reference Number X-1983-0235) Applicant: DuRette Construction Co. Inc. Location: North Tongass Highway, 5.5 miles north of Ketchikan. Proposal: The applicant proposes to develop a commercial boat dock with concrete floats and fingers, concrete pier, walkway ramp, steel piling, and retaining wall. The mooring dock would measure 280-feet long by 12-feet wide. The access walkway ramp would measure 60-foot long by 6-feet wide. The concrete float would measure 20-feet long by 12-foot wide. The concrete pier would measure 24-foot long by 10-foot wide. Ramp dimensions below high tide would be 140 foot long by 90-feet wide. Rock wall to the ramp would be 170-foot long by 25-foot wide. Approximately 0.20 acres of intertidal habitat would be filled. Purpose: Provide mooring space for commercial boats and an upland staging area. No mitigation is proposed. Comments due: May 15, 2001

Ketchikan - Tongass Narrows 519, (Reference Number M-1995-0328) Applicant: U.S. Coast Guard. Location: One mile south of Ketchikan along South Tongass Highway. Proposal: The applicant proposes to clear 5,500 square feet of vegetation and muskeg, excavate and fill to construct a 1,680 square foot commercial building, install an on-site wastewater system and a potable water tank. Approximately 0.13 acres of wetlands will be lost. Purpose: To provide shore support building. No mitigation is proposed. Comments due: April 26, 2001.

Ketchikan - Tongass Narrows 525, AFTER - THE - FACT (Reference Number 4-2000-0307) Applicant: Alaska Department of Transportation and Public Facilities. Location: Gravina Island near the Ketchikan International Airport. Proposal: The applicant proposes to retain the discharge of native materials including the filling and diversion of a small stream, and land clearing on approximately 12 acres of mixed forested scrub/shrub and emergent wetlands. Purpose: To expand the operations at the airport. Mitigation: 1. Fill material was removed from the stream and the site restored. 2. ADOT&PF has contracted to have a jurisdictional determination conducted which identifies wetlands and other waters of the United States on airport lands. 3. An After-the-Fact application was prepared. Comments due: April 21, 2001

Ketchikan - Tongass Narrows 531, (Reference Number 2-2001-0160) Applicant: Rosemary Crowder. Location: Approximately 4.5 mile North Tongass Highway. Proposal: The applicant proposes to construct a rip rap wall and fill behind it with 500 cubic yards of rock, install seventeen 10-foot by 8-foot wide floats, a 9-foot by 9-foot deck and a 4-foot by 50-foot long aluminum access ramp. The deck will be sitting on I-beams located on the fill. 2,000-square foot of area will be filled in from High tide line to the Mean High Water, and 3,000 square feet will be filled in waterward from mean high water. A total of 0.12 acre of intertidal habitat will be filled and another 0.02 acres adjacent shore would be filled and another 0.09 acres of upland area will be impacted. Purpose: To provide parking a storage space. No mitigation is proposed. Comments due: May 11, 2001

Ketchikan - Tongass Narrows 538, AFTER THE FACT (Reference Number 4-2001-0220) Applicant: Karl Powers. Location: Lots 13, 15, and 16, 12452 North Tongass Highway (12.4 miles north of Ketchikan). Proposal: The applicant proposes to retain existing housepad, parking area, lawn, terraced garden area built on 0.44 acres of wetlands. Another 0.17 acres of wetlands would be filled to construct a 16-foot wide by 400-foot long driveway. Mitigation: The applicant has not proposed any mitigation for the loss of aquatic environment. Purpose: Provide a house site and access road. No mitigation is proposed. Comments due: May 11, 2001

Ketchikan - Deep Bay 8, (Reference Number 2-2001-0413) Applicant: James Benson. Location: Approximately 20 miles north of Ketchikan at Deep Bay. Proposal: The applicant proposes to relocate an existing 10-foot by 45-foot wood float with foam billets about 10 feet eastward. The applicant also requests an additional 4-foot by 130-foot access ramp that would be attached to a 33-foot by 10-foot rock filled ramp. Purpose: Provide float access to a private residence. No mitigation is proposed. Comments due: May 17, 2001

Ketchikan - Ward Cove 33, (Reference Number 2-2001-0319) Applicant: Rick Bradley. Location: Head of Ward Cove Bradley Float Plane Haulout. Proposal: The applicant proposes to construct a haul-out ramp that will impact 2,660 square

feet of intertidal habitat. The applicant will discharge 294 cubic yards of fill to construct a ramp starting at 5.8 below high tide line and proceed 50-feet landward. The ramp will be constructed with 32 8-inch by 16-inch by 16-foot concrete planks. Purpose: To provide haulout for private planes. No mitigation is proposed. Comments due: **May 16, 2001**

Ketchikan - Vallenar Bay 1, (Reference Number 1-2000-1352) Applicant: Eugene A. Frank. Location: Northwest side of Gravina Island. Proposal: The applicant proposes to install 20 creosote or steel pilings, install 12 floats sections 5-foot by 28-foot for the pier, install a 12-foot by 24-foot floating dock that will be attached to the pier. The concrete abutment will be 350-feet long. In addition to the pier and dock, the applicant will moor two breakwaters consisting of 20-inch by 65-foot long boomsticks that will be anchored at both ends to a permanent 3-foot diameter steel-mooring buoy. The float sections will rest on the substrate during low tide. Purpose: Provide access to a private residence. No mitigation is proposed. Comments due: **May 17, 2001**

Prince of Wales - Klawock Inlet 126, (Reference Number 4-2001-0324) Applicant: Alaska Pacific Logging Inc. Location: East side of Tract E, Mary Jackson Subdivision, corner of K Street and Klawock-Hollis Highway, in Klawock. Proposal: The applicant proposes to fill 4,500 (0.95 acres) of wetlands with fill. The applicant will re-route an intermittent drainage to the roadside ditch along K Street. Purpose: Construction of a lodge and recreational vehicle park. Mitigation: will avoid a perennial drainage on the west side of the tract, by allowing a 200 foot buffer. Comments due: **May 24, 2001**

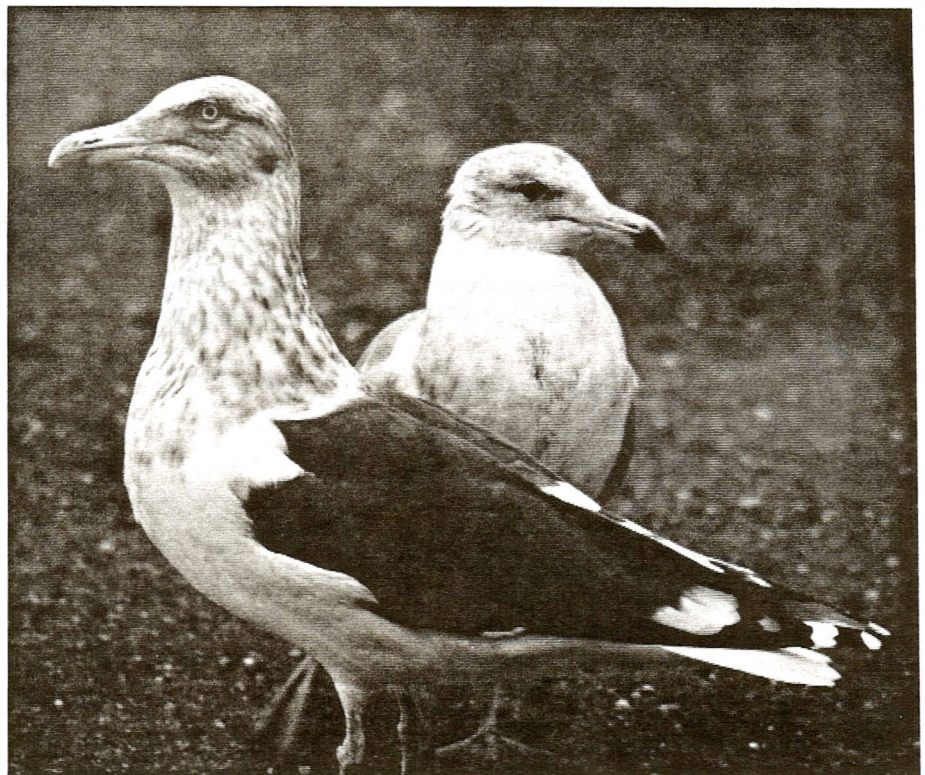
Prince of Wales - Naukati Bay 4, (Reference Number 1-2000-1354) Applicant: Matthew Peavey. Location: One-mile southeast of Naukati Village. Proposal: The applicant proposes to install a 75-foot by 12-foot pier attached to 12-piles. A pier would be built on shore with an access ramp to the floatdock. The pier will impact 0.01 acres of intertidal habitat. Purpose: Boat moorage and access to upland. No mitigation is proposed. Comments due: **April 21, 2001**

Prince of Wales - Naukati Bay 5, (Reference Number 1-2001-0221) Applicant: Southeast Island School District. Location: Naukati Bay. Proposal: The applicant proposes to retain a 70-foot by 60-foot floating dock connected to shore by a 4-foot by 60-foot stiff leg. Purpose: To provide gymnasium facilities to the elementary school and the community. No mitigation is proposed. Comments due: **May 8, 2001**

Prince of Wales - Tokeen Bay 5, (Reference Number 1-2001-0296) Applicant: Philip Roth. Location: Tokeen Subdivision, 9 miles northeast of Edna Bay, Alaska. Proposal: The applicant proposes to construct a 20-foot wide by 30-foot long log float attached to three pilings and a 30-foot long by 5-foot wide ramp. Purpose: To provide moorage a private boat. No mitigation is proposed. Comments due: **May 3, 2001**

** These projects, in our opinion, have the potential to impact areas of public interest. If you have site specific information that would help agencies in determining impacts and what if any mitigation is needed, please contact the agencies listed above.

Thanks to David W. Sonneborn for sharing this great photo of the, rare to Alaska, Asiatic Slaty-backed Gull. It spent a part of the winter in the area along the road to Costco.



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