

Bee Estate, Humphrey Head, Lopez Island, San Juan Co., Wa.
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 Aug. 24, 1992

Anna's hummingbird at flowers on porch of Bee House at 2:25 P.M.

Aug. 25, 1992

Sunrise 6:40:25



Left Lopez Island 11:05 AM with Dunkhapt & Hackney in their 42 Grand Banks for Lucia Island via E channel of Orcas, thru Peavine Pass. Birds and mammals observed: 3 common murre, groups of 2, 8, 9, 1 common murre, 7 rhinoceros auklets, 2 marbled murrelets, 1 glaucous-winged gull. Peavine Pass. 2 glaucous-winged gulls, 24 glaucous-winged gulls and 5 Heermann gulls, 2 cormorants, 8 rhinoceros auklets, 4 common murre all in one group. 12 common terns. Vae Bay, 23 Bonaparte gulls, 4 terns (common), 9 Bonaparte gulls, 9 Bonaparte gulls. Off main rip-tide point. Group 12 glaucous-winged gulls, 6 mew gulls, 11 Bonaparte gulls in one group but no alcids. 2 harbor seal. 3 common murre, 6 double-crested cormorant. One group 380 glaucous-winged gulls, 19 mew gulls, 120 Bonaparte gulls, 37 Heermann gulls, 4 common murre, 30 common murre, 12 Thayer gulls. Arrived Echo mouage 12:50 P.M. on 1 1/2" trip for the 18 nautical mile trip or 6.8 M.P.H.

at entrance to Echo Bay 160 glaucous-winged gulls on point. 2 bay observed: 1 glaucous-winged gull, 2 pigeon guillemot, mew gull, Bonaparte gull, marbled murrelet, cormorant, 2 harbor seal. Two harbor seal 50' apart jumped straight up 3/4 body length and splashed back on water which I had never observed before.

Aug. 26, 1992

Followed trails to W to Fossil Bay and return. Forests more extensive than appear from bay. Collected one unionid, on beach in Echo Bay, Lucia Island, San Juan Co. Wa. Number 920826-1. Islands are made of deformed sandstone and shoreline eroded as a distinct wave cut line. ~~_____~~ without evidence of water level fluctuation. These shoreline are exceptional and should be photographed for rock configuration and surface character from smooth to honeycombed. The sponges, stars are mainly ochre stars and 98 per cent purple. Sunflower stars and several other species in area.

Left Lucia 11:15 A.M., thence W side Orcas, Deer Harbor & home.