

of small creek into lake.

Megascops. alen caurinus. One bird.

Turdus migratorius caurinus. Few.

Certhia familiaris occidentalis. One bird at upper reaches of lake.

Chordeiles. minor hesperis. One bird active as sun set behind western horizon.

Collected the following.

(1-7-19-42) Bufo; (2-7-19-42) Frog and (3-7-19-42) Salamander from Spirit Lake.

4-7-26-42

Nellie Vaughan and I made the Mt St Helens ascent today. Approached the area from Spirit Lake on north exposure. Followed essentially the route as outlined and planned one week ago while camping on Spirit Lake. Left base of mountain at approximately 10:30 A.M. and arrived at top at 5:00 P.M. Left top at 6:00 P.M. and made full descent in 2 hours, arriving at base of mountain at 8:00 P.M. Day clear but clouds of one zone of the thunderhead-cumulus type collecting shortly after leaving on ascent. Ideal weather and temperature entire route! Timberland at base of mountain proper, with a distinct gradation of timber up to this point. The intensity and growth of conifer stands indicative of the soil conditions, probably representing the influence of glacial outwash and erosion proper. Canyon on north exposure leading up to the dog-head has supported a sizeable glacier at one time with lateral moraine deposits upon the sides of the canyon. Entire superficial surface of a rather unstable nature with a predominance of volcanic pumice or light white fragmental deposits. We found this pumice to float upon the surface of water. Its distribution so far to the north would cause one to wonder about its mode of transportation, whether carried by water, glaciers, or blown by violent eruptions. One extremely interesting and beautifully exposed basal lateral eruption is to be found at what is known as the dog-head. As the glacial canyon has eroded to one side of it, make for an ideal cross section with successive flows radiating from the main column. The white pumice accumulation is of a more recent nature being superficially placed in position. Several solid flows indicate its