

880620-1531
This bog has been given temporary name. of ^{Purity Bog} and ^{has} been
significance in that the water that enters this area ^{has} been
purified so to speak by being sieved through the rock flow field
intercepting its course from its source above. It is a boggy
and meadow section of the stream course that has been confined
between two parallel aspen covered hillsides. The valley proper
is about 180' wide with the stream side swamps & growth occupying
the limited area between hillsides. At the extreme upper end
of this bog is found a spring that forms wet marsh land on
some order as bog below but lack the willow trees. As soon
as it enters the main stream that enters from the N.W. section. it
becomes associated with the willows and higher grasses. This time
of year the main stream appears to me to be higher than normal
and accounts for the overflow and supersaturation beyond its
channel. Below the convergence of the spring marsh and the
main creek the grade is increased and the willow tree become
dominant along the stream edge. The grasses and sedges
growing among willow and along sides are about 1 or 1 1/2 foot
high and occurring in a type of soil that allows one to sink
ankle deep and even knee deep in certain places. On the south
side of bog there is a secondary wet area parallel to main
stream but intercepted by willow growth. On the north side at
lower end there forms a larger swamp with high sedge. To the
north of this larger swamp is a border of supersaturated ground on
a steeper slope that is supported by springs from the hillside.
Some sections of this spring area allow one to spring up and down
as if pumping on a spring bed. This part of bog had good
microtis signs and had network of trails & runways. Also the
secondary wet land on south side of bog had many runways
and microtis signs. Nearly all traps were placed in sedges
and grasses on peripheral edges in very wet situations.
After wading in cold water and wet grass for an hour was
ready to leave and was back to camp in short time.

At Camp. 8:45 First small bat in air and seemed to be flying
in nearly straight course with some destination in mind.
10:30 P.M. Temperature +5° F, no wind, skies clear, bats calling
frequently in air. Bed.

* Station 3. 6/21/38 Sleep Creek.

This morning skies with beautiful white clouds, slight wind, Temp 51° F
at 7:00 A.M. and looks like a nice clear day ahead. Breakfast and
on way down to Purity Bog to inspect traps.

Trap line returns.

1. In wet area below Sleep Creek Lake. Last mite I exposed a microtis
nest and found one young one about 1/2 as large as normal sized
adult so set trap near near but found unoccupied this morning.
Passed rock flow field and when at edge of Purity Bog I stopped
at edge of aspen along side of stream to observe a marmot feeding
across bog in the open dry meadow at upper end. It was feeding
among the dandelions and short weeds in center of field. Every
8 or 10 seconds it would either lift head above short sedges and