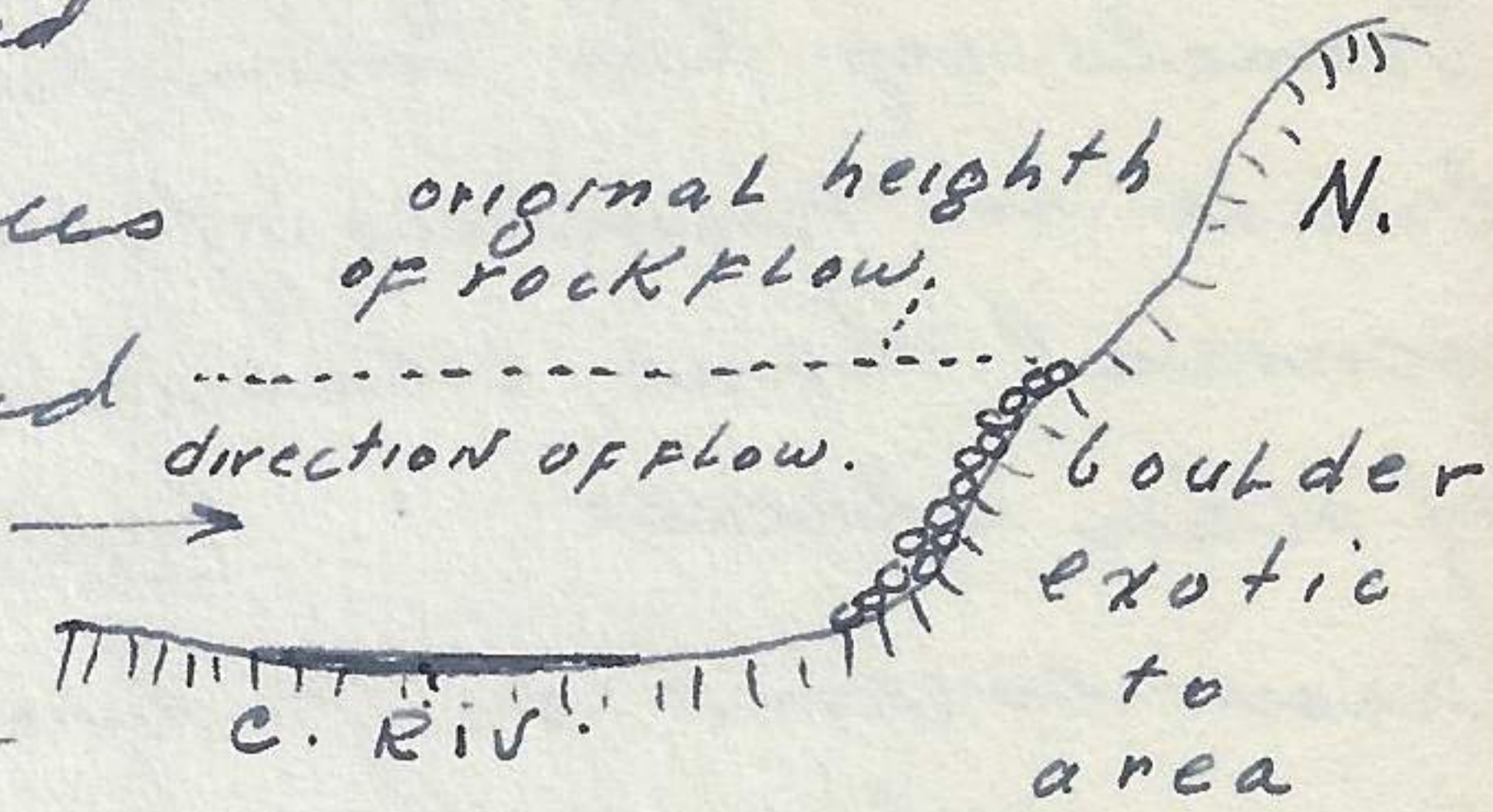


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the rock squirrel, lizards and grasshoppers at ^{white Salmon,} pushing
in, of course from the dryer areas of the east area. Certainly this
area around white Salmon would be an interesting area to collect
to establish gradational forms. At point directly north from
the mouth of Hood River found an accumulation
of large boulders on the hillside several hundred
feet high indicating that at one time glacial (?) forces
dammed the Columbia river at this point and
since then the river have eroded the present S.
channel thru this debris but has left the re-
sidual boulders intact on the mountain side. Certain erosional
levels and, ^{elevated} shoreline up Columbia river bear out the existence of
such a river block at one time in the past. The strata resistant
levels are the more conspicuous feature of the canyon walls but if
one looks carefully he will find elevated shoreline high on canyon
walls, particularly on north side just down canyon from the Dalles.
at Celilo falls find the river channel to conform to fracture pattern
of rock. Some channels flow in straight course. Beautiful boulder
(river worn) accumulation directly below falls area due to increase
carry capacity of waters. Indians fishing in more modern way with
platforms, nets, trolley cars etc. About 40 Indians were catching
on the average a fish per 35 seconds. Salmon weighing 45-50 lbs
and 45" long. Significance of seeing this manner of fishing
insignificant compared to what it could be if they had to resort to
fishing with spears or simple net traps. If the old custom
could be reestablished it would be one of the tourist attractions
of the N. West. Bird life congregated above falls and represented.
Gulls, brewer blackbirds, G. Blue Heron and R. breasted Merganser.
Fewer ducks on river as compared to area at Weesser along Snake
river. Near Bonneville Dam observed flocks of Band-tail Pigeon
averaging 30 birds. One flock of 40 birds. These pigeon look more
like a grouse than a pigeon when in tree to one who has only
had the opportunity of observing the normal size mourning dove.



9/14/41

Trip to Yakima and return via north side Columbia river to Maryhill,
hence to Goldendale, hence to Yakima. Left Vancouver 7:00 A.M.
arrived Yakima 12:00 A.M., left 1:00 P.M. arrived Vancouver 8:30 P.M.
400 mile round trip. Mary Lou Evans at Hospital as Laboratory
Technician having been there 2 weeks. Day threatening with
occasional rains. Strong winds in Yakima country. Flocks of