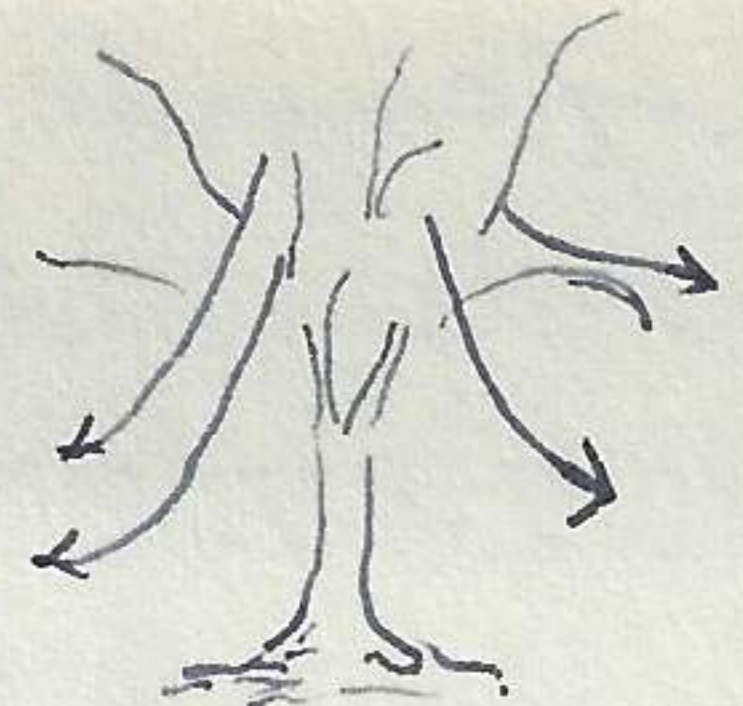


approx. 410914-118 Cedrorum in tree at Camas. Due to some unknown <sup>Bombylella</sup> cause they dispersed in all directions as if motivated by a single impulse. Cause unknown. They left tree in a fast downward dive. An emphasized call was given simultaneously with dispersion. They reassembled except a few that continued to fly to the west. As one travels up the Columbia river from Vancouver he finds a gradual increase in numbers of these birds and in their flocking tendencies. In general have observed an increase in frequency of migrating birds of other species.



Cathartes aura septentrionalis near Beacon Rock. Crows evident in Yakima in small groups. One flock of 40 birds. at Camas found a south migration of Choctura vauki (?) at about 150' high and the width of Camas City. They called frequently. Their speed is not exactly like white throated swift. Met Rock Squirrel again for first appearance at white Salmon. Buck blacktail deer at Duncan Cr. west of Bonneville Dam. Forests between Goldendale and Yakima of Ponderosa Pine and Douglas Fir. Few aspen, cottonwood and willow along river and creek courses. Manzanita occasionally under Ponderosa Pine, as similar association as is found in southern Utah. Grass dominant and plays important role. Valley of Yakima broad and flat. River meanders and passes thru V cut ridges gorges. Met one man who claimed that the second year Pseudotsuga mucronata can be differentiated from the second year tree of the same species that is found in the Cascades. Seeds increase as one travels east of white Salmon. When one get off to one side or rather of the Columbia River Gorge he does not realize that a deep canyon exists. An old logger working in area between Mt. Adams and Mt. St. Helens claims that there are only six grizzly bears left in that area. Season early with pear picking 1 week early. Everyone seems to predict an early fall and winter.

9/16/41

Norman R. Rochester of Vancouver reports that this is the first year that his father-in-law has ever been troubled with super-saturated soils in his orchard.

9/17/41

This evening made my acquaintance with a young fellow, a Nelson Vaughan, who is destined to be a first class ornithologist and naturalist. His keenness for details, ability to realize and retain visual pattern, as well as his likeable personality will allow him to progress beyond the ordinary in field work and research. Nelson, preferring to be called Nellie, lives at P.O. Box 208 - 2705 Q Street, Vancouver, Wash.