

370317-10
by cold looking mist cloud hovering along the mountain side. Line of cloud even with Y symbol on mountain. Favorable looking weather in site. In the afternoon accompanied Dr. Vasco M. Tanner to State and Federal fish hatchery at Springville. They informed us the following: 75% of fish saved in rearing ponds; 6% survive in natural streams. The native trout used to migrate into the Uintahs to spawn, then returning to Utah Lake again. Each rainbow trout produces 1,500 eggs. Eggs hatch in 30 days at 50°F. Eyes form at 17 days and are ready to ship. Average life of rainbow is 8 years. The first food given after disappearance of the yolk sac is ground beef liver and heart. Nearly all eggs hatched on our visitation. He states that gulls destroyed first nesting eggs of pheasant in 1936. We then visited the Federal hatchery. The most interesting feature was the bass in the outdoor rearing ponds. These bass were the first ones observed in many a moon. Every thing looked natural with clear water, mossy covered bottoms, bordering stands of cattails but oh! the whole thing was confined within the limits of concrete walls. A thrilling site, alright, but lacking the significance of presenting the bass in their natural environment. But after all these ponds were used for rearing fish.

3-18-37

Stormy weather continued today. Black clouds in west but skimming on east mountains. Started to school in morning with my heart atune with the spring atmosphere only to find that at noon I had to face a heavy snow storm. It began to snow following a rain shower at about 10 A.M. and continued to 2: P.M. Also had a shower early this morning. Snowed 2" & remained on the ground during the day. Toward evening experienced a cold north wind which no doubt made it inconvenient for the bird life.

3-19-37

Perfect weather today. Very few clouds and moderately warm. Quite a change from our wind storm of last nite. No doubt the wind blew the storm clouds beyond. Most of the snow is now gone except on north sides of buildings. Snow on mountains remaining all day. Cold this evening.

3-19-37

The *Thamnophis* taken March 14 were observed in copulation in the Reptile House at the University. Calif Gulls flying over field and City for first time this spring

3-20-37

Fair today. High mist continued thruout day obscuring most of the ramp from the sun. Beautiful sunset. Snow that fell on the 18th now gone and south ridges bare up to maple flat level.