

and then sagebrush slopes. Lodgepole pine and other pines surrounding the savannas. This same platform or valley has a hummocky physiography in some parts covered with soil from outwash plain and covered with larger rocks. 76477.9 Obsidian Point forms obstruction for broad flat valley above. Obsidian black & shiny. Meadows all in brownish and yellow grasses with a few conifers standing in the middle. One large lake held back by beaver dam grown to vegetation. Approx. 10 ducks on lake. meadows and vegetation choked streams all along. One lake with severe burn on mountain side. Creeks filled with a bright greenish-yellow grass or moss and only a fraction of creek in running water. Water is greenish. ~~76481.7~~ 76481.7 North Twin Lake, formed by travertine from mountain slope by thermal activity ^{leaking off the} at mouth of canyon. Trees have roots surrounded by an ashy like material. So far no road kills. One lake filled with cattails instead of grasses and darker green than other meadows. Had not observed ducks in these lakes but they undoubtedly use them. Water in lakes a greenish brown and are generally shallow. 76489.2 photo 770817-4 of *Cervus canadensis*. Elk tracks all thru the area. Seems to be feeding on grass. 2:30 P.M. meadows have good meanders bordered by yellowish green grasses. Some lodgepole stands show burnt trunks at base. 76500.0 thermal springs producing a large alluvial fan of precipitated rock. At Gibbon Falls noted 5 Clark Crows, 5 ground squirrels and two chipmunks. 76502.2 Firehole Falls in photo ~~76~~ 770817-5, 4 Clark Crows, 2 *Eutamias minimus* and 3 *Spermophilus* here. 76503.6 raven along Firehole River. 76507.6 raven. now going thru a broad grassy meadow with thermal activity to the S. and one can see how these springs put out broad accumulations of precipitated minerals. 76509.4 at Fountain Point Pot. noted 8 sandhill cranes to the west, ^{of thermal activity} and 20 Canada geese just S of thermal activity. 76511.5 photo no 770817-6 of brown and ^{green (nearest H₂O)} yellow algae along edge of stream that enters the main river. ^{hot water} 770817-7 partition slope, 770817-8 yellowish-green algae from flowing spring. 76515.3 raven. 76517. Basin this side of Old Faithful photo 770817-9 of geyser that shoots out over the river. Also 770817-10 of boiling water of one geyser and 770817-11 of deep quiet pool showing color change with depth. ^{30 ft geyser & 15 red wings at Old Faithful} Continued to Old Faithful and took 2 photos 770817-12 and 770817-13 of this geyser at an early and late stage of activity. This area is completely out of control. They now have a partial clover leaf in highway. I predict that the time will come when all this artificial influence will be eliminated from the park. Continued to West Thumb, thence north to Fishing Bridge where we camped along river just N of the