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many other trees and bushes had lost their leaves, covering the trail surface. Sorbus most beautiful with intense yellow and reds and oranges. Piceocarpus losing leaves and very red, many of these too have lost their intense color. Chokecherry affected now being yellow. Kinnickinnick red and yellow and losing leaves. Willows dark yellow brown and near lifeless but few still lingering a green. One can see among the confines of the brushy hillside where a week ago the live leaves obscured vision or visibility. Standing at Badger flat below and looking back toward Cirque one finds now a dull, lifeless coloring as compared to the intense brilliant coloring of last week. However a few late and persistent yellows of the aspens remain. The aspens are the last to change and are now the one giving the hillside their remaining color. The transformation of the aspen leaves from normal green, to yellow, to golden brown takes about 8 days.

The maples low in American Fork Canyons and on the face of the Wasatch are the first to turn a most brilliant and fiery red, even a month before the vegetation begins to turn at higher elevation. Generally speaking these reds of the maples are found low in transition zones and are seldom found in the Canadian and particularly the upper Canadian. The maples in the Canadian zone are the first to turn of any of the flora but they do not possess the intensity of color that the lower Acers do. Maple in high zones are first a brilliant yellowish red, then to a lifeless yellow to a white and finally leaving tree. In most cases symphoricarpos leaved. The vegetation among aspen stands between Badger flat & Ranger station dead except a few grasses with Berberis repens showing through a dead vegetation that last week concealed it. Aspen on mill peak one day beyond intense yellow stage. The aspens on elevated flat above Badger flat where snow track has affected aspen is found a localized spot of peculiarly color redish aspen leaves. Arrived at Ranger station and had birthday dinner with them. After we drove down to Travo via N. Fork. Noticed another red aspen coloring phase in willow creek. At divide found bracken ferns white and as we descent, ^{to aspen zone} the ferns changed gradually from the dead white color to a green fern which was much alive. The sheep had just recently combed this area and left the mudderhead skeletons & brush high water lined. Oak at aspen