


are soft and are eroded by large mammal ~~such~~ as deer
algae are frequently associated. Many of the slippages
are from deep muds deposited on slopes in high water, but
most of them are the unconsolidated native soils.

It would be of significance to study the log jams,
especially those that remain in same area from year to
year and treat them as a special ecological community.
The log jams must certainly effect aquatic organism and
I would judge, some terrestrial forms. ~~such~~ as wrens.

The sycamores are the best adjusted trees and are
some of the largest trees on the lower levels. Their root
systems are well suited for supporting the trees. I would
judge that many of them are white they are because of
soil creep, bringing them down to lower levels. Big
Cottonwoods are mainly on upper level or valley level.
many of the trees that have been uprooted or bent are
trees (maples, hackberry, elm) that have green leaves and
are still being nursed or drying leaves and must have
been displaced by floods of August.

Before leaving made one observation that small holes
and channels  are extensive and generally
oriented in direction of stream flow. Also that in
portage, ^(pulling) canoes over log jams and in pulling them out of
bank, they will completely turn over.

As hazy skies and clouds were interfering with
photography, left peracy channel and returned to east.
and left Wakarusa bridge (first one below Elk Creek) at
5:18, mileage 80.4. well keep complete census. Cardinal
a 2 redbellied woodpeckers at bridge. well follow valley
road. 80.9 Turkey vulture on limb of dead tree on top ridge
to S. a marsh hawk circled over field like a redtail.
It had a mouse in talons and after circling flew S to top of
ridge or beyond. 2 crows. 81.1 Shrike left top of dead
tree & flew to top of another dead tree. First flight after leaving
a post is with fast vibrating of wings. 81.3 now to E at river
edge. Chickadee. 8 crows in field to SE. 82.9 bridge over
Wakarusa, 2 blue jays. 83.3 4 corners now NE (or E) 83.7
2 shrikes, 83.9 now to N. 84.0 2 m. doves. 84.4 2 flickers
on uplands. 84.6 mockingbird. 84.8 main road, now to E,
roads very dusty this time of year. 85.6 Belvoir budge.