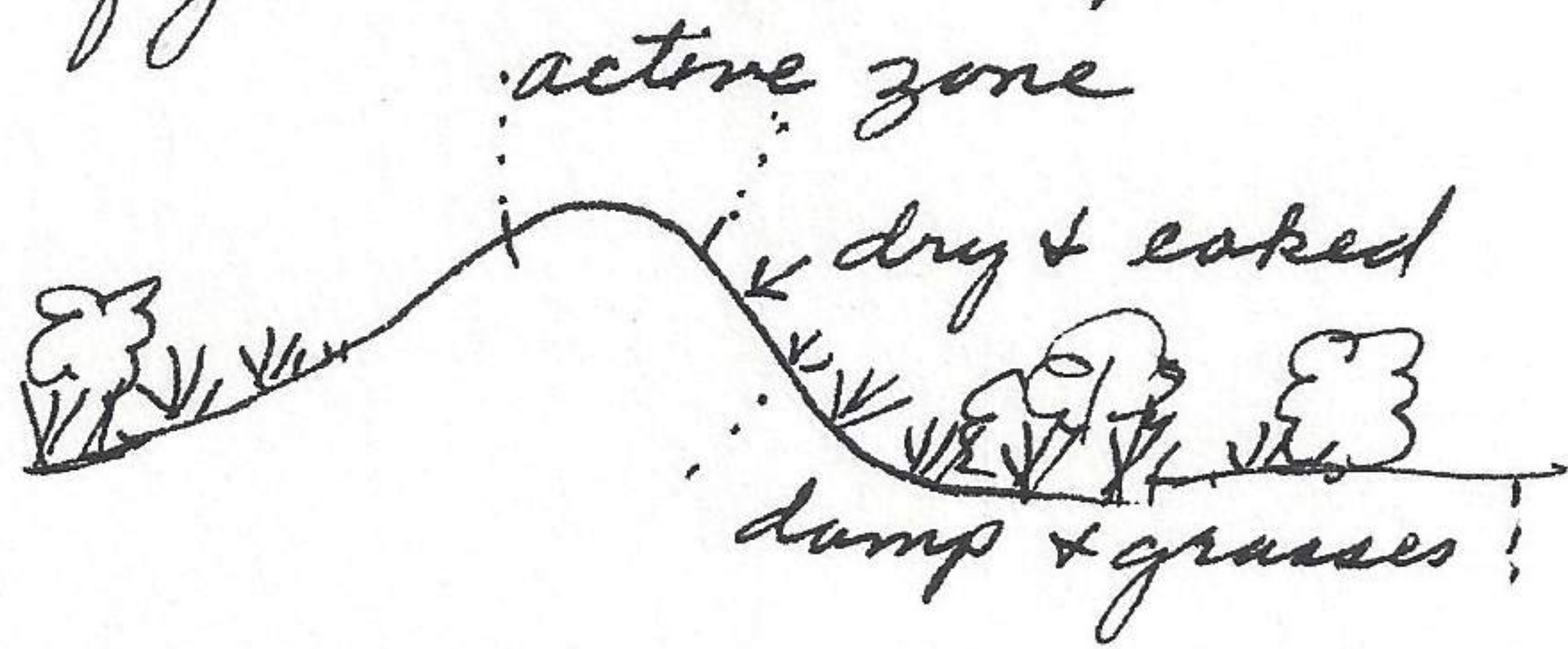


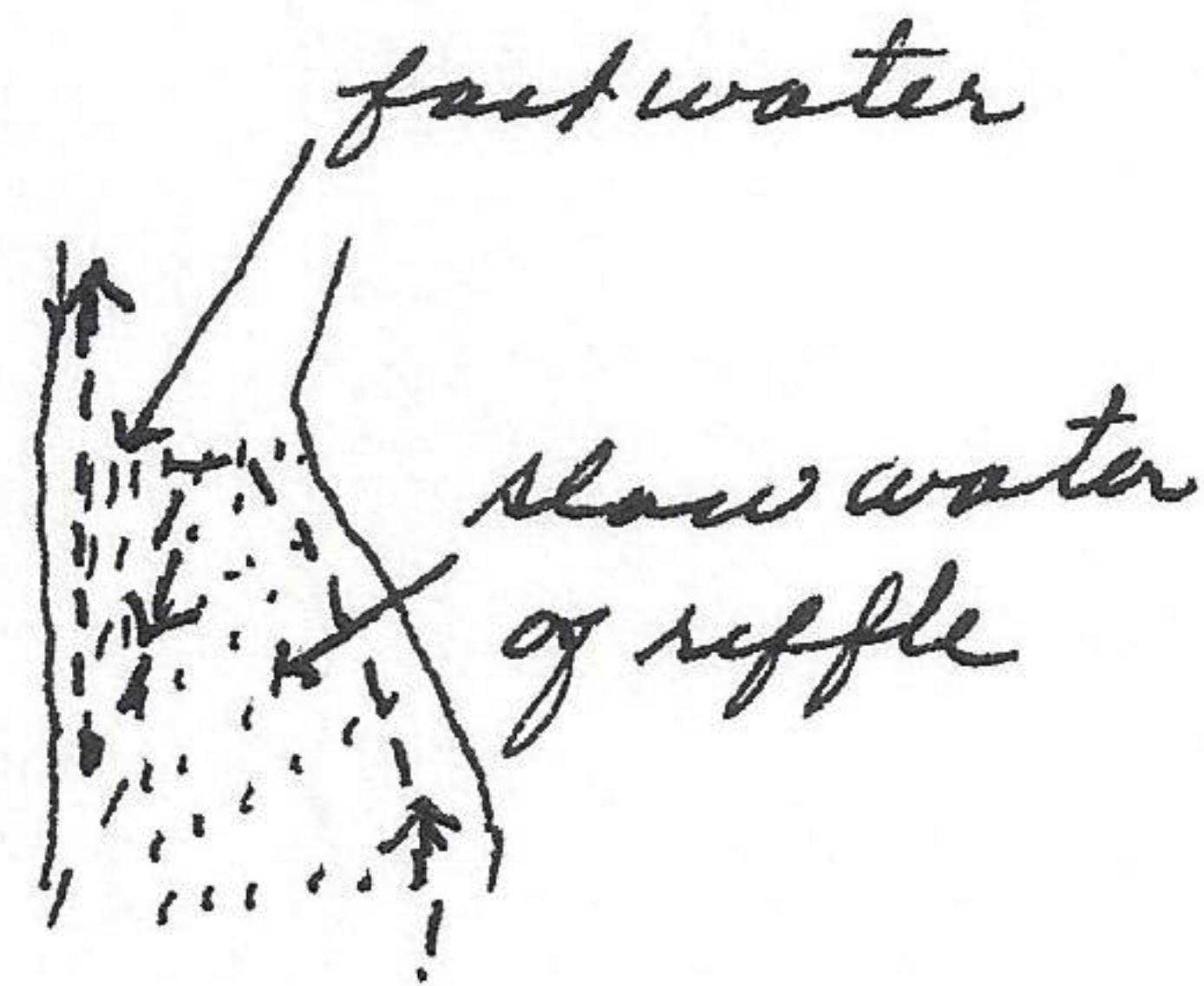
In canyon to E of camp elk concentrating in canyon bottom where grasses are most numerous and luxuriant. a spot is always within at least 2 feet of elk droppings, most ground surface saturated with droppings, mainly piles of fecal droppings. Trails (elk) 12" wide with grass in center. Beyond grass cover trails wider. Trail adjust to rocks on ground. Examined skeletons to young elk with last molar just erupted, first premolar with wear. Group 18 elk in one group just out from timber on upper slope on E side main canyon and 2/10 mile from canyon bottom (E. canyon). In area of concentration of elk are ant hills averaging 5' wide and 3' high. These ant hills seem out of place in this heavy ground cover of grass and damp meadow situation. The ant hills are



well formed and complete, some however have been excavated by animals and trampled by elk. The ants are black and approx 1/4" long.

In the main river valley of the Gallatin were 2 moose and one mule deer. The moose alternately fed and then laid down in river valley. 3 common merganser rested & fed within 30' of the moose. Beaver cross

river by swimming up river on the less rapid side of stream, then swim out into rapid part of riffle and after being carried 50-100' by current gradually gain other side of riffle just beyond fast current and then swim up current along bank where friction is greater & water thus slower



There is a fenced enclosure on E side of river just W of the mouth of the east canyon and campsite. This enclosure is higher than deer or elk can jump. Inside is 3 species of willow approx 3 x higher than the same species outside the enclosure which are kept in the shorter life form by grazing moose, elk & deer. The willow inside have noticeable more inflorescence than the ones outside. The ground beneath the willow is bare but mat grass beyond willow (all in enclosure). On up river side when river flooded enclosure it left a high-water mark of 18" of debris on wire mesh of enclosure. noticed at camp there were rarely elk tracks in the immediate area used