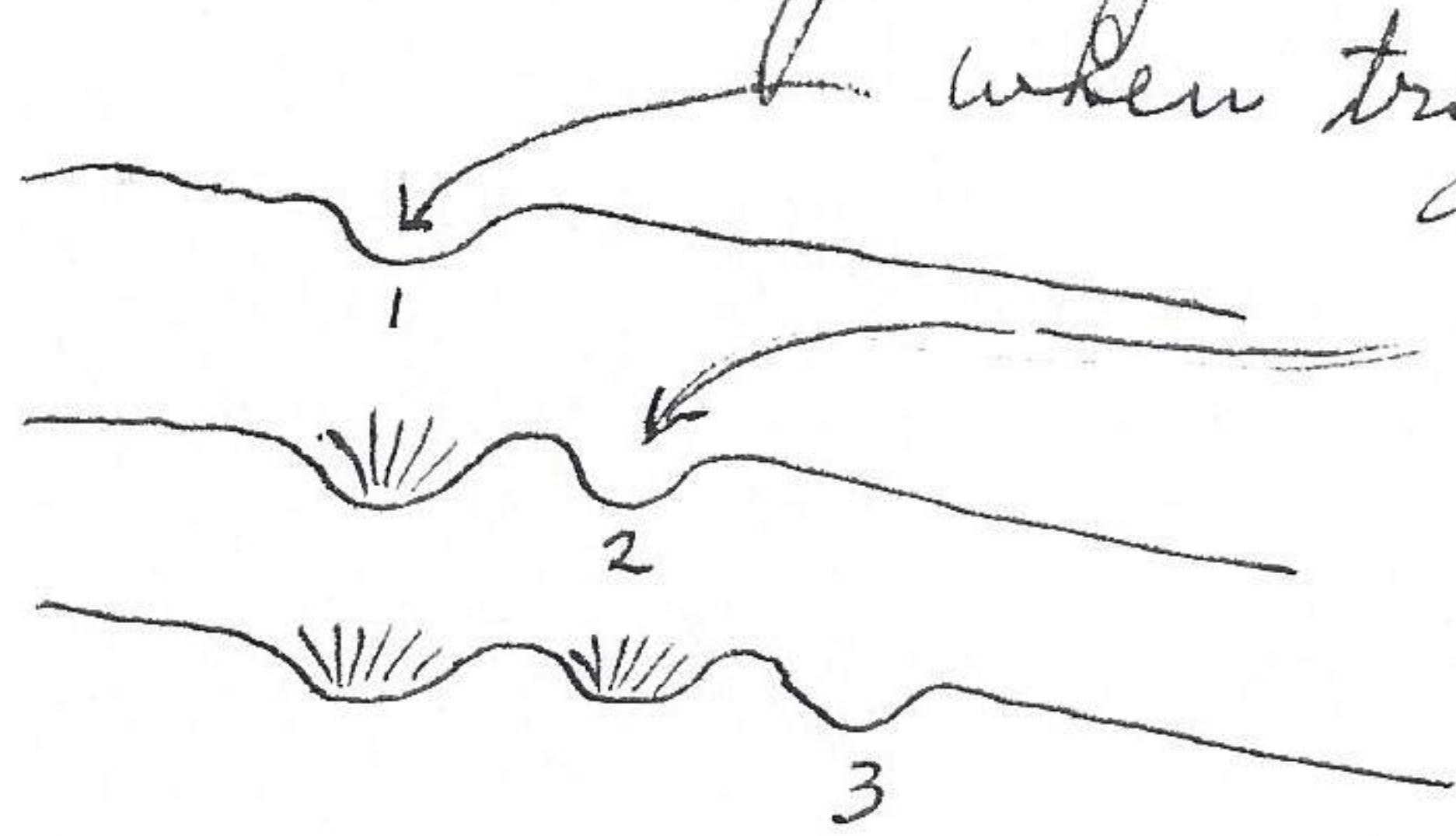


University of Kansas, Lawrence, Douglas Co., Kansas

Feb. 15, 1969

Heard and observed for the first time this year the sparrow hawk on campus (Chancellor's residence) It was calling. Starling are (at 5:15 P.M.) in tops of trees near their roosting sites and are calling. On slope of hill noted the shifting of trails used by students. There is a downhill migration. When a trail is formed and fills with water, a new one is made on the better drained slope immediately adjacent and on the downward slope side thus:



when trail supports water

a new trail is made

here. In the meantime

grass grows in the abandoned

trail. Apparently the edge of the trail on the downward slope is drier than the ^{edge of the} upward slope side, which is logical on the basis of drainage pattern of a slope.

Perry Reservoir, Jefferson Co., Kansas

Feb. 23, 1969

checked reservoir area at Valley Falls, Ozark and at dam via paved roads of main highways. Roads beyond highways are impractical and some impossible because of mud. In area between noon & 3:00 P.M. Temp. 37°F. Day calm, cloudy skies, fog and visibility approx. 2 miles. Light rain in air and periodic. At Valley Falls the water in Delaware relatively high and filling channel (about twice the amount in Wakarusa at equivalent stages of flooding). Water brown and ice fragments up to 1 1/2 square yards and 5 fragments per 10 feet. These ice fragments were in center of river. There would be no trouble in canoeing down this river the entire length if water were at this level, in fact one could profitably start at Arrington to the north. Continued to W and thence to Ozark. River in satisfactory condition here in new channel. Continued to Osakoussa, thence S to Williamstown, thence to Perry and north to dam. From dam counted one group of 72 ♂ & ♀ mallards (predominantly ♂♂) and 21 ♂ & ♀ pintails. These birds were in flooded field approx