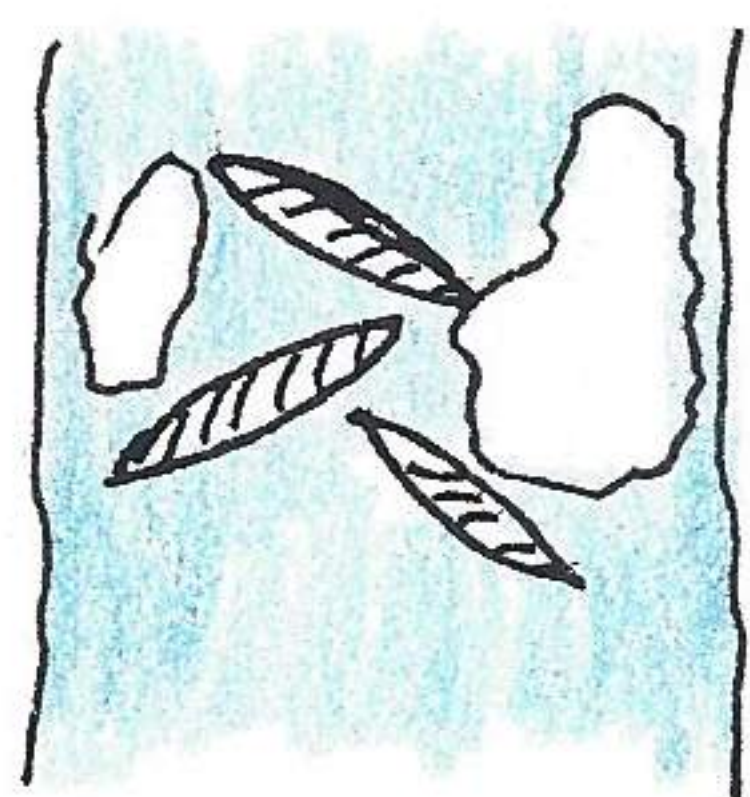



with keel, ^{partly} out of water and bow of canoe on land, several individuals entered and departed from canoe. This is a sure way of capsizing a canoe. Canoes with ill-balance equipment will also turn completely over if attempt to beach on high bank.



Canoe following too closely thru narrow channel will pile up and if water is fast, will inundate or capsize canoes as well as inflict personal damage at moments of collision.

At highway 59, Dr. & Mrs. Remple provided transportation of the 6 canoes and party back to Lawrence.

In arranging for permission to camp on Mr. Robert Peterson's property, Mr. Peterson informed me that he had collected an iron pin used to couple two railroad car.  This pin was used on the Union Pacific Railroad that passed thru this area in the early days of Lawrence's history. He told me that just N of our camp there was a grove of walnut trees where a Lawrence religious group met for social affairs. A concession stand & a band stand were permanent structures in the grove. The ^{Army} Corp of Engineer tested the basal limestone across the Wakarusa valley at site of proposed dam. At a point N of the S end of dam there is an old river channel approx. 12 feet deep and 100 feet wide in solid limestone.

Lawrence, Douglas Co., Kansas

April 14, 1969

Observed a single chimney swift at 1620 Tenn. at 5:30 P.M.

April 16, 1969

Observed 3 chimney swifts in formation and calling. noted 5 robins constructing nests, one in a tree without buds or leaves. Chipping sparrows singing as well as brown thrasher. noted 2 male robins fighting at close contact with ♀ robin being trampled at the same time and offering no resistance.

Hashell Bottoms, S Lawrence, Douglas Co., Kansas

April 19, 1969

Made small mammals census of Hashell Bottoms area between Louisiana Street to Hashell Avenue along utility lines. (see previous