

Left 1:25. Turkey vulture. 1:26 Point. 1:27 double drainage no water. 1:29 minor point. minor drainage beyond, no water; cardinal. 1:30 fence and end of climax forest. Turkey vulture. 11:35 old road to rock quarry. In the south part of quarry cottonwood trees to 8' invading from W. at extreme S end elm trees 4'-8' high. 1:40 point. dropped down and arrived car 2:00.

South side Rock Creek Bay, Clinton Reservoir, Douglas Co., Kansas  
 April 24, 1979

made census of birds & mammals on first bench below top (see April 20, 1979) for map of itinerary. Left car 10:20, fog, no wind, temp. 61°F. Black and white swallowtail butterfly, mourning dove. 2 ♂ redwinged blackbirds, red-headed woodpecker in field 300' from trees. 10:23 well E of car and cross at head of lake level water in creek. Stinging nettle 22 inches; another black and white swallowtail, bluejay. 10:30 road that leads to upper basin on E side in grass and weeds, no erosion, no trees in road. 10:33 upper basin. 2 crows, red-headed woodpecker. 10:36 N end basin, no lakes which is common in abandoned gravel pits. 10:37 on level (Bee level). Crossover at 10:41, pools of water but not running. Levels poorly defined and broad which is a factor of friability of sandstone which might be the reason the quarry was chosen for this area. The first level is the one below the broad upper level. It is not demarked by cliffs. Titmouse. 10:50 Point (ledge here). an old tree fell with a loud crash about 200 to N, there was no wind. Red-headed woodpecker. 10:54 point, cardinal, 2 mourning doves, bluejay. 10:55 rock fence. red-bellied woodpecker. Squaw bush in yellow flowers and no leaves. Tree frog calling, cardinal, brown thrasher, Titmouse. 11:03 minor drainage, no water. 11:06 drainage 1 pt per 3 sec, 2 crows harassing great horned owl. 11:08 first pile of fence poles, second one with woodrat house. 11:10 3rd pile and 4th one beyond at drainage, no water but damp. 11:11 crossover, green moss on rocks in creek bed, 1 pt per 8 sec. 11:14 grove of red-buds. Box turtle on rock 20' from creek in shrubby forest. many woodrat houses and steep slope to S. 11:22 Point, juniper on upper ledge 1 1/2' dia (estimate). Last 2/10 miles with many woodrat houses and well used pathways, red-headed woodpecker, cardinal. 11:27 cleared area, bare soil