

The grey bat colony, move around cave from one area to another.

Guano remains in cave and indicates bats have been in cave for hundreds of years.

One salamander was curled in a concavity on side of wall. Larva salamanders have feathery red gills and lives in stream. Adults are genetically blind. 95% show no photo response. Larva have functional eyes. Approx 2000 in this cave and occurs only in the Ozarks. Very little is known about its ecology, food or reproduction. The eggs have never been found. It is on top of the food chain.

70% of millipeds are in one part of cave. many on top of guano.

Bones of bear, weccary, jaguar found in cave (Pleistocene forms)

Salamander stores food in tail.

Cave ice = calcium carbonate.

Old stream passage 60-70 feet above and is oldest part of cave.

As one goes up cave gets older.

Ceiling of soft material shows bat claw & foot imprints

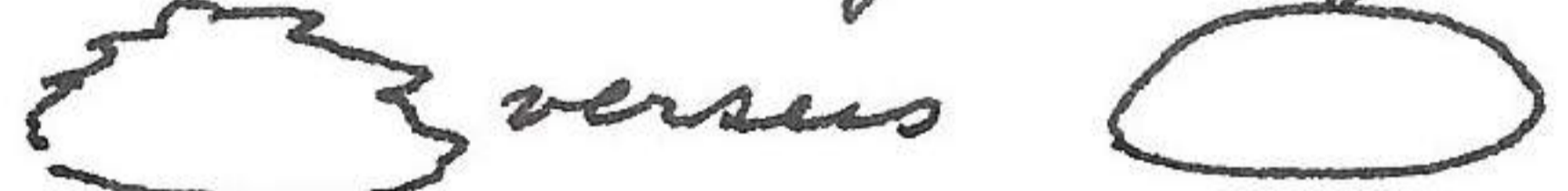
Raccoon tracks in pool of cave and presumably eats salamander.

This means that top of food chain is at surface of ground and shows interaction between surface & interior of cave.

Salamanders may be cannibalistic

Soda straw stalactites hollow on inside. water loses CO₂ on outside of drip & deposits calcium carbonate.

many cones in Missouri have red clay. It is not clay but silty clay loam with size particles like those found in river deposits. Aley does not believe in geomorphic cycles in cave development.

Collapsed chamber floor moving to ceiling. These are rooms of rough jagged rock surfaces in contrast to solutional passages which are have smooth curved walls. 

Flow stones on walls.

Web worm lives in cave and spends 8 1/2 - 9 months in web. Lives off gnats then changes to adult. Adult stage is few days then turns into fly.

2100 feet of cave in trails, rest kept in natural state.

Stromatolites are remains of Colonial blue-green algae of Devonian age 450 years old.

Chert nodules of round concentric concretions.

Surface area. June 30, 1974

Landscape always undergoing change and is dynamic and similarly caves are undergoing sympathetic changes.