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held tight in fingers or when placed on a slick plate & when an extra exertion is called upon the neck muscles the resulting strike is not perfect.

3/22/40

Dove Rust reports: I have never observed the sandhill crane along the Colorado River when running the course but find them in south eastern Wayne County on the sand knolls of the open country. The Great Blue Heron is at home on the river in Glen Canyon and is generally found in pairs but more commonly as a solitary bird. They are found on sandbars in river and along the sides of the river where they remain until boat approaches too near whereupon they flew down river around the next turn where they remain until approached again. Such a sight is common and many birds fly for miles down the canyon as guides and leaders of the party. The alcoves and lateral canyons entering the ^{main} canyon are found to support luxuriant semi-tropical appearing vegetation in a natural and primitive state. The soils are rich with the moisture inducive to rank growths of vegetation. The protection of the confining walls also help to promote a growth of a species that upon the higher windswept, sun exposed open plateau above the walls of the canyon are dwarfed and barely existing with the rigors of the cruel environment. This secluded vegetation cannot be called typical nor can one use it as a standard for what might have occurred on the upper levels before mans influence. In my last 50 years have noticed a direct & somewhat drastic change in the disappearance of the grasses from southern Utah. They have not only been subjected to abuse but have been annihilated. Horse feed now becomes a problem where years ago was not of any concern. He attributes the absence of grasses to the combined effect of sheep, cattle & horse depredations particularly the tramping action of the sheep. Where vegetation roots remain the plant life can be brought back in short order but when annihilated will take 100 years to bring it back by mother nature. One can travel this country during certain parts of the year and find no apparent traces of grasses but when hit during