

Lawrence, Douglas Co., Kansas

Sept. 18, 1965

At 1620 Tennessee St. at 3:30 P.M., day clear, noted the bathing behavior of a ♀ ruby-throated hummingbird (Archilochus colubris). The bathing took place during the watering of the back yard with an automatic sprinkling system in which the water spray moved back and forth across the lawn. ^{The bird} arrived and showed interest in the water (15' high) at the highest point on the arc of spray. The bird, on the second pass of the water, rested on a dead limb of a tree as the water passed. It flew beyond the reach of the spray but return again to the dead limb where it remained until the water again passed by a partially wetted the bird. This exposure occurred 3 times, after which it flew to a blackwalnut tree and alighted on one of the leaflets of the compound leaf, ^{15 feet from ground} a leaf which was wetted each time the cycle of water passed by, and dragged first the right wing and then the left wing over the wet surface of the leaf. As the water approached, it left and alighted on a limb of the walnut tree beyond the influence of the water and shook its ~~body~~ body and vibrated its wings. After approx. 10 seconds it returned to the leaflet (another one near the first one) and again lowered its body onto the leaflet, spread and ~~dragged~~ dragged its wings (one at a time) over the wet surface. It also spread its tail on the leaflet and rubbed its head and side of neck on the wet surface, after which it flew beyond the watered area (20' away) and shook its body, vibrated its wing, but close to its body, and then preened its wing & tail with its bill. This same performance was repeated a third time on a new leaflet, but in the area where water had soaked the leaf, and again the feathers were preened. After 3 more minutes after the last preening, it left the area.

Sept. 22, 1965

Enroute to Univ of Kansas noted a migration of monarch butterflies flying S, on S side of hill, at tree height, at 8:00 A.M. Approx 8 butterflies per 100 feet. This evening at 5:30 P.M. a shower passed over campus and after passing noted hundreds of night hawks (15 per acre) and chimney swifts (20 per acre), all flying and hunting insects to the west. Chimney swifts still associated with certain buildings and maintaining usual numbers despite of cool rainy weather of last week.