

The Kevin Dials Bat Trail: The Benefits of Bats

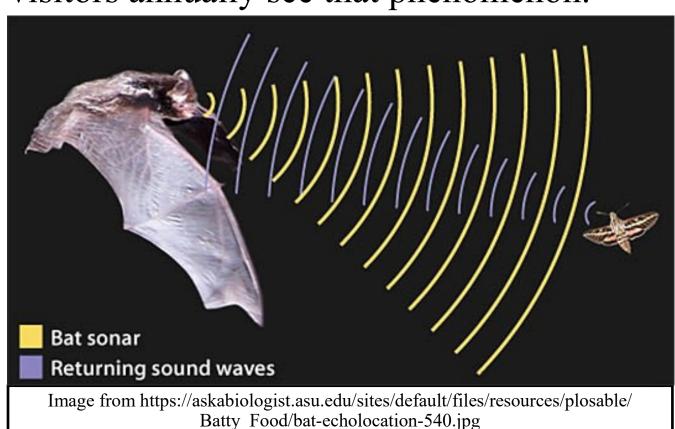
There are plenty of misconceptions, disproven legends, and outright lies about bats, most often promoted by the SciFi and Horror media. Even the great media hero Batman is depicted as having a terrifying experience with a swarm of bats during his childhood. But in the ecological scheme of things, bats have proven to be true friends of humankind for centuries. Cave bat droppings, known as *guano*, have provided agricultural fertilizer for many of the world's cultures. In areas underlain by caves, like the karst regions of eastern West Virginia, bat guano contributes to the nutrient needs of troglodytic "critters" (cave dwellers).



In tropical and desert regions around the world, bats play a significant role in plant pollination and seed dispersal. Bats help improve human and animal health by controlling vast amounts of biting insects that act as disease vectors. Bats also eat crop pests. In KSF, bats control tree pests, like looper moths. The Forest's threatened Northern Long-eared Bat is particularly adept at gleaning such pests directly from the trees. Nursing mothers typically eat their own weight in insects nightly.



A relatively new bat-benefit for people is the rise of bat phenomena as tourism enhancements. Two examples are the evening flights of bats exiting the National Park Service's Carlsbad Caverns and leaving the Congress Ave. Bridge in Austin, TX, where tourism officials estimate around 100,000 visitors annually see that phenomenon.





In West Virginia, some state park naturalists have made bat-watching forays a part of their watchable wildlife offerings for guests. The fact that you are on this trail reading these educational signs proves that bats enhance West Virginia's tourism industry.



Former Superintendent Kevin Dials supported many wildlife enhancements in Kanawha State Forest, including the Bat Conservation Education Project, of which this trail is a part. To commemorate his 12 years of service, this trail is named in his honor.



The Kanawha State Forest Foundation project that resulted in this bat trail, these education signs, and the protective bat gate you will see further along, was given financial support primarily by the Maier Foundation, the Hot Rod Devil's Rock the Park event, and the C. C. Dickinson Family Giving Circle, a donor-designated fund through the Greater Kanawha Valley Foundation.

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Your talents are welcomed by the KSF Foundation and other supporters to help conserve wildlife and native plants at KSF.

