

402 yorkshire dr., Lawrence, Kansas

Oct 23, 1981

Last night first freeze of year, 26°F. no butterflies today.

Oct 26, 1981

no butterflies since Oct 22, 1981.

Oct 28, 1981

Last 2 days with Cabbage and alfalfa butterflies in numbers equal to pre-freezing period. no other kinds of butterflies.

At 5:00 P.M. - 5:40 P.M. great numbers of grackles and associated species passed 402 yorkshire dr. enroute to north Lawrence - Kaw River roosting site. At 5:10 P.M. for 3 minutes approx. 3,000,000 grackles passed by home at a rate of 1,000,000 per minute then flight stopped. Sun at 5:10 P.M. about 10 minutes before sun down. Temp. 60°F, slight wind from S. I have never witnessed such large numbers flying to a roosting site.

Nov 1, 1981

Between 2:50 P.M. and 2:56 P.M. approx 2,000,000 grackles flew w over house in a continuous massive flight like a morning departure from a roosting site. Day cloudy, wind from S, light shower. Destination of grackles as their associated species unknown. As this was pre-evening flight to roost I am wondering if they were in migration.

This afternoon checked our thornless locust tree (approx. 24' high, 20' wide) for numbers of seed pods. There were 4600 on ground, half of them fell today. 1/2 remain on tree bringing total to 7,200 seed pods! This has been the most (and unusual) productive season of any year since the tree was planted.

Nov. 2, 1981

at 5:40 P.M. to 5:51 P.M. approx 1 million grackles and (95%) associated blackbirds and some robins. flew E. over house in massive groups. They flew to north Lawrence - Kaw River Site.

Nov. 5, 1981

First butterflies since Oct. 28, 1981 (3 alfalfa and 1 cabbage butterfly).