

402 Yorkshire Dr. Lawrence, Kansas
Dec. 24, 1980

Filled goldfinch feeder Dec 17 but little take until Dec 22
 Today snow on ground, high wind. There are now 8 goldfinch
 and 12 pine siskin on an 8 peg thistle seed feeder.
 Goldfinch take 24 seeds per minute while pinesiskin take
 only 20 per minute. This is without stress. With stress
 of defending position on feeder - goldfinch 12 per minute
 and pinesiskin 9 per minute. Pine siskin have
 longer sharper bills and should be able to extract the
 seeds more readily than goldfinch. Pine siskin
 extend wings in defense, whereas goldfinch do not.
 Goldfinch restrict circumference of body and extend
 body out from feeder when stressed by bird that wants to
 displace the bird. At noon 20 Eng. sparrows
 harassed cottontail among bushes. Rabbit reacted to it,

