

402 Yorkshire, Lawrence, Kansas.

Feb. 18, 1979

Judy Bailey reported a purple finch at her feeder (403 Yorkshire) on Feb. 16, 1979. For the last few days have seen a goldfinch at feeder with bright yellow upper rump which is lacking in other goldfinch at my feeder. For the last 3 weeks a cottontail has been coming to feeder and feeding on grain on ground. It has made a deep path thru snow but last night after about an inch and a half of new snow on firm snow beneath, the rabbit utilized six different approaches to the feeding area.

Kasold,

Peterson - deerfield drainage research area, Lawrence, Douglas Co., Kansas.

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made census of field NW of home on N side Peterson Rd and S of Turnpike. Followed established route and made complete census of mammals and birds by ecological units and time. Snowed last night to about midnite and deposited approx. 1 1/2 inches on a ^{deep} crusted snow and except for some drift areas the snow completely supported my weight. New snow recorded perfectly the activity of last night and this A.M. Temp at 9:40 A.M. approx 16°F and rising to low 20's. Changed from overcast to clear skies. Started at Yorkshire and Peterson Rd at 9:45 A.M. Snow covers all exposures.

Peterson Rd, 9:45 A.M. Open plowed field and few bushes N side, residents S side. Black capped Chickadee.

Pine Corner, 9:50 A.M. no birds. Corner of several pines of old homestead.

Iowa St, 9:51 A.M. no birds. open fields each side.

Peterson Pond, 9:53 A.M. Weeds, Cottails in old pond bed bordered by trees on S side, fewer isolated trees on N side. Cardinal singing, cottontail tracks, cottontail tracks, cottontail tracks, cottontail tracks, cottontail tracks.

Peterson Creek, 10:30. Tree-lined creek, creek bank 3-4' deep, in ice & snow. *Peromyscus leucopus* tracks, ^{cottontail} rabbit tracks, cottontail tracks, cottontail tracks, 3 cottontail tracks, 7 goldfinch, yellow-bellied sapsucker, 3 cottontail tracks, ♂ & ♀ cardinal, 3 rabbit tracks. Creek bed not being used by rabbits.

Grackle roost, 10:13 Shallow drainage and ^{thick growth of} young trees mainly elms. cottontail track, cottontail track, Blarina trail on surface of snow but occasional thru or under snow: natural size + stride
Cottontail track, toward W end
area squirrel track sp.?

