

the ice and die of starvation or fall victims to the coyotes and bald eagles.

WILSON'S SNIPE—*Gallinago delicata*.

A few remain all winter in the vicinity of springs or along the rapid streams that remain open during the cold weather.

KILLDEER—*Oxyechus vociferus*.

One record, December 9, 1912.

RICHARDSON'S GROUSE—*Dendragapus obscurus richardsoni*.

Resident.

FRANKLIN'S GROUSE—*Canachites franklini*.

Resident in the Murray pine and spruce forests.

CANADA RUFFED GROUSE—*Bonasa umbellus togata*.

Resident. The breeding race appears to be typical *togata*. During October there is usually a local migration from the higher mountains and a much grayer bird appears, which is probably closer to *umbelloides*.

WHITE-TAILED PTARMIGAN—*Lagopus leucurus leucurus*.

Breeds above timber line in southern Okanagan. Taken in winter on the Silver Star mountain, near Vernon, by Allan Brooks.

COLUMBIAN SHARP-TAILED GROUSE—*Pedioecetes phasianellus campestris*.

Resident. Grouse of all species have become very scarce during the past two years and a close season for all of British Columbia east of the summit of the Cascade mountains was declared in 1917. The scarcity is accounted for by the ravages of an intestinal parasite coupled with two severe winters, cold wet springs and the increase of coyotes and skunks.

WESTERN MOURNING DOVE—*Zenaidura macroura marginella*.

One winter record, January 27, 1916.

MARSH HAWK—*Circus hudsonius*.

Resident.

SHARP-SHINNED HAWK—*Accipiter velox*.

Two winter records, January 24, 1913; January 3, 1917.

GOSHAWK—*Astus atricapillus atricapillus*.

Common Resident.

ROUGH-LEGGED HAWK—*Archibuteo lagopus sancti-johannis*.

Winter resident, never common.

GOLDEN EAGLE—*Aquila chrysaetos*.

Resident. Not common.

NORTHERN BALD EAGLE—*Haliaetus leucocephalus alascanus*.

Common resident.

DUCK HAWK—*Falco peregrinus anatum*.

Resident; not common.

PIGEON HAWK—*Falco columbarius columbarius*.

Resident; not common.