

out and hanging over the rim; as if the horsehair or other fine material, had been caught on the claws of some small mammal. These depredations, apparently occurred at night and were done at a time when squirrels and chipmunks had been cleaned out of the orchard.

The following notes show the gradual increase of mountain-breeding birds and the first movement of the fall migration.

July 12, 1916—A slight increase in the numbers of birds in the orchard. Broods of Audubon Warblers (*Dendroica auduboni auduboni*), Western Vesper Sparrow, Shufeldt's Junco (*Junco hyemalis connectens*), and Calaveras Warbler (*Vermivora rubricapella gutturalis*) appear.

July 15, 1916—The hedge full of birds, feeding on service berries; Catbirds unusually plentiful.

July 26 to July 28, 1916—Hundreds of swallows of all species, passing through.

July 16 to August 8, 1916—A steady increase during this time. Broods of Red-naped Sapsucker, Townsends Solitaire, Wright's Flycatcher (*Empidonax wrighti*) and Olive-backed Thrush (*Hylocichla ustulata swainsoni*) appear.

August 10, 1916—Large flocks of Cassin's Purple Finch, juvenals and adults arrive.

August 11, 1916—Spurred Towhee, adults and juvenals very plentiful. Several juvenal Western Evening Grosbeak (*Hesperiphona vespertina montana*) and Lazuli Bunting (*Passerina amoena*) seen.

August 12, 1916—Large increase in the number of Bullock's Oriole and further increase of Cassin's Purple Finch.

August 14, 1916—Bullock's Oriole, Cassin's Purple Finch, and Western Tanager very destructive in the orchard. The locally bred robins have left.

August 15 and 16, 1916—The orchard nearly empty of birds.

August 17, 1916—Large flocks of Shufeldt's Junco, Pine Siskin (*Spinus pinus*), Western Robin and Western Chipping Sparrow arrive. Arkansas Kingbirds and Bullock's Orioles have all left.

August 20, 1916—Nearly all the catbirds have migrated.

August 21, 1916—The common kingbird left to-day.

August 24, 1916—Cedar Waxwing and Cassin's Purple Finch are still numerous. The former prefer the wild fruit to the domesticated.

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