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 covering of outwash material. It appears ⁴⁰⁰³³⁰⁻³¹ to be stable as far as land deposition or erosion is concerned. The surface of the area is generally flat but shows the remains of creek channels and river benches & terraces of years ago when the waters of the river were more rampant and would periodically overflow their banks. Modern agriculture and its ramification of channels sap the river of its normal flow of water. The ground consistency is essentially to river worn boulders with surficial & varying degrees of soil deposit particularly beneath the cottonwood growths where it becomes deep, dark and support considerable humus. The sandy, gravel soils are mainly restricted of clearings and natural openings. This area has been protected for many years and is not typical of the entire river valley floodplain. It has had a certain degree of grazing & woodcutting, but in the main, is nearly a primitive, unaffected site. Such a habitat is favorable for study. Civilization on west & east sides with farming plots & clearing associated. Used for picnic ground at certain places. *Populus angustifolia* dominant plant with a few *fremontii* (?). *Alnus tenuifolia*, *Betula frontalis-utahensis*, *Acer interrius*, *Ribes aureum*, *Rosa* sp. (?), *Rhus trilobata*, *Cornus stolonifera*, *Crataegus rivularis*, *Malva*, *Galium*, Thistle, Grass, Dandelion, Catnip, Parsnip, Burdock. Other vegetation present but will identify later. Creeks & springs have not been analyzed. Surface below trees free of grasses and covered with dead leaves. In clearing grass 3 inches high the vegetation just developing buds in the main. *Ribes aureum* with yellow flowers, most of the small herbs green. Temp. at 9:06 A.M. = 11 1/2 °C. Ground Temperature = 7 1/2 °C. Paper weather reports rain in all adjoining states with slight occasional rain. Establish research area A-3-30-40 which was to be used as a bird census plot. Founded in typical area. Plot 150' wide and 600' long. Four operators. 5 minutes in field at 9:40 A.M. Sun breaking thru overcast skies and warming up. Temp = 15 °C
 Combined area of 2 hectares

	Group C.	Group B.	Group A.	total.
Pheasant	5		1	6
L.T. Chickadee	3		1	4
Song Sparrow	5			5
Meadowlark	1			1
G.T. Towhee	1			1
Fox Sparrow	1			1
Flucker	1	2	1	4
Sparrow hawk			1	1
Robin	1		5	6
Jay			1	1
Quail			2	2