

a known size tree over a ground tarp to capture falling insects. etc. Bird census on 5 sq. acres. mammals by trapping a measured area. Inspections were about 9:30 AM<sup>on</sup> each day the areas were checked (coverage every week for 2 months).

The research areas are defined in the following paragraphs, tables and charts:

Research area no. C-3/30/40 Provo River Flood Plain. Aspect. First 1 1/2 inches of debris down to and some soil. The surface was generally loose debris of leaves, sticks, misc trash under cottonwood, Boxelder and other riparian like trees. Dominant trees are *Populus angustifolia*, *Populus fremontii*, *Acer interior*, *Cornus stolonifera*, *Crataegus rivularis*. also typical understory. Temp April 27 = 50°F, May 11 = 70°F, May 4 = 65°F, May 26 = 62°F. Ground temp 55°F.

Research area no D-3-30-40 Herb study (as above). Standard net, 50 strokes over herbs. Counted + grouped into species. Herbs in open areas between cottonwoods.

Research area no A-3-30-40 Shrub study. Ibid. Because leaves not grown until 5-4-40 did not start until then.

Research area E-3-30-40 Tree study

5-4-40	Group A = 4 cu. meters - Boxelder.
	Group B = 2 cu " Cottonwood (leaves out)
	Group C = 2 cu " " "
5-25-40	Group A = 2 1/2 cu. meters. <i>Populus</i> "
	Group B = " " " " "
	Group C = 3 1/2 " " <i>Crataegus</i> (in blossom)
5-11-40	Group A = 2 cu meter cottonwood
	Group B = 2 " " hawthorne
	Group C = 3 " " boxelder
	Group A = 5 " " <i>P. angustifolia</i>
	Group B = 3 " " " "
	Group C = 2 " " " "

Research area B-3-30-40 Bird census. 5 sq. acres in flood plain. 10 members in field for 18 minutes

Research area A-5-11-40. Ground survey. Disturbed area at mouth Rock Canyon populated by *Symbrium*, *Salicoda pestifera*, *Umbrella mustard*, *Sunflower*, *Scutellaria*, *Quercus gambeli utahensis*, *Balsamorhiza*, *Artemisia tridentata*, *Agropyron*, *Hollyhock*, clover, mustards. The area represented  
(Continues at bottom of tables)