4-13-40 400413-43

Group of cedar waxwing resting in popular in Provo City.

4-13-40

Second bio-ecology aspection trip of the Provo River Floodplane located on the Provo Brick & Tile Co N.W. from University. (see notes of date 3-30-40). Followed same proceedure as indicated on last trip.

	Bird census 600'x150' by four groups c. Temp 59°F Time: 9:25 A.M.	Ground census of 1/10 meter. Time 10:00 - Temp 60° Ground = 46°F	Herb sweeping 48 sweep on each group Temp = 61°F - 10:50	Shrub sweeping 48 sweep per group Temp - 62°F - 11:10	Tree census of insect life 11:35 - 63°F combined groups.	General Observations
	A: C' C² C³ C⁴ B A	B: C B A	C: C B A	D: C B A	E: commued	
calif quail	2 6 2 2 3 1				Populus 3 inst	One cannot but help notice
Robin	2 2 5 3				Acer 5 inst	the change from a near
Flicker	1 2 3				Crataegus 2 inst	dormant condition of last
C.V. utah	1					visit and the more evident
Fox sparrow	1 2 1 1					vegetation growth on this
L.T. chickadee	3 6 7					date. The general lifeless
Sea Gull	2 2					appearance of last trip has
meadowlark	2 1					changed to one of life with
Song sparrow	2 2					the leaves and foliage
Utah Jay	2					more in evidence.
Wren	1					Cunninghamia: leaves 1 inch
Cact. m. canso	1 1					Squaw bush: yellow flowers
Elateid larva		14 4 3				but no leaves
collembola (white)		40 4				Bolelder: greatest degree
Ephemeridae						of growth both leaves over an
Centiped		6 5 2				inch long & catkins throughly
moth larva		1				decoating the tree. Tree form
Black ant		3		1	2	less conspicuous.
Mellped		2				Service berry in full bloom
Diptera		1				coon berry.
Annelid white		1		3 3 2		Grass. (four kinds) higher and
Thipanura		57 1 17				green with lawn appearance.
Arachnid		4 3		15 5 5 10 11 12		Since last time both the
Porcilles		1 1	2			Solomon & False Seal have
Oreabelus s.d.		2 18 2				sprung up to 8 inches in some
Ground beetle		1				cases.
Bolelder bug		1	1 5 3	2 7 1 5 1		Crelaegus tuvularus. leaves 1'
Staphilinidae		2 3				Thorn berry. well out
Red mite		2 1				Populus fremonti in full bloom
annelid. (red)		2 1				Populus angustifolia lifeless ex-
black ant		1	1			cept in tops of trees. The
white mite		1				& populus come out later than
Tenb larva		1				the Ot. Certain areas are
Diptera larva		1				further developed than others
nematod		2				noticed on one squawbush
Diptera pupa		4				in opening at 9:35 four mourn-
cut worm		2				ing cloaks and 2 other smaller
weevil		1				species. most of the birds
Mollusca eggs		4				calling from all directions.
Leaf hopper			5 3 3	8 2 3		No pheasants because one
Hemiptera					1	fellow had been there since
midges			3 1 3	4 1 1		6:00 A.M. Fox sparrow preferring
mosquito			1			the upper debris under trees
Misc Diptera			7 5			and berthant grasses. Robins
Ichneumidae			1 3			in groups of 4 or 5 & flying
moth			1			about.
Anthrophoridae			2	1		18 Pole Goldfinch on top
gnat			1			of the cottonwoods
Aphids			1	23 1	25	7 mallards on river early
Gall fly			1	2	1	this morning. Later about
Chryobnetidae			1	5		11:00 heard the Bees in tops
Threvidae			1			of bolelders in greatest
tree hopper			1			numbers.
Penatomid					1 0 0	
mayflies				1	1	
miridae			1	5 1 2	5 1	
coccinellidae				1	4	
Geometrid larva					1	
Elaterid					14 1	
alecsidae					2	
nematidae				1		
Bee				1		
melyridae				2		
cympaidae				1		
Spot bug				1		
muscidae				3		
Sawfly				1		