

INSECT SPECIMENS (OTHER THAN LEPIDOPTERA)
FROM NORTH RIM, GRAND CANYON, ARIZONA
Allan Hancock Foundation Survey
July 3-19, 1947*

	Spp.	Spec.		Spp.	Spec.		Spp.	Spec.
<u>COLEOPTERA</u>	<u>76</u> ⁷	<u>276</u>	Mermelaeontidae	2	11	<u>HYMENOPTERA</u>	<u>72</u>	<u>191</u>
Carabidae	11	24	Chrysopidae	3	11	Tenthredinidae	2	7
Cicindellidae	2	7	<u>HEMIPTERA</u>	<u>7</u>	<u>30</u>	Formicidae	3	13
Dytiscidae	5	9	Cydnidae	1	1	Ichneumonidae	15	28
Staphlynidae	1	1	Scutellaridae	1	2	Sphecidae	8	9
Histeridae	1	1	Aradidae	1	20	Mutillidae	5	42
Cantharidae	3	5	Reduviidae	1	1	Scoliidae	11?	19?
Lampyridae	2	4	Nabidae	1	1	Masaridae	1	1
Malachiidae	1	2	Gerridae	1	1	Psammocaridae	6	10
Cleridae	3	5	Coreidae	1	3	Vespidae	4	11
Elateridae	5	7	<u>HOMOPTERA</u>	<u>2</u>	<u>8</u>	Polybiidae	1	3
Buprestidae	5	14	Cicadidae	2	7	Polistidae	1	8
Dermestidae	2	7	Fulgoridae?	1	1	Bombidae	9	30
Ostomatidae	2	3	<u>ORTHOPTERA</u>	<u>11</u>	<u>22</u>	Apoids, uncert.	4	5
Coccinellidae	4	5	Locustidae	9	19	Xylocopidae	1	4
Meloidae	4	17	Mantidae	1	2	Anthophoridae	1	1
^h Rhipiphoridae?	1	24	Gryllidae	1	1	<u>ODONATA</u>	<u>11</u>	<u>86</u>
Tenebrionidae	5	18	<u>DIPTERA</u>	<u>43</u>	<u>98</u>	Anisoptera		
Scarabaeidae	5	27	Tipulidae	4	4	Aeschnidae	2	9
Lucanidae	2	5	Tabanidae	6	16	Libellulidae	5	31
Cerambycidae	9	74	Bombyliidae	4	5	Zygoptera		
Chrysomelidae	3	7	Asilidae	16	42	Coenagrionidae	4	46
Curculionidae	3	10	Syrphidae	1	1	<u>ARACHNIDA</u>	<u>2</u>	<u>4</u>
<u>PLECOPTERA</u>	<u>1</u>	<u>1</u>	Muscidae	1	1	Araneida	2	2
<u>RAPHIDOGIDEA</u>	<u>2</u>	<u>6</u>	Tachinoidea	5	9	Phalangida	1	2
<u>NEUROPTERA</u>	<u>6</u>	<u>23</u>	Familiae in- certae sedis	6	21	<u>DIPLOPODA</u>	<u>1</u>	<u>5</u>
Mantispidae	1	1				Total	240	759

*Includes Garth Collecting,
Aug. 12-22, 1946