













	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Status
<i>Uthesia pulchella</i>	6	14	19	17	14	13	18	22	1	2	7	6	6	10	18	15	D
<b>Family: Sphingidae</b>																	
<i>Acherontia styx</i>	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	R
<b>Family: Geometridae</b>																	
<i>Tephrina sp.*</i>	194	17	27	32	95	94	97	132	92	124	146	173	198	19	30	36	D
Unidentified species A	2	-	-	-	-	1	-	-	1	2	3	3	1	-	-	-	R
Unidentified species B	2	1	-	-	-	3	-	-	-	-	-	-	1	-	-	-	R
<b>Order: Hemiptera</b>																	
<b>Family: Pentatomidae</b>																	
<i>Nezara viridula*</i>	126	10	18	25	22	23	23	31	45	82	81	93	120	10	20	20	D
<i>Bagrada hilaris</i>	85	-	-	3	16	18	24	20	23	56	76	76	85	-	-	-	D
<i>Aspongopus janus</i>	-	-	5	7	1	-	-	-	-	-	1	-	-	-	6	8	F
<i>Alcaeus sp.</i>	-	1	3	1	4	2	5	3	-	-	-	-	-	-	2	1	F
<i>Andrallus spinidens</i>	-	-	1	4	-	-	3	7	-	-	1	4	2	-	5	-	F
<i>Piezodorus sp.</i>	7	4	6	-	39	32	35	24	12	11	18	10	7	3	2	3	D
<i>Oncocephalus sp.</i>	-	-	-	-	3	4	-	6	-	-	1	1	2	-	-	-	F
<b>Family: Pyrrhocoridae</b>																	
<i>Dysdercus cingulatus</i>	40	1	16	23	6	8	4	4	-	15	22	40	39	4	17	10	D
<i>Dysdercus koenigii</i>	-	3	5	1	-	1	-	-	-	2	1	1	2	5	4	-	F
<b>Family: Lygaeidae</b>																	
<i>Aphanus sp.</i>	4	-	-	-	-	-	-	5	1	-	-	3	4	-	-	-	F
<b>Family: Coreidae</b>																	
<i>Clavigrella sp.</i>	1	-	2	-	4	3	9	9	-	-	2	2	2	-	-	-	F
<b>Family: Aphididae</b>																	
<i>Lipaphis erysimi</i>	50	-	-	-	-	-	-	-	-	13	24	29	51	-	-	-	D
<i>Myzus persicae</i>	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	R
<b>Family: Fulgoridae</b>																	
<i>Pyrilla perpusilla</i>	-	1	1	1	1	2	-	-	-	-	-	-	-	-	-	-	R
<b>Order: Hymenoptera</b>																	
<b>Family: Apidae</b>																	
<i>Xylocopa fenestrata</i>	17	13	10	5	7	4	8	12	8	12	19	22	21	15	15	10	D
<i>X. violacea</i>	-	4	11	32	55	59	75	65	1	1	2	2	4	5	9	20	D
<i>Apis cerana</i>	131	-	-	3	11	15	29	30	63	97	111	112	127	-	-	-	D
<i>Apis mellifera</i>	198	4	14	18	31	45	50	66	85	117	134	148	192	8	8	10	D
<i>Apis dorsata</i>	21	-	-	1	5	12	13	27	10	13	20	21	25	-	-	-	D
<i>Apis florea</i>	98	16	28	43	28	22	32	61	45	54	66	92	103	23	33	34	D
<i>Amegila cingulata</i>	2	-	-	-	-	-	-	-	-	2	8	9	5	-	-	-	F
<b>Family: Formicidae</b>																	
<i>Dolichoderus affinis</i>	57	13	11	15	19	22	20	26	13	19	25	34	58	9	6	8	D
<i>Formica sp.</i>	50	11	9	24	23	27	34	24	21	24	31	39	48	10	11	10	D
<b>Family: Vespidae</b>																	
<i>Polistes sp.</i>	-	2	3	-	-	-	-	-	3	5	-	-	-	3	4	-	F
<i>Delta campaniforme</i>	1	-	-	-	-	-	-	-	-	2	4	-	-	-	-	-	R
<i>Delta sp.</i>	-	3	3	-	-	-	3	-	-	-	6	5	-	1	4	3	F
<i>Eumenes fraternus sp.</i>	-	-	1	3	1	3	2	-	-	-	-	-	-	1	-	1	R
<b>Family: Tenthredinidae</b>																	
<i>Athalia proxima</i>	5	-	-	-	-	-	-	-	-	-	1	2	3	-	-	-	R
<b>Family: Sphecidae</b>																	
<i>Sceliphron brunneum</i>	10	12	16	10	2	4	4	1	1	3	16	16	10	15	18	11	D
<b>Family: Chrysomidae</b>																	
<i>Chrysis dugesi</i>	3	1	-	-	-	-	-	-	-	-	-	-	3	-	-	-	R
<b>Family: Ichneumonidae</b>																	
<i>Enicospilus sp.</i>	37	-	-	-	3	4	-	-	16	29	35	57	33	30	-	-	D
Unidentified species A	-	5	7	3	-	-	-	-	-	-	-	-	-	-	-	-	R
Unidentified species B	2	-	-	-	-	-	1	1	-	-	1	3	4	2	6	4	F
Unidentified species C	-	3	5	2	14	10	6	5	-	2	1	1	2	-	-	-	F
Unidentified species D	-	-	1	1	2	-	-	-	1	2	4	4	10	-	-	-	F
Unidentified species E	-	2	6	5	-	-	-	-	1	2	2	-	-	-	-	-	F
<b>Order: Diptera</b>																	
<b>Family: Muscidae</b>																	
<i>Musca nubo</i>	3	-	1	7	3	2	1	2	11	12	16	6	3	-	-	3	F
<i>Musca domestica</i>	217	9	15	19	84	83	86	79	116	110	120	173	217	9	13	21	D
<b>Family: Bombyliidae</b>																	
<i>Anthrax sp.</i>	4	-	1	-	-	-	-	-	-	2	1	6	2	-	1	5	F

Contd...

	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Status
Family: Tabanidae																	
<i>Tabanus</i> sp.	1	1	-	-	-	-	-	-	-	-	-	1	2	2	-	-	R
Family: Calliphoridae																	
<i>Chrysomya megacephala</i>	23	-	-	-	-	-	-	-	11	6	14	15	23	-	-	-	F
<i>Chrysomya ruffifacies</i>	10	-	1	-	-	-	-	-	6	2	7	2	10	-	-	-	F
Family: Asilidae																	
<i>Stichopogon</i> sp.	5	11	12	13	15	20	25	30	1	-	4	6	8	16	18	20	D
Family: Culicidae																	
<i>Culex quinquefasciatus</i>	208	20	23	62	102	114	115	98	136	134	164	182	203	19	24	35	D
Order: Dictyoptera																	
Family: Mantidae																	
<i>Mantis religiosa</i>	-	-	-	-	-	-	-	-	-	-	2	-	1	-	-	-	R
<i>Deiphobe incisa</i>	-	-	-	-	-	-	2	-	-	-	-	2	-	-	-	-	R
Family: Blattidae																	
<i>Periplaneta americana</i>	-	-	2	-	-	-	-	-	2	-	-	-	-	-	-	-	R
Order: Orthoptera																	
Family: Acrididae																	
<i>Chrotogonus</i> sp.*	175	27	25	54	87	100	89	79	101	121	140	148	179	26	27	45	D
<i>Ochrilidia</i> sp.*	168	4	10	39	22	21	14	20	51	91	99	123	160	1	5	20	D
<i>Schistocerca gregaria</i>	1	-	-	-	2	3	4	-	1	3	3	3	1	1	1	-	F
<i>Oxya chinensis</i>	33	10	10	9	39	50	58	69	2	4	3	6	33	5	5	10	D
<i>Acrida</i> sp.	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	R
Family: Tettigoniidae																	
<i>Eucenocephalus</i> sp.	4	5	4	6	-	4	7	8	-	5	6	9	5	4	5	6	F
Unidentified species A	3	1	-	-	-	-	5	5	-	-	-	-	-	1	-	-	R
Family: Gryllidae																	
<i>Acheta domesticus</i>	10	17	11	27	33	41	37	42	8	10	11	8	10	24	19	29	D
<i>Gryllus assimilis</i>	12	-	6	8	26	31	35	28	-	2	8	14	13	2	3	6	D
Order: Odonata																	
Family: Libellulidae																	
<i>Pantala flavescens</i>	2	-	-	-	-	-	11	4	4	4	3	2	2	-	-	-	F
<i>Bradinopyga geminata</i>	-	5	8	15	3	4	8	10	4	2	6	8	-	6	8	15	F
Family: Coenagrionidae																	
<i>Agriocnemis femina</i>	8	-	1	-	8	6	5	4	1	10	11	7	10	5	4	-	F
<i>Rhodischnura nursei</i>	-	-	1	1	-	-	2	2	-	-	1	1	-	-	-	-	R
Unidentified species A	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	R
Order: Neuroptera																	
Family: Chrysopidae																	
<i>Chrysopa carnea</i>	193	10	8	20	22	16	16	15	93	103	122	160	194	13	10	18	D
Order: Embioptera																	
Family: Oligotomidae																	
<i>Oligotoma</i> sp.	8	-	-	-	-	-	-	-	-	2	4	7	9	-	-	-	F

D-Dominant , F-Frequent , R-Rare

D>100 100>F>16 R<16

\* insects attaining pest status

Table 3: Total entomofauna (number) observed in light trap collection during the period of study

	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Status
Order: Coleoptera																	
Family: Scarabaeidae																	
<i>Anomala bengalensis</i>	6	10	30	45	20	19	10	1	-	-	-	-	6	9	31	52	D
<i>Onthophagus catta</i>	25	27	28	22	26	19	11	10	-	-	-	-	24	28	27	21	D
<i>Onthophagus bonasus</i>	5	4	5	3	2	1	2	-	-	-	-	-	4	4	5	2	F
<i>Adoretus</i> sp.	6	4	3	2	-	-	-	-	-	-	-	-	4	5	3	2	F
<i>Ochodeus</i> sp.	10	10	15	35	40	36	30	20	-	-	-	-	8	9	15	30	D
<i>Peltonotus nasutus</i>	11	-	-	-	7	9	11	6	-	-	-	-	1	8	7	6	F
<i>Apogonia ferruginea</i>	10	15	17	18	16	15	10	2	1	1	-	-	3	17	16	20	D
Family: Coccinellidae																	
<i>Coccinella septempunctata</i>	-	-	-	-	-	-	-	-	2	2	-	3	-	-	-	9	F
<i>Menochilus sexmaculatus</i>	-	10	-	-	-	-	-	-	-	-	-	-	24	5	-	-	F
Family: Curculionidae																	
<i>Myllocerus</i> sp.	15	16	30	8	-	-	-	-	7	15	14	12	13	7	31	21	D
<i>Hypolixus truncatulus</i>	9	10	11	13	15	17	16	15	-	-	-	-	9	9	8	25	D



	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Status
<b>Family: Cicindellidae</b>																	
<i>Cicindella</i> sp.	-	4	6	7	7	-	-	-	-	-	-	-	-	-	11	10	F
<b>Family: Elateridae</b>																	
<i>Melanotus</i> sp.	-	-	-	-	-	-	-	-	-	-	5	5	3	1	-	-	R
<b>Family: Cerambycidae</b>																	
<i>Plocaederus</i> sp.	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	R
<b>Family: Meloidae</b>																	
<i>Cylindrothorax pictus</i>	4	5	6	5	1	2	1	-	-	-	-	-	3	5	3	11	F
<b>Order: Lepidoptera</b>																	
<b>Family: Noctuidae</b>																	
<i>Earias insulana</i>	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	R
<i>Mythimna separata</i>	-	5	5	-	4	3	7	1	-	-	-	-	-	4	3	-	F
<i>Agrotis ipsilon</i>	45	35	20	10	7	-	-	-	-	-	-	-	40	35	20	12	D
<i>Chrysodeixis chalcites</i>	-	5	7	10	-	-	-	-	-	-	-	-	-	-	-	10	F
<i>Thysanoplusia orichalcea</i>	5	3	4	-	-	-	-	-	-	-	-	-	4	3	4	-	F
<i>Heliothis peltigera</i>	1	1	1	1	-	-	-	-	5	10	3	-	1	-	1	8	F
<i>Spodoptera exigua</i>	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	3	R
<i>Pericallia ricini</i>	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	R
<b>Family: Crambidae</b>																	
<i>Leucinodes orbonalis</i>	-	1	-	-	4	-	-	-	-	-	-	-	-	-	-	-	R
<i>Hymenia recurvalis</i>	5	3	8	10	14	3	2	4	-	-	-	-	-	1	8	30	F
<i>Chaphalocrocis medinalis</i>	-	5	-	5	2	1	-	2	-	-	-	-	-	5	5	4	F
<i>Cryptographis indica</i>	5	5	5	-	-	-	-	-	-	-	-	-	-	5	5	3	F
<b>Family: Hesperidae</b>																	
<i>Hesperilla ornata</i>	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	R
<b>Family: Pyralidae</b>																	
<i>Sphenarches caffer</i>	-	3	6	6	7	4	4	2	-	-	-	-	3	6	-	-	F
<i>Scirpophaga nivella</i>	10	15	10	10	5	-	-	-	-	-	-	-	11	14	9	5	F
<i>Etiella zinckenella</i>	-	5	3	7	-	-	-	-	-	-	-	-	-	3	5	6	F
<b>Family: Arctidae</b>																	
<i>Utethesia pilchella</i>	12	23	11	16	18	10	5	-	-	-	-	-	10	23	11	15	D
<i>Cretonotos gangis</i>	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	R
<b>Family : Geometridae</b>																	
<i>Tephrina</i> sp.	10	7	5	5	3	-	-	-	10	10	11	12	10	7	5	-	F
Unidentified species A	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	R
<b>Order: Hemiptera</b>																	
<b>Family: Pentatomidae</b>																	
<i>Nezara viridula</i>	-	-	-	5	10	20	15	10	-	-	-	-	-	-	-	10	F
<i>Bagrada hilaris</i>	1	1	1	3	5	6	5	-	-	-	-	-	-	1	1	2	F
<b>Family: Pyrrhocoridae</b>																	
<i>Dysdercus cingulatus</i>	-	-	-	-	-	-	-	-	2	-	4	-	5	6	-	9	F
<i>Dysdercus koenigii</i>	-	-	-	-	-	-	-	-	7	5	4	-	2	3	2	1	F
<b>Family: Lygaeidae</b>																	
<i>Aphanus</i> sp.	-	-	-	-	-	-	-	-	-	-	4	6	5	10	7	6	F
<b>Family: Aphididae</b>																	
<i>Lipaphis erysimi</i>	10	-	-	-	-	-	-	-	-	-	-	7	9	-	-	-	F
<b>Family: Fulgoridae</b>																	
<i>Pyrilla perpusilla</i>	5	4	1	-	1	-	-	-	-	-	-	-	6	3	4	2	F
<b>Order: Hymenoptera</b>																	
<b>Family: Apidae</b>																	
<i>Apis florea</i>	4	1	12	3	-	-	-	-	10	10	10	8	4	1	12	-	F
<b>Family: Formicidae</b>																	
<i>Dorylus</i> sp.	40	40	43	35	37	33	20	-	-	-	-	-	-	35	40	41	D
Unidentified sp. C	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	R
<b>Order: Diptera</b>																	
<b>Family: Muscidae</b>																	
<i>Musca nibulo</i>	-	4	3	-	-	-	-	-	1	5	3	1	-	4	3	-	F
<i>Musca domestica</i>	10	5	10	-	-	-	-	-	-	-	-	-	9	4	10	-	F
<b>Family: Culicidae</b>																	
<i>Culex quinquefasciatus</i>	10	5	7	17	20	19	10	10	8	10	-	5	10	5	7	35	D
<b>Order: Dictyoptera</b>																	
<b>Family: Mantidae</b>																	
<i>Deiphobe incisa</i>	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	R

	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Status
<b>Order: Orthoptera</b>																	
<b>Family: Gryllidae</b>																	
<i>Acheta domesticus</i>	10	12	10	1	1	-	-	-	-	-	2	-	10	12	11	1	F
<b>Order: Neuroptera</b>																	
<b>Family: Chrysopidae</b>																	
<i>Chrysopa carnea</i>	-	5	-	5	2	1	-	-	-	-	-	-	-	4	-	-	F
<b>Family: Myrmeleontidae</b>																	
<i>Myrmeleon</i> sp.	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	R
<i>Uluodes quadrimaculatus</i>	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	R
<b>Order: Embioptera</b>																	
<b>Family: Oligotomidae</b>																	
<i>Oligotoma</i> sp.	-	-	3	4	1	-	-	-	-	-	-	-	1	4	4	5	F

D-Dominant, F-Frequent, R-Rare  
 D>100 100>F>16 R□16

