

LIST OF FIGURES

Figure 1 Map of Vadodara showing urban study sites	21
Figure 2 Map of Vadodara showing rural study sites	21
Figure 3 Wheat field in Dabhoi.....	26
Figure 4 Sugarcane field in Waghodia	26
Figure 5 Field of Radish in Padra.....	27
Figure 6 Fields of Castor in Savli	27
Figure 7 Vishwamitri flowing through Sayajibaug.....	28
Figure 8 Vegetation of Sayajibaug	28
Figure 9 Lal baug	29
Figure 10 Pond of Lalbaug.....	29
Figure 11 Department of Zoology, The M.S.University of Baroda.....	30
Figure 12 Garden in front of The Zoology Department	30
Figure 13 Laxmivilas Palace compound	31
Figure 14 Vegetation of Laxmivilas Palace compound	31
Figure 15 Lane in new city area	32
Figure 16 Lane in old city area.....	32
Figure17 <i>Ephemera vulgata</i>	95
Figure18 <i>Euconocephalus</i> sp.	95
Figure19 <i>Tryxalis turrita</i>	95
Figure20 <i>Liogryllus bimaculatus</i>	96
Figure21 <i>Gryllotalpa fossor</i>	96
Figure22 <i>Labia minor</i>	96
Figure23 <i>Diplocodes trivialis</i>	97
Figure24 <i>Cereagrion coromandelianum</i>	97
Figure25 Group of <i>Anaciaeschna jaspidea</i>	97
Figure26 <i>Megaphasma</i> sp.	98
Figure27 <i>Gongylus gongiloides</i>	98
Figure28 <i>Platypleura octoguttata</i>	99
Figure29 <i>Niphotectix nigropictus</i>	99
Figure30 <i>Oxyrachis tarandus</i> (mating pair).....	100
Figure31 Colony of <i>Aphis nerii</i>	100
Figure32 <i>Pyrilla perpusilla</i>	100

Figure33 <i>Harpactor costalis</i>	101
Figure34 <i>Antilochus coqueberti</i>	101
Figure35 <i>Lygaeus militaris</i>	102
Figure36 <i>Petillia lobipes</i>	102
Figure37 <i>Halys dentatus</i>	102
Figure38 <i>Aspongopus janus</i>	103
Figure39 <i>Chrysocoris stoll</i>	103
Figure40 <i>Coptosoma testaceum</i>	103
Figure41 <i>Belostoma indicum</i>	104
Figure42 <i>Laccotrephes maculatus</i>	104
Figure43 <i>Brachynemurus abdominalis</i>	105
Figure44 <i>Helicomitus species</i>	105
Figure45 <i>Calosoma orientalis</i>	106
Figure46 <i>Paussus nauceras</i>	106
Figure47 <i>Halplus augustifrons</i>	106
Figure48 <i>Henosepilachna vigintioctopunctata</i>	107
Figure49 <i>Aspidomorpha diformis</i>	107
Figure50 <i>Psiloptera cupriosplendense</i>	107
Figure51 <i>Hydrous indicus</i>	108
Figure52 <i>Oryctes rhinoceros</i>	108
Figure53 <i>Catharsius molossus</i>	109
Figure54 <i>Oxycetonia versicolor</i>	109
Figure55 <i>Chrysolampra indica</i>	109
Figure56 <i>Psaldolytta menoni</i>	110
Figure57 <i>Cybister punctatus</i>	110
Figure58 <i>Holotrichia insularis</i>	110
Figure59 <i>Sybaris testaceus</i>	111
Figure60 <i>Pseudoblaps mellyi</i>	111
Figure61 <i>Plocaederus ferrugineus</i>	111
Figure62 <i>Agrypnus fuscipes</i>	112
Figure63 <i>Synoxylon anale</i>	112
Figure64 <i>Paederus fuscipes</i>	112
Figure65 <i>Cyrtolozernia dispar</i>	113
Figure66 <i>Anopheles sp.</i>	113

Figure67 <i>Sargus metallinus</i>	114
Figure68 <i>Allocotasia aurata</i>	114
Figure69 <i>Conosia irrorata</i>	115
Figure70 <i>Argyramoeba distigmata</i>	115
Figure71 <i>Hippobosca variegata</i>	115
Figure72 <i>Tabanus striatus</i>	116
Figure73 <i>Condyllostylus species</i>	116
Figure74 <i>Sphaerophoria scutellaris</i>	116
Figure75 <i>Pycnosoma flaviscep</i>	117
Figure76 <i>Lucilia illustris</i>	117
Figure77 <i>Stomoxys calcitrans</i>	117
Figure78 <i>Sphyracephala hearseyana</i>	118
Figure79 <i>Dacus dorsalis</i>	118
Figure80 <i>Thereatra nessus</i>	118
Figure81 <i>Trichoplusia ni</i>	119
Figure82 <i>Venessa/Vanessa cardui</i>	119
Figure83 <i>Papilio demoleus</i> (underwings).....	119
Figure84 <i>Rhodogastrea astreas</i>	120
Figure85 <i>Asota iodamia</i>	120
Figure86 <i>Syntomis passalis</i>	121
Figure87 <i>Colotis danae</i>	121
Figure88 <i>Nausinoe geometralis</i>	121
Figure89 <i>Scirpophaga auriflua</i>	122
Figure90 <i>Atteva niveigutta</i>	122
Figure91 <i>Pelopidas mathias</i>	122
Figure92 <i>Tarucus extricatus</i>	123
Figure93 <i>Zizeeria karsandra</i>	123
Figure94 Family: Pterophoridae.....	123
Figure95 <i>Stilbum cyanurum</i>	124
Figure96 <i>Xanthopimpla stemmator</i>	124
Figure97 <i>Stegonomus nodicornis</i>	124
Figure98 <i>Scolia quadripustulata</i>	125
Figure99 <i>Pompilus unifasciatus</i>	125
Figure100 <i>Sphex lobatus</i>	125

Figure101 <i>Eumenes esuriens</i>	126
Figure102 <i>Icaria ferruginea</i>	126
Figure103 <i>Brachymeria hearseyi</i>	126
Figure104 <i>Odynerus ovalis</i>	127
Figure105 <i>Ceratina binghamii</i>	127
Figure106 <i>Megachile lanata</i>	127
Figure107 <i>Anthophora fallax</i>	128
Figure108 <i>Nomia westwoodii</i>	128
Figure109 <i>Apis dorsata</i> with <i>C.sexmaculata</i> On <i>Gaillardia</i>	128