

## Contents

Preface to the Third Edition	5
How to Use this Book	8
Introduction	9
The Biology of Insects	11
The Structure of Insects	12
Internal Anatomy	21
The Senses	23
The Insect's Life History	23
Collecting and Preserving Insects	25
Hunting	26
Baits and Traps	28
Preservation	29
Breeding Insects	32
The Classification of Insects	33
Key to the Orders of European Insects	38
<b>THE APTERYGOTES</b>	
Order Thysanura – Bristletails	45
Order Diplura – Two-pronged Bristletails	47
Order Protura	48
Order Collembola – Springtails	48
<b>THE PTERYGOTES</b>	
Order Ephemeroptera – Mayflies	52
Order Odonata – Dragonflies	57
Order Plecoptera – Stoneflies	64
Order Orthoptera – Grasshoppers and Crickets	68
Order Phasmida – Stick Insects	77
Order Dermaptera – Earwigs	78

Order Embioptera – Web-spinners	81
Order Dictyoptera – Cockroaches and Mantids	82
Order Isoptera – Termites	86
Order Psocoptera – Psocids or Booklice	88
Order Mallophaga – Biting Lice and Bird Lice	95
Order Anoplura (= Siphunculata) – Sucking Lice	96
Order Hemiptera – The True Bugs	97
Order Thysanoptera – Thrips	125
Order Neuroptera – Alder Flies, Snake Flies, and Lacewings	127
Order Coleoptera – Beetles	134
Order Strepsiptera – Stylopids	161
Order Mecoptera – Scorpion Flies	163
Order Siphonaptera – Fleas	165
Order Diptera – Two-winged Flies or True Flies	170
Order Lepidoptera – Butterflies and Moths	213
Order Trichoptera – Caddis Flies	245
Order Hymenoptera – Bees, Wasps, Ants, and others	253
Glossary	287
Entomological Suppliers	299
Bibliography	300
Index	308