

A Text Book of
Invertebrates
(Non-Chordates)

This Book Contains

☞ **General Characters**

☞ **Classification**

☞ **53 Detailed
Types**

☞ **78 General
Topics**

☞ **16 Minor Phyla**

☞ **19 Topics on
Invertebrate
Phylogeny**

☞ **229 Museum
Specimens**

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Invertebrata

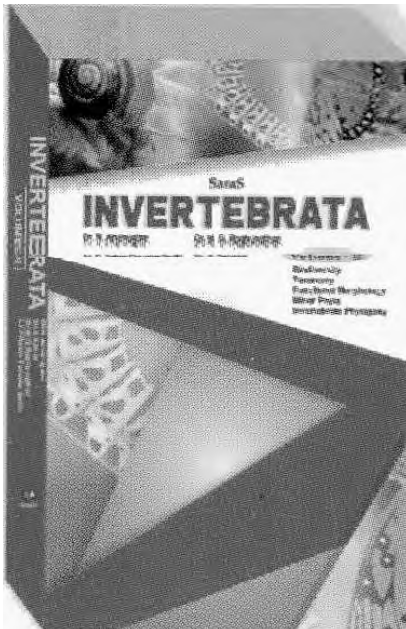
(Vol I)

Dr. Capt. N. Arumugam

Dr. S. Kannan

Dr. M.G . Rangunathan

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Invertebrata

(Vol II)

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Dr. M.G . Rangunathan

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Pages:526

A Text Book of **Invertebrates** **(Non-Chordates)**

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Preface

A student who has just entered the portals of colleges finds it difficult to understand the subjects taught to him/her. This difficulty is mainly due to his/her poor standard of English. While preparing this Book the authors had in mind this particular difficulty of our students. This Book is written in a very simple and easy style. It is up-to-date and exhaustive in covering the syllabus.

We are immensely thankful to the authors for their kind co-operation in preparing the Book. We are immensely thankful to Annai Nilayam, Sivakasi for neatly printing the book. Suggestions for the improvement of the book are always welcome.

-Publisher

Why to Buy this Book

- This Book is written solely for *Examination going Students*.
- *Examination* oriented.
- *Easy* to Answer the Questions.
- Very *Simple*.
- Point by point description.
- Points are arranged *sequentially*.
- Hence easy to *remember*.
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- Neat Diagrams.
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- Helps in writing Observation Note Book.
- Helps in preparing *Competitive Exams*.
- This Book Contains
 - ◊ 26 *Taxonomy Topics*.
 - ◊ 55 *Detailed Types*.
 - ◊ 229 *Museum specimens*.
 - ◊ 78 *General essays*.
 - ◊ 19 *Topics in Invertebrate Phylogeny*.
 - ◊ 16 *Minor phyla*

**Every Zoology
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Keep One Copy of this Book**

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6. Museum Specimens

1. Protozoa

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2. Porifera

Clathrina, *Leucillia*, *Euplectella*, *Pheronema*, *Oscarella*, *Cliona*, *Chalina* or *Mermaids gloves* or *Deadman's finger*, *Euspongia*, *Spongilla*, *Poterion*, *Hippospongia*, *Hyalonema*, *Spicules*, *Gemmules*

3. Cnidaria

Hydra, *Medusa of Obelia*, *Hydractinia*, *Bougainvillea*, *Tubularia*, *Obelia*, *Campanularia*, *Millepora*, *Diphyes*, *Halitemma*, *Veleva*, *Physalia*, *Porpita*, *Lucernaria*, *Aurelia*, *Tubipora*, *Alcyonium*, *Heliopora*, *Corallium* (*RedCoral*), *Gorgonia*, *Pteroides*, *Cavernularia*, *Pennatula*, *Metridium*, *Edwardsia*, *Madrepora*, *Astraea*, *Fungia*, *Zoanthus*, *Cerianthus*

4. Platyhelminthes

Planaria (*Dugesia*), *Gunda*, *Fasciola hepatica*, *Miracidium Larva*, *Redia Larva*, *Cercaria*, *Paramphistomum*, *Polystomum*, *Taenia solium*, *Echinococcus*, *Schistosoma*

5. Nematoda

Brachionus, *Trichuris*, *Trichinella*, *Ascaris lumbricoides*, *T.S. of Male Ascaris*, *T.S. of Female Ascaris*, *Dracunculus medinensis*, *Wuchereria bancrofti*, *Ancylostoma duodenale*, *Enterobius vermicularis*

XIV

6. Annelida

Nereis, *T.S. of Nereis*, *Heteronereis*, *Trochophore larva*, *Aphrodite*, *Eunice*, *Polynoe*, *Glycera*, *Syllis*, *Tomopteris*, *Amphitrite*, *Arenicola*, *Sabella*, *Spirorbis*, *Serpula*, *Terebella*, *Chaetopterus*, *Tubifex*, *Aelosoma*, *Lumbricus*, *Megascolex*, *Pontobdella*, *Ozobranchus*, *Branchellion*, *Glossiphonia*, *Haemadipsa*, *Herpobdella*

7. Arthropoda

Peripatus, *Limulus*, *Scorpion (Palamnaeus)*, *Spider*, *Tick*, *Mite*, *Streptocephalus*, *Daphnia*, *Cypris*, *Cyclops*, *Eucalanus*, *Lepas*, *Balanus*, *Sacculina*, *Mysis*, *Squilla*, *Penaeus*, *Crab*, *Palaemon*, *Panulirus*, *Eupagurus*, *Emerita*, *Leucifer*, *Nauplius*, *Protozoa*, *Zoea of Penaeus*, *Zoea of Crab*, *Mysis Larva*, *Phyllosoma*, *Alima*, *Megalopa*, *Spirostreptus*, *Scolopendra*, *Lepisma*, *Phyllium*, *Mantis*, *Termite*, *Pediculus*, *Dragonfly*, *Bombyx*, *Ephemera*, *Cimex*, *Carausius*, *Nepa*, *Belostoma*, *Drosophila*, *Mosquito*, *Musca*, *Xenopsylla*, *Oryctes rhinoceros*, *Apis*, *Silk worm*, *Sting of Honey bee*, *Mouth Parts of Honey bee*

8. Mollusca

Neomenia, *Chaetoderma*, *Neopilina*, *Chiton*, *Patella*, *Haliotis*, *Cypraea*, *Aplysia*, *Cresis*, *Limnaea*, *Pila*, *Onchidium*, *Vaginulus*, *Doris*, *Lamellidens*, *Solen*, *Pholas*, *Teredo*, *Mytilus (Perna)*, *Crassostrea*, *Pinctada*, *Pecten*, *Nautilus*, *Sepia*, *Octopus*, *Loligo*, *Argonauta*, *Dentalium*

9. Echinodermata

Asterias, *Bipinnaria*, *Ctenodiscus*, *Porcellanaster*, *Astropecten*, *Luidia*, *Pentaceros*, *Solaster*, *Ophiothrix*, *Ophiopluteus*, *Gorgonocephalus*, *Salmacis*, *Echinopluteus*, *Echinocardium*, *Cucumaria*, *Synapta*, *Auricularia*, *Echinopluteus*, *Antedon*, *Doliolaria*

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