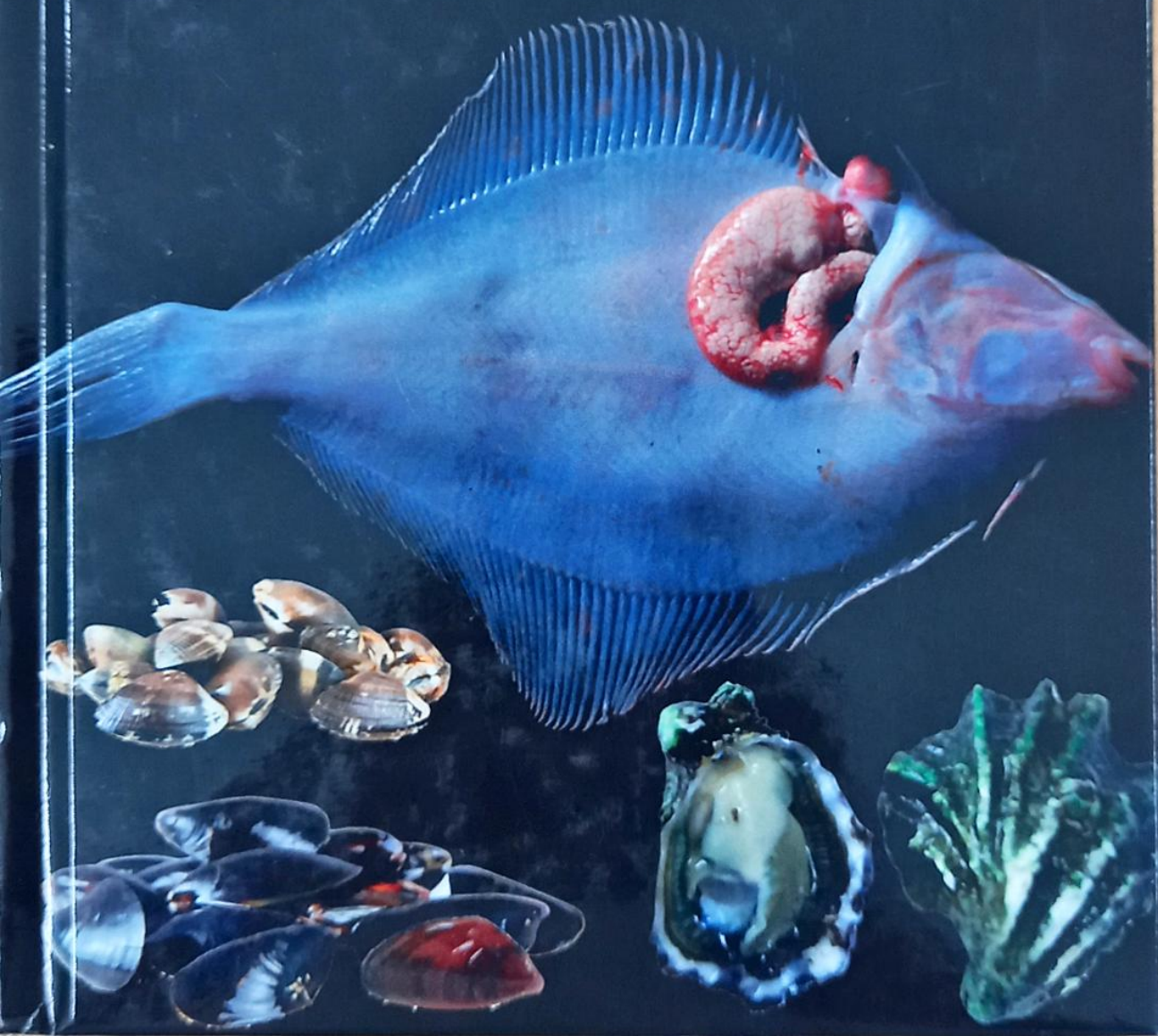


PARASITIC DISEASES OF FINFISH AND SHELLFISH

Dr. Shalini Anand



Parasitic Diseases of Finfish and Shellfish

Dr. Shalini Anand



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Parasitic Diseases of Finfish and Shellfish

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Contents

1	Introduction	1
	Introduction	1
	Bacterial Diseases of Fish	5
	Bacterial Effect on Fish	11
	Cause	13
	Disease Control	19
2.	Fish Diseases and Disorders	41
	Hyperactive Children Lack Essential Fatty Acids	41
	Blood Viscosity as a Factor in All Metabolic Diseases	42
	Disorders of the Swim-Bladder	47
	Carnitine Biosynthesis and Metabolism	48
	Secondary Genetic Carnitine Deficiency	51
	Oils Reduce ADHD Symptoms	63
	Attention-Deficit Disorder in Adults	64
	Fish Oils may Help Dyslexic Children	65
3.	Parasites Diseases in Marine Fishes	75
	Worms	75
	Parasites and Pollution	76
	Epidermal Parasitic Skin Diseases	81
	Fish Parasite Treatments	89
	Parasitic Protozoa	91
4.	Handling Shellfish	103
	Fish Byproducts	104
	Handling wet Fish	104
	The Effect of Hygiene during Handling	108
	Fish Boxes in Developing Countries	114
	Basics of Fresh Fish Handling and use of Ice	117
	Properties of Materials Used for Fish Boxes and Insulated Containers	121

The Importance of Containers in Fish Handling	123
Freezing and Cold Storage of Fish	125
The Effect of Fish Species, Fishing Ground and Season	130
Hygiene Requirements for Different Packing Materials	134
5. Parasites in Fish	140
The two Types of Parasites	141
Identification of A Parasitic Problem	149
Fish Diseases	156
Freshwater Fish Disease	157
Spreading Disease and Parasites	167
Common of Parasites in Fish	168
Diseases and Parasites of Fish	172
Parasitic Crustacea	176
6. Diseases and Parasites of Baltic Fish	180
Fungus (Saprolegnia) Disease in Fish	188
Viral Diseases	190
Neon Tetra Disease	190
7. Freshwater Fish Parasites	193
Antibiotics and Cell-mediated Immunity in Fish	203
Dietary Fat and Immune Response	209
Freshwater Pearls	214
Fish Farming with Plam Trees	217
Fish Samples Comprising	225
8. Pests Control Management and Fish Diseases	228
Introduction	228
Importance of Health Management in Aquaculture	231
Fish Diseases and their Control	238
Major Types Of Fish Diseases	239
Diseases Caused by other Factors	241
Diseases of Fish	249
Control of other Diseases and Fish Enemies	259
<i>Bibliography</i>	261
<i>Index</i>	263

PARASITIC DISEASES OF FINFISH AND SHELLFISH

Parasites in fish are a natural occurrence and common. Parasites can provide information about host population ecology. Infisheries biology, for example, parasite communities can be used to distinguish distinct populations of the same fish species co-inhabiting a region. Additionally, parasites possess a variety of specialized traits and life-history strategies that enable them to colonize hosts. Understanding these aspects of parasite ecology, of interest in their own right, can illuminate parasite-avoidance strategies employed by hosts. Parasites have arisen by evolution from what were free-living animals (animals not living on or in another animal, and not reliant on another to draw their nourishment). They often resemble their ancestors a good deal, but have become better adapted for a parasitic life. Some parasites have developed organs, such as suckers for hanging on to their hosts. Many lay tremendous numbers of eggs because the chances that any one egg will infect a new host are incredibly small. Parasites have generally changed biochemically and immunologically, so they can survive inside another organism and not be digested or killed. Some of them depend on their hosts for compounds that their ancestors could synthesize. The shellfish industry, although only a small part of the fish industry as a whole, has grown considerably in recent years, and the products are generally high value ones. The principal species in order of importance are Norway lobster or scampi, lobster, scallop, crab, cockle, crawfish and oyster. Mussels and shrimp make only small contributions to British landings at the present time, but their fisheries are capable of considerable expansion. The book covers most interesting chapters and will guide to identify and manage parasitic diseases including some aspects of latest developments in fish parasitological research.

Contents: Introduction; Fish Diseases and Disorders; Parasites Diseases in Marine Fishes; Handling Shellfish; Parasites in Fish; Diseases and Parasites of Baltic Fish; Freshwater Fish Parasites; Pests Control Management and Fish Diseases.

About the Author



Dr. Shalini Anand, a young dynamic professor of great repute and credible scholar of school of life science, Dr. B.R. Ambedkar University, Agra. She is also a eminent research scholar in the field of Toxicology and obtained M.Phil. and Ph.D. from Dr. B. R. Ambedkar University Agra. She has 10 years teaching experience of U.G. and PG. Classes in the field of Toxicology and Environmental Biology. Now a days she is working as an assistant. Professor in the department of Zoology at Dolphin (P.G.) Institute of Biomedical and Natural Sciences Dehradun Uttarakhand. This is his latest endeavor which is the result of his toilsome labour, spanning even a couple of years. Dr. Anand has several Research papers to his credit in the field of Toxicology of environmental biology.



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