

Contents

About the author	9
Acknowledgements	10
Introduction	11
1. How to use this book	13
2. QUESTIONNAIRE, CAUSES of fish disease and QUARANTINE: To spot or prevent diseases and problems.	15
A. Self-examination with questionnaire	16
B. Causes of fish disease	18
C. Quarantine	23
3. Diagnostic photo list and Behaviour: To recognise signs of disease with the help of 150 PHOTOGRAPHS	25
A. Fin and tail rot	26
B. Pale or white patches on the skin	27
C. Turbidity of the skin	29
D. Red or bloody patches on the skin and ulcers	31
E. Holes/pits/craters	34
F. Spots/dots/wart-like clumps	36
G. Cotton-like growth	39
H. Lice and worms on the fish	41
I. Eye problems	42
J. Swollen or emaciated fish	44
K. Discoloration of the fish	46
L. Deformities	48
M. Behaviour of sick fish	50
4. Microscopic examination: for specialists	53
5. THE MAJOR FISH SPECIES (families) WITH THEIR MOST COMMON DISEASES; with 400 PHOTOGRAPHS	61
A. Salmonids or Tetras (<i>Characiformes</i>)	62
B. Cypriniformes (<i>Cyprinidae</i>)	69
C. Gouramis/Labyrinthfishes (<i>Perciformes-Anabantoidei</i>)	73
D. Livebearers (<i>Poeciliidae-Goodeinae</i>)	79
E. Killies (<i>Aplocheilidae, ex-Cyprinodontidae</i>)	84
F. Rainbowfishes (<i>Atheriniformes</i>)	85
G. Catfishes (<i>Siluriformes</i>)	86
H. African Cichlids (<i>Cichlidae Africa</i>)	92
I. American Cichlids (<i>Cichlidae America</i>)	98
J. Various Fish Species	107
K. Goldfish/Koi (<i>Carassius/Cyprinus carpio</i>)	114