

Contents

Foreword by Heiko Bleher & Hans J. Mayland	8
Acknowledgements	12
Discus – an introduction	14
How to use this book	22
Chapter 1: The History of Discus	26
<i>First discovery</i>	28
<i>The second discus</i>	41
<i>Discoveries in the 20th century</i>	48
Chapter 2: The Taxonomy of Discus	108
<i>Heckel's work</i>	108
<i>Pellegrin's description</i>	114
.....	114
<i>Schultz's revision</i>	118
<i>Kullander's synonyms</i>	130
<i>Taxonomy comments by Jacques Géry & Heiko Bleher</i>	134
Chapter 3: Distribution	140
<i>The distribution of discus</i>	142
<i>Distribution of the discus variants</i>	144
<i>Maps of the discus regions (maps 1-8)</i>	146
Chapter 4: Discus Variants in Nature	162
<i>The Heckel discus (Symphysodon discus)</i>	164
<i>The green discus (Symphysodon aequifasciatus)</i>	178
<i>The brown discus & the blue discus (Symphysodon haraldi)</i>	190
Chapter 5: Natural Habitats of Discus & Collecting	214
<i>Habitats, including different water types, chemical parameters, and temperatures</i>	216
1. <i>Belém and surrounding area; Rio Tocantins; island of Marajó and Jari; Rio Xingú</i>	216

2. <i>Rio Paru to Santarém; Santarém-Tapajós region; Alenquer region; Óbidos and surrounding area</i>	242
3. <i>Oriximiná and Trombetas region; Rio Nhamundá region; Parintins region; Rio Uatumã; Rio Urubu</i>	288
4. <i>Maués region and Rio Abacaxis; Rio Madeira region; Manacapuru region</i>	332
5. <i>Rio Negro region; Rio Branco region</i>	354
6. <i>Purus region; Tapauá region</i>	395
7. <i>Coari region; Tefé region; Rio Japurá; Rio Juruá region</i>	432
8. <i>Rio Jutai; Tonantins and Rio Içá; São Paulo de Olicença; Tabatinga-Benjamin Constant region; Leticia-Putumayo (Colombia and Peru); Nanay region (Peru)</i>	468
<i>Water types, chemical parameters, and temperatures – a summary</i>	504
<i>Discus nutrition in the wild</i>	510
– <i>Detritus</i>	512
– <i>Vegetable material (flowers, fruits, seeds, leaves)</i>	514
– <i>Algae and micro-algae</i>	540
– <i>Aquatic invertebrates</i>	560
– <i>Terrestrial and arboreal arthropods</i>	578
– <i>A summary of the discus diet in the wild</i>	590
<i>Discus communities – sympatric species & predators</i>	596
<i>Collecting</i>	624
<i>Glossary</i>	640
<i>References</i>	647
<i>Index</i>	656
<i>Photo credits</i>	670
<i>About the author</i>	671