

## Contents

<b>8</b>	<b>About the Authors</b>
<b>12</b>	<b>Foreword</b>
<b>18</b>	<b>Natural Environment at a Glance</b>
20	Rivers as Landscapers
24	River Bifurcation Zones
25	River Meanders
27	The Lower Course of the Drava and the Lower Middle Course of the Danube
30	The Habitat Types of the Drava Lowlands
<b>34</b>	<b>The Mura-Drava-Danube River Ecosystem</b>
34	Source and Upper Course
36	The Drava Upstream of the Mura Confluence
42	Mura – The Meandering River
47	The Croatian-Hungarian Border Zone
49	The Drava Forests
51	The Drava-Danube Confluence
<b>58</b>	<b>History and Culture</b>
60	A Journey to the Past
66	Life and Economy on the River
<b>67</b>	<b>Agriculture</b>
71	Old Livestock Breeds – A Forgotten Natural and Cultural Asset
72	Horses
74	Cattle
76	Sheep
78	Pigs
80	The Advantages of Livestock for a Dynamic River Landscape
82	The Timber Industry and the River as Transport Route
84	The Forest and Hunting
85	Danube – The Fishermen of Apatin
87	Fishpond Cultures
88	Vojvodina – Land of Fishponds
90	Fisheries Today

<b>92</b>	<b>Fauna</b>
<b>94</b>	<b>Mammals</b>
<b>103</b>	<b>Amphibians and Reptiles</b>
<b>107</b>	<b>Fishes – Life in Water</b>
109	Typical River Fishes
111	Still Water Fishes
113	River Wanderers
115	New Fish Species
<b>116</b>	<b>Birds</b>
118	Gravel Island Habitat
123	Undercut Banks for Cavity Nesters
130	The River as Feeding Ground
133	Dynamic Riparian Landscapes – A Paradise for Birds
140	Fishpond Cultures
142	Reservoirs
148	Cultural Landscape
152	International Waterbird Censuses (IWC)
<b>156</b>	<b>Insects</b>
156	Dragonfly Diversity
160	Swarms of Flies in an Insect Paradise
163	Surviving the Floodwaters
164	Insect Abundance in Riparian Forests
<b>166</b>	<b>Flora</b>
168	Water and Marsh Plants
171	Colonisers of Sand and Gravel Banks
<b>172</b>	<b>Meadows and Pastures</b>
<b>173</b>	<b>Lowland Forests</b>
176	Woodland Communities of the Lowland Forests
<b>180</b>	<b>Threats and Conservation</b>
182	Hydroelectric Power Plants and Their Consequences
183	Sinking Groundwater Levels/Draining the Floodplains
186	Groundwater Pollution

187	Decline of Fish Fauna
190	So Much for Flood Protection
192	River Protection
196	The Struggle Continues
198	Mura-Drava-Danube Biosphere Reserve
199	The 5-Country Biosphere Reserve takes Shape
201	Joint Projects Fuse Together
202	Old Hydropower Projects as Touchstones
203	The Fate of all Rivers Will Be Decided by the Mura
204	Protected Areas in the Biosphere Reserve
206	Protected Areas in the 5-Country Biosphere Reserve Mura-Drava-Danube
208	Protected Areas in the Biosphere Reserve
208	Austria
209	Slovenia
210	Croatia
211	Hungary
212	Serbia
<b>214</b>	<b>Travel Information</b>
216	Arrival and Transportation
218	Accommodations
219	General Birdwatching Tips
221	Cultural Monuments and Thermal Baths
223	Thermal Baths along the Mura, Drava and Danube Rivers
227	European Stork Villages
<b>230</b>	<b>Places to See and Experience in the Mura River Landscape</b>
230	Bad Radkersburg – The Rich Rivers and Cultural Landscape with its "Murnockerln"
233	Radenci to Razkrižje – Land of Riparian Forests and Floating Mills
235	Meanders and Oxbow Lakes in Murska šuma and Križovec
240	The Border Meanders between Letenye and Murakeresztúr
241	Čakovec and the Structured Cultural Landscape of the Međimurje
<b>243</b>	<b>Places to See and Experience in the Drava River Landscape</b>

243	Ptuj – Water Town and River Culture
247	Ormož on the Drava Border
253	Between Legrad and Bares – A Wildly Dynamic River Landscape
261	Repaš Forest
263	Meadows and Pastures: Molve – Đurđevac and Berzence – Belavár
268	Križnica – River Meanders Writing Border History
268	Dravászentés – The Rebirth of an Ancient Pasture Landscape
270	Bares – Donji Miholjac: A Landscape of Severed Meanders Bends
274	The Largest Drava Floodplain Forests – Donji Miholjac to Osijek
275	Kopački rit – A Natural Paradise Par Excellence
<b>281</b>	<b>Places to See and Experience in the Danube River Landscape</b>
281	The Gemenc Riparian Forest
283	Pörböly – Artificial Dry Floodplains and Temporary Flooding
284	Danube – Escarpments near Mohács and the Bank Country
287	White Stork Museum in Kölked
288	Béda and Karapancsa
291	Mostonga Salt Marshes and Kolut Fishponds
295	Gornje Podunavlje and Sombor
297	Štrbac and Kozara
298	Apatin
299	A Chain of Fishponds: Svilojevo, Srpski Miletić, Deronje and Bač
302	Danube near Bačka Palanka and Ilok
303	Novi Sad
<b>305</b>	<b>General Information</b>
305	Maps
312	Safety
312	Minefields in Croatia
<b>314</b>	<b>Background Information about Regional Names</b>
<b>315</b>	<b>Addresses</b>
<b>322</b>	<b>Acknowledgements</b>
<b>323</b>	<b>Species Index</b>
<b>334</b>	<b>Keyword Index</b>
<b>334</b>	<b>Place Index</b>
<b>336</b>	<b>Bibliography</b>