

## CONTENTS

▶ <b>Preface</b>	8
▶ <b>Systematics</b>	10
Family Emydidae	10
Synonyms of <i>Emys orbicularis</i>	14
Popular names	16
▶ <b>Fossils</b>	18
▶ <b>Description</b>	21
Size and weight	21
Appearance	24
Colouration	25
Secondary sexual characters	26
Haemogram	27
▶ <b>Subspecies</b>	28
Insert: The mitochondrial DNA	30
The subspecies concept according to FRITZ	36
Subspecies Table	37
Karyotype	40
▶ <b>Distribution</b>	41
Present distribution	41
Box: Conditions for the reintroduction of the European pond turtle	43
▶ <b>Biotopes &amp; habits</b>	85
Biotopes	85
Habits	88
Annual cycle	88
Thermoregulation and diurnal cycle	90
Feeding	92
Reproduction	92
Nesting	96
Juvenile development	103
▶ <b>Threats &amp; protection measures</b>	106

## CONTENTS

► <b>Keeping &amp; breeding</b>	111
Keeping in the indoor terrarium	111
Keeping in outdoor terraria	114
Box: Is an outdoor compound also suited for natural reproduction?	117
Raising in outdoor terraria	118
Acquisition and health check	118
Species protection rules	119
Feeding	120
Box: Feeding "turtle pudding"	124
– how much and how often?	125
► <b>Climatic annual cycle</b>	127
Basics	127
Hibernation	127
► <b>Captive breeding &amp; raising</b>	129
Courtship behaviour and copulations	129
Egg-laying	129
Artificial incubation of eggs	131
Box: Temperature-dependend sex determination (TDSD)	133
Hatching	135
Raising	136
Hybrids, multiples and deformities	138
► <b>Diseases &amp; parasites</b>	139
Hygiene	139
First aid for...	141
Feeding-related problems	142
Illnesses following wrong keeping	143
Infections with endoparasites	144
► <b>Cultural history</b>	147
The genus <i>Emys</i> in philately and numismatics	150

## CONTENTS

▶ <b>Appendix to <i>Emys orbicularis</i></b>	<b>157</b>
The situation of the European pond turtle in North Africa	160
... in Spain	163
... in France	167
... in the Benelux countries	172
... in Switzerland	173
... in Germany	175
... in Italy	180
... in Denmark	183
... in Austria	185
... in the Czech Republic	188
... in Slovenia	190
... in Poland	193
... in Hungary	196
... in Slovakia	199
... in Albania	202
... in Greece	203
... in Romania	206
... in Lithuania	209
... in Latvia	213
... in Bulgaria	216
... in Ukraine	219
... in Belarus	223
... in Turkey	226
... in Russia	230
▶ <b>Climate tables</b>	<b>234</b>
▶ <b>Pictor</b>	<b>250</b>
▶ <b>Periodicals &amp; Addresses</b>	<b>251</b>
Periodicals	251
Associations	251
Veterinaries and institutions examining feces samples, swabs, deceased animals etc.	252
▶ <b>Glossary</b>	<b>253</b>
▶ <b>References</b>	<b>254</b>
▶ <b>Acknowledgements</b>	<b>270</b>