

Contents

Preface	7
Acknowledgements	8
About this book	9
Diversity of European amphibians and reptiles and their origin	11
Natural species composition in Europe	11
Alien species	14
Threats and conservation	16
How to watch amphibians and reptiles	18
Where to watch amphibians and reptiles	25
Amphibian eggs and larvae	44
Amphibian eggs	44
Newt and salamander larvae	47
Frog and toad larvae	50
Checklist of European amphibians and reptiles	55
Species accounts	59
AMPHIBIANS (AMPHIBIA)	59
Salamanders and Newts (Urodela)	60
True Salamanders and Newts (Salamandridae)	61
Lungless Salamanders (Plethodontidae)	105
Asiatic Salamanders (Hynobiidae)	110
Olm (Proteidae)	112
Frogs and Toads (Anura)	114
Clawed Frogs (Pipidae)	115
Midwife Toads (Alytidae)	117
Painted Frogs (Discoglossidae)	127
Fire-bellied Toads (Bombinatoridae)	132
Spadefoot Toads (Pelobatidae)	138
Parsley Frogs (Pelodytidae)	145

True Toads (Bufonidae)	148
Tree Frogs (Hylidae)	157
True Frogs (Ranidae)	164
Brown Frogs <i>Rana</i> species	164
Water Frogs <i>Pelophylax</i> species	179
REPTILES (REPTILIA)	197
Turtles, Tortoises and Terrapins (Testudines)	197
Tortoises (Testudinidae)	198
Terrapins (Emydidae and Geoemydidae)	206
Sea Turtles (Cheloniidae and Dermochelyidae)	212
Lizards (Sauria)	217
Agamas (Agamidae)	218
Chameleons (Chamaeleonidae)	219
Geckos (Gekkonidae, Sphaerodactylidae, Phyllodactylidae)	223
True Lizards (Lacertidae)	232
Green Lacertas	248
Small Lacertas	263
Skinks (Scincidae)	333
Slow Worms (Anguidae)	342
Worm Lizards (Amphisbaenia)	347
Snakes (Serpentes)	350
Blind Snakes (Typhlopidae)	354
Sand Boas (Erycidae)	355
Colubrids (Colubridae)	357
Water Snakes (Natricidae)	393
African Sand Snakes (Psammophiidae)	400
Vipers (Viperidae)	403
Glossary	425
Snakebite emergency	427
Selected references and further reading	428
Photographic credits	429
Index	430