

Contents

Preface ix

1	Phylogeny, Classification, and Morphological Evolution	i
2	Water Relations	82
3	Temperature Relations	122
4	Respiration	157
5	Metabolism and Energetics	184
6	Movements and Orientation	230
7	Anuran Vocal Communication	268
8	Mating Systems and Sexual Selection in Anurans	338
9	Communication and Social Behavior of Urodeles and Caecilians	403
10	The Natural History of Amphibian Reproduction	451
11	Parental Care	516
12	The Ecology and Behavior of Amphibian Larvae	557
13	Complex Life Cycles and the Ecology of Amphibian Metamorphosis	599
14	Amphibians and Their Predators	645
15	The Ecology of Amphibian Communities	729
16	Conservation of Amphibians	784

References 857

Index 1085