

1. Record Nr.	UNINA9910825070403321
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Titolo	Amphibian evolution : the life of early land vertebrates // Rainer R. Schoch
Pubbl/distr/stampa	Chichester, West Sussex, United Kingdom : , : John Wiley & Sons, , 2014 ©2014
ISBN	1-118-75912-5 1-118-75913-3 1-118-75915-X
Descrizione fisica	1 online resource (294 p.)
Collana	TOPA Topics in Paleobiology
Disciplina	567/.8
Soggetti	Amphibians, Fossil Paleobiology Amphibians - Evolution
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Amphibian Evolution: The Life of Early Land Vertebrates; Copyright; Contents; Preface; Acknowledgments; 1 Introduction; 1.1 Changing paradigms in amphibian evolution; 1.2 Paleobiology: data, methods, and time scales; 1.3 Concepts and metaphors: how scientists "figure out" problems; 1.4 Characters and phylogenies; 1.5 What's in a name?; References; 2 The Amphibian World: Now and Then; 2.1 Tetrapoda; 2.1.1 The tetrapod skeleton; 2.1.2 Tetrapod characters; 2.1.3 Stem-tetrapods (Tetrapodomorpha); 2.1.4 Carboniferous tetrapods or tetrapodomorphs?; 2.2 The amniote stem-group; 2.2.1 Anthracosauria 2.2.2 Seymouriamorpha 2.2.3 Chroniosuchia; 2.2.4 Lepospondyli; 2.2.4.1 Lepospondyl characters; 2.2.4.2 Microsauria; 2.2.4.3 Lysorophia; 2.2.4.4 Nectridea; 2.2.4.5 Aistopoda; 2.2.4.6 Adelospondyli; 2.2.4.7 Acherontiscidae; 2.2.5 Gephyrostegida; 2.2.6 Amniota; 2.2.6.1 Stem-amniotes and early crown amniotes; 2.3 The lissamphibian stem-group (Temnospondyli); 2.3.1 Edopoidea; 2.3.2 Dendrerpeton and Balanerpeton; 2.3.3 Dvinosauria; 2.3.4 Dissorophoidea and Zatracheidae; 2.3.5 Eryopoidea; 2.3.6 Stereospondyli; 2.4 Albanerpetontidae; 2.5 Lissamphibia; 2.5.1

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2.5.2.1 Anura (frogs and toads) 2.5.2.2 Caudata (salamanders); 2.5.2.3
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3.10 Lissamphibians expand into diverse habitats References; 4 The
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Hearing: exapting the spiracle and hyomandibula; 5.5 Respiration in
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5.7 Transforming fins into limbs 5.8 Locomotion of Paleozoic tetrapods;
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developmental trajectories; 6.4 Histology: the skeleton as archive; 6.5
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Paleoecology: problems and perspectives; 7.3 Paleozoic and Mesozoic
amphibians; 7.4 Amphibian evolution as a walk through trophic levels
References

Sommario/riassunto

This book focuses on the first vertebrates to conquer land and their long journey to become fully independent from the water. It traces the origin of tetrapod features and tries to explain how and why they transformed into organs that permit life on land. Although the major frame of the topic lies in the past 370 million years and necessarily deals with many fossils, it is far from restricted to paleontology. The aim is to achieve a comprehensive picture of amphibian evolution. It focuses on major questions in current paleobiology: how diverse were the early tetrapods? In which environments

2. Record Nr.	UNINA9910818373403321
Titolo	Thoracic endoscopy : advances in interventional pulmonology // edited by Michael J. Simoff, Daniel H. Sterman, Armin Ernst
Pubbl/distr/stampa	Malden, Mass. ; ; Oxford, : Blackwell/Futura, c2006
ISBN	9786611320553 9781281320551 1281320552 9780470755969 0470755962 9780470755273 047075527X
Edizione	[1st ed.]
Descrizione fisica	1 online resource (378 p.)
Altri autori (Persone)	SimoffMichael J StermanDaniel H ErnstArmin
Disciplina	617.5/407545
Soggetti	Chest - Endoscopic surgery Surgery
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Thoracic Endoscopy: Advances in Interventional Pulmonology; Contents; Contributors; Foreword; Preface; Part I Advances in diagnostic bronchology; 1 Autofluorescence in the detection of lung cancer; 2 New technologies for the endobronchial assessment of the pulmonary tract; 3 Endobronchial ultrasound; 4 Advances in diagnostic bronchoscopy: virtual bronchoscopy and advanced airway imaging; 5 Medical simulation: current uses and future applications; 6 Bronchoscopy and computer technology; Part II Advances in therapeutic bronchology; 7 Rigid bronchoscopy 8 Fire and ice: laser bronchoscopy, electrocautery and cryotherapy9 Photodynamic therapy for endobronchial tumors: palliation and definitive therapy; 10 Stenting of the tracheobronchial tree; 11 Transtracheal oxygen and percutaneous tracheotomy; 12 Bronchoscopic lung volume reduction; 13 Endobronchial gene therapy;

Part III Interventional pleurology; 14 Thoracentesis, percutaneous needle biopsy of pleura, small-bore catheter drainage: does size really matter?; 15 Medical thoracoscopy; 16 Photodynamic therapy in the pleural space; 17 Intrapleural therapy: from BCG to therapeutic genes
Part IV Case discussions
18 Management of patients at increased risk for lung cancer; 19 Staging of bronchogenic carcinoma: an interventional pulmonary perspective; 20 Management of malignant pleural effusions; 21 Management of spontaneous pneumothorax; 22 Obstruction of the central airways: evaluation and management; 23 Management of massive hemoptysis; 24 Management of tracheobronchomalacia; Index

Sommario/riassunto

Written by some of the world's leading practitioners - and pioneers - in the field, Thoracic Endoscopy is the first up-to-the-minute, expert reference for clinicians with a solid foundation in diagnostic bronchoscopy and chest medicine needing to extend their clinical expertise in response to two decades of rapid development. Thoracic Endoscopy covers four key areas of practice: advanced diagnostic bronchoscopy, the latest techniques for interventional bronchoscopy - including the traditional rigid bronchoscopy techniques, ablative ins
