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Altri autori (Persone)	OverD. J (D. Jeffrey) MorrowJ. R WignallP. B
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Nota di contenuto	Contents; Introduction; References; Toward understanding Late Devonian global events: few answers, many questions; Introduction; Magnitude and rank of biotic changes; Timing of the key boundaries; Marine vs. terrestrial events; High-resolution (bio)geochemical patterns; Low- vs. high-latitude domains; Tectonic and volcanic activity; Cyclostratigraphical perspective; Two eustatic dilemmas; Implications and conclusions; Acknowledgments; References; Modelling Late Devonian extinction hypotheses; Introduction: modelling Late Devonian climates and extinctions; Direct-effect global winter models Direct-effect greenhouse modelsLag-time greenhouse-collapse models; Testing the models?; Discussion of recent research results; Conclusions; Acknowledgements; References; Sedimentary fill of the Late Devonian Flynn Creek crater: a hard target marine impact; Introduction; Description of crater fill; Stratigraphic relationships; Reconstruction of impact-related processes and depositional history; Comparison to other marine impacts; Time of impact; Conclusions;

Acknowledgments; Locality information; References  
Devonian stromatoporoid originations, extinctions, and paleobiogeography: how they relate to the Frasnian-Famennian extinction  
Introduction; Originations and extinctions;  
Paleobiogeography and changing sea level; Givetian sea-level rise: the Taghanic Onlap; The Frasnian record; The Frasnian-Famennian extinction; The Famennian record; Unknowns; Conclusions;  
Acknowledgments; References; Using environmental niche modeling to study the Late Devonian biodiversity crisis; Introduction; Methods; Results and discussion; Conclusions; Acknowledgments; References  
Subdivision of the terminal Frasnian linguiformis conodont Zone, revision of the correlative interval of Montagne Noire Zone 13, and discussion of stratigraphically significant associated trilobites  
Introduction; The linguiformis Zone and its subdivision; Occurrences of *Palmatolepis linguiformis*; Revision of Zone 13 of the Montagne Noire zonation; Frasnian/Famennian boundary; Numerical patterns in conodont diversity and biofacies; Trilobites in the linguiformis Zone; Acknowledgments; References  
Productivity and bottom water redox conditions at the Frasnian-Famennian boundary on both sides of the Eovariscan Belt: constraints from trace-element geochemistry  
Introduction; Investigated sections; Methods; Results; Interpretation; Discussion; Conclusions; Acknowledgements; References; Evidence for Late Devonian (Kellwasser) anoxic events in the Great Basin, western United States; Introduction; Regional geology of the Great Basin; Analytical procedure and rationale; Great Basin sections; Discussion; Anoxia as an extinction mechanism; Acknowledgements; References  
Late Permian double-phased mass extinction and volcanism: an oceanographic perspective

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Sommario/riassunto

The Late Devonian and Permian-Triassic intervals are among the most dynamic episodes of Earth history, marked by large secular changes in continental ecosystems, dramatic fluctuations in ocean oxygenation, major phases of biotic turnover, volcanism, bolide impact events, and rapid fluctuations in stable isotope systems and sea level. This volume highlights contributions from a broad range of geological sub-disciplines currently striving to understand these critical intervals of geologically rapid, global-scale changes.\* Provides updated, current models for the mid-Late Devonian and Pe

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