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Nota di contenuto	; 1. Work-flows in applied palaeontology; ; 2. Biostratigraphy and allied disciplines, and stratigraphic time-scales; ; 3. Palaeobiology; ; 4. Sequence stratigraphy; ; 5. Petroleum geology; ; 6. Mineral exploration and exploitation; ; 7. Coal geology and mining; ; 8. Engineering geology; ; 9. Environmental science; ; 10. Other applications and case studies; References; Index.
Sommario/riassunto	Palaeontology, the scientific study of fossils, has developed from a descriptive science to an analytical science used to interpret relationships between earth and life history. This book provides a comprehensive and thematic treatment of applied palaeontology, covering the use of fossils in the ordering of rocks in time and in space,

in biostratigraphy, palaeobiology and sequence stratigraphy. Robert Wynn Jones presents a practical workflow for applied palaeontology, including sample acquisition, preparation and analysis, and interpretation and integration. He then presents numerous case studies that demonstrate the applicability and value of the subject to areas such as petroleum, mineral and coal exploration and exploitation, engineering geology and environmental science. Specialist applications outside of the geosciences (including archaeology, forensic science, medical palynology, entomopalynology and melissopalynology) are also addressed. Abundantly illustrated and referenced, Applications of Palaeontology provides a user-friendly reference for academic researchers and professionals across a range of disciplines and industry settings.

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