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Nota di contenuto	Front matter -- Contents -- Preface -- List of Contributors -- Definitions -- Introduction -- 1. Principles and Procedures / Woodburne, Michael O. -- 2. Mammalian Biochronology of the Latest Cretaceous / Cifelli, Richard L. / Eberle, Jaelyn J. / Lofgren, Donald L. / Lillegraven, Jason A. / Clemens, William A. -- 3. Paleocene Biochronology: The Puercan Through Clarkforkian Land Mammal Ages / Lofgren, Donald L. / Lillegraven, Jason A. / Clemens, William A. / Gingerich, Philip D. / Williamson, Thomas E. -- 4. Wasatchian Through Duchesnean Biochronology / Robinson, Peter / Gunnell, Gregg F. / Walsh, Stephen L. / Clyde, William C. / Storer, John E. / Stucky, Richard K. / Froehlich, David J. / Ferrusquia-Villafranca, Ismael / McKenna, Malcolm C. -- 5. The Chadronian, Orellan, and Whitneyan North American Land Mammal Ages / Prothero, Donald R. / Emry, Robert J. -- 6. Mammalian Biochronology of the Arikareean Through Hemphillian Interval (Late Oligocene Through Early Pliocene Epochs) / Tedford, Richard H. / Albright, L. Barry / Barnosky, Anthony D. / Ferrusquia-Villafranca, Ismael / Hunt, Robert M. / Storer, John E. / Swisher, Carl C. / Voorhies, Michael R. / Webb, S. David / Whistler, David P. -- 7. The Blancan, Irvingtonian, and Rancholabrean Mammal Ages / Bell, Christopher J. / Lundelius, Ernest L. / Barnosky, Anthony D. / Graham,

Russell W. / Lindsay, Everett H. / Ruez, Dennis R. / Semken, Holmes A. / Webb, S. David / Zakrzewski, Richard J. -- 8. Global Events and the North American Mammalian Biochronology / Woodburne, Michael O. -- Systematic Index -- Subject Index

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Sommario/riassunto

This book places into modern context the information by which North American mammalian paleontologists recognize, divide, calibrate, and discuss intervals of mammalian evolution known as North American Land Mammal Ages. It incorporates new information on the systematic biology of the fossil record and utilizes the many recent advances in geochronologic methods and their results. The book describes the increasingly highly resolved stratigraphy into which all available temporally significant data and applications are integrated. Extensive temporal coverage includes the Lancia part of the Late Cretaceous, and geographical coverage includes information from Mexico, an integral part of the North American fauna, past and present.

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