

V.P. Wright and Gibling and B. Rust describe paleosols and silica-cemented paleosols, respectively, in carbonate and siliciclastic rocks.

DIAGENESIS, IV is equally ponderous in its scope. Chapter 2 by Sunagawa, and chapter 4 by Ortoleva, describe crystal growth, including nucleation and ripening, in various diagenetic environments, with a section on fluid flow and mineralization in the latter. Chapter 3 by Van Loon and Brodzikowski once again return the reader to the study of early diagenetic deformation structures in sediments, this time dealing with the engineering aspects of coal deposits. Tardy and Duplay discuss stability of smectite, illite, and glauconite as a function of temperature and chemical composition. Diagenesis in alternating chalk-siderite units (Neogene, Black Sea) is examined by Bahrig in Chapter 6, and then, Dewers and Ortoleva discuss stylolitization in argillaceous carbonates. Uwe Brand provides a geochemist's perspective on carbonate diagenesis, including dolomitization, pyritization, silicification, and phosphatization, in chapter 8. Complex dolomitization in the Mississippian of the Illinois Basin is discussed by Bhattacharyya and Seely (chapter 9), and Hollerbach and Dehmer once again return us to the study of organic matter diagenesis in chapter 10. Ferruginization and the formation of redbeds are the topic of chapter 11 by Mucke, and

again in two separate chapters, Brian Jones and V.P. Wright and P. Smart expose karsts and paleokarsts, respectively, as diagenetic culprits.

There is no doubt that the information contained in each of the individual chapters in these books is very valuable, and that they are extremely useful references. Many of the contained papers/chapters undoubtedly will find their way into required reading lists for students and researchers because of their state-of-the-art summaries. There is, however, one big problem with these books, and a relatively lesser concern. The big problem is, of course, the price (well over \$125 apiece), which will preclude many sales. The concern is that the volumes, although separated in time by 2 years, are in places somewhat redundant and could have been organized more efficiently. I'm referring specifically to the multiple chapters on organic matter alteration/maturation/degradation, soft-sediment structures, and karsts and paleokarsts, which although individually excellent contributions, should have been combined for the sake of space, and perhaps, price.

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ANNOUNCEMENTS

1. MEETINGS

30th Annual Meeting, Association of Earth Science Editors: September 22-25, 1966

This international group will be hosted by Ontario Ministry of Northern Development and Mines. For details, contact: Publication Services Section; 933 Ramsey Lake Road; Sudbury, Ontario, Canada; P3E 6B5. Tel: (705)670-5765. Fax: (705)670-5770

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2. BOOKS

Tropical Carbonates, Proceedings of the Specialized Meeting of the Geological Society of France in memory of Professor Gabriel LUCAS, 3rd and 4th of May 1993.

Mém. Soc. Géol. France, 1995, 330p., ed. F. G.

BOURROUILH-LE JAN

Order from: Société Géologique de France, 77 rue Claude Bernard, 75005 Paris, France

ERRATA

On page 40, v. 10, no. 1, the first line of left column is missing. It should read:
"dissolution even high-magnesium calcite has been found to"