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CONTRIBUTIONS TO LATE PALEOZOIC PALEOCLIMATOLOGY: 1970-1979*

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Abstract

Contributions to late Paleozoic paleoclimatology in South America in the period 1970-1979 are extensively reviewed along the following lines: i) identification of glacial features and deposits; ii) discussions on the fossil fauna and flora and their bearing on interpretation of paleoclimatic conditions, facies and age of the late Paleozoic rocks; iii) improvements in the knowledge of the regional distribution of glacial or supposedly glacial rocks and of other paleoclimatic indicators; iv) regional (basin wide) analysis of paleoclimatically important late Paleozoic rock sequences with respect to general paleoenvironmental and paleogeographic interpretations; and v) paleomagnetic analysis of the paleolatitudinal position of glacial and other late Paleozoic strata.

Nearly 60 papers have been reviewed and comments on the important results are added.

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