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**Geology of the Grand Canyon:
An Annotated Bibliography
with an Annotated Catalogue of
Grand Canyon Type Fossils**

Volume 5

Fourth Supplement (to 1991)
with Second Supplement to the Annotated Bibliography
of the World Literature on the Grand Canyon Type Fossil
Chuarina circularis Walcott, 1899

and with
Author and Chronological Indexes to
Volumes 1-5

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TABLE OF CONTENTS

General Introduction	1
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Part I

Annotated Bibliography of Grand Canyon Geology Supplement

Introduction	3
Annotated Bibliography	4

Part II

Annotated Catalogue of Grand Canyon Type Fossils Supplement

Introduction	79
Annotated Catalogue	81

Part III

An Annotated Bibliography of the World Literature on the Grand Canyon Type Fossil *Chuarina circularis* Walcott, 1899, an Index Fossil for the Late Proterozoic

Supplement

Introduction	95
Annotated Bibliography	96

INDEXES

Author Index to Vols. 1-5	105
Chronological Index to Vols. 1-5	169

GENERAL INTRODUCTION

This is the fifth volume (fourth supplement) to the series, *Geology of the Grand Canyon: An Annotated Bibliography with an Annotated Catalogue of Grand Canyon Type Fossils*. Volumes 1-4 were published in 1983, 1984, 1988, and 1990 as Geological Society of America Microform Publications 13, 14, 17, and 20. The current volume includes references found as late as February, 1992, but this not mean that the bibliography is comprehensive through that date.

Volume 4 of this series (GSA Microform Publication 20) had been completed so as to provide, with Volumes 1-3, complete bibliographical coverage for *Geology of the Grand Canyon: A Guide and Index to Published Graphic and Tabular Data (Excluding Paleontology)*, published in 1990 as GSA Microform Publication 21. The present volume has been completed at this time so as to provide, with Volumes 1-4, complete bibliographical coverage for two other publications: 1) Volume 2 of the *Guide and Index* (to be published as a GSA Microform Publication), and 2) a comprehensive guide to the Grand Canyon paleontological literature, *The Grand Canyon Fossil Record* (in preparation). When these projects are completed, comprehensively indexed coverage of the Grand Canyon geological literature will be available. A comprehensive index to the entire series of Grand Canyon publications in the GSA Microform Publications series is in preparation. In the meantime, future work will entail updating these various bibliographies and indexes.

The author will gratefully acknowledge receipt of citations which have been missed in these volumes, and reprints of new papers will be welcomed.