



GEOLOGICAL SURVEY OF CANADA
OPEN FILE 2284

Electronic database of Kunga Group
biostratigraphic data

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1990

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Electronic database of Kunga Group biostratigraphic data

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M.J. Johns⁴ (database design)

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INTRODUCTION

This open file contains dBase III Plus files (DOS format, two 1.2 meg diskettes) of:

1. Paleontological data for the Kunga Group (in directories KUNGA on disks 1 and 2)
2. Empty .DBF and .DBT files for the general paleontological database system outlined in Weston et al. (1990) (in directory TEMPLATE on disk 1).

The fields in the KUNG *.DBF files in the Triassic database are subsets of those in the GSC*.DBF files used by the general system. Only fields that have at least one non-blank entry have been transferred to the KUNG*.DBF files. Fields in the KUNG *.DBF files have the same field name, type, width, and number of decimals as the corresponding fields in the GSC*.DBF files. For information on the structure of the files see Weston et al. (1990).

The database contains comprehensive conodont, radiolarian, and Triassic microfossil data, including locations that were sampled for microfossils and found to be barren. The full extent of the Triassic Kunga Group paleontological sampling program undertaken by the authors prior to 1989 is incorporated into the database. A total of 995 samples are included, of which 375 include conodonts, 309 include generically determinable radiolarians, and about 70 include determined macrofossils (about 40 ammonoid collections). In addition, occurrences of foraminiferids (149 records), ichthyoliths (242 records), spicules (204 records), holothurians (43 records), and ostracodes (3 records) are reported. Conodont CAI data is also given (after Orchard and Forster 1990). Proper names that would normally be set in italics or bold type are enclosed in « and » marks (ascii 174, 175).

In many samples, several fossil groups co-occur and are separately dated in terms of current ammonoid (Tozer, 1984), conodont (Orchard, 1983, 1990), and radiolarian (Carter, 1990) zonations. The integration and calibration of these fossil schemes, presented in a preliminary fashion by Carter et al. (1989) is therefore an essential element of the database.

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Locations of the samples described in the database are shown on a series of twenty outline maps that give the precise location of sections and isolated exposures that were sampled (Figs. 1, 2A-2T of Weston et al., 1990). The individuals who collected the samples are also shown (in KUNG_SAM.DBF); these individuals are credited with providing the data on sample location and geological context.

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