GLOBAL PALEOMAGNETIC DATABASE
SUPPLEMENT NUMBER ONE: UPDATE TO 1992

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(Received 12 October 1992)

Abstract. This is the first Supplement to the Manual, first published in Surveys in Geophysics in 1991 and issued also as a separate volume, for the operation of the Global Paleomagnetic Database (GPMDB) using ORACLE. Minor changes have been made to the database structure as foreshadowed in the Manual and major extensions have been made to the MENU involving a new set of command files. These and other changes are detailed and should be read in conjunction with the original Manual. This latest Version 2.2 of the GPMDB now contains over 7000 results with over 2600 references and covers all published data world-wide up to the end of 1992. Diskettes containing the new data set and accompanying program files may be obtained, as before, from World Data Center A in Boulder, Colorado. Both the updated data set and program files completely replace the original Version 1.4 released in August 1991.

1. Introduction

The Global Paleomagnetic Database (GPMDB) for directions and pole positions was released in August 1991 and covered all global data for the years up to the end of 1988. A Manual describing the design, installation and use with the ORACLE relational database management system was published by Lock and McElhinny (1991) and diskettes containing the database files are available from World Data Center A in Boulder, Colorado. This article gives details of the first update that includes all data up to the end of 1992. It is intended only as a supplement to the original Manual (Lock and McElhinny, 1991) and should be read in conjunction with it. At this stage the database is essentially current and it is hoped that further updates will be arranged at regular intervals.

In the process of updating to include data for the years 1989–1992, we have corrected many errors and omissions that occurred in the first publicly released version (Version 1.4). Also we have completely cross-checked the GPMDB with the most recent regional catalogues that have been published for Canada and the Laurentian Shield (Irving et al., 1990) and for Fennoscandia (Pesonen et al., 1991). Thus it is important to note that this update (Version 2.2) completely replaces the initial version and is not just an add-on to it. Users should therefore be aware that Version 1.4 of 1991 must be completely discarded and replaced with Version 2.2 of 1993. Our purpose here is to indicate some changes and improvements that we

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have made to the ORACLE version, especially when using SQL*Menu where a new wide range of choices have been incorporated. We are grateful to users who have made comments to us and have included many of the suggestions made in this update.

In the Preface to Lock and McElhinny (1991) we included a list of sponsors who provided financial assistance in varying amounts either directly or indirectly to the project. Because the manuscript for the first Manual had to be completed in 1990 we were unable to give a complete list of the sponsoring countries. The following is a complete list of sponsors (including those who have assisted with the production of this update) by country in alphabetical order.

**Australia**
- Australian Department of Industry, Technology and Commerce (Grant to M. W. McElhinny for Bilateral Data Exchange with Russia)
- Department of Geology, University of Western Australia (Visiting Fellowship to M. W. McElhinny)

**Canada**
- Pacific Geoscience Centre (E. Irving)

**France**
- Institut National des Sciences de l'Univers (Grant to V. Courtillot on behalf of all French laboratories)

**Germany**
- Deutsche Forschungsgemeinschaft (Grant to H. C. Soffel)

**Holland**
- Netherlands Foundation for Earth Sciences (AWON) with financial aid from the Netherlands Organisation for Scientific Research (NWO) (Grant to J. D. A. Zijderveld)

**Japan**
- Rock and Paleomagnetic Research Group (M. Kono)

**Russia**
- VNIIGRI Institute, St. Petersburg (A. N. Khramov)

**Switzerland**
- Swiss Nationalfonds (Grant to W. Lowrie)

**United Kingdom**
- Natural Environment Research Council (Direct grant to M. W. McElhinny)

**United States**
- National Science Foundation (Grant to R. Van der Voo, University of Michigan)

We have been fortunate to be able to establish a continuing data exchange arrangement with the All Russia Oil and Geological Prospecting Institute (VNIGRI) in St. Petersburg. This means that this and future updates will include the most recent information from the former Soviet Union.