

**NEWSLETTER**

# **New Concepts In Global Tectonics**

**No 30, March 2004 Editors: J.M. Dickson  
and D.R. Choi.**

## **FROM THE EDITORS**

The present number covers a great range of Geology and Geophysics, particularly because of the reproduction of the abstracts for the Florence Symposium.

Although we receive much correspondence of support for the Newsletter, we would encourage our supporters to send critiques and overall reviews of the work we publish and of where the non-plate tectonic work is heading. In the Newsletter, so far, this has been largely left to the editors.

The three main articles in this number tell us that subduction and the ocean floor composition and structure of plate tectonics are a figment and not tenable according to massive data.

The material adds further information that the relief on the earth is increasing as it has been doing since the mid-Cretaceous. This is a major feature of the earth as it is at present. The plateaus and mountains are growing higher and the oceans deeper. Prior to the mid-Cretaceous the sediments in the oceans are largely shallow water. This phenomenon is, of course, quite inexplicable in terms of plate tectonics. The simplest explanation is that overall the crust is in a state of compression but how this is happening and the mechanism is a matter of active discussion and consideration. An interesting associated feature is that apparently the present shelves begin to appear from the mid-Cretaceous on.

A number of contributions describe surface and crustal structures which continue deep into the mantle and even to the core. The deep earthquakes are associated with such structures. It is clear there is no continuous "asthenosphere"

below the "lithosphere" on which the lithospheric plates could move.

What about it colleagues - this is very exciting work - J.M. Dickins

## **PLEASE NOTE - FINANCIAL SUPPORT**

We are asking for financial support to the extent of US\$30 (A\$45) or more or the equivalent from individuals who are able and US\$50 (A\$75) or the equivalent for libraries. As only small sums of money are involved, in order to avoid bank charges which are not small, we ask you to make out bank drafts or personal cheques to J.M. Dickins or bank remittances to Commonwealth Bank of Australia, Canberra City, ACT, Australia, Account No. 2900 200 429. A few cheques and/or drafts have been made out only to NCGT or New Concepts in Global Tectonics and these can not be paid in and have to be returned. Where the currency is internationally negotiable, personal cheques should be made in the currently of the country of origin e.g., if from Canada in Canadian Dollars because if made out in US\$ these cost \$40 or more in Australian Dollars in bank charges. Bank Drafts should be made out in Australian Dollars. If they are in US\$ similarly they cost A\$40 or more for bank charges. If you require a receipt, would you please let us know when you are sending your contribution?

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