



Jamaican Geode

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Viva Jackson!

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Betsy R. Bandy, **Grenville Draper**, **David A.T. Harper**, **David J. Harrison**,
P.E. Holm, **Ron K. Pickerill**, **Roger W. Portell**, **Peter W. Scott**, **Terence E.**
Smith and **M.F. Thirlwall**

It is important to honour those geologists that have made a significant contribution to our field. Lawrence Chubb, our first President, was keen to promote the history of geological studies in Jamaica, and wrote biographies (with the emphasis on their Jamaican work)



on two 19th Century surveyors, Sir Henry Thomas De la Beche and Lucas Barrett (Chubb, 1958, 1962). With John Williams, he also recorded the life of his friend and colleague Professor Verners A. Zans (Chubb & Williams, 1962). In similar vein, in 1994, the Department of Geology at the University of the West Indies organised a conference in honour of Ted Robinson on his 60th birthday (Donovan, 1994). Two years later it was the 200th birthday of Sir Henry Thomas De la Beche, which was an excellent excuse to have another meeting (Donovan, 1996).

We announce the publication of a further volume honouring a distinguished contributor to Jamaican geology, Professor Trevor Jackson, our colleague and co-worker. Trevor, formerly Head of the Department of Geology and, subsequently, Geography and Geology at the University of the West Indies,

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West Indies, Mona, retired from teaching in 2008. He has been associated with the Department for over 40 years. Although Campus Coordinator for the School of Graduate Studies and Research at Mona from 2000 until recently, it is with teaching, research and promotion of geology in Jamaica and the wider Caribbean that Trevor's name remains most closely associated. His influence on Caribbean geology has been considerable as a researcher, educator and administrator. He has been a champion for the education of geology in the region, and organised many conferences and workshops, including the 15th Caribbean Geological Conference in 1998. Trevor's research interests are principally focussed on the igneous geology of the Antillean region, but he has also published on economic geology, seismology, regional geology, education of geologists, marine geology and sedimentology, amongst others.

Trevor obtained all of his degrees at UWI, Mona (B.Sc. 1968, M.Sc. 1970, Ph.D. 1977), and joined the Department of Geology as a lecturer in 1974. He was thus a familiar face in the classroom at UWI for over 30 years and a key figure in the development of education in geology in the English-speaking Caribbean during this interval. He was the Head of Department for almost two decades, from 1981 to 1999, during which time he successfully juggled teaching, administration and research. Somehow, he also made time to be closely involved with the Geological Society of Jamaica, for which he acted as a council member at various times, as editor of the *Journal* (1982-1986) and as President (1988-1990). Trevor is an honorary member of GSJ and a fitting recipient of the L.J. Chubb Award, its highest honour. He is also a Fellow of the Caribbean Academy of Sciences.

Trevor's research has been enriched by successful collaborations with colleagues overseas, many of whom are co-authors of this article. Together, we have written a thematic issue of the international *Geological Journal*, entitled 'Crustal and Biotic Evolution of the Caribbean Plate,' which was published in November 2008 (Donovan, 2008; see below for Table of Contents). It was conceived as a celebration of Trevor's geological research in the Caribbean, written by his colleagues outside Jamaica as a measure of our respect and affection. The subject matter covers many of the scientific areas to which Trevor has contributed including plate tectonics, volcanism and igneous rocks, economic and industrial minerals, and the geology of Jamaica and the Grenadines. We thank Trevor for the rich and successful collaborations that we have enjoyed, and look forward to maintaining our active research links



for many years to come.

Table of Contents of 'Crustal and Biotic Evolution of the Caribbean Plate,' published November 2008 in the *Geological Journal*

Donovan – Professor Trevor A. Jackson.

Abbot and Bandy – Amphibolite and blueschist-greenschist facies metamorphism, Blue Mountain inlier, eastern Jamaica.

Portell and Donovan – *Campanile trevorjacksoni* sp. nov. (Mollusca: Gastropoda) from the Eocene of Jamaica: at last, a name for the first fossil used in intercontinental biostratigraphic correlation (De la Beche 1827).

Scott and Harrison – Aggregate sources and supplies in Jamaica.

Draper – Some speculations on the Paleogene and Neogene tectonics of Jamaica.

Harper and Pickerill – Generation of brachiopod-dominated shell beds in the Miocene rocks of Carriacou, Lesser Antilles.

Smith, Holm and Thirlwall – The geochemistry of the volcanic rocks of Canouan, Grenadine Islands, Lesser Antilles Arc.

Donovan – The 'Forbidden Theory of Mountain Uplift' of Charles Taylor Trechmann (1884-1964): a tectonic theory of the 1950s in context.

REFERENCE

Chubb, L.J. 1958. Sir Henry Thomas De la Beche. *Geonotes, De la Beche Memorial Number*, **1**, 1-26.

Chubb, L.J. 1962. Lucas Barrett - a biography. *Geonotes*, **5** (3/4), 2-34.

Chubb, L.J. and Williams, J.B. 1961. Verners A. Zans. *Geonotes, Zans Memorial Issue*, **4** (3/4), 1-39.

Donovan, S.K. (ed.) 1994. Edward Robinson Meeting. *Contributions to Geology, UWI, Mona*, **1**, 28 pp.

Donovan, S.K. (ed.) 1996. De la Beche Meeting. *Contributions to Geology, UWI, Mona*, **2**, 43 pp.

Donovan, S.K. (ed.) 2008. Crustal and biotic evolution of the Caribbean plate. *Geological Journal*, **43** (5), 521-619.

Proclamation of Geosciences for Development Week 2010



Governor General Sir Patrick Allen (seated right), with members of the GSJ Council in attendance at the proclamation of Geosciences for Development Week 2010 which took place at King's House on November 8, 2010. (Left to Right) Gavin Gunter (President), Sherene James-Williamson (Vice-President), Richard Coutou (Council Member), Joni Jackson (Secretary), Lyndon Brown (Council Member), Shanti Persaud-Levy (Immediate Past President) and Michael White (Treasurer).

The GSJ President's response at the proclamation highlighted the need for greater focus on improving standards related to the practice of the geosciences in Jamaica. An overview of the response is covered on the Jamaica Information Service (JIS) website: <http://www.jis.gov.jm/>



GEOLOSOPHY 2010



The Department of Geography and Geology was the location of the GSJ's Annual Christmas Social Event ... known in geo-speak as **Geolosophy**. As is customary, geology was discussed, alcohol and other refreshments were consumed and a good time was had by ALL!

Geo-history of Trelawney

This serves to inform our members that the December issue of the **Jamaica Journal** will feature a fully illustrated geo-heritage based article by Anthony Porter entitled "Northwest Trelawney: Historic Stone Structures, Sites and Objects". The article is timely given the soon-to-be opened cruise ship port in Falmouth and related attractions.



President's Christmas Message



As yet another year draws to a close, let us all take some time to reflect. The new year will bring with it new opportunities for growth and development both at the individual level and for our beloved country. Life is never without its challenges. Let us approach the coming year armed with the positive thoughts that will guide us to a better Jamaica.

It is my pleasure, on behalf of the GSJ Council, to wish all our members both here and abroad a safe & peaceful Season and a prosperous 2011!

Sincerely,

Gavin Charles Gunter



Contribute to the Geode! We want to know what's happening!

GET THE WORD OUT!! 50th Anniversary of the teaching of geology at the UWI Mona Campus.

Sept 2011 will mark the 50th Anniversary of the teaching of geology at the UWI Mona Campus. In collaboration with the Department of Geography and Geology, the GSJ has committed to supporting the celebration of this important milestone. The milestone will be celebrated between November 15-21, 2011, the third week of the month which is now customarily proclaimed Geosciences for Development Week.

If you belong to the Alumni or have been associated with the UWI Geology Department, please make your plans to reserve this week to share in the celebration. Stay-tuned for more updates via the Geode or through GSJ emails!



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***The Geode would like to report the news on
 geology and geologists at your organization!
 Please contact us with details of
 achievements, appointments and special
 projects at
 your agency.***

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GSJ MEMBERSHIP FORM 2008 – 09

PREFERRED TITLE: Ms. / Mrs. / Mr. / Dr. / Prof. / Sir

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At which address would you like to receive mail?

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MEMBERSHIP FEES (Indicate your status with an asterisk “*”)

STATUS	ANNUAL FEE (J\$)
Institutional	3,000.00
Professional	1,500.00
Associate	500.00
Student	300.00

Areas of Interest: _____

Membership in the Society is open to all persons with an interest in Geology and all related earth sciences. Application for Membership may be submitted to the Secretary/Treasurer, Geological Society of Jamaica. c/o Department of Geography & Geology, University of the West Indies, Mona, Kingston 7, Jamaica.

ANNUAL SUBSCRIPTIONS ARE DUE AT THE ANNUAL GENERAL MEETING EACH YEAR OR BY THE 31ST OF JANUARY.