OBITUARY
SAMUEL WARREN CAREY, AO,
1911–2002

by Patrick G. Quilty and Maxwell R. Banks

The Royal Society of Tasmania lost one of its members of long standing on 20 March 2002 when Emeritus Professor Samuel Warren Carey died in Hobart at the age of 90.

He was born near Campbelltown, New South Wales, and attended Campbelltown Primary School before secondary education at Canterbury High School. He obtained an Exhibition to the University of Sydney, and a Teachers' Training College Scholarship, commencing in 1929. He enrolled in Geology I as a fourth subject on the advice of one of his teachers, and this determined the direction of his career. He came under the influence of Prof. Sir T.W. Edgeworth David who had recently retired, and he encountered for the first time the concept of continental drift as a mechanism for explaining important aspects of Southern Hemisphere geology. He graduated with First Class Honours in 1932 and proceeded to a Masters degree, in 1934, both degrees based on field studies of the area around Werris Creek, near Tamworth in New South Wales. The rocks are about 300 million years old (Carboniferous) and not currently very active tectonically. Employment with Oil Search in Papua New Guinea introduced him to active modern tectonics where volcanic eruptions and great earthquakes were part of life. His New Guinea experiences led to a D.Sc. degree from the University of Sydney in 1939. Life in the New Guinea environment influenced greatly his view of the Earth as a dynamic planet and later helped him explain geological features he saw elsewhere, for example — in excavations for buildings and roads at the University of Tasmania and along the foreshore at Taroona.

During World War II, Carey was a commando in Z Force in which he had an exciting and typically unorthodox military career (written up in several books). As the war effort was winding down, he took the opportunity to come to Tasmania as Government Geologist. He accepted an appointment as Foundation Professor of Geology at the University of Tasmania, a post he held from 1946 until his retirement at the end of 1976.

He had an important influence on Tasmanian geology through his publications as Government Geologist, and his consultancy to the Hydro-Electric Commission. He invited leading geologists, such as R. Fairbridge, E.D. Gill, R. Prider, C. Teichert and A. Voisey, to be involved in unravelling the geological history of this state.

He attracted to Tasmania many of the world’s leading geologists by convening of a series of topical symposia on issues such as continental drift, dolerite, syntaphral tectonics and diagenesis, and glacial marine sedimentation. These also led to invitations to him to address many leading conferences in Australia and overseas.

Some see Carey as one of the greatest geologists of all time, one who could grasp the ‘big picture’ to a degree matched by very few. He is well-remembered as a ‘larger than life’ figure for his vision and the originality of his views. His ability to absorb, remember and integrate vast quantities of data was one of his greatest characteristics and a feature that was daunting to his colleagues. He was arguably the internationally most-renowned academic ever to grace the halls of the University of Tasmania. In these days of computer modelling and desk-based geology, some suggest that it is unlikely that we will see his equal again.

He will go down in history as one who had a major influence on global science through his enthusiastic...
advocacy of the unorthodox concept of continental drift and his role in having it accepted — it is now part of orthodoxy. Observations made during his continental drift studies convinced him that the Earth has expanded. This view has not received general acceptance but does have a vocal group of strong adherents.

Perhaps his greatest legacy is the attitude that he instilled in his many students. Typically, students will forget most of their university lecturers, but they will not forget Carey. He was inspirational. About 60% of those students who did Geology 1 (as terminology then had it) went on to Geology II, an unusually high figure. He was an extrovert who challenged students to question any view that was seen as orthodox or stated to be true because the exponent was an 'expert'. "We are blinded by what we think we know; disbelieve if you can."

He had several opportunities to leave Tasmania and move to larger, 'more prestigious' institutions but he stayed in the smaller university where he believed strongly that he could develop novel ideas more readily, without the institutional orthodoxy that characterises many large departments.

Carey was not only an academic; he was a parachutist, a strong supporter of Legacy and active in the affairs of ex-service organisations. He founded the Caverneering Club of Tasmania. In 'retirement' he was as active as ever and produced books examining the universe and cosmos, and the place of humanity and the earth in the broader scheme of things.

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Carey had very close associations with the Royal Society of Tasmania over several decades. He was Senior Vice President in 1950–51, served three terms as a member of Council, and was a member of the Standing Committee of Council for some years. He published several papers in the Papers and Proceedings of the Society (marked with an asterisk in the bibliography), including the important work on the oroclinal concept in tectonics. He was himself a regular speaker at Society meetings for a quarter of a century, both in Hobart and to the Northern Branch, and was instrumental in introducing a number of interstate and overseas speakers. As a recipient of the Society's R.M. Johnston Medal, he addressed the Society on 'A Philosophy of the Earth and Universe'; the address was subsequently published in the Society's journal in 1978.

He is remembered by many former students and staff for the influence on their careers and, more broadly, on their mental attitudes. Members of the Royal Society of Tasmania and other community organisations will recall his contribution to their understanding of the island on which we live and, more widely, of the broader features and history of the earth.

He is survived by his wife, Astral (Robson), four children (Tegwen Alice, Robyn, David and Harley), seven grandchildren and two great-grandchildren.

For a fuller account of his life and significance, see Quilty & Banks (2003).

REFERENCE


BIBLIOGRAPHY


(accepted 24 November 2003)