

IN MEMORIUM

JOHN ALDRED HAYWARD

Dr John Hayward was a long-time supporter of the New Zealand Hydrological Society. He was on the National Committee from 1971 to 1976, President from 1977 to 1981 and active in hydrology through much of his career. He died late in 1993 aged 55.

John grew up in Dunedin, but his tertiary education took place in three separate stages at Lincoln University [earlier, Lincoln College]. His BAgSc [1961] specialised in hydrology; his MAgSc(Hons) [1969] was concerned with the use of small plots for field studies in hydrology and his PhD [1978] involved an integrated and multi-disciplinary study of alpine erosion at Mt Torlesse in Canterbury.

He worked as a Soil Conservator for the Otago Catchment Board, based at Alexandra, in the early 1960s. In 1964 he was appointed as a Planning Officer at the newly established Tussock Grasslands and Mountain Lands Institute, where his colleagues in following years included Lance McCaskill and Kevin O'Connor. In 1974 he was a Visiting Professor at Colorado State University and in 1978 he became Director of the Joint Centre for Environmental Sciences, run collaboratively by the University of Canterbury and Lincoln University. When this merged with the Mountain Lands Institute in 1982, John was appointed Director of the new Centre for Resource Management.

The MSc [Resource Management], of which John was the major creator, reflected his own conviction that resource management extended well beyond science to include economics, sociology, policy analysis and planning. Later John was quick to realise the significance of many Waitangi Tribunal decisions for resource management and ensured there was a Maori component in the degree studies. He requested the appointment of a lecturer in Maori Studies at Lincoln University, and this led directly to the creation of the Centre for Maori Studies and Research.

John was a fluent speaker, a great conversationalist, and a prodigious spinner of yarns. He was also a great contributor to team efforts and ardent in his commitment to environmental matters. Apart from his contributions to this Society, he was also at various times Council member and office holder in the New Zealand Association of Soil and Water Conservation. He was on the New Zealand Environmental Council from 1979 to 1988 and its Chairman from 1981. From 1985 to 1991 he was on the New Zealand Planning Council and Convenor of its Environmental Programme. In New Zealand's sesquicentennial year, 1990, John was awarded a Commemoration Medal for services to the environment.

John had a great love for the land, especially Otago tussock and mountain country. He was also a warm-hearted, fun-loving but very hard-working individual. He was widely and well read, with a spiritual side which included a long commitment to Church activities and an interest in Christian values related to land ethics. He was devoted to his wife, three daughters and parents, who survive him.

David Painter

HANS MARTIN KELLER

It is with regret that I record the untimely death of one of the Society's overseas members. Hans Keller, his wife, and a guide were killed in an avalanche while skiing in the Swiss Alps on 30 July 1993. Hans became a member of the Society in 1962,

shortly after the Society's inception, was always keenly interested in hydrological studies in New Zealand, and had two papers published in our Journal.

I first met Hans in 1965 when, as a post-doctoral fellow with the Forest and Range Experiment Station, he was carrying out an interception study in mountain beech forest in the Craigieburn Range. On returning to Switzerland, his interests diversified to cover all aspects of small catchment hydrology, especially water quality, water balance and snow hydrology, and he was instrumental in setting up the experimental station at Alptal.

Among his many activities, he made significant contributions to the Swiss National Hydrological Commission, the IAHS (Vice-President of the Commission on Water Quality; Chairman of the IAHS Nominations panel in Vienna; and Associate Editor of Hydrological Sciences Journal; Swiss National Representative), the IUFRO working group on Forest Hydrology, and the European Reference Basin Network.

Sadly, my last contact was at the IAHS Symposia in Vienna in 1991. Apart from being a respected scientist, Hans will be warmly remembered as a friend and colleague, and for leading, at conference social events, groups of hydrologists in sing-alongs as he played his guitar.

Lindsay Rowe