

OBITUARY.

The Council regret that they have to record the loss by death of the following Fellows and Associate during the past year :—

Fellows :—Harold John Adams.
 John Turnbull Bird.
 Richard Henry Bulkeley.
 Charles Eddie.
 J. William Gifford.
 George Thorn Gwilliam.
 Edward Ball Knobel.
 Albert Taylor.
 Francis Anthony Tondorf.*
 Herbert Hall Turner.
 Richard Wilding.
 William Wilson.
 Hugh Montague Wood.
 Alfred Ernest Young.

Associate :—Johann Georg Hagen.

HAROLD JOHN ADAMS, who was born in London on 1858 January 20, was educated at Margate, at University College School, and at St. John's College, Cambridge, where he was a Wrangler in the Mathematical Tripos in 1879. In 1881 he entered H.M. Patent Office, where he served till 1922, retiring with the rank of Senior Examiner. He married in 1885 Georgina Pye, daughter of James Pye of Cobham, Kent, and had three daughters and one son who died of wounds in the Great War on 1917 February 27, aged 26 years. He always took a great interest, though not an active part, in the Society's meetings, and the recent developments in astronomy exercised a great fascination over him. He died at Beckenham, Kent, on 1930 April 22, and is survived by his widow and three daughters.

He was elected a Fellow on 1893 February 10.

The REV. JOHN TURNBULL BIRD was born at Fishwick, Berwickshire, in 1862. He was educated at Edinburgh University, taking his M.A. degree there at the early age of eighteen. After completing the theological course he was licensed in 1884 by the Presbytery of Edinburgh. For two years he conducted the mission station at Aberfeldy, and for three years he was assistant in St. Stephen's, Edinburgh. In 1891 he was ordained an army chaplain, and in this capacity served in the Boer War and the European War, being twice mentioned in despatches and receiving the high honour of C.M.G. Retiring in 1921, he devoted part of his leisure to the preparation of a book, *Christianity and Science*, which was published in 1927. His chief interest in astronomy centred in the Variable Star Section of the British Astronomical Association, and he worked for several years in collaboration

* Died 1929; death not reported till 1930.

with the late Col. Markwick. To enable him to prosecute this work he was presented with a telescope, which he later handed over to the B.A.A. This telescope is now in the care of the West of Scotland Branch. Mr. Bird was a man of high character, of warm affection and engaging modesty of manner. He died suddenly on 1930 July 21 while on holiday in Northumberland. He leaves a widow and one daughter.

He was elected a Fellow on 1912 June 14.

RICHARD HENRY BULKELEY was born on 1862 April 30 at Young, New South Wales. He was in business first at Wallerawang, N.S.W., and later at Sydney. He was President of the Blaxland Shire Council, and had earlier been a churchwarden of St. John's Church of England at Wallerawang. He was from an early age interested in astronomy and was the possessor of a six-inch reflecting telescope. He was a member of the parties that observed the total solar eclipses of 1911 at Vavau in the Pacific and of 1922 in Queensland. He became in 1895 a member of the British Astronomical Association, in which he held the office of Auditor of the New South Wales Branch for many years, and at the time of his death was one of its Vice-Presidents. He married Mary Eleanor Brown, his family consisting of one son and three daughters. His son, after being awarded the Military Cross in the European War, was killed in action on 1916 August 17, aged twenty-six years. Mr. Bulkeley was a member of the Royal Australian Historical Society. He died at Mosman Bay, near Sydney, on 1930 May 25.

He was elected a Fellow on 1914 February 13.

CAPTAIN CHARLES EDDIE was born at Bilbo Hall, near Elgin, on 1854 January 18. When sixteen years old he went to sea as an apprentice in a ship of the City Line (of Glasgow), and sailed all over the world in windjammers. Leaving sail, he secured his master's certificates, and at the age of twenty-seven he was in command of a first-class passenger steamer. He spent the greater part of 1886 trooping in connection with the Burmese War. For a number of years he was in command in the Persian Gulf, Coast of India, China, and Malay Archipelago. He was an accomplished horseman and an expert with the sabre and lance, and he had the distinction of riding at the head of the troop of Sowars who form the bodyguard of the Sultan of Perak. While in Penang he edited the marine section of the *States Maritime Journal*. Settling in 1908 in Vancouver, he founded the Naval Volunteer movement there, and when the Navy League bought H.M.S. *Egeria* for the purpose of training boys for a sea-faring career, he undertook their training without any recompense. For seventeen years he was Supervising Examiner of Masters and Mates, Western Division, for the Department of Marine and Fisheries of the Dominion of Canada, and earned high tributes from the Dominion Commissioners. Retiring from this position in 1924, he opened a School of Navigation and also a small business dealing in nautical and scientific instruments. He was a very well-known and respected