

in the *Monthly Notices* of the R.A.S., vol. **76**, 197, and vol. **76**, 636. Still later he made observations of double stars, and published results in the *Astronomical Journal*.

For the use of his students in Civil Engineering he published a text-book, now out of print, entitled *Elements of Geodetic Astronomy for Civil Engineers*.

He married in 1898 Edith Hudson of Middleport, Ohio.

Professor Lord died on 1925 September 15, his health having been failing for some years. He is survived by his wife and an only daughter.

He was elected a Fellow of the Society on 1897 June 11.

REGINALD C. NELSON was born at Lincoln on 1850 December 21. He became a solicitor and carried on his profession at Sunderland.

He married Annie Hanson, daughter of John Theodore Hoyle of Newcastle-on-Tyne, in 1878, and had two daughters. His death took place at Sunderland on 1925 February 11.

He was elected a Fellow on 1888 May 11.

OLE THEODOR OLSEN was born at Christiansand, Norway, on 1838 August 14. He went to sea at an early age, and learnt navigation on an English sailing ship trading with India. Although he never lost touch with Scandinavia, he became completely English in his sympathies. He had an extensive knowledge, gained from his own investigations, of the movements of fish in the North Sea, and he collected and collated deep-sea soundings, so that he was often able to settle disputes as to the depth of ocean beds. After his life at sea he settled down at Grimsby as a maker of nautical instruments and a publisher of books for fishermen. He received honours in several countries, including Norway, Sweden, and Japan.

His mental keenness was unabated almost to the end, although latterly he had suffered from physical disabilities attendant upon his advanced age. He died on 1925 January 16, leaving a widow, a son, and two daughters.

He was elected a Fellow of the Society on 1903 May 8.

ARTHUR EDWIN BRISCO OWEN was the second child, and only son, of the Rev. Brisco Owen, B.D., formerly Fellow and Vice-Principal of Jesus College, Oxford, Rector of Remenham, near Henley-on-Thames, where his son was born in 1858. At Harrow he showed a decided scientific bent, and from thence he proceeded to Oriel College, Oxford, where he took a 3rd Class in Classical Moderations and a 3rd in the Final Honours School of Natural Science. He was ordained deacon at Lichfield in 1881 to the curacy of Prees, and priest a year later. After two years at Prees he went as assistant chaplain to Constantinople, moving thence in 1885 to Kadikeui, where he remained till 1889, when he returned to England and became domestic chaplain to the Bishop of Lichfield. Later he held livings at Rodington, Salop, Stone, Staffs, Cholderton near Salisbury, and Ufton Nervet near Reading. In the early days of his residence at Cholderton he had a small transit instrument, with which he made regular time determinations. Soon

after this he purchased from a friend at Constantinople a 6-inch clock-driven equatorial refractor by Grubb, complete with observatory and revolving dome, and all other necessities, including a sidereal clock by the same maker. Owing to various causes there was a little delay in its erection, but when once set up he frequently used it and kept it in excellent order, moving it to Ufton Nervet a few months after going into residence there. At one time it was hoped that he would take up the regular observation of variable stars, but about this time his health became too broken for such work. He observed the total solar eclipse of 1900 May 28 at Cape Matifou.

In addition to his astronomical tastes he was a keen registrar of meteorological statistics, having thermometers, barometers, anemometers, sunshine recorders, and rain-gauges, with which he was most punctilious in daily observations, all of which were entered in due form and order.

He was an ardent freemason, and in 1919 he held the office of Assistant Grand Chaplain of England.

This account must not close without a brief word of warm appreciation of his engaging personality. Possessed of an incisive and emphatic manner of speaking, enhanced by a great fund of humour, he was a most interesting and fascinating conversationalist. In any company and at all times, especially at a dinner-party, he was a notable addition to the circle, and not seldom the heart and soul of it. He was an excellent *raconteur*, and is much missed by a wide circle of friends and neighbours. He was not married. He died on 1925 July 3.

He was elected a Fellow of the Society on 1906 January 12.

C. D. P. D.

JOHN ADELBERT PARKHURST was born in Dixon, Illinois, on 1861 September 24, the son of Sanford and Clara J. (Hubbard) Parkhurst. He was educated in the public schools of Marengo, Illinois, and at Wheaton College (Illinois). Thence he went to the newly-established Rose Polytechnic Institute at Terre Haute, Indiana, where he received the degree of B.Sc., two years later, in 1886. He remained for two additional years as an instructor in Mathematics. After his return to Marengo he maintained for a dozen years a very modest private observatory, giving his principal attention to variable stars. When the Yerkes Observatory was established in 1897, within thirty miles of his home, he became a frequent visitor, and in 1898 a Volunteer Research Assistant. In 1900 he was appointed an assistant, and remained on the staff of the Observatory for twenty-five years, ranking in the later years as Associate Professor of Practical Astronomy in the University of Chicago.

Before he became officially connected with the Yerkes Observatory Parkhurst published a large number of papers in *Popular Astronomy*, the *Astronomical Journal*, and the *Astronomische Nachrichten*. His first published work at Yerkes was in collaboration with Hale and Ellerman on "The Spectra of Stars of Secchi's Fourth Type." His chief publications were on photometry, and in 1906 the Carnegie Institution of Washington, which had contributed to his salary by special grants,