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G. J. Spencer

W. B. Zuker

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IN MEMORIAM

Charles McLean Fraser

1872-1946

In the sudden death of Charles McLean Fraser, Professor Emeritus of the University of British Columbia, on December 26, 1946, marine zoology in North America lost one of its most distinguished investigators. Until three days before Christmas, Doctor Fraser was engaged

in putting the finishing touches on still another large paper on the Hydroids, a group of invertebrate animals on which he had published extensively for the past thirty-five years. His interest in biological sciences extended for fifty years and his close study of marine zoology for forty-five years.



C. M. Fraser

Charles Fraser was born June 1, 1872, in Huron county, Ontario. As a lad of 18 he taught public school and then attended what is now the Ontario College of Education. His interest in natural science led him to the University

of Toronto where he graduated with the degree of B. A. Honours in 1898 and then became a graduate student and an assistant in Biology under Professor Ramsay Wright. Two summers (1901 and 1902) spent at the Marine Biological Station at Canso, Nova Scotia, awakened in him an interest in marine zoology, which remained as a passion with him for the rest of his life. His association with British Columbia started in 1903 when he became Science Master at Nelson High School. That same year he obtained his M. A. degree from Toronto and in 1904, he married Clara A. Cassidy of Toronto. For the next six years from 1904 to 1910 he was Principal and Science Master at Nelson High School, spending the summers of 1908 and 1909 at the Biological Station at Nanaimo, which was opened in 1908. In 1910 and 1911 he was at the State University of Iowa, associated with the late Professor C. C. Nutting, at that time a world's authority on the Hydroids, from whom Charles Fraser acquired the interest in these animals which was to last for the rest of his life, and in whose study the pupil eventually became greater than his teacher. His thesis "The Hydroids of the West Coast of North Amer-

ica" gained him the Ph.D. degree and was his first scientific paper. It is of interest to record that while the camera lucida drawings for Professor Nutting's great monograph of the Hydroids were prepared by the late Dr. Dayton Stoner, the thousands of fine illustrations for Fraser's publications were mostly done by his wife, Clara Fraser.

From 1912 to 1924, Doctor Fraser was Director of the Biological Station at Nanaimo and from 1920 to 1940, Professor and Head of the Department of Zoology at the University of British Columbia. During the twelve years that he was Director of the Biological Station, he concentrated on the identification of the enormous numbers of species of marine animals that occur in British Columbian coastal waters, and became an expert in navigation and in dredging. Apart from the meticulous records kept of the collections of these marine animals from Protozoa to mammals, Dr. Fraser's astonishing memory enabled him to recognize at sight, any organism he had encountered and whose specific identification he had determined. His records laid the foundation for extensive check lists of the life of B. C. coastal waters.

Doctor Fraser was an unusually widely traveled man. Before coming West, he had worked at Biological Stations on the Atlantic Coast at Beaufort, N. C.; Harpswell, Me., Woods Hole, Mass., and Canso, N. S., and there was not much of the Pacific Ocean that he had not covered. He attended all six Pacific Science Congresses that have been held from 1920 to 1939 at Honolulu, Melbourne and Sydney, Tokyo, Java, Victoria and Vancouver and at Berkeley and Stanford. On the way to and from these meetings he made many side trips literally all over the Pacific including New Zealand, Tasmania, much of Hondo, Hongkong, Singapore, Krakatau and the surrounding coral islands. On all these trips except to the Congress at Java, he was accompanied by Mrs. Fraser; after this fourth Congress at Java, he returned to Canada by way of Penang, Colombo, Suez, Cairo, Alexandria, Naples, Rome, Monaco, Paris, all over England and Scotland and back to Montreal, making full use of the opportunity to visit the most notable educational institutions, marine stations, museums, zoological and botanical gardens in each country visited. On this continent he had seen much of the United States, including Alaska, and every Province and capital city in Canada except Fredrickton, N. B. With the Allan Hancock Foundation he traveled down our west coast as far as Ecuador, Chile and the Galapagos Islands, putting in at all the main ports on the way.

Although his life work and interest centered largely around Hydroids, he published extensively on: life history studies of marine fish, chiefly salmon and herring; Coelenterates other than Hydroids; oceanography; parasitic Copepods; marine borers; seals; several species of clams; marine plankton; conservation; and the physical and chemical properties of coastal waters. Altogether, he published over 125 articles of considerable length including three large books

on the taxonomy and distribution of American Hydroids; his latest effort, on a coastal medusa, was completed just before his death and is still in press.

His prodigious memory for names and faces enabled him to greet men of many nations whom he had not seen for years and in any scientific gathering he seemed to know and be welcomed joyously by practically everybody present.

Charles McLean Fraser, Friend, Scientist, and Teacher, searched widely and contributed richly to Marine Biology through a long span of years. By spreading this brief summary of his life and activities on its records, the (Iowa Academy of Science) desires to express to Mrs. Fraser who survives him, its admiration of and homage to her late husband and to extend to her, its united and heartfelt sympathy in her bereavement.

G. J. Spencer,
Vancouver, B. C.

Raymond A. French

1876-1947

Raymond A. French died suddenly on January 12, 1947. He is survived by his wife, Mrs. Minnie French, his son, Dr. Dexter French, Ames, Iowa, and two daughters, Dr. Anna Mae Lassmann, Jalapa, Mexico, and Mrs. Katherine Von Loew of Chicago, Illinois, and 5 grandchildren.



R. A. French

Doctor French was born at Emerson, Iowa, April 20, 1876, and received his secondary school education in the public schools of Glenwood, Iowa. He received his Bachelor of Arts Degree, with a major in biology, at the University of Iowa in 1907, and was elected to membership in Phi Beta Kappa. In 1920 he was awarded his Doctor of Philosophy degree, also with a biology major, from the University of Iowa.

Doctor French taught for a number of years in the public schools of Iowa, and in 1913 was appointed Professor of Biology at Highland Park College and remained there until 1917 when he was named Professor of Biology at Des Moines University. In 1920 he was appointed Professor of Biology and head of the department at the University of Dubuque, the position he held until he resigned and was made Professor Emeritus in June, 1946.

Dr. French was a member of the Iowa Academy of Science, of the Iowa State Teachers Association, and of the American Association for the Advancement of Science.

He was a man of many interests but he gave himself whole-heartedly to his love of botany and related subjects, and spent much time in the study of the plants native to Iowa.

At the University of Dubuque Convocation in June 1945 he was cited by Dr. Hale D. Welch, President, for his 25 years of faithful service, and he was commended for his loyal and meritorious work, both in the class room and in extra curricular activities.

He was a great teacher beloved by faculty and students alike.

W. B. Zuker.

Frank E. Goodell

1867-1946

The passing of Frank E. Goodell at his home at 3620 Adams Street in Des Moines on Thursday, September 5, 1946, brought to a close the life of a scientist and a teacher who was a friend of all who knew him. He had been ill at his home for several years but always



F. E. Goodell

enjoyed having visitors. No doubt he used more of his waning energy than he should have in giving a warm welcome to those who called. Mr. Goodell's home was always known for its hospitality and for many years it was tradition that the Des Moines science teachers should have their opening meeting of the year with the Goodell family.

Mr. Goodell was born at Morrison, Illinois, on February 20, 1867. In 1883 he moved with his parents to Emerson, Iowa, and had been a resident of the state until his death.

He was graduated by the University of South Dakota in 1889 where he earned his bachelor's degree. Later he did graduate work at Johns Hopkins University and at the University of Chicago.

Mr. Goodell had a long and varied teaching experience in the fields of chemistry and physics. He taught at Des Moines College from 1892 to 1895; at North High school in Des Moines from 1896 to 1916; at the University High School at Iowa City from 1916 to 1919; at the former West High School of Des Moines from 1919 to 1927; at North High again from 1927 to 1929; and at East High school from 1929 until his retirement in 1937.

All during his teaching career Mr. Goodell could be found interested in presenting an approach to his pupils that would challenge them to take a keener interest in the study of science.

During his teaching career Mr. Goodell served as president of the city science teachers of Des Moines, an organization he helped to found; as president of the Iowa Association of Science teachers; as president of the Central Association of Science and Mathematics teachers. He became a member of the Iowa Academy of Science in 1911 and at the time of his death he was an emeritus fellow. He was also a member of the American Association for the Advancement of Science.

Along with a busy life as a teacher Mr. Goodell carried on im-

portant church work as a member of the Forest Avenue Baptist Church of Des Moines. For many years he served as a member as well as president of the Des Moines Council of Churches. His interest in education made him a valuable member of the Des Moines Council of Christian Education, an organization which he had served as president.

The fine influence that Mr. Goodell exerted in his home, church and school is a memorable contribution to the community he served so long.

Dean C. Stroud,
Des Moines, Iowa.

R. Monroe McKenzie

1867-1947

By the death of Professor R. Monroe McKenzie on the twentieth of last January, Parsons College lost a staunch friend who was a member of the faculty for a longer period than any other person in the history of the college.

In 1925 Dr. Willis Parsons, who was then president of the college, referred to him as "The man of encyclopedic learning and modest demeanor, who for twenty-two years has stood for and with the college, building himself into its very structure; a tower of strength to every administration; ever growing in the esteem and love of his pupils."



R. M. McKenzie

his keen sense of humor; his capacity for friendship; his likable personality which made him loved as well as respected by succeeding generations of students.

Doctor Gates made special mention of the last two years of his work as a teacher. In 1940 it was proposed that a course in meteorology be offered for those students who were soon to enter the armed service of their country. Doctor McKenzie, who for years had been making weather observations for the U. S. Weather Bureau was the logical man for the course. Although he had never taught meteorology, he consented to it. Although he was then nearly the age of seventy-five he entered into the work with so much enthusiasm and acquired such competence in the subject that it was quite a disappointment to many that he decided to retire from teaching altogether after he had taught the course for two years.

He was born in Jersey City, New Jersey, April 12, 1867. He attended New York University, graduating in 1890, and in 1892 obtained his master's degree there. He then entered the graduate college of John Hopkins University and obtained the degree of Doctor of Philosophy in 1896. In 1939 Parsons College conferred on him the degree of Doctor of Science.

For a few months during 1896 and 1897 he was industrial chemist for Central Scientific Company; then, in 1897 became instructor in chemistry at the University of Cincinnati. While teaching here he met

Winifred Hopple whom he married in 1901. In 1900 he went to Stevens Institute where he taught until he came to Parsons in 1903.

In 1907 the McKenzies moved into a house on the campus and a host of Parsons alumni will long remember the hospitalities of their home as one of the bright memories of their college days.

He was widely known in scientific circles. He was a member of The American Chemical Society, The German Chemical Society, The American Association for the Advancement of Science, and the Iowa Academy of Science. He joined the Iowa Academy in 1904 and was elected fellow of the Academy in 1917. He served as vice president in 1918-19. He was a member of Sigma Psi and Phi Kappa Phi. He was active in civic affairs, and was for many years an elder in the Presbyterian Church of Fairfield. On the day before his death he spent some time in putting the finishing touches to some accounts he was keeping as secretary of benevolences for the church.

**T. Russell Jenness,
Fairfield, Iowa.**

W. M. McLaughlin

1871-1945

William Marion McLaughlin, son of Angus McLaughlin and Catherine Sells McLaughlin, was born in Hamilton County, Iowa, on the 7th day of September, 1871. He died at his home in Des Moines, Iowa, after a year's illness on the 15th day of September, 1945, at the age of 74.

His grandfather, who had come from Scotland, migrated from Ohio to Iowa by covered wagon drawn by oxen. The family stopped and rested on the hill now occupied by the Iowa State Capitol at Des Moines and considered settling down at that place but determined to move on. Ultimately there was selected a farm on the Boone River which had the advantage of timber and also of water. It was on this home place that William McLaughlin was born.



W. M. McLaughlin

He received his education in country school; at Iowa State College, 1891-1892; at the Iowa Normal School, Algona, Iowa, 1892-1893, after which for a number of years he taught in rural schools in northern Iowa and near Ankeny, Iowa.

He attended Drake University in 1898 and 1899, graduating with the degree Bachelor of Laws. On January 20, 1898, he married Cornelia May Smalley who survives him. Three daughters were born of this union: Ferne (Mrs. John W. Woods) who predeceased him, Katherine (Mrs. Carl W. Smith), and Georgia Lee who survive.

He was admitted to practice in 1900. For the first few years of his practice he was in partnership with the late Judge Frank S. Shankland. In 1905 he became Assistant City Solicitor for the City of Des Moines which position he held for three years. In 1918 he entered the employ of the Southern Surety Company in Des Moines, became general attorney, and in 1928 moved with the company to St. Louis where he served until 1931.

He returned to Des Moines in 1932 occupying an office with the firm of Parrish, Cohen, Guthrie & Watters and during the last few years of his practice he shared office space with other attorneys.

He had a sympathetic ear for those who approached him for advice. The employees of the Southern Surety Company frequently came to him to pour out their troubles and he was always willing

to give advice and counsel. It was not, therefore, surprising that he should have acquired the title of "Judge" and the title he thus acquired stayed with him during the balance of his life.

His boyhood life was rigorous and one of rough and tumble on the farm where he was born. He was the youngest of four boys, one of whom, Angus A. McLaughlin, Attorney, of Des Moines, Iowa, survives him. He was of large stature and powerfully built. He loved wrestling, boxing and other individual sports, calling for courage and feats of strength. He played handball until he went to St. Louis in 1928 at the age of 57.

He loved to read serious books, particularly history, the history of his country, for he was a true patriot, the history of the Indians, and in a larger sense the history of the earth itself as it is revealed to the student of geology. He was a very close student of early Iowa history, long a member of the Iowa Historical Society, Iowa City, and of the Pioneer Club in Des Moines, of which he was president at the time of his death.

He had membership in Grace Methodist Church, Des Moines, Iowa. He was a believer in the power of goodness of God, and Recognized His handiwork in nature and the world about him. He was an idealist and the serenity of his faith gave to him dignity of spirit, and a gracious and kindly manner which endeared him to all his friends.

JAMES M. STEWART.