

## NINE GEOLOGY STUDENTS AT UNB GET SIR JAMES DUNN SCHOLARSHIPS

Sir James Dunn Scholarships in Geology for 1954 have been awarded to nine students at the University of New Brunswick, it was announced here today by Lady Dunn. The awards, totalling \$5,000, are made from a fund donated by Algoma Ore Properties, Limited, of which Sir James is president.

Five post-graduate students and four undergraduates have been awarded the scholarships. The post-graduate winners are W. G. Gates, Bourlamaque, Que.; R. H. Grant, Rothesay; J. E. McCombe, Fredericton; G. D. Robinson, Bathurst, and W. M. Tupper, Truro, N.S.

Undergraduate scholarship recipients are J. H. Crockett, Fredericton; J. M. Paterson, Fredericton; J. I. Sharpe, St. John's, Nfld., and E. C. Underwood, Sunny Brae.

Two of the post-graduates receiving the valuable scholarships, Mr. Gates and Mr. Robinson, are graduates of UNB. Mr. Grant and Mr. McCombe graduated from Queen's University, while Mr. Tupper received his B.Sc. at Mt. Allison University.

Sir James Dunn Scholarships at UNB were inaugurated in 1947. Since that time, 37 students have

been assisted by awards of one or more scholarships.

Mr. Gates is the son of Mr. and Mrs. E. Gates, of Bourlamaque. He received his B.Sc. at UNB in 1954 and he held an undergraduate scholarship in 1952. He has had extensive field experience in geology.

Mr. Grant, son of Mr. and Mrs. J. M. Grant, Rothesay, was awarded his B.Sc. degree at Queen's University in 1954. He is now engaged on thesis work. He has had service with the navy and has worked in mines and in the field in Newfoundland.

Mr. McCombe, son of Mr. and Mrs. J. G. McCombe, formerly of Sault Ste. Marie, now of Fredericton, also received his B.Sc. at Queen's in 1954. He is presently engaged on thesis work and he has

been out on field work every summer since 1945.

Mr. Robinson, son of Mrs. S. E. Robinson, Bathurst, received his B.Sc. at U.N.B. in 1950, and held an undergraduate scholarship in 1948. From 1950-52, he was on the geological staff of Algoma Ore Properties, Limited, and later was mine and field geologist with Lemaque Mining Company until 1954. Last summer he was in charge of exploration parties in Newfoundland.

Mr. Tupper is the son of Mr. and Mrs. R. A. Tupper, Truro, N.S. He received his B.Sc. degree at Mt. Allison in 1953. He also held a Sir James Dunn graduate scholarship last year and is now completing his course and thesis work. He has worked with Iron Ore Company in New Quebec and Labrador the past two summers.

## Scholarship Pays Off for more UNB students

Pries Brothers Scholarships at the University of New Brunswick, valued at \$500 each, have been awarded to Gordon F. Baskerville of Willowdale, Ont., and Douglas S. Lacate of Verdun, Que., it was disclosed here Monday by Dr. J. Miles Gibson, dean of forestry at UNB.

Mr. Baskerville is a fifth-year student. He has been employed both with the Ontario department of lands and forests and with the federal government in field work. He is particularly interested in research work.

Mr. Lacate is a fourth-year student in forestry. He has been employed with the Ontario resources inventory and the E. B. Eddy Company during vacation periods.

John Bliss, fifth-year civil engineering student at the University of New Brunswick was awarded the Engineering Institute of Canada annual prize.

The award is made to a student with high academic standing who has taken an interest in the EIC during his fourth year. R. E. Tweedale is chairman of the local branch. The award consists of a plaque and a \$50 cheque.

Two forestry students, one from Ottawa and the other from Montreal, have been awarded the Viscount Richard Bedford Bennett Scholarships at the University of New Brunswick, it was announced

today by Dr. J. Miles Gibson, Dean of Forestry.

The winners are: Donald F. Merrill, of 436 Broadview avenue, Ottawa, and John L. Lister, 4351 Earncliffe avenue, Montreal. Mr. Merrill is a fourth-year student at the provincial university, while Mr. Lister is in his third year. Last year, Mr. Lister was the winner of the Dr. C. C. Jones Scholarship.

John Hugh Campbell, of Sydney, N. S., a student in the Bachelor of Education group at the University of New Brunswick, has been awarded the N. S. Fraser Scholarship for the year 1954-55.

The scholarship is valued at \$50 and is awarded to a student attending the Summer Session who, in the previous session attended, maintained a first division standing. The award is made available by Mr. Norman S. Fraser of the class of 1909, a well-known retired teacher.

A fifth-year electrical engineering student at the University of New Brunswick has been awarded the N.E. Association of Professional Engineers' scholarship.

He is A. H. Cunningham of New Glasgow, N.S. The scholarship valued at \$200 is awarded annually to a UNB student attending regular under-graduate courses in civil, electrical or mechanical engineering of the fourth year.

## TABLET FOR OBSERVATORY FIRST ONE IN CANADA

At the annual meeting of the Historic Sites and Monuments Board of Canada, held in Ottawa on June 7th, 1954, the Board unanimously passed a motion to have the Observatory at the University of New Brunswick marked with a tablet bearing the following inscription:

**First Astronomical Observatory in Canada**

Built in 1851 at the instigation of William Brydson-Jack, Professor of Mathematics, Natural Philosophy and Astronomy; President of the University of New Brunswick, 1861-1885.

Schooled in the traditions of the Scottish universities, Dr. Jack equipped the observatory with the best instruments of the day. In collaboration with Harvard Observatory, he determined the longitude of Fredericton and other places in New Brunswick and corrected errors in the international boundary.

**FIRST SUGGESTED**

Dr. C. McN. Steeves, a member of the University Senate, first suggested that the Observatory be marked as a Historical Site. Dr. A. G. Belfry, Dean of Arts at UNB and the New Brunswick member of the Historic Sites and Monuments Board of Canada, moved a resolution at the annual meeting of the Board in June, 1954, that the Observatory at UNB be declared to be, by the Board, "A Site of National Historic Importance", and that the above inscription be adopted. These two motions were passed and plans are now going forward for an unveiling ceremony of a monument, supporting the

tablet, to be placed near the entrance of the Observatory. This ceremony will probably take place on Encaenia Week in May, 1955.

The modest little building was built in 1851 at a cost of £1709.7. Its fine equatorial telescope was made by the famous Merz & Sons of Munich, and was for some time the best in British North America, and the other astronomical accessories were regarded as quite up to date.

**ACCOMPLISHMENTS**

The accomplishments of this Observatory are notable. After the establishment of lines of telegraph communication, Dr. Jack was among the first to make use of them in determining with accuracy differences of longitude by the exchange of signals with Professor Bond of Harvard University; the true longitude of Fredericton was ascertained. He, afterwards, at the request of the New Brunswick government, obtained the exact longitude of Saint John. In 1856, as discrepancies were found to exist in the longitude of places in the Northeastern boundary between Maine and New Brunswick, as taken by British and American surveyors, it was deemed important to settle the points at issue by the electric telegraph. Accordingly the longitude of Grand Falls and Little Falls (or Edmundston), were determined in a similar way in November, 1855.

**DESCRIPTION**

A calendar of the University for the year 1864, when Astronomy was a part of the senior course, described the equipment as thus. An Achromatic Telescope with a six-inch aperture and seven and one half feet focal length is housed in the Observatory. It is equatorially mounted, provided with a

clock work motion and a delicate and beautifully constructed wire micrometer for measuring the relative positions of double and multiple stars. It also has a double ring micrometer and eyepieces of various kinds, magnifying 90 - 500 times.

At that time, in the Transit Room of the Observatory, there were two very superior sidereal Chronometers and a thirty-inch transit instrument by Troughton & Simms of London. The other Astronomical and Geodetical Instruments, by the same instrument maker, are a fine Altitude and Azimuth Instrument with four measuring Microscopes, a large Theodolite and two telescopes; a Gravatt's Level with leveling staves and an eight inch sextant with artificial horizons and stand. The university was probably far better provided with optical instruments than any institution in the British Provinces.

**DISMANTLED**

The glorious days of the UNB Observatory were in the decade from 1851-1861. With Brydson-Jack guiding the course of astronomy along its way, much was accomplished.

## Forestry Assoc. Hear Speaker

At the bi-weekly meeting of the Forestry Association held on Monday, Nov. 22 in the Memorial Reading Room several reports were read concerning Forestry Week and recommendations were made for next year. The constitution committee chairman read some amendments to the constitution and then they were posted on the bulletin board outside the Reading Room.

The remainder of the evening was spent listening to a talk by Charles "Chuck" Eastman who has returned here after spending 23 months in Nigeria as Assistant Forest Conservator.

## CAR OWNERS

The NFCUS committee at UNB is interested in determining whether there are sufficient students owning their own cars to warrant asking some local service station to allow those students a discount on gas purchased at that station.

Will all those car owners who have not already been contacted on this matter by NFCUS chairman Jack Ernst, please phone him (3206) at once.

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