



HALTON CHAPTER OFFICERS

THE ABOVE OFFICERS of Halton Chapter Royal Arch Masons were installed in a ceremony at the Masonic Hall on Wednesday, January 18th. They are (l to r) Ex. Comp. John T. Arnsjö, Immediate Past First Principal; Com. Gordon Harley, Senior Sojourner; Ex. Comp. Bev Moody, Second Principal; Comp. Edwin Wisson, Master of 2nd-Vault Comp.; George Sivill, Principal Sojourner; and Ex. Comp. John Gunn, Third Principal.

HOSPITALS



Georgetown & District Memorial Hospital now has an administrator.

Mr. H. Graham Gilhooly, of Cornwall, was hired last week, by joint decision of the Board of Directors, assisted by the Medical Association.

Mr. Gilhooly has been lately business administrator for the Cornwall General Hospital and before that was administrator at Lady Minto Hospital in Cochrane. Mr. Gilhooly will begin his duties here on Feb. 16th.

A married man with four children, he has quite an impressive background of training for his chosen field of work.

A westerner, from Waldron, Sask., he is a 1958 graduate of the Organization and Administration extension course of the University of Toronto. He is also a graduate of a business college; the Federal Civil Service Training course and various other courses in business and hospital administration.

An army veteran, he served in the armed services from 1935 until 1946, and was seriously wounded. Mr. Gilhooly is familiar with this district having a brother in law in Orangeville, where he is administrator of the Orangeville Hospital. His brother also is in that neighbourhood where he conducts an optometrist's business.

The directors are now concentrating on the appointment of a director of nursing, and with these two key people hired, a great step towards the final opening of the hospital will have been made.

Work on the hospital continues, and every week something new in the way of equipment, or some major step in construction. It is hoped to have the building in shape to allow citizens a "preview" of what our hospital will be like, in the not too distant future.

All citizens who have pledged are rounded that pledges are payable at any bank in town or direct to Mrs. Wm. B. Hamilton, Real Court. Any newcomers in town are urged to help if they can. Only by everyone's full cooperation and wholehearted support can this hospital be the success it should be. We urge that those who have neglected to keep their pledges up to

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Point Penalties For Shooting Hawks, Owls

About 30 short-eared owls on the property of Roy K. Gibson, Trafalgar, fell victims to the bullets of some trigger-happy individual last week. Several weeks ago members of the South Peel Naturalists' Club counted about 100 of the birds on Mr. Gibson's land. Last week, Dr. Donald Gunn, the club's honorary president discovered the bodies of the dead birds.

The incident was reported by H. Roy Ivor, honorary officer of the Canadian Wild Live Service, who has a bird sanctuary near Erinville. "Short-eared owls are valuable," said Mr. Ivor. "Authorities claim they are worth \$50 apiece to a farmer, as they kill field mice.

Hawks, which are valuable for the same reason as owls, are also being shot in this district, Mr. Ivor claims. He said that three of these birds had been killed to his knowledge, while two had been brought to him in an injured condition, the result of being hit by bullets.

"The penalty for shooting a hawk or owl is as much as \$100," said Mr. Ivor, "while that for shooting a robin or any other song-bird is as much as \$300.

date, review their pledge, and see the treasurer or call in at any one of our three banks."

Bell Manager Receives IOOF 25 Year Jewel

Bro. Ralph E. Yager, Grand Master of the Grand Lodge of Ontario, IOOF, was officially welcomed by members of Credit District No. 33, in Milton Lodge hall, Jan. 11. Other Grand Lodge officers, were present. Also attending was Sis. Vera Graham, DDP, of Toronto Centre District of the Rebekah Assembly of Ontario.

Representatives of Oddfellow and Rebekah Lodges from Milton, Georgetown, Orangeville and Brampton, and friends were also welcomed.

Bro. Lloyd Denby, Brampton, a member of Rodney Lodge, Rodney, Ont., was presented Grand Master, Br. Yager, who also presented Bro. Gordon Freeman, a member of Golden Star Lodge, IOOF, Brampton, with his Past District Deputy Grand Master Jewel.

A short program included a humorous skit by members of Verdian Rebekah Lodge, Georgetown and organ selections by

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Mass Discoveries Important In Research for Bryology

Millbrook Scientist Has Specimens Collected Here

An interesting item appeared in a recent issue of The Millbrook Reporter, telling of bryology study by Harry Williams, science teacher in the high school there. Mr. Williams, a Georgetown High School graduate, is the son of Mr. and Mrs. Reg. Williams of Stewarttown, and the news will be of interest to his friends in town.

In a stable field near Millbrook, owned by Marshall Falls, a little plant was found on April 22, 1958. It was a tiny moss, identified for the first time in North America as Phasium Floerkeanum by Mr. Harry Williams, the present teacher of science in Millbrook High School. He wrote an article about it which was published in October of that year in The Bryologist, a quarterly published by the American Bryological Society. Mr. Williams has written five articles about his various "finds" in bryology, which is the study of moss-like plants, including both the true mosses and the liverworts.

Earlier, during the mild Christmas weather of 1957, Mr. Williams identified a western plant, the second such find in eastern North America. It was Pterogonurum ovatum, found near the Quarter-Inn road, west of Millbrook. Since that time, Harry Williams has specialized in the study of liverworts; he is now recognized as the leading man in his field in Canada. The Reporter visited the herbaria of Mr. Williams and his wife, the former Claire Davison of the staff of Chatham Collegiate, and peered into the magic world of mosses and liverworts under the microscope. We learned that an herbarium is a collection of dried plants, and that as a science it began in 1758 with the publication of Species Plantarum by a Swedish Linnaeus, who first systematized botany by naming the genus and species of plants. The Williams' herbaria are concerned solely with Bryophytes (liverworts and mosses). Although, on the surface, the study of bryology has little economic value, the bryophytes themselves are of great value as plant pioneers in preparing areas of bare soil or rock for colonization of higher plants. The bryophytes' immediate ancestors are lost, so that they have no connection with any other living group. The mosses also indicate the previous history of an area: from New York to Georgia are certain arctic species or glacial relics; in the southern Appalachians are some also found in Japan.

Canadian bryologists may exchange specimens with collectors in other nations. The exchanges are handled through the British Bryological Society of which Mr. Williams is a member and through the American Bryological Society of which Mrs. Williams is a member. In the former society, collectors send in interesting specimens by November of any year; these are distributed the following spring among the subscribers on a grab-bag principle unless preferences have been indicated. Mr. Williams has specimens from England, Sweden and other European countries. In the latter society, Mrs. Williams may send material to the Director who publishes a mimeographed list which is sent to all members. They, in turn, order from the Director.

We asked Mr. and Mrs. Williams how they became bry-

phyte enthusiasts. As Claire Davison, Mrs. Williams attended the Huntsville summer camp of the Federation of Ontario Naturalists five years ago. There she noticed and liked mosses. Director Frank Cook went through one moss key with her mosses under a microscope. That sleuthing expedition became a habit until, from 1957 to 1960, she collected 500 specimens for her herbarium.

Harry Williams began in 1955 after finding an interesting hepatic in the Millbrook area that was not in any available book on the subject. It was Monna fragrans, the first collection from our area. He started looking for books on bryophytes and gradually got together a small library on the subject, buying mostly from a second-hand book dealer in England. He joined the British Bryological Society and had valuable correspondence with their secretary. When he was in England during the spring and summer of 1956, he attended their Easter meeting and Field Excursion in the New Forest area. From 1955-1960, Mr. Williams collected in the Georgetown area (Halton County), Millbrook (Durham County), Algonquin Park, Manitoulin Island, and Bancroft area (Hastings County).

During the summer of 1958 he went with Dr. R. F. Cunniff of the University of Toronto, to Lake Superior, Agawa Bay, and Betschawana Bay areas. In the summer of 1959 he went with Dr. Howard Crum, Curator of the bryophyte collection at the National Herbarium of Canada, Ottawa, to collect in the Laurentians of Quebec. That summer he attended the ninth International Botanical Congress to which came bryologists from Japan, Union of South Africa, Russia, England, U.S. and other countries. Last summer Mr. and Mrs. Williams, with Dr. Crum, collected for the National Museum on the Gaspé peninsula. From this first concerted collecting by competent bryologists, in this interesting region came large amounts of important material. In his own herbarium Mr. Williams has about 2,000 specimens.

Mr. and Mrs. Williams plan more intensive collecting in Ontario, especially in the Lake Superior area; theirs is a specific contribution towards the distant goal of establishing the range of all species of bryophytes present in the province, on a county basis. There are possibly 200 species of hepatics and 500 species of mosses in Ontario; so far only a very sketchy outline of their makeup and natural distribution has been made.

Asked to outline the procedure of his collecting, Mr. Williams stated that after collecting specimens in bags labelled with date and place, he identifies and records them, giving each collection a number, location (county) and habitat (description and number of specimens which they were found growing) and whether they were fruiting. After completing file cards for each species, he places each in a permanent packet with its herbarium label, Flora of Ontario, Ex Herb. H. Williams—on which is indicated the species, habitat, location, collector, date and number. If the specimen seems of particular interest, he sends duplicates to the National Museum of Canada at Ottawa, and to the herbarium of the University of Toronto; sometimes he sends them to the New York Botanical Gardens, the Smithsonian Institute at

Washington, and to the British Museum of Natural History.

Bryologists need more information from enthusiastic amateurs. One difficulty is the lack of leaders to teach species in the field. There are only six in Ontario. However, Mr. Williams feels that leadership might well begin at the Nature Club level. The other difficulty is expensive equipment; a good compound microscope, hand lens (10X), a stereoscopic binocular microscope (10X25X), which is recommended as an aid to rapid identification, and three volumes by Dr. A. J. Grout—Moss-Flora of North America, Journals on the subject are also a "must". The Bryologist, a quarterly edited by Dr. H. A. Crum, published by the American Bryological Society, Transactions of the British Bryological Society, an annual edited by Dr. E. W. Jones, Oxford; Revue Bryologique et Lichenologique, an annual edited by Mme P. Allorge, Paris; and the Journal of the Herbarium Botanicum Laboratoire, a triannual, edited by Dr. Simek Hattori, Ozu, Japan.

It is fitting that the Quarterly Journal of the American Bryological Society will publish in their March, 1961, issue an article by a Canadian who has proved his worth by unremitting labour in his spare time in the field he loves. The article will be on the Pteridophytes of the Betschawana Bay area, illustrated by his wife Claire Williams.

Union Visitor Acts As W.A. Auctioneer

An auction sale was the highlight at the general meeting of the W.A. groups of St. John's United Church, Monday evening, Jan. 30. Mrs. Starke, Leche of Union, was most welcome guest and proved to be a very capable auctioneer. There were quite a variety of donations and the financial results were good.

A pot luck supper preceded the meeting after which Mrs. D. Latimer called on Mrs. Jan Fleming for the devotional. Mrs. Fleming began her devotion with stressing the thought that members must look forward with faith and hope to the beginning of the new Church organization "The United Church Women" getting the proper perspective from God and His word.

Reading from parts of John's letters to the seven churches in the first three chapters of the book of Revelations, Mrs. Fleming stated the message which could be taken from these chapters, was "Repent, accept with thankfulness our spiritual riches, strengthen our faith at Jesus' feet and hold fast to all that is good and true, realizing the great need of the Holy Spirit within our lives."

After singing hymn 403 Mrs. Fleming conducted the installation of officers and called for the cooperation of everyone in supporting the Executive Mrs. F. Sinclair will continue as president with Mrs. D. Latimer as 1st vice, Mrs. V. McInnes as 2nd vice, Mrs. Cecil Davidson as treasurer, Mrs. C. Teague as corresponding secretary and Miss Gladys Ward as recording secretary.

A bale of new and good used clothing is being packed this week and will be sent to Norway House. Reports from different groups showed all had been busy and much had been accomplished during the past year.

The only reward of virtue is virtue; the only way to have a friend is to be one. — Emerson.

Cancer Education Could Be Taught In Schools

Dr. M. B. Dymond, Ontario's Minister of Health, gave his blessing to Cancer Education in High Schools and Colleges at the 1961 Women's Service Conference of the Ontario Division, Canadian Cancer Society, January 18th - 19th.

Speaking at luncheon at the Lord Simcoe Hotel, Toronto, January 18th to over 250 delegates from across the province, including Mrs. R. F. Wicks from Georgetown, Dr. Dymond said: "It is important to develop sound attitudes about cancer in young people and it would be a major step forward if the Canadian Cancer Society broad-based this programme on a broad basis and made available to secondary schools and colleges educational material for use in science and health classes."

Dr. Dymond pointed out that more and more, "we are coming to realize that youth is ready and eager for knowledge—the mystery and superstition and fear, and perhaps most important of all," Minister said, "the faults and misleading information about health and disease must be fully disclosed and explained."

Saying that he had no wish to put old heads on young shoulders, Dr. Dymond declared: "I do believe we should meet their quest for knowledge with true and factual information." He commended this to the Canadian Cancer Society as worthy of serious consideration and "as an extension to their excellent education programme."

After dinner on the same day, a panel moderated by T. V. Lamed commentator Fred Davis, also discussed cancer at length. Members of the panel were: Dr. E. H. Butterell, Professor of Neuro-Surgery, University of Toronto; Dr. R. M. James, Professor Emeritus of Surgery, University of Toronto; Dr. E. A. McCulloch, a member of the team of Fundamental Research Scientists working on the cancer problem at the Ontario Cancer Institute, Toronto; and Dr. W. D. Rider, Senior Radio-therapist at the Princess Margaret Hospital.

It was generally agreed by the panel that people, on the whole, should be told when they have cancer and also that much of the fear of the disease and the horror that used to surround even the name has been removed by the work in education throughout the province by the volunteers of the Canadian Cancer Society.

To the Citizens of the Town of Georgetown

The C.N.I.B. takes this opportunity to ask for your support by a generous donation to the blind people's campaign on **MONDAY, FEBRUARY 6th**, between the hours of 7 p.m. and 9 p.m.

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