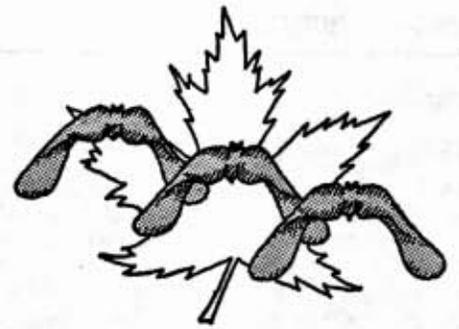


# BULLETIN

L'ASSOCIATION BOTANIQUE DU CANADA



Volume 3 Number 3

July 1970

Guelph

## PRESIDENTIAL ADDRESS

Why I joined the CBA-ABC, or, is a national policy necessary for botanists, biologists and scientists?

The Botanical Association has already proved valuable and stimulating to most members present, why else would you be here? Other botanists who challenge our viewpoint are an exciting stimulus and we should return from the Annual Meeting with renewed intellectual vigour to tackle problems of everyday work. The discussions at field outings and of papers are the 'raison d'être' of our enjoyable annual event. Our programs have been varied and valuable. Each year new geographical and academic areas are viewed and discussed.

However, the constitution states the objective of the Association to be not only the encouragement of research and education in botany, but also to represent the members, nationally and internationally.

The executive Committee of the Association has been very conscious of this latter part of our aim. The Association represents the members by voicing to the public the viewpoint of botanists on various issues. We also assist by representing the members on the Biological Council of Canada so that when that Council speaks for biology, it will be a 'biology' which includes botany. SCITEC, still an embryonic association, is addressing itself to the problem of speaking for all scientists, basic and applied—see the April 1970 *CBA-ABC BULLETIN*. One obvious imbalance in the representative societies in SCITEC is the fact that the Chemical Institute of Canada, the Canadian Association of Physicists and the Canadian Medical Association are highly organized compared with the CBA or even the BCC. These societies, with general managers and permanent offices, can be more effective in reacting quickly to pressures from Government and other groups. However, the physicists and chemists pay for this with annual fees 4 or 5 times greater than those we pay. To make the BCC and its adherent societies more efficient, it has been suggested that a permanent office be organized in Ottawa, perhaps in conjunction or associated with other members of SCITEC. Shared office equipment and space would give better return for dollars invested. Then too, does the CBA want to have representation on the Assembly of the SCITEC?

Are we content to have the BCC speak as biologists for the botanists, or, do we wish to keep our autonomy and have our own representatives speak for Botany? In representing our Association we must always send the most appropriate delegates. As a national association, no suitable delegate should be excluded because of the geographical area in which he works.

Perhaps a donation to SCITEC from the CBA might be an item in the Treasurer's new budget. If we believe this new body to be important, each individual will be required to assist financially. Our budget should then include an item for SCITEC as well as the \$1.00 per year for BCC. Anyone wishing to present their own point of view or perhaps represent their geographical area at the SCITEC Assembly may join SCITEC for an individual membership fee of \$10.00 per year.

In the April *BULLETIN* you will have noticed several interesting items dealing with world problems as seen by some of our members. The ten months of my presidency have been very exciting ones for an ecologist. After many years of play-

ing the role of Old Testament prophets: crying — Woe is me! don't upset the balance of Nature — don't destroy our heritage! — suddenly ecologists are considered an essential part of the evening entertainment on TV or radio.

That some of us have an obligation to assist when we have sufficient and pertinent knowledge is obvious, and other biologists are responding well as North America awakens to a realization of environmental problems. I have had a great deal of pleasure, mostly vicarious, from the widespread discussion of pollution, primary productivity, exploitation of fossil fuel, and population dynamics. Implications of facts that a selected few understood are now commonly discussed. The public role of some botanists has changed from the identification of an improbable 'little blue flower down by the river' to the more complex problems of phosphates and algal blooms in the rivers. But when we answer the little old ladies or the young, bright concerned students we must be careful in expressing ourselves. Let us not be betrayed into pontificating about these now topical problems. However, as a group, the Canadian Botanical Association - L'Association Botanique du Canada can show our concern, and those with specific understanding can assist the Canadian community. It is my hope that we will do this.

Hugh M. Dale,  
CBA-ABC Annual Meeting 1970  
Laval University.

## ANNUAL BUSINESS MEETING NOTES

The Annual Business Meeting of CBA-ABC was held June 10, 1970 at Laval University with President Dale in the Chair. Following the President's address (presented above) and the adoption of previous minutes, several reports were heard and adopted. Among numerous items in these reports were the following: — Motion passed by Executive Committee that "... CBA-ABC recommended to BCC and to SCITEC that a roster of environmental consultants, such as natural, social and applied scientists, and others, be compiled as soon as possible." — The Secretary reminded all Section Secretaries to submit copies of the minutes of their section meetings to him for filing. — Members are urged to submit names to the President for recipient of the Lawson Medal in any of the three categories in which it can be given. — Meetings of the B.C.C. are not closed. Visitors can attend. Groups can appear before it. — Dr. Dale was authorized to attend the August meeting of SCITEC in Halifax on Environmental Improvement. — Drs. Illman and Rowe are to report on behalf of CBA-ABC to a B.C.C. study committee on the expected Lamontaigne Report. — Fees for CBA-ABC will be \$6.00 for 1971 and the contribution to BCC will be taken out of the General Funds rather than by individual subscriptions. — Auditors for 1971 will be I. W. Brodo and John Lambert with Gerry Mulligan as alternate. — Several resolutions were adopted and are published elsewhere in this issue.

DATE—LIMITE DU BULLETIN PROCHAIN:

LE 15 OCTOBRE

**CBA-ABC NEWS****1970-1971 Executive Committee**

President.....Janet R. Stein, (University of British Columbia)  
 Vice-President.....H. R. N. Eydt, (University of Waterloo)  
 Secretary.....P. B. Cavers, (University of Western Ontario)  
 Treasurer.....W. I. Illman, (Carleton University)  
 Past-President.....H. M. Dale, (University of Guelph)  
 Directors: Retire in 1971: I. M. Brodo, (National Museum, Ottawa); A. Cardinal, (University of Laval); J. S. Rowe, (University of Saskatchewan). Retire in 1972: W. B. Kendrick, (University of Waterloo); W. B. Schofield, (University of British Columbia); Jennifer M. Walker, (University of Manitoba).

**SECTION NEWS — ACTUALITIES DES DIVISIONS**

This column regularly carries news as submitted to the Editor by each Section.

**ECOLOGY SECTION**

Chairman: Dr. M. M. Grandtner, Faculté de Foresterie et de Géodésie, Université Laval, Québec 10, P.Q.

Secretary: J. F. Alex, Department of Botany, University of Guelph, Guelph, Ontario.

Approximately 28 members were present for the annual business meeting of the Ecology Section on June 10, 1970, at University Laval. It was agreed that the Committee on Social Responsibilities of Ecologists be re-activated and report to our Section meeting in Edmonton next year on at least the following topics: 1) What are the social responsibilities of Canadian Ecologists? 2) What are the possibilities for co-ordination of Ecological work in Canada? 3) What are the opportunities for publishing Ecological work in Canada, and 4) that consideration be given whether there is need for another Canadian outlet for papers in Animal Ecology.

Paul Cavers presented a report on the aims, objectives and composition of INTECOL (International Association for Ecology). Motions were passed unanimously that the Ecological Section of CBA-ABC approve in principal the idea of joining INTECOL; that the General Statutes of the Ecology Section include a new section as follows: in situations where the interests of the Section rather than the entire Association are involved, the Section shall be empowered to raise funds for purposes consistent with Section 2 of the General Statutes; and that the Ecology Section assess each of its members \$1.00 to pay for a minimum affiliation fee with INTECOL for the coming year, and for any other similar expenses which the executive considers appropriate.

The members of the executive are M. M. Grandtner and J. S. Rowe, 1968-71; P. B. Cavers and R. G. McMinn, 1969-72; and J. F. Alex and John M. Stewart, 1970-73. At a brief Executive Meeting, it was agreed that the membership of the Ecology Section be polled for individual suggestions for the Annual Meeting at Edmonton in 1971. It was intimated that we may have to be host to all the Ecologists because it appears that the Ecological Society of America may be holding their Annual Meeting at some place other than Edmonton. It was also suggested that we may take part by sponsoring field trips that emphasize different aspects of Ecology and originate at different regions, but all converge on Edmonton. Symposia might also be organized, and topics are invited for these. Ted Mosquin will represent both the Systematics and Phytogeography Section and the Ecology Section of CBA-ABC at the A.I.B.S. Planning Meeting in Bloomington in August 1970.

**GENERAL SECTION**

Chairman: T. A. Steeves, Dept. of Biology, University of Saskatchewan, Saskatoon.

Secretary: R. I. Greyson, Dept. of Botany, University of Western Ontario, London.

The new Directors are Rolf Sattler and John Owens, and the continuing ones are R. T. Riddell and W. I. Illman.

**MYCOLOGY SECTION**

Past Chairman: D. M. MacLeod, Insect Pathology Research Institute, Sault Ste. Marie, Ont.

**PALEOBOTANY SECTION**

Chairman: Mrs. Margaret W. Steeves, Dept. of Geological Science, University of Saskatchewan, Saskatoon.

Secretary: H. R. N. Eydt, Dept. of Biology, University of Waterloo.

**PHYCOLOGY SECTION**

Past Chairman: R. F. Scagel, Dept. of Botany, University of British Columbia, Vancouver.

**SYSTEMATICS AND PHYTOGEOGRAPHY SECTION**

Past Chairman: B. Boivin, Plant Research Institute, Central Experimental Farm, Ottawa.

The new Executive Committee includes B. Boivin, A. Morisset, J. B. Phipps and three others elected but whose acceptance has not yet been received.

*Notice to All Sections:* Please get your minutes of annual meetings and lists of new Executive Officers in to Paul Cavers, Secretary of CBA-ABC, Department of Botany, University of Western Ontario, London, as soon as possible.

**MEETING OF 1970-1971 EXECUTIVE, JUNE 12, LAVAL UNIVERSITY**

Dr. H. R. N. Eydt was elected to replace Dr. J. C. Ritchie on January 1, 1971 as one representative to BCC. Dr. H. M. Dale will continue as the second representative.

Members were appointed to committees of the CBA-ABC as follows: Resolutions: Dr. Patricia Roberts-Pichette as Chairman for the 1971 Meeting in Edmonton with additional members to be appointed at the next executive committee meeting. Awards Committee: Dr. Janet Stein as Chairman, Dr. Ross, H. M. Dale, P. Morisset, A. R. A. Taylor, and B. Kendrick. Membership Committee: H. R. N. Eydt as Chairman, A. Cardinal, J. S. Rowe, and R. Greyson. This is a new committee charged with looking into the classes of membership that we should have in our association and the possibilities for recruitment of new members. Nominating Committee: H. M. Dale as Chairman, Jennifer Walker, and L. Cinq-Mars. Publications Committee: J. F. Alex as Chairman, I. M. Brodo, W. Schofield and M. A. Legault.

The *CBA-ABC BULLETIN* was discussed with respect to costs involved in printing and the possibilities of other methods of publication, the current policy of supplying gratis copies to libraries, to sending complimentary copies to each of the A.I.B.S. Societies that will meet with us in Edmonton next year; and sending copies to the Heads of all Departments of Botany or Biology in Canadian Universities and Colleges.

The 1971 Annual Meeting with A.I.B.S. in Edmonton was discussed, and it was agreed to ask the following people to be our representatives at a Planning Meeting in Bloomington in August 1970: Janet Stein (as President of CBA-ABC and representative of Mycology Section), T. Mosquin (Systematics and Phytogeography, and Ecology Sections), W. N. Stewart (representing the host University, and the Paleobotany Section), L. Kennedy (Mycology), T. Steeves (General Section), and either W. Schofield or I. Brodo (Bryophytes). It was proposed that we attempt to arrange a joint banquet with the Botanical Society of America, or at least have one for CBA-ABC by itself.

The 1972 Annual Meeting of CBA-ABC will be at Dalhousie University. For 1973, the Secretary was to explore the possibility of a joint meeting with the Federation of Canadian Biological Societies in Saskatoon.

Three new people were admitted as regular members and eight as student members in CBA-ABC.

Ron Eydt as Secretary for the 1970 Annual Meeting, was instructed to send out the resolutions adopted at that meeting.

The Treasurer was asked to send up-to-date lists of all members of CBA-ABC to each member of the Executive Committee, to the Secretary or Chairman of each Committee, and to Dr. W. Stewart for the 1971 Annual Meeting.

The next Executive Meeting will be held in Ottawa on October 3, 1970, at 9 a.m. in ELBA at Carleton University unless it is possible to coordinate our meeting with that of other Societies in Ottawa on a suitable date sometime during the Autumn.

*ELBA* is a gentle and pleasant way of saying, "Environmental Laboratories Biology Annex", and so the mystery that long puzzled many of us has been cleared by Bill Illman, our genial Treasurer and host of the next Executive meeting!

**CBA-ABC**  
**STATEMENT OF FINANCIAL STANDING—5 JUNE 1970**

	<i>Assets</i>		
Balance: Savings acct.		\$2976.36	
Chequing acct.		515.15	
		<hr/>	
		3491.51	
Less: Liabilities		2.50	
		<hr/>	
		3489.01	
	<i>Receipts</i>		
Memberships			
Regular (292)		1710.00	
Student (60)		120.00	
Arrears		47.00	
Advances		19.00	
		<hr/>	
		1896.00	\$1896.00
Payments toward printing costs			
"Directory of Canadian Botanists"			
CSPP		100.00	
CPS		100.00	
Library sales of Directory		7.00	
C.J.B. subscriptions		904.50	
Outstation exchange from members		29.05	
U.S. Premium on Memberships		3.99	
Royalties		32.24	
Interest		146.80	
		<hr/>	
		3219.58	
	<i>Liabilities</i>		
Cheque outstanding			2.50
	<i>Expenditures</i>		
Bulletin — Printing (2)		273.71	
Postage & stationery		169.15	
Subscriptions CJB		918.00	
Exec. travel		732.17	
Royalties to NRC		32.24	
Telephone (Dr. Taylor)		9.00	
Rubber stamp		4.30	
BCC		293.00	
SCITEC (delegate regn)		60.00	
Symposium advance		502.40	
Bank service debits		2.00	
Debits of outdated cheques		11.00	
		<hr/>	
		3006.97	
Less — cheque outstanding			2.50
		<hr/>	
		3004.47	
Banks debits against deposits for outstation charges		34.40	
		<hr/>	
Total paid out			3038.87

**SUMMARY**

Balance last audit (5 Aug '69)	\$3313.30
Receipts (6 Aug '69 - 5 June '70)	3219.58
	<hr/>
	6532.88
Balance (June 5, 1970)	3491.51
Expenditures	3038.87
Outstanding cheque	2.50
	<hr/>
	6532.88

Audited and found correct  
(Signed) I. M. Brodo, 26 June 1970  
Raymond J. Moore, 26 June 1970

**PERSONALIA**

Ron Foreman, with a fresh Ph.D. from Berkeley, joins the University of British Columbia to work in the area of physiological ecology.

Roger Frost, who completed the Ph.D. working on the comparative ecology of three species of *Amaranthus* at the University of Western Ontario, has accepted a faculty position at Erindale College.

Surindar S. Sidhu, currently working towards the Ph.D. at the University of Western Ontario, will demonstrate in Ecology at the University of Guelph this fall and winter.

**ROLLO OTHWELL EARL:**  
**RECIPIENT OF LAWSON MEDAL**

Professor Emeritus R. O. Earl, ED, BA, SM, PhD, LL.D. was awarded the George Lawson Medal in Botany at the 1970 Annual Meeting of the Canadian Botanical Association/L'Association Botanique du Canada held at Laval University. This award was made in recognition of cumulative contributions to the advancement of Canadian Botany by Dr. Earl in his capacity as teacher and administrator. According to his citation it is a "collective, formal expression of the admiration and respect of botanists in Canada".

The scientist whose name is recognized by the medal, George Lawson, was the first professional botanist appointed in Canada. He is credited with founding the first botanical society and establishing the first botanical garden in Canada on the Queen's campus. In 1858 he was appointed Professor of Chemistry and Natural History at Queen's College (now University). In December 1860 the Botanical Society of Canada was started with Lawson as the secretary.

It is fitting that 110 years later Professor Earl is honored after an academic career which extended for over 40 years at Queen's University where Lawson began his Canadian career and where the Botanical Society of Canada first met. Dr. Earl, as head of the Biology Department from 1936 and Dean of Arts from 1951-62, encouraged the development of a well-balanced emphasis in biology. The summer school biology courses given at the Queen's University Biological Station at Chaffey's Locks, Lake Opinicon, were an exciting innovation in Ontario.

Dr. Earl exhibited a very personal and scholarly devotion to large numbers of students in biology courses. By assisting the Ontario Department of Education in curriculum structure and content, followed by years of careful work as examiner for the Province in Matriculation Botany, his scholarship and wisdom have been felt beyond his more direct influence at Queen's University. His greatest contributions have been made through stimulated students who now occupy important positions in Canadian science.

The inscribed Medal reads:

*Rollo Othwell Earl*  
*Pour avoir contribué avec distinction au rayonnement*  
*de la botanique canadienne*

*For notable contributions to the advancement*  
*of Canadian botany*

*L'Association Botanique du Canada*  
*Canadian Botanical Association*  
*AD 1970*

**NEW BOOKS ON TREES OF CANADA**

"Native Trees of Canada", 7th edition, by R. C. Hosie, Canadian Forestry Service, Department of Fisheries and Forestry, Ottawa, has just come off the press. Completely new and revised, this edition is a notable improvement over the previous edition which was itself an excellent resource manual for use throughout Canada. It is with certain satisfaction that we note the names of CBA-ABC members among contributors to this book: T. C. Brayshaw and J. S. Rowe. Available now from Queen's Printer, Ottawa for \$5.00 (paper) or \$8.00 (cloth).

"Canadian Trees" by Professor F. H. Montgomery, also a member of CBA-ABC and the former Head of the Department of Botany, University of Guelph, has been accepted for publication by Ryerson Press, Toronto. Professor Montgomery's earlier books include "Weeds of the Northern United States and Canada", "Native Wild Plants of Eastern Canada and Adjacent Northern States", and "Plants From Sea to Sea". The book "Canadian Trees" will be available for the first time this fall.

**POSITIONS VACANT**

*National Herbarium of Canada (CAN)* — Effective September 1, 1970: Taxonomist (Vascular Plants) — To carry out botanical research on the flora of Canada and assist in the development of the Herbarium. For further information, write to the Chief Botanist, National Museum of Natural Sciences, Ottawa 4, Ontario.

## RESOLUTIONS

The following resolutions were passed at the 1970 Annual Meeting of CBA-ABC and have been sent to their destinations:

1) It was moved by Desmarais, seconded by Cardinal, that *whereas* according to general opinion, the heraldic fleur-de-lis is a stylization of the iris flower; *whereas* for this reason, and equally due to its beauty and abundance, the Quebec botanists have suggested that this plant be chosen as the floristic emblem of the province;

*whereas* the members of the legislature preferred *Lilium candidum*, a foreign flower, not native to the Province of Quebec, *Be it resolved* that the CBA-ABC support the efforts of the Quebec botanists to replace *Lilium candidum* with *Iris versicolor* as the Quebec floral emblem. *Carried.*

*Sent to:* The Honourable Robert Bourassa,  
Premier of the Province of Quebec,  
Legislative Buildings, Quebec, P.Q.

2) It was moved by Mosquin, seconded by Roberts-Pichette that *whereas* the Arctic land and water environments are very sensitive to serious and permanent damage by resource exploration and extraction activities, and *whereas* arctic ecosystems are extremely slow in recovering, and *whereas* resource extractive activities are now increasing rapidly,

*Be it resolved* that the CBA-ABC commend the Government of Canada for its farsighted water pollution control policies in this region, especially the 100-mile pollution control zone; and *be it further resolved* that the CBA-ABC request the Government of Canada to enact immediately the Land-Use Regulations on their completion by the Department of Indian Affairs and Northern Development to ensure the long-term protection of the environment of the Canadian North against misuse. *Carried.*

*Sent to:* The Right Honourable Pierre Elliott Trudeau,  
Prime Minister of Canada,  
Ottawa, Canada.

3) It was moved by Mosquin, seconded by Krajina that *whereas* the number of accidents resulting in large scale regional oil pollution are increasing rapidly, and *whereas* the resultant pollution is destroying valuable and often irreplaceable resources,

*be it resolved* that the Government of Canada take immediate steps to enforce the strongest possible safety regulations and most reliable technological facilities such that would virtually guarantee a freedom from oil pollution, and from needless damage to the natural environment. *Carried.*

*Sent to:* The Right Honourable Pierre Elliott Trudeau,  
Prime Minister of Canada,  
Ottawa, Canada.

4) It was moved by Cardinal, seconded by Mosquin that *whereas* the Canadian Journal of Botany is supported by the taxpayers of Canada, and *whereas* the list of names of Associate Editors includes only one French speaking Canadian, and *whereas* the number of French speaking botanists is increasing but there is not a similar increase in the number of french language papers published in the C.J.B., *be it resolved* that the CBA-ABC recommend to the Editor-in-Chief of the Canadian Journals of Research that a more accurate editorial representation be given to the French speaking scientists, *Carried.*

*Sent to:* Dr. C. T. Bishop, Editor-in-Chief,  
Canadian Journals of Research,  
National Research Council of Canada,  
Ottawa, Canada.

*Copy to:* Dr. M. Shaw, Editor, Canadian Journal of Botany,  
H. R. MacMillan Building,  
University of British Columbia,  
Vancouver, B.C.

5) It was moved by Mosquin and seconded by Lambert that *whereas* the Canadian Botanical Association appreciates some progress made by the efforts of Conservation of Terrestrial Communities subcommittee of the Canadian Committee of the International Biological Program in the direction of the establishment of ecological reserves at least in some Canadian Provinces and territories,

*be it resolved* that the efforts should now be greatly increased in view of the fact that IBP will be terminated in 1972. *Carried.*

*Sent to:* Dr. F. C. McIntosh, Canadian Chairman, I.B.P.,  
Department of Physiology,  
McGill University,  
Montreal, P.Q.

*Copy to:* Dr. W. A. Fuller, I.B.P. (C.T.)  
Subcommittee Chairman,  
Department of Zoology,  
University of Alberta,  
Edmonton, Alberta.

6) It was moved by Mosquin, seconded by Roberts-Pichette that *whereas* there is great need in Canada for active biologists in all fields to get together periodically at the national level for the purpose of evaluating and focusing attention on complex, important, and rapidly growing interdisciplinary problems, *be it resolved* that the CBA-ABC request that the Biological Council of Canada adopt as one of its priority objectives the establishment of periodic national biological assemblies for its member societies and associations. *Carried.*

*Sent to:* Dr. R. L. Taylor, Secretary,  
Biological Council of Canada,  
Botanical Garden,  
University of British Columbia,  
Vancouver, B.C.

7) It was moved by Mosquin, seconded by Bell, *whereas* an adequate standard of living is part of a desirable life, and *whereas* a balance of human and natural resources must exist for the realization of such a life, and *whereas* excessive population results in a lowering of the quality of life, *be it resolved* that the Government of Canada commission a study to set forth demographic goals for Canada and its regions. *Carried.*

*Sent to:* The Right Honourable Pierre Elliott Trudeau,  
Prime Minister of Canada,  
Ottawa, Canada.

## CANADIAN NATIONAL COMMITTEE FOR I.U.B.S.

The National Research Council started moves to re-establish a National Committee for the International Union of Biological Sciences to serve as a link between the N.R.C., the I.U.B.S., and Canadian scientific societies, especially the Biological Council of Canada. N.R.C. will nominate Canadian scientists for attendance and participation in meetings of I.U.B.S. This will assist Canadian biologists in playing a more active role in international science. The Committee is under the chairmanship of Dr. W. B. Mountain, Director of the Entomological Research Institute, Canada Department of Agriculture, Ottawa, and includes Dr. B. G. Cumming, University of Western Ontario (who is a member of CBA-ABC), Dr. H. E. Welch, University of Manitoba, Dr. A. C. Blackwood, MacDonald College, McGill University, and Dr. J. G. Lafontaine, Laval University.

Dr. C. Quadling from N.R.C. is Secretary. Dr. M. E. Gibbons from N.R.C. serves as an ad hoc member in his capacity as a member of the executive committee of I.U.B.S. on which he represents his Division of Microbiology.

The 17th General Assembly of I.U.B.S. will meet in Washington, D.C., from October 4-9, 1970. Drs. Quadling, Welch, Gibbons and Cumming have been nominated as official Canadian representatives. Any Canadian scientific society wishing to have recommendations of international importance brought before the I.U.B.S. for consideration should contact the Secretary or Dr. Cumming as soon as possible. The scientific program of the 17th Assembly will include symposia on environmental monitoring, population growth and consequences, and environmental changes and health. Business sessions will discuss emanations of the I.U.B.S. constitution and probable creation of two new divisions which will be Functional and Analytical Biology, and Environmental Biology.

## NEXT DEADLINE FOR CBA-ABC BULLETIN: OCTOBER 15

*CBA-ABC BULLETIN* is published quarterly in January, April, July and October by the Canadian Botanical Association — L'Association Botanique du Canada. It is mailed free to all members and by special arrangement to Libraries and other interested organizations. Membership fees in the CBA-ABC are \$6.00 regular, or \$2.00 student, and should be sent with the completed application form to Prof. W. I. Illman, Treasurer, Canadian Botanical Association, ELBA, Carleton University, Ottawa 1, Ontario. All correspondence for the *BULLETIN* should be directed to J. F. Alex, Editor CBA-ABC BULLETIN, Department of Botany, University of Guelph, Guelph, Ontario, Canada.