

national boundaries. We are also gratified that the award recognizes work that involves the large-scale application of Crystallography and Crystal Chemistry to try and solve a complex mineralogical problem of petrological interest, as this reinforces our belief that Crystallography and Crystal Chemistry are core aspects of the Earth Sciences, and will always continue to contribute to our understanding of minerals and their behavior in Earth processes. Here, we must acknowledge our debt to the late Giuseppe Rossi, who had the insight to recognize the potential importance of large-scale crystallographic studies of rock-forming minerals, and who initiated the first work of this kind in the late 1970s; he showed us the way of the future, and we are benefitting from his foresight today.

An important aspect of mineralogical studies that is

often not widely appreciated is the material that one examines. We were fortunate in being able to work on a subset of crystals that had been very well characterized by Barb Dutrow and Mike Holdaway, and we are grateful to them for their help and continued interest in our work. We thank Bob Martin, not only for his meticulous editorial input, but also for his willingness to recognize that some papers must be long if they are going to solve a complex problem and convey the arguments to the scientific community.

In closing, we thank the Mineralogical Association of Canada for this honor.

Frank C. Hawthorne, Luciano Ungaretti,
Roberta Oberti, Franca Caucia
and Athos Allegari

THE LEONARD G. BERRY MEDAL FOR 1994 TO ANN SABINA

*Mr. President,
Ladies and gentlemen,*

The Leonard G. Berry medal is awarded for distinguished service to the Mineralogical Association of Canada. This year's recipient, Ann Sabina, is particularly deserving because of her outstanding service to the Association over a period of 27 years. Thus she has been one of the longest continually active members of MAC council. Her retirement from the position of Treasurer, a post that she has held from 1966 to 1993, finally gives us the opportunity to recognize formally her work on our behalf. Although the position of Treasurer is not one of the "high profile" executive positions, it is one of the most important, as the Association must remain at all times fiscally responsible to its members and underwriters. Since 1966, there has been a great deal of growth in the Association, and Ann has given successive ephemeral Executive Committees solid financial management and realistic advice that has provided the base for the Association's and the Journal's continued growth and development.

Ann has also been MAC's representative to the International Centre for Diffraction Data since 1975, and served on many of its Committees. This work has been vital in maintaining the integrity of mineralogical diffraction data throughout the world. The recent new edition of the Mineral Powder Diffraction File is testi-

mony to the dedicated work of Ann and her fellow committee members.

Perhaps Ann's highest profile in the country, and certainly one of her most significant accomplishments, is the unequalled record that she has established of writing and talking to the public about minerals and where to find them. Her guidebooks, talks to amateur collectors and the Sabina Award have been a positive influence on mineralogy in Canada and, in turn, the Association, that will never be measured or surpassed in the foreseeable future. I suspect that many of the young people who enter university intent on studying mineralogy have been initially influenced in this course by her enthusiasm at mineral and gem shows or by her guidebooks.

The Association has previously recognized Ann by making her a Honorary Life Member. Others have measured her contributions to mineralogy by naming a mineral after her – surely the most fitting of all rewards for a dedicated mineralogist!

Ann, in view of your outstanding contributions to the work of the Association in three very different areas, it gives me exceptional pleasure to present you with the Leonard G. Berry Medal for 1994. We all owe you our thanks and congratulations.

Roger H. Mitchell



ANN P. SABINA

Fellow Members of MAC,

It is with a deep sense of honor and pride that I accept the Berry Medal for 1994. During the 28 years that I was privileged to serve as Treasurer, many landmarks were reached and obstacles overcome through the efforts of dedicated members of Council, both elected and appointed.

In 1966, when fees were \$4 Ordinary and \$7 Corporate, it cost about \$4 000 to print one issue of *The Canadian Mineralogist*, and the Association ended the year with assets of about \$10 000. Now, the fees are somewhat(!) higher, each issue of the journal costs about \$20 000 more, and the 1993 year-end non-inventory assets approached \$400 000. This impressive growth in our financial position is the result of the policy of successive Councils to seek and find ways to increase revenue while keeping expenses down. I am giving you some of the highlights.

A Sustaining Membership category was introduced in 1967 as a new source of revenue. To provide a continuing focus on the Association's finances, a

Financial Advisory Committee (now, Finance Committee) was established in 1971. Yet, our continuing strained financial position had to be addressed. Two initiatives undertaken in 1976 provided a dramatic turning point in the Association's financial fortunes: one was the successful negotiation of a very substantial NSERC grant to support the journal; the other was the introduction of the Short Courses. Then, and for several years thereafter, the Short Courses brought significant revenue through the sale of the Short Course Notes, yet cost the Association virtually nothing. Also in that year, MAC was granted Registered Charity status, enabling it to officially recognize gifts to the Association.

With the increased revenues, MAC was in a position to make investments, just as interest rates began their climb to a spectacular high of 21%, reached in 1981. In the following year, when the high returns came in, the interest earned by MAC investments was sufficient to print and mail two issues of *The Canadian Mineralogist*. Such windfall investment returns prompted Council, in 1982, to establish the Treasury Reserve Fund, to be used to rescue the journal from any future financial shortfalls. And because we realized that, in spite of our new-found success, we really were "babes in the woods" when it came to money management, we enlisted the services of a professional investment adviser/broker in 1984, and a professional Auditor in 1985 to provide fiscal prudence.

As the Association became financially secure, a sense of professional responsibility prompted Council to undertake philanthropic activities to stimulate and support geoscientific knowledge. The Distinguished Lectures program was launched in 1988, and the Ann Sabina Award for recreational mineralogists in 1985. Annual grants to regional Student Geological Conferences and to the Editor of *The Canadian Mineralogist* were formalized in 1989.

To have been a part of all of this has been a challenging and rewarding experience for me. It would not have been possible without the full support of the Geological Survey of Canada which, through its staff members, has contributed a total of 75 years of service on MAC Councils. I thank the Berry Committee for selecting me for this honor, and the Members of MAC for entrusting me with looking after our Association's finances over so many years.

Ann P. Sabina