

R O C K B L A S T

Volume 1, No. 6

March 15, 1966

President - Prof. Stuart A. Harris
Secretary and Editor - Gord Saunders

268 Lincoln Rd. Waterloo
41 Forest Hill Dr. Kitchener.

Regular meetings held on first Wednesday of each month except July and August in room 3 E 10, New Arts Bldg., Waterloo Lutheran University.

Next meeting - Wednesday April 6, 1966 8 P.M.

Prof. Harris will discuss the physical properties of minerals.

Minutes of meeting March 2, 1966 - Attendance 27

Minutes of the February 1, 1966 meeting were adopted as set out in Rock-blast No. 5.

Correspondence - Noted that the announcement of our club's formation appeared in the March issue of the Lapidary Journal.

Letter from 'Gems and Minerals' re articles for that magazine was read and their subscription plan discussed.

Some discussion regarding a directory of members as set out in the February issue of Kingstons' 'Streak Plate'. Consensus was that a listing of club officers would be sufficient.

Mr. L. Collins Chairman of the Hobby Group, Centennial Committee has been invited to our meetings.

Announcement was made of the Annual General Meeting of the Inter-Club Field Delegates to be held March 19, 1966 in Toronto. The President and Secretary were nominated as delegates.

Library Committee: In the absence of the chairman, G. Downing, Floyd Caesar gave the report. The display has been set up in the main lobby of the Kitchener library and will remain for the month of March. Mineral and crystal specimens from members' collections as well as lapidary work are included. Payment of miscellaneous expenses and insurance was approved.

A field trip was proposed for March 19 to Dundas. In view of the date conflicting with the Inter-Club meeting and that Dundas was the location of the last club trip, other plans were discussed and the following trip planned.

Field Trip Sunday, March 20, 1966. To St. Catherines. Collecting will be principally for dolomite and selenite. The marshalling area will be Berkeley Square parking space on King St. East, Kitchener, at 9 A.M. Bring lunches.

All members and guests will be required to sign waivers so that the Club will not be held responsible for any accident that might occur.

Following the rather lengthy business meeting two Bell Telephone Company films in colour and sound were shown.

'Crystal Clear' showed the use of quartz crystals in the ~~transmission~~ ^{transmission} of sound. Because of the tremendous growth in need for crystals, a surer source than Nature had to be found. Many minerals and methods of growth were tried before success was obtained on a commercial scale. Now Bell grows crystals by the millions.

'Introduction to Crystals' was a technical discourse in laymans' language as to crystal properties. While interesting it would have to be seen a number of times for most viewers to grasp and retain much detail

Answers to last months 'Element - ary Quiz'

1. In 1963 there were 103 elements known.
2. Eleven of the 103 are man - made.
3. The first man-made element 'Technetium' was produced in 1937.
4. Of the elements eleven are gases - five active - (Hydrogen; nitrogen; oxygen; chlorine; fluorine;). Six considered inert (Helium; Neon; Argon; krypton; xenon; radon.)
5. There are eighty solid metals and one liquid metal (mercury).
6. There are ten solid non-metals and one liquid non-metal (bromine).
7. The most reactive non-metal is fluorine.
8. Tantalum is almost impervious to corrosion.
9. Gallium is a metal that expands as it freezes.
10. Tungsten has the highest melting point - 6170° F.
Rhenium the second highest.
11. The only two coloured metals are gold and copper.
12. All the gold produced from 1493 to 1963 could be formed into a cube measuring only 50 feet along its edge.

Since our first field trip of the season is coming up now is the time to check your equipment and have it ready.

For safety - heavy rubber soled shoes, gloves, hard hat, goggles, first-aid kit.

For collecting - hammers, light and heavy; crow-bar, chisels, shovel, magnifying glass, pail and water to wash specimens.

For keeping - paper and pencil, tissue paper or kleenex for wrapping, box or basket for carrying specimens.

Seasonal - Sweaters, raincoat, insect repellent, sunburn lotion, swimming suit.

Also - Camera, film, lunch and water or soft drinks, bottle opener.

And finally the composite code of ethics of the American Federation of Mineralogical Societies.

' ROCKHOWNDS CODE OF ETHICS '

- I will respect both private and public property and will do no collecting on privately owned land without the owner's permission.
- I will keep informed on all laws, regulations or rules governing collecting on public lands and will observe them.
- I will to the best of my ability, ascertain the boundary lines of property on which I plan to collect.
- I will use no firearms or blasting material in collecting areas.
- I will cause no wilful damage to property of any kind - - - fences, signs, buildings, etc.
- I will leave all gates as found.
- I will build fires in designated or safe places only and will be certain they are completely extinguished before leaving the area.
- I will discard no buyⁿing material - - - matches, cigarettes, etc.
- I will fill all excavation holes which may be dangerous to livestock.
- I will not contaminate wells, creeks, or other water supply.
- I will cause no wilful damage to collecting material and will take home only what I can reasonably use.
- I will support the rockhound project H.E.L.P. (Help Eliminate Litter Please) and will leave all collecting areas devoid of litter, regardless of how found.
- I will co-operate with field trip leaders and those in designated authority in all collecting areas.
- I will report to my club or other proper authorities, any deposit of petrified wood or other material on public lands which should be protected for the enjoyment of future generations for public educational and scientific purposes.
- I will appreciate and protect our heritage of natural resources.
- I will observe the 'Golden Rule', will use 'Good Outdoor Manners' and will at all times conduct myself in a manner which will add to the stature and 'Public Image' of rockhounds everywhere.
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