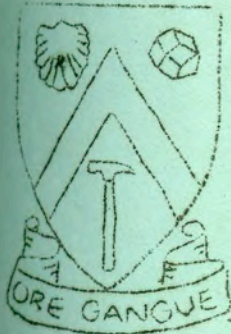


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# The CONCENTRATES

APRIL 1941

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" SPRING ~ ~ "

REARNS

# THE CONCENTRATES

Semiannual publication of ORE GANGUE, geological society of  
the University of Saskatchewan, Saskatoon, Sask.

Editor: Harold R. Robinson

Assistants: Frank Mooney, Stewart Keddy

Cover Design: R.B. Cairns

## *With the Editor* .....

Another University year is fast drawing to a close and we herald it with this eighth edition of The Concentrates. Our appeal for a larger degree of financial aid fell on very favorable ears, for the grads have responded generously, and so this issue is possible in its present form. We hope that you like as we feel that it will mark an important step forward in the history of the publication. Actually the printing, instead of mimeographing, has added only a small degree to the total cost, the increase being only about 20%. It is evened to a certain degree, as the less bulky magazine, due to printing on both sides of the paper, has cut down our postal costs. We call for commentaries from you, grads.

In this issue we have made an innovation in describing the original work being done around the department. The theses, and problems being attempted in Geology 91 are a phase of our present departmental life that was absent in the earlier days, so we are presenting them to show the grads some of the things that are being done. In this issue, following the precedent of last year, we are not publishing a full list of grads, but only the news of those from whom we have heard directly since last fall. This will avoid repetition of news sent on before. The list of summer reading books has been published again as we received many favorable comments on that of last year. It has been revised and many of the newer books are now included. We can assure you of hours of pleasant reading from them. The rest of our issue is devoted to the usual activities of the Ore Gangue in the sporting, academic, and social phases of life on the Campus.

## 📖 In Retrospect 📖

The Ore Gangue this year has completed one of the most successful years of activities. The old timers shook their heads and cried in their beer for the "Good Old Days", when the opening of varsity in the fall found so many familiar faces absent, but a weak beginning was finished off with a really fine record. The usual run of social activities was well attended, and curling hit a new high as seven rinks were entered in the competition. The winning of the Greig Cup for curling and the Donald Trophy for Tug-o'-War were the brightest spots, bringing fame to the Ore Gangue in the varsity sporting world. The seminars this year were the best attended and most numerous for some time past, as the executive arranged for interesting guest speakers from other departments. The Gangue looked as if it would be much smaller this year, in the fall, but an influx of late joiners allowed us to bring the quota up to that of last year. What is more favorable, a large number of men from the junior years assures us of a goodly supply of well seasoned Ganguesters to start next year off with a bang. Taken all-in-all, the year ranks up very well with past seasons of the Ore Gangue's history.

## Ore Gangue Becomes a College

Dreams of Ore Gangues of the past were realized the other night when the lads collected their Greig Cup for the interfaculty curling championship. There on the cup, in beautiful engraving, is inscribed "College of Ore Gangue, 1940-41". Though some people claim that it was just an error by the engraving people, we maintain that it is fully justified, and didn't Dr. Mawdsley say, at Color Night, when the cup was presented, "I guess that makes me a dean?"

## Ore Gangue Spring Party

The weather man proved a very serious source of opposition to the Ore Gangue's party plans for the winter. Our well founded plans for Sleighing and Toboggan parties fell through due to cold weather, so another indoor party was held at the Blue Room of the Elite Cafe, and was generally voted an outstanding success. Dancing featured the main part of the evening and such old timers as the Rye Waltz and the Military Schottische were tried successfully by some, though with disastrous results by others. A fine lunch was enjoyed by all and punch was served throughout the evening.

After the long discussions of the relative values of Schmoo which have featured many noon hour bull sessions during the winter, and with the subsequent boasting of the many enthusiastic followers of that pastime, "Blossom" Pulley, our specialist in the amorous arts carried on a competition following the lunch, for the best osculator among the lab leaders in this field. Liberally coating the osculatory apparatus of the contestants with a brilliant shade of lipstick, and blindfolding them to create the conditions of darkness so vital in this popular sport, the contestants were introduced, with their past triumphs being told, and then were led to kiss a likeness of a beautiful young lady. The audience, which had watched spellbound throughout the proceedings was then asked to choose their winner. The vote was a tie, with Cassanova Markland and Rhett Butler Mooney sharing the great honors. Following this the contestants, to disprove the year-long contention by Mr. Pulley that this kissing game was not for him, seized the fat lad, and coating him from ear to ear with lipstick, forced him to show his powers in the manly art. With the contest over, dancing continued to the small hours, with a subsequent small attendance at Geology 51c in the morning.

## Curriculum Changes In Geology

For the first time in some years changes feature the geology curriculum. With the coming of Dr. Byers, and the subsequent lightening of the load for lectures, and also after the repeated evidence for the need for change on the Engineering course, these changes were brought about. Even more drastic ones have been threatened for next year.

From now on Geology 41, Stratigraphy, and Geology 51c and 52c, on Structures, will be given each year instead of alternating as formerly. It is hoped that similar steps will be taken with Mining, Ore Dressing, and Metallurgy later. Geology 51c. Descriptive Geometry Applied to Geology, has been removed from the Engineering course, as it was felt that it could not provide a simple explanation of the subject of Descriptive Geometry for the Artsmen and at the same time give a class of sufficient value to the Engineers. The class will continue to be one of the required classes on the Honors course in Arts, and Dr. Byers will see that the Engineers receive sufficient experience in the application of Descriptive Geometry to structures, in the Geology 52c class. In the place of Geology 51c, a class in Machine design has been added for the engineers, in response to numerous requests. In Mining 1, Dr. Byers will give the first part of the course that was formerly given by Dr. Mawdsley and Professor Spencer will continue with the second half. In addition, Dr. Byers is planning changes in the laboratory work of the general course.

## The GRADUANDS

*by Frank Mooney*

This year fourteen Ganguesters will tangle with the faculty in the annual battle for a degree. This will be an exceptional occasion in that the faculty have a chance to fail no less than six Geological Engineers, the largest class that has ever come through the department. The Arts geologists are somewhat fewer in number this time, and there is new category in the person of a Chemical-Metallurgical Engineer. So now, with that brief introduction, we present the graduating class.

- F LIONEL AKEHURST, Saskatoon, Sask. Lionel is one of the Ganguesters on whom it is hard to pin any real dirt. He is a prospective grad in Engineering. He has been a member for three years and has taken an active interest in Gangue doings, especially curling. He is a famous seeker after red-heads.
- E BOB CAIRNS, Saskatoon, Sask. Bob is another prospective Engineering grad. During the past year he has been the man who has handled the Ore Gangue money, as well as being the lab. illustrator and lettering specialist. He was one of the husky Ganguesters who helped pull the Donald Trophy away from the College of Agriculture last fall, at the Hallowe'en Carnival. Bob will do anything for a friend. He will go to Belleterre in the spring to help Larry Trenholme geologise the countryside.
- E JEFF CAVERLY, Saskatoon. After three years in the Ore Gangue Jeff is prepared to graduate in Engineering. He was a member of the Tug o' War team last fall, and a busy member of the Activities Committee during the term. Jeff was active in the wrestling this year, though an injury prevented him from entering the intercollegiate competition.
- E STEVE CHACHULA, Bienfait, Sask. After three years as an Ore Gangue member Steve will leave us this spring, likely to take up work in the mining fields of British Columbia. During his course here he was active in wrestling, dancing, curling, and general mischief around the lab. Is famous for his ever-present Apricot Brandy.
- JACK COLE, Saskatoon. Jack will no doubt be successful in obtaining a degree in Chemistry in Arts this year, and next year will supplement it with a degree in Engineering, with inclinations towards Metallurgy. Jack was a member of the Husky Rugby team during the fall term and was a member of the Saskatchewan team in the Assault-at-arms this year as a wrestler, and won his match.
- E JOE FRANTZ, Saskatoon. Joe has been a member of the Gangue for the past two years. He hopes to graduate in Geological Engineering this spring. Joe was a member of the 1941 Championship Curling Team, which won the Greig Cup.
- STAN HARDING, Saskatoon. Stan has been a member of the Society for the past two years, and was an active curler this year. He also acted as "stroke" on the Tug o' War team. He will return next year to complete the honors course. He keeps himself busy playing with bags of dirt and keeping ahead of Pulley in drafting.

E RUPERT IBBOTSON, Radisson. Rupe intends to graduate in Engineering this year after two years with the Ore Gangue. He has been a curler for the past two winters. Has nothing definite in view for the summer.

E FRANK KLEMMER, Anglia, Sask. Frank will receive another pair of initials this spring, when he gets his degree in Engineering. He has nothing in view for the future as yet but may go to International Nickel.

STEWART LADD, Regina, Sask. Stew will receive his degree in Chemical Engineering this spring, but his extra classes in geology have shown his interest in Metallurgy. Stew has been a member for three years, and was a busy member of the activities committee this year, as well as being an ardent curler. Gained notoriety this year as a prowler around Sask. Hall.

OLAF NESS, Dinsmore. After a long absence from the university Olie returned to the university this year to complete his degree in Arts and Science. Knowing few of the Gangue last fall, he has become a last-friend among the members this winter. Olie took an active part in the Ore Gangue curling. He intends to try for a place in the R.C.A.F. as an instructor in Aerial Navigation.

BOB PULLEY, Saskatoon. Bob is a prospective graduate in Arts Geology this spring. In his two years as a member of the Ore Gangue he has been able to keep a close watch on the love affairs of the different members and cause considerable consternation with the secrets which he gathered. Bob was active in curling and Tug o' War, as well as social activities. He rather expects to be back with the Gangue next year.

DAVE SIDDONS, Wainright, Alta. Dave, as an old time member of the Gangue, intends to graduate in Arts Geology this spring. He has been noted for his social activities, but has managed to keep his secrets away from the Gangue's all-seeing eyes. He has been an officer in the local unit of the Royal Canadian Corps of Signals all winter, and hopes to get into the Air Force in the spring.

I BERT TAYLOR, Cando. Bert is another man with the intention of getting a degree in geological engineering this spring, after three years with the Ore Gangue. Bert's good marks are an outstanding example of what true love can do for a fellow. Bert hopes to find a place with Siscoe Gold in the spring.

## ORE GANGUE COPS CURLING CUP

*by Jim Shirkie*

All precedent was upset this year in the field of interfaculty curling as the Ore Gangue emerged as victors in the realm of the "Roaring Game". There was less of the element of chance in this than might be supposed. In the contest for the Greig Cup nearly the whole Society enlisted, with a wild burst of patriotic fervor, under the banners of Bell, Akehurst, Ness, Ibbotson and Hagerman.

Bell's rink matched with Akehurst's, was defeated in the first game and relegated to the back of the draw. There it lay, a dark horse, and the Ore Gangue's "Ace in the Hole," to slowly filter to the left hand side. Starting slowly, it finished in a blaze of glory, and defeated St. Andrews 10-8 in a memorial final game. This rink, the noisiest one flying the Ore Gangue colors, consisted of Cy Bell, Jimmie Shirkie, Robbie Robinson, Jo-Jo (The Dog-Faced Boy) Frantz. It might be argued that the boys took

unfair advantage of their exceptional vocal endowments to do their neighbors ill. Be it as it may, the sergeants from the C.O.T.C. drill hall next door complained bitterly of the competition. A six ender was chalked up in one playoff game with the Engineers, and just to prove that it was not a fluke, the boys did it again, with the Accountants, in the next game. Both these games were won 17-4.

In addition to the bonspiel, the Ganguie held its own draw, which was unfortunately cut short by the interfaculty competition. Rinks were skipped by Akehurst, Klemmer, Bell, Ibbotson, Stevenson, Hagerman, and Ness. Of these, the rinks of Hagerman, Ness, and Ibbotson, were still undefeated when the schedule was forced to a premature close.

## Ore Ganguie Seminars

A most successful program of seminars was carried out during the winter, breaking all records of the past few years. In all, the seminars tended to be a little more practical, and of more interest than of former years, and as a result a large attendance was on hand at most of them. This year there were eight student seminars given, three by staff members, and two by visitors.

J.T. Shirkie opened the season with a discussion of geophysical methods and theory, and E.F. Klemmer enlarged on this in the next seminar, discussing the more practical uses for this fast-growing science.

A.L. Akehurst spoke on the stoping methods at the Pickle-Crow Mine, where he was employed during the past summer, and R. Ibbotson gave an interesting talk on the assaying at the God's Lake Mine. S. Chachula talked on the flotation methods at the Britannia Beach Mine.

H.R. Robinson discussed the surface exploration methods at the Belleterre Quebec Mine, and R.B. Cairns told of the methods and cost of stoping at the Moneta Mine. Stewart Keddy gave the final student seminar with a most interesting discussion of the oil and gas supplies of Europe and Asia and their bearing on the war situation.

In the first seminar by a faculty member, Professor F.H. Edmunds gave a particularly interesting talk on the retreat of the glaciers in central Saskatchewan, illustrated by an excellent set of maps.

Dr. J.W.T. Spinks, of the Chemistry Department, gave an enlightening talk on crystal structures. Dr. A.R. Byers handed out a wealth of information on bush-wacking and bush equipment, which was particularly helpful to those fellows who have never been up where "Men is men".

The final seminar by a faculty member was by Prof. W.G. Worcester of the Ceramics Department who spoke on recent advances in the Ceramics industry and also gave the chaps a few hints on valuable industrial minerals that are worth taking notice of in the north.

Flying Officer Edgar of the R.C.A.F. gave the fellows an interesting story of the early developements in the Central Patricia area of northern Ontario. Alf Akehurst, one of our original Geological Engineers, in another seminar, helped those hoping to get into the petroleum industry, with an informal discussion of the openings to be found for students, and the types of work which students might expect to get.

Altogether, the seminars proved very well attended. A large percentage of the graduating class gave them and only a lack of field experience in some cases or the pressure of studies on other students prevented more from being given.

## "Happy" Hill Passes On

Deep regret is felt by all members concerning the probable fate of L.S. "Happy" Hill, who is "Missing as a result of enemy action" since last Dec. In the past, "Happy" Hill, was one of the most prominent members of the Ore Gangue. He was particularly active in the organization and continuation of the "Concentrates", and was its editor for its first three years. He was one of the earlier members of the Gangue, and graduated in 1938 with a B.Sc. He spent one year in the honors course at Saskatchewan and then went to McGill where he received his M.Sc. Last spring saw him in the Air Force, from which he received his commission as an observer, after obtaining exceptionally high standings throughout the whole of his course. He was transferred to Scotland last fall, where he was to stay a short time before coming back to this country to act as an instructor. His last letters reported the usual well-known interest and enthusiasm.

His parents have recently received the following information from the Air Ministry: "The aircraft was engaged in an operational flight, and it is feared that it crashed into the sea. A part of the wreckage was later discovered by a destroyer, but there has been no trace found of the occupants." -E.F.K.

## NEWS of the GRADS

ALF AKEHURST: Was a visitor in Saskatoon during the Christmas season. Has been transferred to Venezuela by Shell Oil. Likes the climate there. Address is now c/o Caribbean Petroleum, Maracaibo, Venezuela.

HAROLD AMES: Still looking after the geology at Perron Gold, Perron, P.Q.

WILF BAILLIE: c/o Tropical Oil, El Centro, Columbia. Finds the ladies in the southern latitudes too much in the marrying mood, so has to be constantly on guard.

JOHN BAKER: His wife received a cable about three weeks ago that he is on his last leave so Jack is probably on active service with the Royal Rhodesian Air Force by the time this reaches our readers.

GORDON BEARD: Still working for Northwest Oil, Box 504, Weyburn, Sask.

GEORGE BERENBOM: Still making his fortune in the Chemistry Building.

JACK BROWNING: c/o International Petroleum, Apartado 803, Guayaquil, Ecuador. Things are progressing well and Jack is keeping the insects well fed.

MURRAY CLARKE: Murray worked around Vermillion, Alberta most of the winter, for Franco Oil. Is now trying the munitions game, and is working for War Industries Limited, at Nobel, Ontario.

DON CREED: Visited the lab. a couple of times this spring. Has joined up with the R.C.A.F. and has gone east for training.

ERLE CRULL: Box 807, South Porcupine, Ontario. Is on the staff on the Pamour Mine, and likes the job and the Saskatchewan Colony in Timmins.

DON DOUGLAS: Hopes to get his masters degree from McGill in the spring. Looks to employment with Sherritt-Gordon Mines this summer, if not with the Geological Survey. Would like to do further post-grad work but his plans for the future are still rather hazy.

HANK FAST: Hank is continuing as the geologist and engineer at Negus Gold Mine, Yellowknife, N.W.T. He likes the job and finds plenty to keep him busy. A visitor in Saskatoon in the spring for treatments for tonsillitis and sinus trouble.

MAX GREENBERG: Has been transferred from North Battleford to Regina in connection with the civil administration of the R.C.A.F.'

- WENDEL GREIG: Will get his doctor's degree from Princeton this Spring.
- BILL HANCOCK: Is now sampling at the Hollinger Mine. 32 Way Ave., Timmins, Ontario.
- VIC HENRY: Is teaching school at Hazenmore, Sask.
- STEW KEDDY: Expects to receive honors this spring after a busy winter. Stew will go into active service in the army after having been a lieutenant in the C.O.T.C. all winter.
- AL KEEVIL: Al is getting along fine at Toronto Varsity, taking classes towards his masters degree. Hopes for work on the G.S.C. in the summer.
- NORMAN KEEVIL: Still on the Geophysical work for Hans Lunberg, and Toronto University.
- FRANK KLEMMER: Frank will receive his degree in Geological Engineering this year.
- LIONEL LABERGE: Spent the Christmas holidays in the city, with many old style reunions with the fellows resulting. c/o Northwest Oil, Box 504, Weyburn, Sask.
- WES LAWSON: Teaching at Balfour Technical School, Regina.
- HAROLD MORROW: Now geologist at McLeod-Cockshutt Gold Mine, Geraldton, Ontario.
- BOB NORRIS: Still making Jerry uncomfortable over the English skies, with R.C.A.F. Turns up in rotogravure sections fairly regularly.
- JIM PARRIS: Still in England with the Canadian Army.
- BILL McPHERSON: Expects to receive his wings soon in the R.C.A.F. Will likely be assigned as an instructor to a civil aviation school. Was last stationed at Fort William, Ontario.
- NEELY MOORE: We're very sorry to have in some way missed Neely out of our fall issue. He spent last summer with C.M.S. in the Contact Lake area in the Lac la Ronge District. We assume he is still working for that company.
- GEORGE PEEK: Is at the observer's school of the R.C.A.F. at Winnipeg. Was a lab visitor when home on a short leave in March. He is really becoming quite the man about town. It's wonderful what that blue uniform does for a guy.
- HAROLD ROBINSON: Will receive honors in Geology and Biology this spring. Will go to McGill for postgraduate work in Palaeontology next winter and hopes to find field work with the G.S.C. or the Quebec Bureau in the summer.
- BILL ROBINSON: Bill spent a large part of the winter in Saskatoon, finishing off his summer's report and his thesis. Has joined up with the R.C.A.F., having been offered a commission to act as an instructor. Address is P.O. W.G. Robinson, Officers Mess, No.1 A.N.S., R.C.A.F. Station, Rivers, Man.
- SANDY SANDERSON: Visited us at Christmas time on his way east. Now employed in the munitions industry. Address is 100 Rue Ste. Cecile, Valleyfield, Que.
- JIM SCOTT: Is now the chief geologist for Siscoe Gold, Siscoe, P.Q.
- GEORGE SHAW: George is another man who missed out of our fall issue. He spent the summer leading a G.S.C. party in Quebec.
- GERRY THODAY: Working on the Engineering staff at Hollinger Mine, Timmins.
- MEL THOMPSON: Had a fire at the mine around Christmas and a number of buildings were burnt. Still keeping the gold pouring out however.
- JOHN THOMSON: Now the mine sup't. at DeSantis Mine, Timmins, Ont.



ERLE THORSON: Erle got tired of the mining game and is now working for the Ontario Hydro Commission.

GLEN THRALL: Continuing post-grad work at University of Toronto.

JOHN TIBBIT: Still with Territories Exploration at Yellowknife, N.W.T. Recently became the father of a baby girl.

LARRY TRENHOLME: Continuing as a geologist at at Belleterre Quebec Mine.

GEORGE WARNING: c/o Polaris Taku Mine, Tulsequah, B.C. George has been doing a little of everything at this mine and hopes to get on the staff as further development goes forward.

DON WEIR: Still at Harvard University, working on his Doctor's degree for Oxford and his master's degree for Harvard.

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## Research In The Department S. Keddy

There are four theses in the making this year by members of the graduating engineering class. In Geology 91, as well, two problems are being worked out. Some of the Engineers, however, have exemptions from theses due to military training, so there aren't so many as there normally would have been.

Jeff Caverly is working alone on his thesis, "The Geology and Ore Deposits of the Teck-Hughes Gold Mine, Limited". He was employed at that mine last summer, so has some first hand experience to help him. It is chiefly a petrological problem. With the aid of a great many slides, polished sections, and hand specimens, he is studying the various intrusive phases, ores, and some of the sediments to get an idea of the geology of the whole Mine. From what we gather Jeff is making excellent progress. Stewart Ladd, our metallurgical geologist, is working on the "Flotation of Sulphide Ores." It is chiefly a reading thesis. After considering the general aspects of the subject, he is discussing the flow sheets of both Britannia Beach and Flin Flon, with special mention of the problems involved in gold. It should be very interesting when finished.

Frank Klemmer, graduating this year in Engineering, is working out the development of a hypothetical deposit in the Lac la Ronge district near Contact Lake, where he worked last summer, for Consolidated Mining and Smelting Co. He is making special note of transportation and other costs involved.

Rupert Ibbotson and Joe Frantz are working together on their thesis, "Mining Methods and Costs at Champlain Gold Mines, Ltd." Although they are dealing with a real deposit, the problem itself is hypothetical. They have figured out their exploration and have decided on their system of mining. Like Frank, they are taking special notice of costs, especially labor costs.

In Geology 91, Harold Robinson is working on the age and fossil content of the prairie limestone boulders of which the university buildings are made, and trying to decide where they originally came from. He has quite a fair sized collection of fossils from them which he has compared with genera and species from various geological bulletins from Northern Saskatchewan. He finds that the ages are Ordovician, Silurian, and possibly Devonian.

Stew Keddy is trying to find an answer to the question of the orbicles which occur in dark fine grained rocks which are found as glacial boulders on the prairie. These rocks are often seen with the carbonate leached out forming spherical holes in the surface. Stew has been especially hampered by the lack of literature on the subject.

## Summer Reading List.

The University Book Store has in stock or can procure any of these books. The following are books connected with the Geological Sciences that are strongly recommended:

ROCKS AND ROCK MINERALS, Pirrson and Knopf; John Wiley and Sons, \$3.50 - this book should be read by those who are planning to take Geology 21 next year, for an excellent introduction to Petrography.

ARCHITECTURE OF THE EARTH, (1938), R.A. Daly; D. Appleton-Century Co. \$3.00 - an excellent book written in popular style. A good preparation for Geology 52C.

THE MAKING OF THE EARTH, J.D. Gregory. Home University Library. 70c.

MOTHER EARTH, G.W. Robinson, Murby and Sons, 1/4 London. 10/. (?)

A HISTORY OF AMERICAN MINING, T.A. Rickard. McGraw-Hill. \$3.00.

ELEMENTS OF MINING, R.S. Lewis. John Wiley and Sons. This is the text for Mining 1 and would be well worth reading in the summer for those taking the class next year.

The following is a list of books on Economics, History, and current thought, prepared through collaboration with Professors Britnell, *Simpson* Whitelaw, and King.

A SHORT HISTORY OF THE WORLD - H.G. Wells, Thinkers Library, Watts. 35c

GROWTH OF CIVILIZATION - W.J. Perry, Pelican Books. 15c

LIBERTY IN THE MODERN STATE - H.J. Laski, Pelican Books. 15c

THE ROWELL-SIROIS COMMISSION Report - King's Printer, Ottawa. \$1.00 for the three volumes - three volumes of excellent material, especially one on the history of Canada. THE ROWELL-SIROIS COMMISSION Report -

A Summary, S.A. Saunders. Ryerson Press, 1940. 40c.

CONFEDERATION MARCHES ON, A Comment on the Rowell-Sirois Commission, R.M. Fowler. Canadian Association for Adult Education. 10c

MAN'S WORLDLY GOODS - Leo Huberman, Harpers. \$2.50.

PRACTICAL ECONOMICS - G.D.H. Cole. Pelican Books. 15c.

ECONOMICS IN PRACTICE - A.C. Pigons, MacMillans. 5/.

DEMOCRACY - C.D. Burns, Home University Library. 65c.

Intelligent Woman's Guide to Socialism and Capitalism - G.B. Shaw. Pelican Books 1A and B. 15c each.

THE ECONOMIC CAUSES OF WAR - Lionel Robbins. Johnathan Cape (1940). \$1.25.

Some notes on War and Peace - Walter Lippmann. MacMillan. 50c (1940).

WHERE ARE YOU GOING? - An Open Letter to Communists. Victor Gollanez. Gollanez Press. 15c (1940).

UNION NOW - Clarence Streit. Johnathan Cape, \$1.85 (1939).

There Shall Be No Night - Robert E. Sherwood. Scribners, \$2.00. (1940).

An excellent play with the Russo-Finnish War as a background.

## Ore Gangue Officers For Next Year

President: Jim Shirkie.

Vice President: Dennie Badenoch.

Sec. Treas.: Doug Markland.

Editor of the Concentrates: Frank Mooney.

Activities Committee: Bob Pulley, Cy Bell.

## The Graduands Banquet

by Stan. Harding

On Tuesday evening March 4, all good and true members of the Ore Ganguer met at the King George Hotel for the annual spring banquet. After the traditional prelude behind the swinging doors, the boys went prospecting for the food, which they finally located in the Oak Room. The traditional beefsteak was replaced this year by roast chicken and it was generally agreed that the latter was much easier on the teeth.

Members of the faculty present were Dr. Mawdsley, Prof. Spencer and Prof. Edmunds. Dr. Byers and Prof. Atkinson were unfortunately ill and so could not be present and their traditional stories were sorely missed.

Toastmaster Frank Klemmer began the program by proposing a toast to the king. Dr. Mawdsley was then called on to propose the toast to the fourteen graduands. In his easy manner, he read out the list, one by one, with a brief comment for each. He was certain that in spite of any personal misgivings on the part of individual graduands, that they would find themselves equipped to step into places in industry as other graduating classes had. He referred to the added duties of military training which both the staff and students had undertaken this year and said that he was quite well pleased with the amount of work done in the Geology Department. To each and all he wished good luck in the coming battle with the faculty.

Jeff Caverly replied to Doctor Mawdsley in a very able manner. He expressed for all the graduands, words of appreciation to the faculty for the interest they had taken in the students.

Doctor Byers had been scheduled to give the address of the evening, but owing to his absence Harold Robinson filled up the gap in the program. He entertained us with reminiscences of past years in the Geology lab. Jim Shirkie, who proposed the toast to the faculty, had no stories to tell, because it has always been a rule of his not to hoard good things, and the boys had already heard all his stories. Professor Edmunds in replying to the toast mused on the vast changes that had come over the department this year. He could only recall coming out of his office twice to investigate the cause of noise in the lab. On one of these occasions he had found Bob Pulley suffering intensely for having been born.

Professor Edmunds was also pleased to note that the geologists were developing imaginations. The mating call of Brontosaurus which he had heard Jim Shirkie give on the banks of the Saskatchewan river last fall was all that the most imaginative could have desired. After closing the program with God Save the King a half hour of singing was enjoyed in the piano corner.

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### FLASH.....

The department will have to operate without the services of Prof. Atkinson next year, as that popular lecturer has joined up with the navy, with the rank of Lieut.-Commander. He is a naval architect and will use this knowledge in helping the war effort. Dr. Byers will take over Geology 51c in his absence. As a result, our plans for publishing his book must be dropped for the time being.

"Ben" Allen is now in the city and will be invalided out of the army in about a month. Letters addressed Lieut. Allen, R.B., R.C.E., Military H.Q., Exhibition Grounds, Saskatoon, should reach him.

Gordon Stewart will be in Saskatoon for some time. 1026 Aird Street.