

1732 - FIRST IN PEACE - 1932 Tenth Annual Commencement May 16

NORMA FLORIN CLAUSEN
Bachelor of Science in Business
Administration



Norma Florin Clausen also received her high school diploma at Fairbanks. She enrolled in the course in Business Administration at the College, and, unlike women as reported to be in such matters, has not changed her mind, at least, with regard to her course. As a member of the B. A. Club, Norma figured prominently in debating. It might be said that whether she was right or wrong, she never lost. That speaks for itself. So does Norma. She is the secretary of the senior class. Her degree will be Bachelor of Science in Business Administration.

DONALD MacDONALD III
Bachelor of Science in Civil
Engineering



Donald MacDonald III of Fairbanks also will receive a Bachelor of Science degree in Civil Engineering. He appeared in "Arms and the Man" and played in the College Band. "Mac" has been a letter man on the "Varsity" basketball team every year that he has been here. He attended Rosecrans Technical Institute last year, and has returned to his original Alma Mater to graduate. Donald was one of the founders, and was the first president of the Civil Engineering Society in 1923. Someday he will finish the International Highways.

WILLIAM THOMAS BURNS
Bachelor of Science in General
Science

William Thomas Burns graduated from the Fairbanks High School in 1928. His desire to learn remained unsatisfied, so he appeared at the College the following fall as a target for some people's padlock. He survived the trials and tribulations of a freshman by a sufficiently wide margin to encourage him to continue during the

ing his second year, Burns mastered the science of chemistry so completely that he turned his attention to other fields, as it were, and enrolled in Mining, in which he could study the pyrotechnics of Professors Wilkerson and Hinton more fully, and at his leisure. Literature, truth, and those various "pyro-" sciences mean so much to the long, slim young man from Fairbanks that he facetiously styles himself "a procrastinating, pyro-



JAMES LOUIS GIDDINGS JR.
Bachelor of Science in General
Science

James Louis Giddings went from Galweil High School in Galveston, Texas, to Rose Institute at Houston, Texas. After three years there, he decided to go north to finish. Last fall, he appeared on the Campus, quietly announced his intentions, and went to work. It was not long before Professor Fuller had him up late nights running down the aurora and operating a wireless set like a commercial op-



ALVIN ANTONIO POLET
Bachelor of Science in Business
Administration

A list of the activities of Alvin Polet of Nome reads like a complete calendar of College events. He played in the band, wrestled, and captained and coached the football team for two years. He appeared in "Mrs. Temple's Telegram," "Officer 666," and "Loose Ankles." Al was president of the Men's Dormitory Association and the Commercial Club, and was the Treasurer of the Student Association during the term '30-'31. He



JOHN ROLAND SNOGRASS
Bachelor of Science in Agriculture

presided over the Student Association in 1931, and has been treasurer of the Men's Dormitory for the past year. He spent his freshman and sophomore years at the University of Washington. Mr. Polet will graduate with the degree of Bachelor of Science in Business Administration.



ROBERT EDGAR LYLE
Bachelor of Science in Civil
Engineering

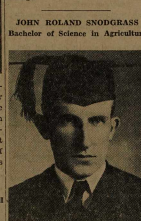
Robert E. (Bob) Lyle of the Nome ("best high school in Alaska") delegation will be one of the four graduates to receive the degree of Bachelor of Science in Civil Engineering from this institution. He appeared in the College play, "Spreading the News." He was Vice President of the Civil Engineering Society during the term '30-'31, and was President for the next term. He was President of the Men's Dormitory Association during the school year '29-'30, and was Vice President of the Student Association for two semesters in 1931. Bob's specialties are drafting, hard problems, and arguments.

PHILIP IVAN GILL
Bachelor of Science in Chemistry



Philip Ivan Gill left Anchorage High School with the intention of

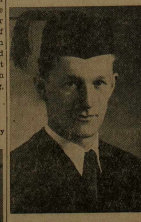
becoming a chemist. This year he will become the first graduate of the College to receive the degree of Bachelor of Science in Chemistry. Phil has always refused to enter seriously into athletics, preferring rather to devote his time to reading and studying. Nevertheless he rates high among the shot-putters and high jumpers, is second to none with the javelin, and holds the broad jump record for the College.



DONALD ROBERT MUELLER
Bachelor of Science in Civil
Engineering

Donald Robert Mueller graduated from the Chaffey Union High School of Ontario, California. He came here to become a Civil Engineer, and it is in that field that he will receive his Bachelor's degree. Don was a partner in the College Taxi in the year '29-'30. He plays in the College Band. Don has served in official capacity as vice-president of the student association, and as president of the senior class. Last year he deserted the ranks of the basketball to marry Miss Flora MacDonald who was at the time a sophomore of the College. This year he will, in a sense, rejoin the basketball.

WILSON WILLIAM WALTON
Bachelor of Science in Civil
Engineering



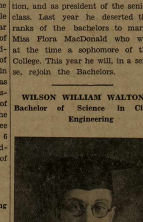
The name of William Walton lends itself so well to the alliteration "Walla Walla, Washington" that most of us have lost sight of the fact that he came from Wenatchee. Wall graduated last year from this institution in General Science. This year he will graduate with his second Bachelor's degree, in Civil Engineering. During the last summer he earned the honorary degree of Bone Doctor by recovering from the excavations of the F. E. Co. the mortal remains of the large and vicious animals that once roamed this country. This winter he worked with Professor Fuller on the Aurora, and he now has the distinction of being one of the few men to have photographed successfully the elusive Northern Lights.

OLGA STRANDBERG DOHNEY
Bachelor of Arts in English and
Language Education



Olga (Strandberg) Dohney entered the College from Anchorage High School. She got the Irish accent to her name by becoming the wife, last spring, of Larry Dohney, who graduated in Geology and Mining from the College in 1930. Olga took care of the Bookstore during afternoon last year, but outside of that she has devoted most of her time to her education and towards earning her degree of Bachelor of Science in English and Language Education.

SADIE PRATT MOYER
Bachelor of Science in Business
Administration



Sadie Leachne Pratt Moyer came here from Cordova. She was vice president of the freshman class in '28-'29, played basketball for two years, Sadie played in "Seven Keys to Baldpate," and took the leading roles in "Mrs. Temple's Telegram," "Officer 666," and "Cappy Ricks." So often had she played opposite Sam Moyer, and so well did she like the position that she decided to make it permanent. The admission was mutual. They were married last spring. Mrs. Moyer is a member of the B. A. Club and will receive her Bachelor's degree in Business Administration.

ALDWIN DAVID ROBERTS
Bachelor of Science in Mining
Engineering

Aldwin David (Buck) Roberts graduated from Buckley High School. He attended the University of Washington, playing on the freshman football team. Buck was president of the Student Association in 1929-'30. He has also been president of the Men's Dormitory Association and of the Junior Class. At present he is the president of the Mining Society. He took a lead-

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SUNDAY, MAY 1, 1932.

WASHINGTON

Washington is the nightiest name of earth—long since mighthead in the cause of civil liberty, still mighthead in moral reformation. On that name no eulogy is expected. It can not be. To add brightness to the sun, or glory to the name of Washington is alike impossible. Let none attempt it. In solemn awe we pronounce the name, and in its naked deathless splendor lead it shining on.—Abraham Lincoln.

We need in our public and private life such pure and chastened sentiments as result from the sincere and heartfelt observation of days like this, and we need such quickening of our patriotism as sedate contemplation of the life and character of Washington creates. . . .

Washington was the most thorough American that ever lived. His sword was drawn to carve out American citizenship, and his every act and public service was directed to its establishment. . . . Let us thank God that he has lived, and that he has given to us the highest and best example of American citizenship.—Grover Cleveland.

It is doubtful if anyone outside of certain great religious leaders ever so thoroughly impressed himself on the heart of humanity as has George Washington. No figure in America has been the subject of more memorial tributes and more untiring praise. And yet the subject never seems to be exhausted and the public interest never seems to be decreased. The larger our experience with affairs of the world, the more familiar we become with his life and teachings, the more our admiration enlarges, and the greater grows our estimation of his wisdom. He represented the marvelous combination of the soldier, the statesman, and the statesman. In the character of each he stands supreme.—Calvin Coolidge.

EVOLUTION

When you were a Tadpole, and I was a Fish,

In the Paleozoic time,

And side by side in the ooze and slime,

We sprawled through the ooze and slime,

Or skittered, with many a casual flip,

Through the depths of the Cambrian Fen.

My heart was rife, with the joy of life,

For I loved You even then.

Mindless we lived, and mindless we loved,

And mindless at last we died;

And deep in a rift of the Ceraooc drift

We slumbered side by side.

Then, lo! we turned on in the lapse of time,

The hot lands heated again,

Till we caught our breath, from the womb of death,

And crept into light again.

We were Amphibians, scaled, and tailed,

And dumb as a dead man's hand;

We coiled at ease near the dripping trees,

Or trailed through the mud, and

Croaking and blind, with our three clawed feet,

Writing a language dumb,

While a savage spark in the empty dark

To hint a life to come.

Yet happy we lived, and happy we loved,

And happy we died once more;

Our forms were rolled in the clinging mud

Of a Neozoic shore.

The cone came, and the cone died,

And the sleep that wrapped us

fast.

We were given away in a newer day

And the night of death was past.

Then light, and swift through the jungle trees,

We swung in our airy flight,

Or breathed in the balms of the forested palm.

I carved the fight on a reindeer bone

With rude and hairy hand.

I pictured his fall on the cavern wall

That man might understand.

For we lived by blood and the right of might,

Erre human ways were drawn.

And the age of sin did not begin

Till our brutal tricks were gone.

And that was a million years ago

In a time that no man knows;

Yet here tonight in the mellow light

We sit at Delmonico's.

Your eyes are deep as the De-nu springs.

Your hair is as dark as jet;

Three years ago, yet Your life is new.

Your soul unfriended, and Your—

Our trail is on the Kimerage cut

And the scrap of the purplebark them.

We have left our bones in the bogshot stones.

And deep in the Corline craps;

Our lives is old, our lives are old.

And death shall come again.

Should it come today, what man may say.

We do not live any longer?

God wrought our souls, from the Tremado beds

And furnished them wings to fly.

He carved our spurs in the world's dim dawn.

And I know that it shall not die.

Though cities have sprung above

His graves.

Where the crooked-boned men made war,

And the Osman creaks over the

Where the mummified Mammoth are.

Then as we linger at luncheon here

On a grave

Let us drink new to the time when you

Were a Tadpole, and I was a Fish.

LANGDON SMITH

WHAT'S THE GOOD OF THAT?

This question is often asked in a

popular manner of one's friends

of oneself when a problem or ob-

ligation presents itself. There is

a tendency to underestimate the

real value or the seriousness of

the enigma, often passing on with-

out further thought. Thereby one

neglects seeking a good cause. Of-

ten deeds are performed without

thinking of "What is the good of

that" resulting many times in

injury to society or the failure of

the deed. "What's the good of

that." "Why" or "what for" sym-

ptoms are counterbalanced as ex-

cuses for nonperformance or for a

hasty acquiescence to the northern

exposure of the frost-laden ice-

berg of selfish thoughts, there

delving into schemes for the ful-

fillment of one's greedy desires.

A seldom does a person fail to

understand the good that is found

in such fields as art, science, lit-

erature, religion. But many people

fail to see the "why" or the "what

for" in the minute details and ev-

ery day occurrences of our perfor-

mances. What's the good of going

to school? What's the good of

the gradations for four years? Why

attend our class meetings, dances,

assemblies, and other social func-

tions? Why do anything at all ex-

cept except to exist? The answer

is "For the good of that."

Let us now turn our thoughts

back to the start of the human

race, the stone age, and later

in on his deliberations. Mr. Stone

Park wonders what his actions will

bring forth. He questions whether

the new clothes he is contem-

plating the manufacture of, will

kill larger animals or kill them

with less effort, or perhaps it may

be less efficient than his former

product. Inquiry is made as to

whether his family will have ad-

ficient furs and plenty of provisions

by the use of his new prod-

uct.

He tests the value of his in-

vention, step by step, and solves

the whys and wherefores of his

inventions. By this method up-

through immemorialness we pro-

gress by the thoughtfulness, the

forethought, the questioning of

those persons upon whose shoulders

rides the advancement of our civ-

ilization. Certainly not every one

asks the good of this or that, be-

fore proceeding, but only of the de-

gree their nobleness will sur-

live.

The engineer of today, the econ-

omist, the scientist, the poet, the

writer, the student in any walk

of life questions the validity, the

reasonableness, of his projected de-

signs before they are put into

practice. Often times the most

planned and painstaking contri-

butions fail. Why? We ask. They

have not found out; there is a rea-

son for everything. There are "whys"

and what's the use of it? where-

ever we may travel. We must of-

ten answer them not by words of

mouth but by intense physical ex-

ercise coupled with our thoughts

and convictions.

50,000 SCHOLARSHIPS

Information regarding scholar-

ships and fellowships available at

institutions of higher learning in

the United States, which is of

valuable interest to many thou-

sands of students who need finan-

cial aid to enable them to receive

their education, is contained in a

new bulletin of the Federal Office

of Education, 1931 No. 15, price 30

cents, available from the Superin-

tendent of Documents. The publi-

cation, prepared by Ella B. Rat-

cliffe, chief educational assistant

in the division of colleges and pro-

fessional schools, lists the scholar-

ship offerings at 402 colleges and

universities. More than 50,000

scholarships and fellowships are

available and fellowships are avail-

able annually in the United States,

it is estimated. The total money

value of the grants is approximat-

ely \$100,000,000.

Twenty-two States now furnish,

by legislative enactment to insti-

tutions in the State some sort of

scholarship aid, the new Office of

Education handbook of financial

aid for higher education points

out. These States are Arizona, Cal-

ifornia, Delaware, Florida, Illinois,

Indiana, Iowa, Kentucky, Maryland,

Montana, New Jersey, New York,

North Carolina, Ohio, Pennsylvania,

Rhode Island, South Carolina,

South Dakota, Utah, Vermont, Vir-

ginia, and Wisconsin.

Undergraduate grants as well as

graduate aids are listed in the bul-

letin. Scholarships are indeed by

subjects, State, and institution. The

annual money value of scholar-

ships and fellowships, whether ser-

vice is required, the number of

grants awarded to men or women,

and Negro scholarships are also

included in the listings.

"Various States, institutions, al-

umni, patriotic societies, women's

clubs, industrial organizations, chu-

ches and temples annually give

large sums of money to provide

opportunities for higher educa-

tion." Miss Ratcliffe points out in

the bulletin, "The donation of funds

for scholarship purposes is a form

of philanthropy which has gained

impetus since the World war when

a greater desire for college and

university training was evidenced.

"Scholarships offered in 1927 and

1928 ranged in value from less than

\$50 to \$2500. The greatest number

of scholarships and fellowships

were reported as ranging from \$50

to \$300 a year.

"Only a few of the older colleges

in the East record scholarships a

century or two old; the bulletin

discloses. "Harvard University has

one nearly 300 years old, a scholar-

ship given by Lady Mowson of

London, England, in 1540, when

Harvard was only seven years old."

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A VISIT TO THE HOUSE

For long months in Honolulu had come and gone before I had the opportunity to visit Maui during the first week of May. Maui, the Valley Island, whose inhabitants are fond of saying "Maui Ne Ka Ohi" (Maui has no equal). To some people Maui is a very green valley. To others, a quiet little island where one can sleep, rest, and forget the cares of the world among the rugged red hills and green green valleys. To some tourists Maui may be just Maui Island in the Pacific but to me Maui meant just one thing—a crater—a great crater rivaling and approaching in size those that might be found on the moon.

After a rough trip, the sturdy little Inter Island steamer "Haleakala" arrived in the quiet harbor of Hana, the port of Lahaina, the ancient capital of the Hawaiian Islands, and dropped anchor shortly after dark. A ladder and two small boats were lowered into the gently lapping water. A floodlight was switched on, shattering the Hawaiian night like a bursting bomb, turning night into day, and making a circle of clear yellow-green water that rapidly faded into the surrounding darkness. That circle of yellow light made a sort of round window through which we could look down through emerald depths. Through this bright window we saw fish, snails that splashed on the sea floor, and then with a rush disappeared into the darkness as a long grey shape would hover under the light. Slowly the small fish drifted away, and the boat started their circular swimming again. I noticed at last, half a dozen pairs of fascinating, shining black spots gliding back and forth in the light. It was evident that these were the eyes of some otherwise invisible creature, as they always kept the same distance and remained parallel to each other.

An automatic launch drew alongside, and with a few other passengers I climbed down into the small boat. We were soon heading for the string of lights on the not far distant pier. The ship sailed away and the small group of people disappeared up the street. I took my pack and wandered off down the beach, soon finding a soft dry spot above the high-water mark in front of a Japanese cemetery. This was my bed. The night was dark, a soft darkness that seemed to cling to objects, and made the stars by contrast shine more brilliantly. The faint tinkle of pendant glass prayer symbols from the cemetery broke the stillness, and a gentle wave lapped and rushed upon the beach. Silence. A breath of hot wind rustled the palm trees and filled the night with the sticky, sickish sweet smell of strong molasses which came from the sugar mills. Then suddenly long drawn-out ho-ho-s-s-s-h as another wave washed up on the beach. The wave sounds grew fainter, the palm trees rustled in the distance. A few hours later I awakened with a start and looked about me. Far down the beach a weird, yellowish-red light was making up and down and steadily brooding me. In a few minutes a Japanese fisherman and his family passed in front of my improvised bed, so intent upon their work that they were totally unaware of my presence. A short wiry man was in the lead, stripped to the waist, trousers rolled up above his knees, and holding in front of himself a spear poised for instant use. His wife, holding a torch high above her shavi-wrapped head was wearing a coolie coat bloused around her hips, walked along beside him, closely followed by two children, a boy and a girl, both of whom were dressed in Western. They carried half-filled buckets on their bare backs. I watched the strange procession until it disappeared around a bend in the beach.

In the morning I took a dip in the ocean, ate a bite of breakfast, and started out to find the town of Lahaina. The first thing that I noticed in that early morning hour as I walked on, was the excessively close, sticky hot atmosphere. I soon learned why the air was so lifeless but forgot the mountain and stop and forgot the heat as I gazed at the stunning beauty of the landscape. In front of me was a great field of fresh green cane with a few motionless coconut palm and acacia trees scattered through it. The field stretched away in an unending mass that broke around the foot of the steep barren mountains which reared their peaks up, into the blue sky almost touching the dunes of white cumulus clouds. A grass-green sea crowded up to the foot of the great solid masses of brick-red, veined by a shade of ethereal turquoise that can only be produced by unlimited miles of atmosphere. It was hot and still.

I asked a passing Japanese urchin the way to Lahaina. He looked at me for a minute and then said, "This Lahaina." As a sort of afterthought, he pointed down the road that was named Front Street and which evidently led to the main part of the town. Along this lane were some bungalow-like houses set well back in natural yards which were well filled with coconut trees. Some of the inhabitants were picking the nuts for breakfast, while the younger members of the families were wading in the Pacific

which lies just beyond the other side of the street. A few minutes' walk brought me to a few small two-story buildings, the first story with open-faced stores filled with strange food, strong smells, dirty yellow children and straggly mothers, while in the muddy street, all ages of Chinese and Japanese men stood around and talked or else just stood. This was Lahaina.

Bus or taxi was not to be found that would take me to Olinda, the nearest point of civilization to the crater, so I decided to find the bus for Wailuku the next town, a little more than twenty miles away. That bus was the most elusive one I ever hunted. I chased up and down the street, but I never saw anything that looked like a bus. Later I found out that it was a small green Ford that cruised up and down the street until it had a few passengers and then left for Wailuku. Having missed it I learned that a Chinese family was about to make the trip. The man motioned me to the back of the car. There I found a mass of small, silent, yellow faces, layer on layer of children packed in tighter than any sardines were ever squeezed into a can. I spent the rest of the morning walking along the tropical beach, watching a lone fisherman out on the reef, picking up unusual shells, photographing, and seeing all the sights of the city of Lahaina. About two o'clock in the afternoon I saw a green Ford car that looked like the bus I'd been looking for in the morning. I ran over to it to make sure of a place in it for the afternoon trip. But it was Saturday and the bus driver had decided not to make another trip that day. He seemed to have forgotten that there ever was a bus running to Wailuku. There was nothing to do except to see under the village banyan tree and hope that someone would be going to Wailuku before evening.

After a long wait, I made a bar-

gain with a Japanese to take me to Olinda for two dollars. We drove over the Amalfi Drive of Maui which wound around, and up and down the side of the red mountains with the ocean just beneath us—something like the storm King Highway above the Hudson River. We stopped for a few minutes at Wailuku, which is by far the nicest town on the island. Then we went down to Kahanui, the port of Wailuku, and then, slowly gaining altitude, we passed through miles of blue-grey pineapple fields. In the meantime I had my first look at the great cloud-capped bulk of the mountain that I was going to climb. When we reached Mackawae at fifteen hundred feet elevation, I felt odd for the first time in thirteen months, and it was quite a shock. The road upward was steep, winding and muddy. A cold drizzly rain had started and fell steadily; the grey clouds formed a pale rain cloud. We had been on the road about half an hour when the driver stopped the car, turned around and said "Olinda." I saw a fence, a deserted stable, and a small empty cottage. Needless to say I spent the night in the small three-room cottage that was neither clean nor furnished, but it was dry and provided shelter from the wind.

The rain stopped for a short time and I had the opportunity to see the sun go down in a burst of glory behind the cloud-capped

Koolau mountains. Occasional wisps of grey clouds scudded along below me adding to the sense of complete isolation that I felt. It seemed as if I were standing on another planet, or were standing in space looking down on the island of Maui with a sort of detached interest. There was a wide, distant first range of the Koolau mountains stretching out into the sea. That was the world line which we had driven around in the afternoon. Then came the second rocky peninsula and higher range of mountains with the beautiful sea valley looking like a great black V-shaped hole in the side of the mountain. Slowly the lights of Wailuku, nestling under the mountain, came on, then the lights of Kahanui twinkled and on the far side the Pacific ocean seemed to merge into the dusk, while the near side reflected the golden sun among fields of green. Below me

was the narrow, flat neck of Maui looking as if the white line of breakers on either side were trying to pinch Maui into two parts. This effect was heightened by the several small ponds and lakes that lie in the low belt of land that is the sugar-growing region of Maui. The fields of different colors and the irregular channels of the irrigation ditches, looked for all the world like an old-fashioned patch work quilt done in various shades of green with a few patches of blue and red sewed on.

All was quiet. The wind dropped around the side of the house; a cow lowed down the mountain side, the sun disappeared. I was homesick for the eastern states, for this evening was much like the ones that I had spent in September in the southern part of Vermont. On the road from Bennington to Williamstown, just before one leaves

—Continued on page 4.

JOHN F. LONZ

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Athletic Summary Reveals Season Of Great Activity

TRACK MEET TO BE HELD
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SCHEDULED

Last fall a point system was inaugurated to enable any person with average athletic ability to earn the college major A. A person was required to make a thousand points through participation and competition in three sports. Many of our students have taken part in sports because of this system and an active athletic program has been carried on throughout the year. An indoor shooting range was constructed in the gymnasium and athletic credit has been given for participation in matches with other schools or teams.

Having a large number of basketball players the athletic committee thought that it was best to have two regular varsity teams and keep each team as a competitive unit. This was done very satisfactorily and the college entered two teams in the local league. Team A played through the season undefeated, while Team B lost one game to each of the local teams. On the play-off for the championship of the college the A team came out on top.

Before the local basketball league was organized, an intramural basketball tournament was held. Four teams took part in the series, representing the Miners, Civil Engineers, Business Administration students, and a mixed team made up of the rest of the students and called the General Science team. The General Science team might have been a pickup team but they surely can't play basketball for they won the tournament. The Civil Engineers probably had the most outstanding team and played good ball until they ran into this Science team and lost the final game.

The college teams played about fourteen games with the local teams which is far more than usual considering that the college did not make a trip this year.

The interest shown in boxing and wrestling this past year will undoubtedly bring about a trip to a place where they will be included in our regular athletic program. Through the efforts of Professor Burroughs, a boxing class was started and regular periods were set aside for training. Many of the students took advantage of the instruction offered and some good boys developed into good boxers. Wrestling was rather held back because of having no available mat but by trying the tumbling mats together a small wrestling mat was made which permitted a modified form of wrestling. Joe Goldsberry, a short course student, was the coach and taught some of the boys enough about wrestling so that they can carry on the good work next year and keep the sport rolling.

The college boxers and wrestlers took part in an American Legion smoker this spring and made a very good showing, by winning six of the matches. They also took part in many other programs throughout the year. This group of young men should be encouraged to continue their efforts. A club is being formed to bring about better organization and cooperation.

Much interest was shown in tumbling, and this year a girls tumbling team made its appearance. Due to this Commencement, we lose our tumbling coach, Elmer Pelt who has developed what tumblers we have. Let us hope that someone will come who will keep the sport moving next year. The tumblers helped out in many of our programs this past year.

Volley ball is still played during the spare time and intramural teams have been organized for competition but volleyball is very tame now in comparison with the good old days when it was practically a major sport.

Now is the time to begin thinking of our track possibilities. Last year we held our first official track meet and kept the records established in the different events. Our track meet will be held in town this year on the aviation field, on the afternoon of May 7. Last year the meet took place a cold windy day so this year, as it will be held on a better field and with good weather, new records may be established. Ten or twelve events will be held which will give all men a chance to compete in something. Medals and awards will be given for the first and second places. The heavy snow on the hill this year will give the boys only a limited training period, but training is not a serious problem for the students. After the track meet the athletes of the college will hold their first annual official athletic banquet. The formation of an A club is being organized, while the rest of the students who have earned the College A. This will mark the closing of athletic activities. About twenty of our students will receive the College A and five of our boys will be awarded sweaters for earning the College A three times.

MOOSE AND NORTHERN LIGHTS

The aurora observers not only have to fight cold weather and other disagreeable things caused by night work but recently they were forced to leave the area. The aurora was seen more than two miles and only after considerable caution were they able to persuade said Moose to leave the "Chevy" alone.

Willie Walton and Winston Spencer were on their way to the twelve mile observation station on the Richardson Highway when they drove up to a most unexpected scene. All work making is not done near the aurora. At a fire place and this very night the aurora men disturbed the advances of a handsome bull Moose who was telling his sweet lady love how immediately she loved her. The Romeo immediately sent his lady love into the depths of a snow bank and then proceeded to inspect the "Chevy". Willie thought that he might make Sir Galahad run by tooting the horn, but alas, Mr. Moose mistook it for a challenge and immediately undertook to examine the Chevy and that bore his invincible intentions. After considerable dickering with the lights, etc. the men were able to start the Moose down the hill and although he did "not choose to run" he moved reluctantly along and after two and a half miles of uncertainty left the road.

VALUABLE CONTRIBUTIONS

The contributions appearing in the Collegian are varied and not a little assorted. The campus sees a number of people from various parts of America and the world and their personalities and ideas are often reflected in the Collegian. In Starlin's article "A Short History of the Finnish People" which was printed in the February issue was received with much enthusiasm in Alaska and in the States. It was especially in full of the "Paiuteville," a Finnish daily newspaper in Duluth, Minnesota. Considerable editorial assistance has been given by the Collegian and the Collegian.

Subscribe to The Collegian.

ECONOMY MARKET DELICATESSEN AND BAKERY

FRESH BREAD, ROLLS
and PASTRY
EVERY AFTERNOON

Tenth Annual Commencement May 16

—Continued from page 1.
Cap Roy Ricks. Buck has had a good deal of ex-



perience in coal and plant mining, and so has directed his work toward the degree of Bachelor of Science in Mining Engineering.

JOHN H. WILCOX
Bachelor of Science in Metallurgy



John H. Wilcox came to the College after winning the Margaret P. Phillips scholarship by virtue of receiving the highest grade in a competitive examination given to the graduating senior boys of the high schools in the territory. He was graduated from the Valdez High School and will receive the degree of Bachelor of Science in Metallurgy. Mr. Wilcox was Secretary-Treasurer of the Mining Society in '28-29 and had a part in the College production "Spreading the News." He has also served in various capacities on the Collegian staff and was editor for the school year '30-31.

AMATEUR RADIO

The college has materially added to the importance of Alaska's amateur radio circles during the past two years.

This year there have been three amateur radio licenses issued to persons on the College campus. Two of these licenses were secured for the purpose of having radio communication in connection with the aurora study and the third operator has carried on successful communication with Anchorage, with a small station in Southeastern Alaska, with an amateur in the Aleutian Islands and with a Royal Mounted Police operator sta-

tioned at the mouth of the Mackenzie River in Canada.

The maximum distance transmitted was about 800 miles. The power used on this transmitter was equivalent to about 5 watts or one tenth the power needed to illuminate an ordinary electric light bulb. The history of the development of amateur radio is exceedingly interesting. The first advancement made was before the World War and at the time of the outbreak there were less than 2000 amateurs in the United States and they had sets that could not "put out" distances greater than fifty miles. These sets were small but their encouraging feature was their low upkeep and operating cost.

With amateur operations stopped during the war but their existing "hams" went to make up the bulk of the enlisted radio operators used by the government.

After the war, in order to reward the "hams" and to keep commercial radio waves clear, the government issued authority to the amateurs to use definite low wave bands. Very little was known about this phase of radio and although the recipients were not satisfied they made the best of the allotment.

The major difficulty was encountered in building transmitters because radio work on these low waves is very sensitive and requires delicate manipulation. But to the surprise of every one, the distances spanned by small sets requiring negligible power was remarkable.

Last year there were over 20,000 amateurs in the United States and they handled over 100,000 toll free messages.

The amateurs in Alaska are rather isolated but are serving the territory in a valuable way. A lone amateur often offers the only means of communication to certain isolated places.

Amateurs are valuable for the weather data they send to Anchorage or Fairbanks to aid aerial transportation in Alaska. —Willie Walton.

Walter: "A man is never older than he feels. Now this morning I feel as fresh as a two-year-old!"
Eddie:—"Horse or egg?"

Seniors Honored At Tenth Annual Junior Promenade

JUNIOR CLASS GIVES DANCE
IN EAGLE HALL IN FAIRBANKS
FOR LARGEST GRADUATING CLASS

The annual Junior Prom was held at the Eagle Hall in Fairbanks on Saturday, April 16th.

At the last minute the Junior dance committee decided to hold the dance in Fairbanks because of the impossible conditions of the dance at the college. The spring tux had left it almost impossible and it was thought best not to attempt to transport all of the dancers out to the College.

The decorations were done in colored streamers and the hall was a veritable rainbow. Punch was served in the ante-room and to the conductor of this beverage went a lot of merited praise.

Favors in the form of bouquets of local roses were given to the patronesses as well as the Junior and Senior ladies.

Balloon stamperds were all set for an evening of merrymaking and the hour of quitting came all too soon for everyone.

The patroness and patronesses were: Dean and Mrs. Ernest N. Patis, Professor and Mrs. F. M. Pettit and Professor Ruth Moody.

THE "KIND WE HAD IN '31"

Steam enters a turbine at the northwest corner at 221° and 32 degrees F. Back pressure is 250 inches of Hg. Number of conductors per slot equals 472. Nozzle angle is 18 degrees. Pole pitch is 60. Governor rods "Fair and Warner". Central angle for a 1 degree curve equals 36 seconds.

1. Find (a) Quantity and (b) Quality.
2. Calculate the brake indicated thermal combined mechanical Rankine efficiency of the Carter coefficient.

ricent, and check by plotting on load saturation against tangent offset.

3. Find the g-distance of the frog if the fine gases leave at 50 degrees F.
4. Calculate the gap density. (Hint: Assume entropy equals 6% X 60.)
5. Reduce this value to standard conditions and calculate all deflection angles for a blade speed of 430 inches per hour, assuming that the loading is 2.5-60 and that the permeable water per square inch is equal to .85 X beams unsupported length.

NOTING OR NOT?

It was visiting day at the insane asylum. One of the inmates imagined himself to be an artist, and he was busily engaged in dabbling at an empty canvas with a dry brush. A visitor, wishing to humor him, asked him what the picture represented.

"Why," said the nut, "is a picture of the Israelites being punned through the Red Sea."

"Where is the sea?"
"Why," thine rolled back to allow the Israelites to pass."

"Where are the Israelites?"
"They've just gone by."

"Then where are their pursuers?"
"Oh, they'll be along in a minute"—Pup.

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MAKE REPORT ON NATION DISTRICT

IS AREA OF SIX HUNDRED
SQUARE MILES FORMING
PART OF YUKON-PORCUPINE
REGION

The United States geological survey, department of the interior, announces the completion of a manuscript on the Tatonduk-Nation district, Alaska, by J. B. Morrison, Jr. This is the first report resulting from field studies conducted during the season of 1930. The complete report will contain a drainage and geologic map of the district, but inasmuch as considerable time will elapse before it can be published, a brief summary of the principal results of the investigation is given in the following abstract.

The Tatonduk-Nation district is a triangular area of about 600 square miles that forms the south end of the Yukon-Porcupine region, of east-central Alaska. The Yukon River, flowing northward along the south side of this district, divides the Yukon-Porcupine region on the north from the Tatum-Tanana region on the south. The Yukon-Tanana region contains the main towns of the country and is earlier than has been completely covered by recent glaciation, topographic and geologic surveys. The Yukon-Porcupine region, on the other hand, is almost uninhabited and has not been surveyed.

The Yukon-Porcupine region, demands attention at the present time for several reasons:

1. It includes some of the best trapping country of Alaska.

2. It is contiguous to important mineral districts and may yield new possibilities of mineral production.

3. It presents diversified geologic and scenic features of great scientific and popular interest.

4. It lies between two navigable rivers, the Yukon and the Porcupine, and is therefore relatively easy of access.

For these reasons this region is being visited more and more every year by trappers, prospectors, tourists, and geologists, and both topographic and geologic maps of the region are much in demand.

The geological survey is primarily interested in the mineral development of Alaska, and this necessarily involves an understanding of the regional geology. The study of the Tatonduk-Nation district has therefore been considered the start of a systematic geologic investigation that will eventually be extended northward to the Porcupine River.

Geologically, as well as geographically, the Yukon River in this part of Alaska forms an important boundary. The south of the river is great granitic batholiths of Mesozoic age, whereas north of the river much intrusive bodies are seen. Moreover, south of the river the pre-Cambrian rocks have been profoundly metamorphosed, but even rocks as young as Devonian have locally been ignored.

South of the river, the rocks are as old as Algonquian, are found practically unaltered. Conditions of metamorphism have also been different. South of the river, the lower part of the geologic section is characterized by pre-Cambrian foliages, red beds, and lavas and tuffs of Ordovician time.

The same general validity is found in the Birch Creek schist, known in this district. The Birch Creek schist exposed are an amphibolite

of sediments and lavas called the Tindir group, which on stratigraphic grounds are regarded as of earlier than Middle Cambrian age. The Tindir group is divided into seven units, as follows:

A. Principally thin-bedded limestone. Top of sequence.

B. Principally siliceous dolomite and shale, with dolomitic conglomerate near the base.

C. Upper red beds, consisting of hematitic dolomite, shale, flint, tuff, and lava, with a red basal conglomerate.

D. Amphibolite and ellipsoidal lavas of gneissitic habit.

E. Thin-bedded dolomite, shale, argillite, and quartzite with a few beds of massive dolomite and quartzite. Also black shales, silt, and flows and a prominent zone of red beds.

F. Massive magnesian limestone and dolomite.

G. An incompletely differentiated group of thin-bedded dolomite and argillaceous rocks, with notable lava flows and red beds. Some of these rocks are believed to overlie Unit F.

Unit A underlies early Middle Cambrian rocks without any recognizable discordance at the structure. Open folding, modified by later fault displacements, characterizes these upper beds. These beds are more intricately folded, but they may be a matter of local variation rather than an indication of greater metamorphism. The total thickness of the Tindir group is estimated to be between 20,000 and 25,000 feet. The Cambrian section is divided into four parts, as follows:

1. Upper Cambrian limestone, which grades upward without any noticeable stratigraphic or lithologic break into Ordovician limestone.

2. An upper plate of Middle Cambrian limestone.

3. A thin formation of slate and quartzite.

4. A lower plate of Middle Cambrian limestone.

The noteworthy fact relating to the stratigraphy of the Cambrian brought out in this study was the recognition of the Middle Cambrian which was proved both by stratigraphy and by fossils. Both the Middle and Upper Cambrian rocks of Tatonduk River lie in an anticline that plunges southeastward to the Yukon River. The Middle Cambrian rocks are believed to have a thickness of 1,300 feet, and the Upper Cambrian limestone about 2,000 feet.

The Ordovician rocks consist of about 1,000 feet of limestone, essentially similar to the underlying Upper Cambrian limestone, overlain by 250 feet or more of grayish shale.

The Silurian rocks have not been well differentiated in the Tatonduk-Nation district, but fossils that were collected show that both Middle and Upper Silurian are present. The Middle Silurian limestone is correlative with the Skagit limestone of northern Alaska and with the Middle Silurian limestone of the White Mountains south of the Yukon.



As a result of studies in this and other parts of Alaska, the Devonian section appears to be composed of four groups of rocks of which three are found in this district. A generalized summary of the sequence is as follows:

1. Upper Devonian, characterized by Spirifer disjunctus and other marine invertebrates. These rocks are found in the Brooks Range, northern Alaska, and on Prince of Wales and Chukotka Islands, southeastern Alaska.

2. High Middle Devonian, siliceous and slate beds in the Tatonduk-Nation district, and Woodchoy volcanics farther down the Yukon.

3. Middle Devonian thin-bedded limestone and shale, found in many parts of Alaska, including the Tatonduk-Nation district.

4. Low Middle Devonian limestone, the Selkirk limestone, whose type area is in the Porcupine River district and which is also recognized in the Tatonduk-Nation district.

Pre-Cambrian metamorphic rocks are present in the Tatonduk-Nation district, and these rocks are the pre-Cambrian lavas and intrusive. These are for the most part normal basaltic rocks ranging in grain size from finely to coarsely crystalline to glassy. Some of the intrusive rocks contain a small percentage of orthoclase and quartz.

Undifferentiated gneissites that form a part of the highly altered rocks south of the Yukon, though much more altered than the pre-Cambrian lavas, are probably of Devonian age.

but at first glance one can hardly appreciate their varied forms and modifications. All of them show careful workmanship. Each groove and curve is perhaps designed for some advantage which an experienced seal-fisher or bird-catcher can fully value. A great deal of skill is necessary to fit a first blade into an ivory harpoon point in such a way that there is no danger of losing as large an animal as the walrus. Nor does the Eskimo take the chance of losing this valuable game through faulty equipment.

The dart heads are carved to fit long, wooden handles. In the case of the harpoon, a hole is provided for a rawhide lash to which the line can be attached.

On display are several dart heads, or throwers, the simplest consisting of a flat piece of wood about a foot and a half long, with a handle at one end and a groove down the center. The groove terminates in a catch. The dart lies along the groove. Its throwing end against the catch, so that by a slight movement of the wrist, the spear can be given the combined leverage of the arm and the dart board. Variations of this instrument have finger holes and bone catches.

Among the small ivory articles may be found a series of carved bones and swans, and a fox. They are shaped on a uniform scale, none but the fox reaching a length of more than an inch. Looking at them hurriedly, one would say that they were crude things, all but the fox have flat bottoms and oval heads. But the fox cannot be mistaken in identity, and the birds have typical heads. It is said that

these curious pieces of ivory are used in a game similar to "jacks", in which the count is determined by the number and kinds that sit upright when they fall. When the game is over the figures are strung on a sealskin thong.

Since the same type of four-sided piece is employed almost universally among the Eskimos, it seems probable that the forms may have some special significance to the owners. Animals are considered symbolical among all the Alaskan tribes.

It would be difficult to exhaust the possibilities of the museum for displaying pieces of interest in Eskimo life, for the fact remains that our knowledge of these people confines itself to outward semblances, in spite of our willingness to understand those causes which combine the sternest of reality with the dance to the aurora—L. O.

BURROUGHS AT STANFORD

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Among the small ivory articles may be found a series of carved bones and swans, and a fox. They are shaped on a uniform scale, none but the fox reaching a length of more than an inch. Looking at them hurriedly, one would say that they were crude things, all but the fox have flat bottoms and oval heads. But the fox cannot be mistaken in identity, and the birds have typical heads. It is said that

these curious pieces of ivory are used in a game similar to "jacks", in which the count is determined by the number and kinds that sit upright when they fall. When the game is over the figures are strung on a sealskin thong.

Since the same type of four-sided piece is employed almost universally among the Eskimos, it seems probable that the forms may have some special significance to the owners. Animals are considered symbolical among all the Alaskan tribes.

It would be difficult to exhaust the possibilities of the museum for displaying pieces of interest in Eskimo life, for the fact remains that our knowledge of these people confines itself to outward semblances, in spite of our willingness to understand those causes which combine the sternest of reality with the dance to the aurora—L. O.

BURROUGHS AT STANFORD

Burton B. Burroughs, instructor in Agriculture, and on leave of absence since March 24, is now enrolled at Stanford University where he is taking postgraduate work in history, bacteriology, genetics and entomology. After the close of the spring quarter Mr. Burroughs plans to go to Oregon State Agricultural College for the summer sessions.

GIVE A KODAK FOR ALL-YEAR PLEASURE

Next year, and in years that follow, joy without end will come from this season's gift of a Kodak. We have a large assortment at strictly cash prices.

Let us see your Kodak finishing on VELOX paper.

CANN STUDIO INC.

But sandwiched between these prominent articles are countless little bone, wood, and stone objects which, if we were only to consider them, would undoubtedly give an interesting insight into the lives of the Eskimo and the Indian.

The numerous dart heads and harpoon heads have obvious uses,

but at first glance one can hardly appreciate their varied forms and modifications. All of them show careful workmanship. Each groove and curve is perhaps designed for some advantage which an experienced seal-fisher or bird-catcher can fully value. A great deal of skill is necessary to fit a first blade into an ivory harpoon point in such a way that there is no danger of losing as large an animal as the walrus. Nor does the Eskimo take the chance of losing this valuable game through faulty equipment.

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The dart heads are carved

Geological Report On Eastern Part Of McKinley Park

GEOLOGICAL SURVEY SUM-
MARIZES REPORT TO BE
PUBLISHED LATER - WRIT-
TEN BY JAMES HILL

The United States geological survey, department of the interior, announces the completion of a report on the Fairbanks district by James M. Hill. This is one of the reports resulting from the special study of mineral resources in the area tributary to the Alaska Railroad that was carried on during the field season of 1931. The report, when published will be accompanied by a geologic and topographic map of the Fairbanks district. It is special emphasis is given to the local deposits of gold, and their economic features are discussed in detail. Data are given on the general geology and its relation to the occurrence of minerals throughout the district, and the geographic features that have an influence on the cost of mining and development of the deposits are described. Inasmuch as considerable time will elapse before the report can be printed and distributed, the Geological Survey presents a brief summary of the results of economic importance that are expressed in it.

The Fairbanks district is underlain by pre-Cambrian metamorphic schists of sedimentary origin having a considerable range in composition and known as the Birch Creek schists. The schists are overlain by extensive deposits of gold-bearing gravel and mud in the valleys, and natural exposures on the hillsides and even on the summits are extremely rare because of the heavy cover of moss and bushes. The cleavage of the schists has a general well-defined structural trend, which in the eastern part of the district, or Pedro Dome area, is about east, with dips of 15 degrees to 45 degrees both north and south. In the western part of the area, in the vicinity of Ester Dome, the district is slightly east of north, and this has influenced both intrusion and mineralization in that area.

The schists have been intruded by igneous rocks of several types of which the earliest is a fine-grained quartz diorite which is well exposed on Pedro Dome. The diorite was followed by a coarse-grained biotite granite porphyry, and this by finer-grained quartz porphyry, which in some dikes is represented by spilitic rock. There are two principal trends of these intrusive rocks in the district, and they occur as elongated nearly parallel bodies following the general structural trend, one north and one south of the Goldstream drainage area, northeast of Fairbanks. There are probably a large number of small effusives, or dikes from these large masses, but the deep surface cover has obscured most of these outcrops and only a few of them have been traced and mapped. There is relatively little igneous rock in the more highly developed mineralized area on the southeast side of Ester Dome, but there are a few small outcrops of these rocks, and they show that the dikes follow the northward-trending structure.

In the Fairbanks district the principal mineral deposits of economic interest, aside from the extensive gold placers, are the gold quartz veins, from a few inches to 15 feet wide. Many of these veins carry from 1% to 2 per cent of sulphides and free gold. The principal sulphides are arsenopyrite and stibnite, but galena, jasperite, and sphalerite, and kyanite have been recognized. The gold accompanied the sulphides in large part was deposited in a third stage of reopening of the veins. Adequate evidence is available to show that the gold is largely primary and that the tenor of ore probably will not change with depth to any appreciable amount. The gold is largely free, so that much of it may

be recovered from the ore by simple metallurgical treatment. The economic conditions, though presenting some difficulties, are much superior to those in many other mining camps in northern latitudes, for transportation is available throughout the year, and the climate is not too severe.

In 1931, when the camp was studied by Mr. Hill, there were nearly 100 gold lode properties all of which sufficient work had been done to allow some measure of examination of these there were about 40 of which prospecting and drilling work was under way and 19 that were producing. The most underground development work has been done at the Birch Creek and Little Eva and Mohawk mines, on Ester Dome, and at the Soob, Newberry, Cleary Hill, Henry Ford, Tolovana, Wynton, and Hill-Veys properties, in the Pedro Dome area. The deepest working in the district had reached 350 feet below the surface, and in 1931 no workings below 250 feet were open for inspection.

The Fairbanks district has produced nearly \$80,000,000 from placer deposits since the year 1900. It is estimated that dredges or other mechanical devices, reworking the same streams and rivers, which have been worked by hand methods, may produce an even greater amount during the next 25 years. It is believed that the gold of a deposit which produced nearly \$2,000,000 from 1910 to 1920, can produce in the next 25 years, under adequate financial support and skilled technical and administrative direction, an amount of gold that will compare favorably with that so far yielded by the placer deposits.

Deposits of stibnite (sulphide of antimony) also occur in the Fairbanks district and were worked in the past, when high prices for antimony prevailed, and it is by no means unlikely that they may be mined again if prices reach a sufficient level. The stibnite ore occur in the gold lodes but usually as minor segregations. In a few places stibnite was deposited in these lodes to the practical exclusion of the other sulphides and gold.

The tungsten deposits of the district were mined only during the stimulus of a very high price during the World war, and resumption of mining them in the near future is not regarded as likely, in large part because of their small size and low tenor, but in part because of their great distance from markets. These deposits are quartzite, which have either replaced small lenticular bodies of limestone or occur as contact-metamorphic deposits in the vicinity of active intrusive rocks. They may therefore be sought in widely separated tracts, but they are likely to be irregular and sparse.

REPORT ON RECENT DONATIONS TO EHLSON MEMORIAL FUND

Bernard, Albert, Chantanka \$ 5.00
Dunn, O. P. Pika \$ 5.00
Farmer, W. E. Hot Springs \$ 5.00
A Friend, Seattle \$ 5.00
Geis, Norman P. Riverside \$ 5.00
Comm. \$ 5.00
Hoffman, G. W. Napaume \$ 5.00
Hunt, T. M. Pika \$ 5.00
Jacobs, Alta M. Napaume \$ 5.00
Jones, Robert A. Pika \$ 5.00
Lowe, L. E. Hot Springs \$ 5.00

Langley, Jess, Solicitor: \$ 1.00
Blom, Peter, Central \$ 1.00
Cunningham, John Pika \$ 1.00
Deleone, F. E. Central \$ 1.00
Ericksen, A. Y. R. Central \$ 1.00
Ericksen, August Miller House \$ 1.00
Ericksen, N. W. Central \$ 1.00
Langlow, Jean, Central \$ 1.00
Larsen, Einar, Central \$ 1.00
Larsen, Oscar, Central \$ 1.00
Lund, Louis, Central \$ 1.00
Lunde, Thos. Central \$ 1.00
Meyer, Otto C. Central \$ 1.00
Horskins, Sam, Central \$ 1.00
McCluskey, J. W. College \$ 1.00
McDonald, Dan, Fairbanks \$ 1.00
McKenna, Mrs. R. J. Pika \$ 1.00
Soderstrom, Gunn, Melhorn \$ 1.00
Stieberg, K. L., Solicitor \$ 1.00
Blake, R. H., Craig \$ 1.00

Drus, Karl J. Craig \$ 2.00
Gardner, William, Craig \$ 1.00
John, Peter, Craig \$ 1.00
Malson, Albert, Craig \$ 1.00
Kist, William J. Craig \$ 1.00
Skulka, Benson, Craig \$ 1.00
Sullivan, J. H. College \$ 3.00
Gruegnich, H. M. Pika \$ 2.00
\$197.50
Total donations to date \$10,622.50

1492 is a famous DATEY and most EVERYONE knows WHAT happened IN that year. ALSO there was an BUT, we venture TO ask the COLLEGEIAN who PAID for the COLLEGEIAN IN GOLD DUST IF HE has ever HEARD of the FAMOUS figures 16 to 1.

IT is surprising HOW locally AFFRONTED vocations DATEY and most EVERYONE knows WHAT happened IN that year. ALSO there was an BUT, we venture TO ask the COLLEGEIAN who PAID for the COLLEGEIAN IN GOLD DUST IF HE has ever HEARD of the FAMOUS figures 16 to 1.

AND again - EVERYONE has BEEN on his GUARD for fear OF LOWLY CRIMINALS. SKIN now is LOFT for something TO do in this DATEY and most EVERYONE knows WHAT happened IN that year. ALSO there was an BUT, we venture TO ask the COLLEGEIAN who PAID for the COLLEGEIAN IN GOLD DUST IF HE has ever HEARD of the FAMOUS figures 16 to 1.

THE reindeer hide PROPOSITION will BRING fame to the DIS-TOURBANCE AND DISREPUTABLES. WE are all pretty SAFE until they TURN to VISIVATION AND then GOOD NIGHT!

1st Ood: Gen but that date last night was fresh.
2nd Ood: Why didn't you slap his face?
3rd Ood: I did; and take my advice, never slap a guy when he's chewing smoke.

Advertise in the Collegian.

1930
WHITE RED BLUE
FOX PUPS
FOR SALE
Hyperborean Ranch
ARCTIC ALASKA FUR
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MAJESTIC
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"Monarch of the Air"

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FAIRBANKS

PALFY SHEET
METAL WORKS

HEATING PLANTS, PLUMBING, RANGES, FURNACES, SHEET METAL WORKS

Fairbanks, Alaska

A VISIT TO THE HOUSE

—Continued from page 3—
Vermont he passes through one of the loveliest valleys. Fowal and Lewis Center are located in it. I and I have spent several all night long days there. This was the first time since I had been in the islands that I had been reminded of the best New England weather, and I thought of the heat of Fairbanks, and the summer of Honolulu climate, and made a mental vow to be sure to go back to Fowal again, very soon. The climate reminded me of late September in Massachusetts and the first football games of the year, games that are not played under the glare of flood lights or under the glare of semi-tropical skies. It reminded me, too, of the first days of October in New Jersey, of the Hudson when the leaves are turning, of the frost that then bites the Catalpa, and of the Palisades standing out grim and bare along the New Jersey side of the Hudson River. I put thoughts of home aside and went to sleep thinking of the warm sands of Waikiki.

Below Olinde, it was clear and warm, but above and around Olinde the day was cold. Great clouds and bursts of rain were blown down the mountain, making me feel that the crater would be filled with clouds and my trip would be in vain. In trying to follow the meager directions of the cross-eyed

Japanese woman who lived in a hut on the outskirts of Olinde, I took a wrong turn at the first of the three gates that I had to go through, but much to my joy she sent her man after me; so after I had half hour in the wrong direction I left Olinde at nine-thirty and I found that the first half of the trip was over miles of steadily ascending grassy pasture land of the Haleakala Ranch Company. The grass was slippery when wet, and to get to the differentials the wind was blowing and rain was beating into my face so hard that breathing was difficult. Very little while I turned my back to the elements and looked back on the new summit behind me. In a very short time I was soaking wet and very cold. In this big grassy area there were several rifts in the grass and what were quite long and deep. These showed rift in strata formation and in the bottom of the cuts were water-worn volcanic boulders. Some ferns and small trees were growing in these sheltered places. The last big trees are at Olinde where there is a small grove of Hawaiian mahoe, or Koa, and false iron wood. Here I saw the familiar Myra bird and a golden plover, the bird that makes the long over-water migration from the shores of Alaska. Why the bird was far up on the side of the mountain is beyond me. Maybe he liked the cool atmosphere. I saw a few more species of small

sparrow-like wrens with faint red-brown feathers. These have been introduced by the local bird society. A bit further up the animal life consisted of white-faced sparrows that looked tame and at me and then away with their tails flying. Skylarks were fairly numerous, and I flushed several Chinese pheasants that went up with their accustomed roar and flutter of wings. As it was hard to make their way I kept my neck contracted, head down, and leaned into the wind, slowly making myself forward and upward. When I reached a six thousand feet I thought the life was almost over, but the worst was yet to come. The walking now was over loose pieces of lava that rolled under my feet at every step. This section was under the glow of the hot sun and was old and dry, but I was hampered by a very obnoxious weed, worse, belonging to the pea family. It grows water high and is covered with very sharp thorns. There were also a few Hawaiian raspberry bushes to add to the thorns of the pea. A few more pheasants, some large pale and black or wearing apes and a few traces of goats made up the zoological interest. The small pebbles and dust carried by the wind formed a very effective stinging apparatus.

(Continued Next Month)

What a wonderful time the professors must have in comparing their "suspense" notes.

HEALY RIVER COAL CORPORATION
MINERS AND DISTRIBUTORS OF SUNTRANA COAL
WE SUPPLY ALL POINTS ON OR NEAR THE ALASKA
RAILROAD WITH DEPENDABLE FUEL AT
REASONABLE PRICES

WAECHTER BROTHERS
Company
Fairbanks, Alaska
WHOLESALE AND RETAIL MEATS AND POULTRY
DEALERS IN LIVE AND DRESSED REINDEER
403 Melhorn Building, Seattle, Wash.

TRY THE
MODEL CAFE
for
Delicious Food Well Served
"Meet Your College Friends Here"

For Reliability in Air Transportation
ALASKAN AIRWAYS, Inc.
(Founded by Carl Ben Eielson)
DIVISION OF AMERICAN AIRWAYS
—Operating in Alaska, Western Canada and Eastern Siberia
Carl Ben Eielson, President and General Manager
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Bases at Anchorage, Fairbanks, Nome

"QUALITY" N.C.C.O. "SERVICE"

WHOLESALE AND RETAIL DEALERS IN
Staple and Fancy Groceries, Hay, Grain and Feed, General Hardware, Paints, Oils and Glass, Boots and Shoes, Crockery and Glassware, Furniture, Carpets, Rugs and Linoleum, Drapery, Wall Paper, Building Material, Clothing, Kitchen Utensils, "Ball Band" Rubber Goods — Edmonds Foot Fitter Shoes, Muslin, wear — Chippewa Shoes

Northern Commercial Co.

MISS HELEN LINCK IS ELECT
ED QUEEN OF MAY—COLOR
FIL CEREMONY

made a ceremony that was colorful and imposing.

Upon hearing my reply he said, "That's no good, it isn't strong enough. Come with me I'll show you how to fish."

He picked up a club which was

"John," I remarked, after thinking awhile, "It's remarkable how these fish have adapted themselves to circumstances."

2. "Investments. Not only must outside capital be solicited for developing this division, but the working man must be induced to be

"Every year the number of miles of roads is steadily increasing and those roads already established are being maintained.

SUNDAY
6:45 10:45
WEDNESDAY & FRIDAY
7:15 10:45
SATURDAY
8:45 9:30 10:45 12:45 2:00

when his aged mother had worked her fingers to the bone in order to feed eleven hungry mouths. His voice quivered as he told of the time when he walked six miles in a raging blizzard in order to attend the little red school house that nestled in the primeval forest. Here he had stood in muck and slush driving points in order to pay his board bills and buy drawing instruments so that he might some day achieve his lifelong ambition to be an engineer. How he had scrimped and saved so that he might graduate from the high school and come to the Alaska College so that he might attain the dizzy pinnacle of success!

GARDEN ISLAND

249 Central Bldg.,
Jun

MACHINERY AND MINING
GARAGE IN CONNECTION

u, Alaska

ALASKA

Activities of Students as Shown by Years Point Book

FRED KUBON IS HIGH POINT MAN FOR THE YEAR—TWENTY WILL GET MAJOR A'S

Most of our boys took part in some form of sport during the winter. Any form of athletic endeavor was given credit and as a result the students could hardly miss making some points.

Making the College A requires participation in three sports. The fact is quite a demand for the average student and many of our boys could not find the time to take part in the sports at hand. Toward the end of the athletic manager began to count the points quite a few boys were wishing that more sports were available in a hurry.

Our highest point scorer will probably be Fred Kubon who will have around 1800 when the season ends. A thousand points is all that is necessary to make a letter with a fellow like Fred, full of energy and spirit, the points can't keep up with him. The fact that he is a good basketball player and the fact that he gives Fred the advantage over his mates on the basketball team.

Another high man is Tom Eklund who somehow or other managed to get mixed up in about every sport that came along. Shooting club, track, and even so he managed to get out with the other fellows for the daily exercise. He aspired toward wrestling early in his sophomore year after winning a certain match and had but he took up the sport seriously. He is really a veteran of athletics around the school and nothing will stop him till he breaks a leg or his neck.

Roland Rodriguez is another of our active athletes, being a member of the basketball team for four years and interested in about every sport we have. His activity has been retarded for the past three years due to the fact that his work interfered with his training during the day and early evening when "tutting the ball", but for all that he is as good with any of the boys.

The book shows that one of our boys has made over 900 points by skiing and walking. He is Ivar Skandstad, a real Norwegian, and a very capable person. He is noted for his skiing and this past winter has covered many miles in all kinds of weather. He is an authority on track athletics and could qualify as a coach.

Another of our students, one who lives in town, has made a practice to travel under his own power and throughout this past year has run to school in the morning and run home again at night. He is Edvard Swenson, known to his friends as the true chemist. He has traveled over 800 miles just going between the college and Fairbanks and on the point book should almost deserve a letter for running. Even though the thermometer registered 30 to 40 below each morning would find him even trotting out to the College.

We all know Polet and something should come of all this noise and energy. He is ambitious and a lot of pep and but for the fact that his eyes are bad he would be top notch in athletics. He aspires toward all kinds of athletics but tumbling and wrestling are his best bets. He acted as our tumbling coach and succeeded in developing a girl's team. The school will miss Al and he in turn will miss the college life but you can depend that wherever he is there will be plenty of life and action.

Most of the basketball players played in enough games to net them a good many points and with other sports coming into view they should have no trouble in earning their letters. More students turned out for athletics this past year than ever before and let us hope that the interest in athletics will continue to increase.

The point system is a good way

of creating interest in those who would otherwise consider it impossible to earn an A and who would perhaps not participate in any kind of sport.

About twenty of our students will earn the College A this year. It would be wrong to mention everything about athletics and not mention the new gymnasium. It is this spacious gym that invites so many players and the students should not over look the fact that there are people on the campus who should be given as much credit for the increased interest in athletics as the point system is given credit.

College Sends Mineral Exhibit To Nome Fair

Nome is probably the only community that holds a Fair during the month of March. Nome has no agricultural products to lend the harvest festival spirit which forms the motif for most fairs, so the community has broken precedent by holding its Fair during a month when the ice of Bering Sea still clings to the Nome beach line and the ground is still matted with snow. Probably no other Fair has such unique exhibits—Bakine ebbled ivory, Indian baskets—and for the grand finale a dog race rather than a horse race—rarely the spirit and idea of the old fashion county fair adapted to a tundra country of sub-arctic climate.

This year in response to request from the Nome Fair Association the College forwarded a small mineral collection to Nome by air transportation. The exigencies of air transportation necessarily limited this to a small suite of minerals. Rather than spectacular crystals or showy fossil specimens the College selected a group of economic minerals which might possibly occur in the Nome or adjacent districts and yet be overlooked by prospectors who generally search only for gold.

Through the courtesy of the Alaska Airways and the Northern Air Transportation Company this exhibit was handled between Fairbanks and Nome without charge—another indication of the cooperative spirit of those who live in distant places.

Breedman: "What are shoes made from?"

Shoemaker: "Hide."

Breedman: "Why should I hide?"

Shoemaker: "Hide! Hide! The cow's outside."

Breedman: "Let the cow come in; I'm not afraid."

A GRADUATE GIFT FOR HIM THAT IS SURE TO PLEASE



Becoming blends of shirt, tie, hose and Kerchief from Wilson Brothers cost the same as if you bought the articles individually. Actually, you save money, because wasteful odds and ends are eliminated. You'll see some splendid harmony ideas in our spring selection.

MARTIN A. PINSKA

Successor to Sargent & Pinkard
FRONT STREET—FAIRBANKS, ALASKA

Ten Day Summer Camp To Be Held For Homemakers

COURSE TO BE OFFERED FROM JUNE 10 TO 22—THOSE ATTENDING MAY SECURE ROOM AND BOARD AT COLLEGE

From June 10 to 22, the Extension Service will conduct a summer camp at the College for homemakers who desire an inexpensive vacation. Women attending may reside at the dormitory and obtain their meals and room there at the rate of \$30.00 for the ten days. Those who wish to live in Fairbanks may make their own arrangements for board and room and provide their own transportation to the College.

The purpose of the camp is recreational as well as educational, hence attendance at classes and lectures is entirely optional and each woman may adjust her daily schedule to her own particular interests.

Subjects Offered and Daily Schedule

From 8:30 to 11 o'clock the sewing and weaving laboratories of the College will be available with Mrs. Lydia Pohn-Hansen, Assistant Director of Home Economics of the Extension Service, in charge to assist and give instruction to those who wish to sew or weave. There are five looms available and an assortment of yarns for all types of weaving. These materials are sold at cost. Scarfs and bags cost approximately one dollar to make; baby blankets and large shawls from two to five dollars, while rag carpets and cotton rugs cost from five cents to \$2.00. Those wishing to make garments should bring their own materials. Clothing to be remodeled or made over should be pressed, cleaned, and pressed beforehand if possible.

Hot foods are available for breakfast, lunch and dinner. Bring your old hats and make them over. On all o'clock days there will be an special lecture or demonstration on the various members of the faculty or extension staff.

From 12:00 to 1:30 will be allowed for a lunch and rest period.

From 1:00 to 4:00 the laboratories will again be open for those who wish to work. The library will be open every afternoon and even open except on Saturday and Sunday.

Special features will be: Monday at 8:30—Registration. Monday, 4:00 to 5:00—"Get-acquainted" tea.

Wednesday, 4:00 to 5:00—A visit

to the College Farm, Professor G. W. Casser in charge.

Thursday, 4:00 to 5:00—A visit to the museum and its relics explained by Dr. Charles E. Bunnell.

Saturday afternoon—lightweight trip to the dredges. Sunday—"Out to Church".

What Is Being Done? Those staying at the dormitory must provide their own bedding—a pillow, pillow case, sheets, and one wooden blanket or light comforter and towels.

If you expect to take part in picnics or outings, provide yourself with head net and hiking clothes.

What'll We Eat? Board and room at the College will cost \$30 for the ten days and no refund for meals missed.

A registration fee of \$1 will be charged.

Railroad rates: The special rate applying to regular and short course students will make it possible to secure a round trip for the cost of one fare, but will not be extended beyond June 23.

To plan the work it will be necessary to know as early as possible the number of persons who wish to attend camp. Send your application to the Extension Service, College, Alaska.

College: Have you an opening for a bright young man? Manager: Yes, but don't slam it in the way out.

GOLD STANDARD

Robert Post Office,

April 17, 1932.

Business Manager, Farthest North Collegian, College, Alaska.

Dear Sir:

As we have no money order post office here and currency cannot be had at any price, we stay on the gold standard, so enclosed please find the sum of four dollars in gold dust for a four years subscription to the Collegian.

Yours truly,

LEWIS LLOYD.

Evidently economic problems are easily solved over in Alaska. I wonder where Mr. Lloyd lives. If the rest of the world would take

notice and pay in GOLD there would be less confusion over debt and credit.

The four dollars in dust arrived neatly wrapped in a container showing that the sender was familiar with "gold currency."

The contribution was greatly appreciated and it was quite fitting that the only college paper in Alaska should receive payment in the precious metal that lured so many hardy adventurers to our territory.

Visitor: When do you do your

handed work?

Friend: "Before breakfast."

Visitor: "What do you say?"

Friend: "TRY to get out of bed."



HOTEL HARRINGTON

Eleventh and E

Sts. N. W.

WASHINGTON, D. C.

European Plan

Fireproof

Centrally Located

Moderate Rates

THE EMPRESS CIRCUIT OF ALASKA

CAPT. A. E. LATHROP

ANCHORAGE — CORDOVA — FAIRBANKS

WESTERN ELECTRIC SOUND PICTURES

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CHARLES PETERSON, Prop.

BOILER WORK, HEAVY MACHINE AND BLACKSMITH WORK

You Are Sure of Satisfaction When Your Work Is Done By Expert Mechanics

ACETYLENE WELDING AND AUTO REPAIRING

REINDEER MORE VALUABLE THAN ALASKA'S GOLD

THE DEVELOPMENT OF THE REINDEER INDUSTRY IN ALASKA IS A NORTHERN ROMANCE.

ALASKA HAS CONTRIBUTED 350,000 SQUARE MILES TO THE NATIONAL GRAZING LANDS.

THERE ARE NOW 1,000,000 REINDEER IN ALASKA.

THE VALUE OF THE ALASKA REINDEER INDUSTRY TODAY IS TWICE THE AMOUNT PAID FOR "SEWARD'S ICE CHEST."

The ALASKA COLLOID, to play its part in the development of Alaska, is cooperating with the United States Biological Survey in reindeer breeding experiments and animal husbandry projects. Twenty-five reindeer and woodland caribou are now held for cross-breeding, feeding, etc. Twelve hundred acres of pasture land adjacent to the campus have been fenced for this project.

LOMEN REINDEER CORPORATION

Seattle, Wash.

Nome, Alaska

New York, N.Y.