# The M.A.C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

LANSING, MICHIGAN, TUESDAY, JANUARY 7, 1908.

### AGRICULTURE IN ALASKA.

VOL. 13.

Interesting letter by Prof. C. C. Georgeson formerly student at M. A. C.

Through the kindness of Dr. Beal we are able to print, this week, an interesting letter from Alaska which shows some interesting facts concerning the agricultural possibilities of that region:

SITKA, ALASKA, Nov. 17, 1907. Doctor W. J. BEAL, Agricultural College, Mich.

Dear Dr. Beal-A note from you in a recent number of the M. A. C. RECORD inspires a desire to salute you. It awakens a train of thought which carries me back to the days when I had the privilege of sitting under your instruction in old College Hall, 3d floor, southeast corner, where you for a time met your classes. I treasure the memory of those days when you were my teacher, with pleasure and affection. There never were more devoted and sympathetic teachers than Abbot, Kedzie, Beal, Fairchild and Cook. Each impressed his personality on his students in an effective way, and I am sure that each had an influence for good on all the boys who sat under them. In those days when the institution was young and struggling, the faculty was necessarily more of a unit, and each man in it had a greater personal influence on the student body than can be possible now with the greatly enlarged and diversified interests of

the institution. The task of ascertaining what Alaska is good for agriculturally has been assigned to me. It has been an up-hill charge, mainly a battle with nature; but as the work advances it gains in interest. We are making progress. The possibilities are vastly greater than one dared to hope a few years ago. At my northernmost station, that at Rampart in the Yukon Valley, in latitude 65° 40', grain has matured every year since we began work there. Owing to local conditions we have not met with the same success in all places; but we are learning what to grow and how to grow it. One of the problems is to breed hardy early-maturing varieties, and and in this we are making progress. We have now a total of six experiment stations, each located in a region with conditions peculiar to itself. The immense territory (more than ten times the area of Michigan) gives great variation in local conditions. Two of the stations were established this year, one a live stock station on Kodiak Island, where I have begun the acclimatization and breeding of Galloway cattle with certain lines of experiements in view; the other is a farming station near the center of Tanana Valley, where we have a reservation of 1400 acres. I mean to farm on a fairly large scale there. We have matured barley and oats in many varieties at all the stations. Winter wheat and rye can be grown wherever the snowfall is three feet deep for winter protection. Any quantity of feed for live stock can be grown every-

where, and in places it commands good prices. Last year I sold grain hay at our Copper Valley station for two hundred dollars per ton.

I distribute garden seed to all parts of the territory with a view to have it tested, and it is proved that hardy vegetables can be grown clear to the Arctic Circle, and even beyond. I have also distributed hardy fruit trees and fruit bushes to hundreds of places to have them tested. It is doubtful if tree fruits will succeed, but strawberries, raspberries, currants, and gooseberries can be grown very successfully. I have some interesting experiments under way in the cross-fertilization of native species with cultivated berry fruits. We are testing cultivated grasses and forage plants at the various stations. Alaska has a number of species of native grasses and legumes that would interest you. The most common forage grass is Calamagrostis langsdorfii, which often grows to a height of six feet. In the coast region we have large areas of grass land, especially west of Cook Inlet. Here the winters are comparatively mild, the snowfall light, and cattle can run out all winter if hardy by nature; that was my reason for choosing the Galloways. We have made good butter and cheese for two years past at one of the stations, the one at Kenai, on Kenai peninsula, from cattle fed exclusively on native grown forage. There is not the slightest doubt that dairying and beef production can be made a great success in the western half of the coast region.

As a side issue, but of course, of direct interest to our agricultural investigations, I have also had charge of the meteorological observation in the territory. Outside our own stations we depend on voluntary observers, but valuable data from a large number of places have been collected.

We are handicapped with small appropriations, and the great expense of labor. At some of the interior stations we have to pay as high as \$7.50 per day for common labor, which compels me to figure very closely to make both ends meet. But the work is fascinating; it is new and in a sense original; the interests are many and varied; there is much to look after. We have many discouragements, but they only give zest to the battle. One great comfort is that the department gives me a very free hand within the limits of the appropriation. I have several of my Kansas boys with me. They make excellent superintendents. Alaska has large producing capacity. I estimate that at least one sixth of the territory, or in round numbers 100,000 square miles, is available for farming and grazing.

"How shall I win success in life?" the young man asked; whereat

"Have push," replied the button, "and purr-puss," said the cat.

"Find out the work your sooted for," the chimney sweeper said.

Just as the Match and Pin remarked, "And never lose your head."-Ex.

#### FORESTRY NOTES.

A novel penalty was imposed by Mr. Montagu Sharpe, the Brentford magistrate, on a schoolboy who had damaged a tree belonging to the Ealing Corporation. He ordered the boy to provide another tree and to plant it himself. "If the children of this country were brought up like those in Germany and Switzerland and taught to plant trees in the public highway," Mr. Sharpe remarked, "there would be less of this wanton destruction."— London, (England) Evening Standard.

The almost world-wide movement to protect and establish forests has even reached China, and the first Chinese school of forestry will shortly be opened in Mukden, according to a recent report by the American consul-general at Tientsin.

The Chinese empire is sometimes pointed out as the worst example, among modern nations, of forest destruction. The floods which are periodically poured down upon the denuded mcuntains are destructive beyond comparison with those of any other country and the want of forests is assigned as the chief cause. Wood is scarcer in China than in almost any other inhabited region of the world, although the country is well adapted to the growng of trees. In establishing a forest school the Chinese government gives evidence that it realizes the need of beginning its reforestation in a scientific manner.

The lowest estimate reached by the Forest Service of the timber now standing in the United States is 1,400 billion feet, board measure; the height 2,0 o billion. The present annual consumption is approximately 100 billion feet, while the annual growth is but a third of the consumption or from 20 to 40 billion feet. If we accept the larger estimate of standing timber, 2,000 billion feet, and the larger estimate of the annual growth, 40 billion feet and apply the present rate of consumption the results show a probable duration of our supplies of timber of not more than thirty-three years.

Report of the Pennsylvania Department of Forestry for 1905 and 1906, which is just out shows that at the close of the year 1906 the state actually owned 701,297 acres of forest reserves located in 23 counties. In addition there is under contract for purchase an area of about 100,000 acres.

#### ANNOUNCEMENT.

The Woman's Society of the People's church of East Lansing wish to announce to the public that they are prepared to do plain sewing of all kinds at reasonable rates. Ladies desiring work done may leave orders with any member of the sewing committee.

MRS. BERT L. ROSECRANS, MRS. CHACE NEWMAN,

MRS. CLAUDE ALDRICH,

Committee.

# ALUMNI.

No. 15

#### °01.

V. M. Shoesmith, '01, and wife (Elsie Morrison, sp. '00, '01), spent the holidays with their parents in Michigan. Mr. Shoesmith has recently been elected to the position of Associate Professor of Agronomy at the University of Ohio. He began his duties Jan. 1.

#### Sp. '02-'03.

Miss Helena Anna Lawrence, special student during the above years, was married Dec. 25 to Mr. William Prakken at Hudson, Mich. Mr. and Mrs. Prakken are at home to their friends at 1149 at E. Portage Ave., Sault Ste. Marie, Mich.

#### '03.

C. F. Brunger, of Newberry, made the College a call last week. Mr. Brunger is foreman of the U. P. insane asylum farm at that place.

Ray Tower has accepted a position at Lucoston, N. J., with the color. firm of John Lucas & Co. Mr. Tower was formerly chemist for the Patton Paint Co., of Milwaukee, and assisted in the chemical department here during part of last term.

#### '05.

Miss Kate M. Coad of the above class, called on college friends last week. Miss Coad is teaching domestic science and domestic art in the public schools at Saginaw.

#### '06.

J. E. Fisk is now located at Indiana Harbor, Indiana. His address is 3436 Fir street.

#### '07.

W. P. Piper spent the Christmas vacation with his parents in East Lansing. Mr. Piper is now instructor in civil engineering at Cornell.

## '04.

A. B. Rodgers, in renewing his subscription to the RECORD wishes all its readers a Happy New Year. Mr. Rodgers is in the B. I. civil service at Sioux City, Iowa. Speaking of his work he says: "There is an almost unlimited field for observation and research work in the pathology of those diseases common and uncommon to our meat producing domestic animals. My post mortem work during the summer and autumn at Chicago, Kansas City and Sioux City has given me an opportunity to see and handle the tens of thousands of diseased conditions to which these animals are subject."

L. F. Bird, of the above class and assistant in animal husbandry during the year '04-'05, called on College friends last week. Mr. Bird is farming at Millington, Mich.

Mr. A. R. Carter of the above class, sends us a cut of a new concrete bridge which he has just erected at Rockford, Ill. Mr. Carter is with Mr. C. C. Stowell, contractor of that place. His address is 202 Kishmonkee street.

# THE M. A. C. RECORD.

PUBLISHED EVERY TUESDAY DURING THE COLLEGE YEAR BY THE MICHIGAN STATE AGRICULTURAL COLLEGE

W. J. WRIGHT, '04, MANAGING EDITOR ASSOCIATE EDITORS. E. B. REID, sp. R. Z. HOPKINS, '10 R. P. HOLDSWORTH, '10 W. D. FRAZER, '09 B. YORKER, '10 GRACE PERRY, sp. MILDRED FERGUSON, '10 LETTA HYDE, '08 R. V. TANNER, '09 F, P. FELT, '11 ATHLETIC REPORTER E. C. KREHL

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Mich.

TUESDAY, JAN. 7, 1908.

T is rumored that the fraternities at Wisconsin State University will be abolished by the State Legislature at its next session. Only those of honorary character will be recognized. The feeling towards college fraternities and especially high school fraternities in Michigan and many other states is none too friendly. Happily M. A. C. will not be affected by any change in policy toward these institutions for it learned long ago that the literary societies as they are here organized fill all social needs and at the same time are free from many of the objectional features of a college fraterity. The two national fraternities at M. A. C. are honorary only.

INDUSTRIAL Education," says a prominent writer on economic questions, "is solving for us one of our most important industrial problems. In developing the subject the writer goes on to state that our present prosperity is not due to skill in handicraft, but to our abundant resources and organizing ability. As time goes on our natural resources will be diminished, and other nations will have adopted our schemes of organization so that to be on a competitive basis there must be developed fineness of workmanship to which other countries, notably Germany, have attained. This attainment can only be reached by developing the mind and band alike. The old apprentice system served to develop the hand alone, and was content with producing workmen as good only as the preceding generation. Industrial education is the creation of skill and interest in the work being performed along with a cultivated mind, which puts into the work that desire for efficiency which does not admit of satisfaction until something better has been produced. This is the form of education which is fitting us to adapt ourselves to a new era in our commercial relations. Care must be taken, however, not to educate the brain at the expense of the hand, but to educate both to their mutual advantage.

"It hain't no use to grumble and complain;

It's jest as cheap and easy to rejoice, When God sorts out the weather and sends rain,

W'y rain's my choice."

# IS A COLLEGE EDUCATION A GOOD BUSINESS IN-VESTMENT?

The following answer to the question, "Does a College Education Pay?" has been prepared by Mr. James M. Dodge, secretary of the American Society of Mechanical Engineers, and gives a scientifically accurate answer to that oft repeated question. The data from which these deductions are made are gathered from a large number of actual average cases from practical life. They deserve the earnest consideration of young people, their parents, teachers and friends.

Let us start with the average boy of sixteen, and assume that he is worth to himself in earning power \$3,000; this is his potential capital -himself viewed only as an economic proposition. At this point we will also assume that he is as yet neither skilled in any craft, nor shoptrained, nor has he had the benefit of any trade school, or even been in any school of technology, or a college. Hence, four possibilities lie before him: 1. To remain an unskilled laborer. 2. To get a shop training. 3. To go to a trade school. 4. To acquire a liberal education. Start four boys, then, on the four lines and let us see what influence training of an equal sort actually has as measured by money returns.

I. The unskilled laborer. On the average he is earning \$4.00 a week at the end of his sixteenth year; \$5.00 a week a year later, and his advance continues with regularity to his twenty second year, when he is worth as "capital" to himself \$10,000, and he has a wage-earning capacity of \$10.20 a week. But here he reaches the highest economic value of unskilled labor, which will not significantly increase in value however many years he adds.

2. The shop trained worker. Even his narrower, rule of-thumb training pays good interest from the start. In six years he has passed the unskilled laborer; by the time he is twenty-four, however, he has reached his maximum; his potential capital is \$15,000, and his wage is \$15.20 a week. This is the highest point reached by the shop worker.

3. The trade school young man. The early broadening of his work immediately brings better wages. Before he is eighteen he has forever distanced the unskilled worker. Before he is twenty-one he has also left the shop worker behind him. When he is twenty-four he has an earning power of \$22 a week. He reaches his highest valuation at thirty-one years, and here he finds the highest point in the trade school economic horizon.

4. Technically and liberally educated boy. For several years this young man lags behind all three of the other classes. When he is nine-teen the unskilled laborer is ahead of him. Not till he is twenty-five does he catch up with the shop trained boy, or rise above the economic horizon of the trade school man. But what then? All three of his competitors have already reached their earning limit. Their horizons are fixed; but from that twenty-fifth year and its potential capitalization of \$22,000 the collegetrained man shoots up in seven years more to an earning power of \$43 a week, and has not as yet reached his full economic horizon !

A liberal education has added a potential capitalization of \$21,000 over all competitors from (\$22,000 to \$43.000). Education took him at the age of sixteen at \$3,000, it leaves him at thirty-two years at \$43,000.

These facts speak for themselves; they are not the guesses of an educational enthusiast, but are the logical results of a careful scientific investigation by one thoroughly competent to make it. What better investment of himself can one make than to secure a college education?

# A LETTER FROM DINKEL-SPIEL TO HIS SON.

(From The Kaimin.)

MEIN LIEBER LOOEY :-

Ve haf receptioned your letter and vas glad to hear dot your healt vas treating you mit pleasure and enchoyment. Dare has pen no oxcitement on der farm yet since you haf went, wid der exceptionation dot der vegetable seed which you plantationed before you to college went, changed its mind und blossomed fort as Scotch tistles; dis vas all vich ve haf harvested on der lot eggscept a litter of kittens vich a neighbor's cat staked us to.

Now Looey, von vord I would like to spoke to you before ve go hitherward, der wort runs as follows-DON'T GET A CASEfor all der vimmens iss a delusion und a snare. Looey, ven you first arrife at der Universitate, von of der snares, vich means a case in der bud, vill meet you at der front gate und mit tears in her voice und a catch in her eye, vill carelessly remark, "Oh, Looey, vill you pe mine?" Den Looey must you set down your feet und roughly push der out-stretched dimple mit der absent minded complexion aside und say, "Ich wurde nicht ein case habe."

A case, Looey, ven it is first seen, consists of a open faced smile above vich flows a Niagara Falls pompadour und under vich iss seen to appear a pair of complexionized shoulders cofered py a peek a boo vaist in der day time, und nothin if surprised at der Club Dance. A case lifs at der Dorm ven it iss asleep, aber in der day time it is catched up der canyon holding hands mit der scenery, vile at night it makes a date at der first stile mit you und a hack und der efening at der teatre, vasting your time ven you should be doing pinockle or practicing pilliards after der show; it makes a \$2.00 date at der coffee house vich should be pleasantly spent in front of Howard's vatching der chorus girls go py ven der grease paint iss off der faces und der old age iss on.

Your duties in der case, Looey, would consist of a check-book und a bleasant smile; it must also haf a speaking acquaintance mit der man who makes der flowers, vich is spelt out in United States in der letters to fadder as "Der Greek Book Expense."

So Looey, you see dot dere is but one ting vich ve should all give a case und it should be mentioned in von sour vord-Lemons. So venefer you feel der symptoms of a case coming down der street, turn down der next alley und repeat ofer under ofer der words, " Nefer a case mit Looey."

Mit luff,

DINKELSPIEL.

## LARGE CLASS OF SHORT COURSE STUDENTS.

Notwithstanding the fact that early indications seemed to point toward a small class of short course students this year, yesterday's and today's developments go to show that in all probability this year's class will be far in advance of all other short course classes in point of numbers. East Lansing rooming capacity is being taxed to the utmost while many have been forced to get rooms in Lansing.

The most popular of the courses is the first year in general agriculture with the creamery course close second. There are several back for the second year course.

#### THE WINTER WOOD

BY SUSAN HARTLEY SWETT

Gone are the lilies tall and fair That dreamed along the lane,

And kept alway in their red cups The woodland dew and rain,

And nodded softly to the song

The brook sang when the days were long.

Lost is the music blithe and gay Within the waving trees;

The low-toned gossip, through warm boons,

Of wandering meadow bees: The breeze that touched to light romance Its flute to lure the leaves to dance.

Now like sleep's land the deep wood seems,

So soft, and still, and white; The pale moon travels like a wraith Its avenues by night,

And even the sunshine paler grows That steps into its silvery snows.

And nothing mars the perfect calm That reigns at its deep heart.

Winter is here, but winter blest And from its woes apart.

And like a gentle, brooding wing Rests tenderly on everything.

The empty nests but seem to wail For new broods, fleeced with snow;

The brook, beneath a roof of ice, Still whispers sweet and low;

The evening star still keeps a tryst With the bare willows through the mist.

And clear and sweet the winter thrush Scatters his silvery notes

On coldest mornings, when the air Is filled with frosty motes,

As if a wild rose listened near

And new leaves softly thrilled to hear.

"Winter is but a friend," he sings. And while the skies are murk,

He tightly bars Dame Nature's door To let the shy Spring work,

And keep her flowery looms a-whir Until the bluebirds call to her.

The year had gloomily begun For Willie Weeks, a poor man's

SUN. He was beset with bill and dun,

And he had very little MON. "This cash," said he, "won't pay my dues;"

I've nothing here but ones and

TUES. A bright thought struck him, said,

"The rich Miss Goldrocks I will WED."

But when he paid his court to her, She lisped, but firmly said "No

THUR." "Alas!" said he, "then I must die." His soul went where they say souls

FRI. They found his gloves and coat and hat, The coroner upon them SAT.

-Ex.

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THE M. A. C. RECORD.



Reiley Calvert will have charge of Club D during the coming term. Prof. Shaw took the children living on the campus for a sleighride Christmas morning.

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Dean and Mrs. G. W. Bissell gave a party on the evening of December 27, in honor of their daughter, Miss Erma Mullenbach.

The M. U. R. have gone back to a 20 minute schedule on the college line, commencing at 5 a. m. and continuing until 11 p. m.

The friends of Miss Dorothy Moxness will be glad to learn of her rapid promotion along her chosen line of work. She has recently been appointed as assistant chemist of the board of public health at Baltimore, Md.

Miss Rose M. Taylor of the U. of M. has been elected as assistant in the Botonical laboratory and will begin her duties Feb. 1. Miss Hannah Bach will assist in the laboratory until that time. The large amount of work in the department for the next two terms makes it necessary to employ an additional instructor.

Dean Bissell, Dr. Beal, Dr. Marshall, Dr. Rahn, Prof. Sawyer, and Instructors Sayer and Lawrence attended the meeting of the American Association for the advancement of science at Chicago last week. Other M. A. C. men present were S. M. Tracy, '68, C. S. Crandall, '73, C. E. Bessey, '69, E. D. Sanderson, '97, H. C. Skeels, '98, H. F. Wight, and L. D. Bushnell, '05. Born, to Mr. and Mrs. Jacob Schefers, Monday, Jan. 6, a son.

Dr. Hurt spent part of last week in Ohio, Indiana and other states looking up horses for the farm stables.

Ray Shaffer has signed with Manager Taylor of the Bay City team and twirls in the state league next season.

Mr. McAlvay, formerly principal of the Manistee high school, will assist in the department of history and economics next term.

The Woman's Society of the People's church will meet with Mrs. T. C. Blaisdell, Wednesday, Jan. 8, at 2:30.

Mr. Arthur Boettcher, '10 engineering, has left college to enter the regular army. He will fit himself for promotion to the commissioned officers' ranks.

A meeting has been called to meet at the college at 2 p. m., Jan. 14, for the purpose of organizing a Michigan Guerensy Cattle Club. Nearly 100 breeders in the state have signified their desire for such an organization. The seventeenth annual meeting of the Michigan Improved Livestock and Feeders Association will be held at the college Jan. 14 and 15. This will give those interested opportunity to attend both meetings. A banquet will be given in the Women's Building on Tuesday evening, January 14 for all visiting members of the above associations. The Alumni advisory council consisting of Ray Stannard Baker, '89 (chairman) of East Lansing, W. K. Prudden, '78 of Lansing, L. W. Watkins, '93 of Manchester, Eugene P. Davenport '78 of Urbana, Ill. George J. Jenks '89 of Sand Beach and E. N. Pagleson '89 of Detroit, held their first meeting at the college, Dec. 20. This committee was appointed at the request of the State Board to act in conjunction with them in the welfare of the college.

Leslie N. Cullom and J. C. Paltridge have been secured as additional instructors in the English department. Mr. Cullom is a graduate of Hedding College, Ill., and has done graduate work for his M. A. degree at the Colorado university. Mr. Paltridge is a graduate of Kalamazoo college and has taken advanced work in the University of Chicago. He has had teaching experience in England as well as America.

The M. A. C. calendar for 1908 1x14 sheets showing insists of companion pictures of rural buildings. The first sheet shows the agricultural building and a class in stock judging; the second, the armory and the battalion; the third, the dairy building and cattle; the fourth, Williams hall and a class in surveying; the fifth, the Woman's building and a class in domestic science, the sixth, the engineering building and a view of the shops. A limited number have been placed on sale in the book store.

The forestry department's outfit for treating fence posts has been received. They already have about 600 posts to treat.

"Is a goat a sheep?" is a zoological question that the commissioners of an Ohio county have been called upon to decide officially. There has long been a state law providing that the county shall reimburse farmers for sheep killed by dogs. Recently a farmer there, had several angora goats killed by dogs and has asked the county to pay the bounty. It will be a test case.

The husbands and friends of the members of the Woman's Literary club were enjoyably entertained Wednesday evening in the Eclectic society building, the use of which the members kindly tendered for the evening. Early in the evening about eighty guests assembled in the parlors where music was rendered by Miss Louise Freyhofer and Mr. Frank Thompkins, pianists, and Miss Bemis, violinist. After a short time spent socially the company descended to the dining rooms where the following ladies presided at chafing dishes : Mrs.Ella M.Kedzie, Miss Bessie Bemis, Mrs. W. S. Sackett, Miss Hearty Brown and Misses Grace and Lillian Taft. Mrs. J. L. Synder poured the coffee and other members of the club assisted. The latter part of the evening was spent in dancing in the ball room, music being charmingly rendered by Miss Bemis and Miss Zae Northrup.

# THE M. A. C. RECORD.

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FINANCIAL STATEMENT ATHLETIC ASSOCIATIO	Basketball \$510 65	A VERACE man are as colorless as	
ATTILETIC ASSOCIATION	Track	$\Delta$ VERAGE men are as colorless as	
BASKETBALL.	Baseball 1,389 65	average clothes. College men are	
Receipts.	Interscholastic 119 00	5	
From season tickets. \$132 00	Circus, net 179 91	outside the average-their togs have to be	
" home games 127 80	M. I. A. A. Field Day 343 98 All others 15 30	-College Brand Clothes are. Just a bit	
games 250 85	65 Total receipts\$5,358 98	more dash to 'em, a great sight more style	
Expenses.	Expenses. Basketball \$549 56	-and the precisely	right amount of fit.
Paid visiting teams. \$250 34	Track		
Craveling expenses 204 61	Football 1,784 39		eir price isn't enough
Supplies 54 38	Baseball 1,239 75	to exclude you from y	wearing em. For the
Advertising 20 65	Interscholastic 142 20 Tennis 12 00	young man and the "	
Labor and incidentals 19 58 \$54	56 M. I. A. A. Field Day:	young man and me	like-to-be-young.
0-6-6	Tennis team \$18 40 Baseball team. 36 55	0'CO	NNOR, Clothier.
Deficit \$3 TRACK.	Track team 58 30 M. I. A. A. tax 175 50		sole Agents for College Clothes.
Tome meets \$83 65	\$288 75		
Out of town meets 91 00	Salary financial sec'y 99 99 65 Treasurer's fees 78 07		R W. MORSE, D. D. S. Hollister Block, F 517. Citizens Phone 52, Bell Phone 396.
		Dairy Employment Agency	
Paid visiting teams, \$235 70	Total running exp. \$4,587 31	Lansing, Michigan.	D. E. PARMELEE, Dentist, 117½ Wasi ton Ave. S., Lansing, Michigan. Citi Phone, office 275; residence, 261.
Traveling expenses 96 75 Supplies	Profit for year. \$771 67	F. O. FOSTER, Proprietor.	
Labor and incidentals 14 00	Spent in permanent improvements and	Office 511 Cit. Phone 1590	DEPARTMENT STORES.
	equipment on field. 423 07	Oakland Bldg. Bell Phone 204	C <sup>AMERON</sup> & ARBAUGH CO. Largest best lighted store in Lansing.
Deficit \$2	7 95 Surplus \$348 60		DRUGGISTS.
INTERSCHOLASTIC.	Cash on hand Dec. 31, '07 \$707 03	11	DOUSER'S CAPITAL DRUG STORE,
Receipts	C. L. BREWER,	llorr a mm oll	A date. Corner store. Opposite Hollister B
Expenses 142 20	Financial Secretary.	SKATES	ROBINSON DRUG CO., successors to Al & Son, Drugs and Druggists' Sundries, Washington Ave, N.
Deficit	3 20		
TENNIS.		We have the prove	DRY GOODS.
to receipts. Deficit. \$	0 40	We handle the PECK and	THE JEWETT & KNAPP STORE, Goods. 222-224 Washington Ave. S.
M. I. A. A. FIELD DAY.		SNYDER skates.	
I. A. C, share of net		We consider them the best. Our customers agree with us.	CAPITOL ELECTRIC CO. Electrical Sup
	3 98 ···································	Our stock is complete.	Telegraph Instruments and Telephones Mich, Ave., E.
Expenses.		HOCKEY STICKS	
1. I. A. A. tax\$175 50		25c, 60c, 75c	FURNISHING GOODS.
Exp. tennis team 18 40		200,000,700	ELGIN MIFFLIN,-Ladies' and Gentles Furnishing Goods. See ad.
<ul> <li>baseball team 36 55</li> <li>track team 58 30</li> </ul>	Canadaa Lanatanta		FURNITURE DEALERS.
\$2!	Greater Lansing's	J. H. LARRABEE	M J. & B. M. BUCK,-Furniture. Cor. W ington Avenue and Ionia Street. See ad,
Profit	28 Createst Store	325 Washington Ave. S. LANSING	IVI ington Avenue and Ionia Street. See ad.
BASEBALL.	Greatest Store		HACK AND BAGGAGE LINES.
Receipts.	and the second		O RDER your hacks for parties at Carr's Line, Livery in connection, 410 Washing
Season tickets \$245 00	and the second second second	DIRECTORY	Ave. N.
Home games 887 65	Cameron & Arbaugh Co.		HARDWARE, STOVES AND TINWAR
Out of town games 257 00	9.65	LANSING BUSINESS and	NORTON'S HARDWARE-General Hard Stoves, Tinware, Graniteware, Cutlery
Expenses.		PROFESSIONAL MEN	111 Washington Ave. South. See ad.
Paid visiting teams, .\$650 60	ye College Inn	The names in this Directory, as well as those of all our other advertisers, are of reli-	JEWELERS.
Craveling expenses ., 306 81	SPECIAL SUNDAY NIGHT LUNCHEON	able parties. We hope that the faculty and students will take pains to patronize those	CHAS. A. PIELLA. Jeweler and Opt 121 Washington Ave. N., Lansing, Mic
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