Joseph A. Rosen,'08, Vice President for two vacancies in the Bureau December 15th to secure men eligi-

Some of our M. A. C. graduates should be interested in this.

Further particulars can be obtained from R. S. Shaw, Dean of Agriculture.

**M. A. C. WELL REPRE-

**SENTED.**

At the meeting of the fourth Dry Farming Congress held at Billings, Montana, October 25-29, the following names of M. A. C. men appeared on the program: Dr. L. J. Briggs, '93, U. S. Physical Labora-
tory, Decatur, Ill.; Joseph A. Rosen, '08, Vice President of the American Agricultural Bureau of the Governmental Zoological of Ekaterinoslav, Russia; W. P. Snyder, '91, Montana State College; and North Platte Substation, Nebraska; L. B. McWethy, '04, Agronomist of the American Agricultural Bureau. The Executive Committee of the Dry Farming Congress includes the names of Dr. L. J. Briggs, '93, and J. D. Towar, '95.

**COLUMBIAN.**

On account of the Military the regular meeting of the Literary and Scientific Society was held Friday afternoon, Nov. 19.

The following members were absent: the meeting was a very successful and pleasing one, in having an excellent presentation of the work of the society.

President Jordan called the open meeting to order. The following questions were asked, without exception, by quotations from Whittier. O. C. Lawrence was appointed critic. O. L. Snow gave a talk on the Coast Artillery Corps, telling of the personnel and work of this department of our military force, illustrating with several lantern slides.

Mr. Snow pointed out the need for the development of this branch during the succeeding years. It will be remembered that this is the work of our National Guard. The guard is to protect the nation, and to work in advance of the majority of the states.

The meeting adjourned.

H. J. Hotchkiss delivered a humorous address and Whittier was Otherwise." Followed by a vocal solo by Harry Baker.

A. L. Campbell read us a scientific paper, "The Beet Cattle Industry in the Northwest," giving the history of the development of the beet cattle industry. The program ended with a fine lot of original jokes by L. G. Crow, '07.

The next hour was devoted to a good social time assisted by pop cones served in individual packages, and cider. The evening ended with a business meeting.

**HESPERIAN PARTY.**

Last Saturday night the Hesperian Society gave its annual fall formal banquet. About fifty couples enjoyed the strains of the college orchestra. The decorations were rather appro-

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Olivet played good game.

M. A. C. won undisputed title to the state college championship Sat. afternoon by defeating the Olivet eleven by a score of 20 to 0, in a spectacular game full of forward football and big passes. At no time in the game did the players threaten to score, although they played better ball in the second half and held Coach Brewer's stars to only one touchdown. Captain McKenna was unable to participate in the last local game for M. A. C., and was replaced by Bill, who played a star game and tried for four field goals, one from the 50-yard line coming close.

A triple pass, Moore to Hill, to Cortwright, who made a long forward pass to Barnett was frequently worked for great gains. Barnett making one touchdown on this play. The players were outclassed in nearly every department, never making any consistent gains through the heavy M. A. C. line. Webber did some brilliant punting, however, and his toe frequently carried the ball back from Olivet's 15 and 25 yard lines.

Olivet played a plucky game throughout, but their fast back field and heavy linemen of the victorious team.

The speakers tried some side lines passes and fake formations, but these were easily solved.

Mr. and Mrs. Nachteges played a great game for Olivet, these two men exhibiting brilliant football ability throughout.

Cortwright played a heady game for the winner, and pulled off many a forward pass to Barnett or Pattison that netted 50 or 60 yards. Excellently featured in line plunging, seldom failing to pull off five or ten yards when called upon. He was injured towards the end, being replaced by

Moore, Lemon, A. L. Campbell and Pattison played their last game for M. A. C., but could not take part in the big Saturday afternoon game.

Outstanding personalities were

L. C. Brooks, 92, is master electrician at the Boston Navy Yard.

Address is 14 Fairmount Ave., West Somerville, Mass.

E. C. Green, 97, is director of the experiment station at Fort Brown, Brownsville, Texas, and is doing a fine piece of work and I hope never to meet any of the others, which seems unfortunate. At any rate, the eight men will be alive in 20 years and all eight men will be there.

For myself, my life has been very uneventful, and with no interest for anyone outside of my own family.

Yours respectfully,

Guy Johnson.

Y. B. Shedd, 99, is a merchant at Newport, Oregon.

Address 170 Riverside Ave., Newport, Oregon.
Emergency fund which he can draw on

The forestry warden has a $10,000 emergency fund. The finances of the State are referred to the committee. Mr. Russell was appointed Chairman of the Committee of the State. Mr. Russell has charge of the Mineral, Coal, and Gas Lands. Mr. Colby, a gentleman engaged in mining, and one who is well acquainted with matters pertaining to mineral lands, etc. Chairman of the Committee on Trees—Mr. Russell. Chairman of the Committee on Water Rights—Mr. Martindale. Mr. E. Beal was named Chairman of the Foresters Committee. All matters pertaining to these different things, are referred to the committees having these matters in charge, and thus, with seven committees, they are able to accomplish much more work. They are very fortunate in securing an unusually efficient man for Secretary of the Commission, Hon. A. C. Carter, upon whom much of the work devolves.

"Reports from the State Game, Fish and Forestry Warden show that he has left no stone unturned to prevent the starting and spreading of fires along the railroad right of ways. He also reports that the railroads are all cooperating with him to bring about the desired results.

"The State Game, Fish and Forestry Warden has a $10,000 emergency fund which he can draw on at any time for the prevention of the starting and spreading of fires, but his report made to the Public Domain Commissioners under date of October 13th, would show that while a great deal of work has been done by his department, only $2,000 of the emergency fund has been used, leaving $8,000 to be turned back into the State Treasury.

"In addition to the work on the fire lines, they are working in connection with the supervisors of the township in which the reserve is situated in rebuilding a bridge across Wall Creek, which will be of great value to both the settlers and the reserve.

"About twelve acres of flat land has been cleared, ditched and seeded, and in the future we intend to grow hay for our own horses on this reserve.

"Reports from custodians on both reserves show that only about twenty-five acres of the forty-two thousand have been touched with fire, and no timber of any amount has been destroyed. This fire as started by a camper on the edge of the marsh and the land burned over was mostly hay marsh.

"They have instructed the land commissioner to hold all sales in the counties in which the lands are situated.

"They have instructed the land commissioner to have deeds prepared preserving the mineral, coal, oil and gas rights of all lands sold by his department.

"They have instructed the land commissioner to have deeds prepared reserving the right of ingress and egress over and across all lands bordering upon water courses or streams.

"They have instructed the auditor general and the land commissioner temporarily to suspend the sale of lands in all counties north of the second correction line until the lands for forestry purposes could be selected.

"They have selected the 110,000 acres of lands to be used for forestry purposes and have instructed the auditor general and land commissioner not to dispose of any lands in these counties.

"Mr. L. T. Burritt gave a talk on logging camps in northern Michigan. Mr. Burritt has worked in the woods for some time in a logging camp near Marquette on the Manistique river. He described graphically each operation of establishing camp and building roads, etc. His talk was clear and concise and very interesting.

PROGRAM OF FOLLOWING MEETINGS:

November 16.


November 20.


December 14.

Michigan Farm Woods—Frank Darling. Discussion—J. F. Campbell.


A. H. Case, '02, is Sup't. for the Santa Fe Gold and Copper Mining Co., at San Pedro, New Mexico.

CLASS OF 1901, ATTENTION!

Mark L. Ireland, '01, class secretary, desires to learn from each member of the class his present address and whether or not he expects to attend the triennial alumni reunion in June, 1910. Suggestions for a class reunion are in order. Address replies to Lient. Mark L. Ireland, Fort Stevens, Oregon.

JOHNNIE WALKUP HERE.

Johanne Walkup, whose father met an ill fate in May, 1908, during his return to the South Sea Islands, came back to the college Monday. Many persons here who had supposed he too had been drowned were much surprised to see him.

MILITARY BALL.

The military ball which was given Friday evening in the armory was well attended; in fact, nearly every man who could dance turned out. It was a great success. The armory was decorated with flags and guns. Lient. and Mrs. Holley were the chaperons of the evening.

Misses Helen Hubertus, Grace Mahley and Olive Hock of Detroit, Hazel Kellig, Gertrude Alden and Myssie Bennett of Grand Rapids, Grace Clark and Hazel Peck of St. Johns, Ruth Minogue of Newaygo and Jane Daunt of Bay City were at M. A. C. Saturday to attend the Marquette game and the Heuparian party.
In 1897, when the present administration of the U. S. department of agriculture began, all but one of the land grant colleges were in running order and doing excellent work, but their total income was only $5,000,000; today it is $18,000,000. The estimated value of the property of these institutions has advanced from $5,100,000 in 1897 to $60,000,000 in 1909, while the enrollment has grown from 1,000 to 14,000 in the last 12 years.

Today there are 15 agricultural high schools of the Minnesota type and 40 other high schools receiving state aid. In 1897, 86 private endowed colleges and high schools were giving instruction in agriculture to 1,127 state students. Today these schools prepare young people to teach agriculture, and, on the lists of the U. S. department of agriculture, there are 251 public and private high schools and academies giving some instruction in agriculture, and the agents of these institutions are offering correspondence and reading courses in agriculture.

The legislature of Virginia has appropriated $25,000 for instruction in agriculture, and the state and county normal schools preparatory to agricultural work are offering instruction. The Montana legislature is providing a million dollars for the training of agricultural students. The state of Colorado passed an act requiring the teaching of agriculture in all public schools. The legislature of Wisconsin (1895-1899) has provided state aid for the training of agricultural students. The state and county governments of Iowa, Mississippi, Illinois, Ohio, Minnesota, Michigan, and New York have showed the greatest interest in the development of agricultural education, with Prof. W. H. French, former deputy superintendent of public instruction in Wisconsin, directing the work. The college to take charge of the high school at North Adams, which through the cooperation of the college and the local school authorities will be conducted for a time at least as a high school offering a strong course in agriculture.

The estimated value of the property of the U. S. department of agriculture schools and had made provision for the ninth. Minnesota had the only state agricultural school, and county normal schools preparing young people to teach agriculture, and, on the lists of the U. S. department of agriculture, there are 251 public and private high schools and academies giving some instruction in agriculture, and the agents of these institutions are offering correspondence and reading courses in agriculture. The legislature of Virginia has appropriated $25,000 for instruction in agriculture, and the state and county normal schools preparatory to agricultural work are offering instruction. The Montana legislature is providing a million dollars for the training of agricultural students. The state of Colorado passed an act requiring the teaching of agriculture in all public schools. The legislature of Wisconsin (1895-1899) has provided state aid for the training of agricultural students. The state and county governments of Iowa, Mississippi, Illinois, Ohio, Minnesota, Michigan, and New York have showed the greatest interest in the development of agricultural education, with Prof. W. H. French, former deputy superintendent of public instruction in Wisconsin, directing the work. The college to take charge of the high school at North Adams, which through the cooperation of the college and the local school authorities will be conducted for a time at least as a high school offering a strong course in agriculture.

Ohio's Agricultural College, at Columbus, has advanced from $5,100,000 in 1897 to $60,000,000 in 1909, while the enrollment has grown from 1,000 to 14,000 in the last 12 years. In 1897, Alabama had eight district agricultural schools and had made provision for the ninth. Minnesota had the only state agricultural high school, while the teaching of agriculture in the public elementary schools was scarcely thought of.

Today there are 15 agricultural high schools of the Minnesota type and 40 other high schools receiving state aid. In 1897, 86 private endowed colleges and high schools were giving instruction in agriculture to 1,127 state students. Today these schools prepare young people to teach agriculture, and, on the lists of the U. S. department of agriculture, there are 251 public and private high schools and academies giving some instruction in agriculture, and the agents of these institutions are offering correspondence and reading courses in agriculture.

Every state of the Union that has just recently finished a constitutional convention has in the last few years passed an act requiring the teaching of agriculture in each school district. The teaching of agriculture in the rural schools is now required by law in 17 states of the Union.

The State Agricultural Colleges that have just recently finished elaborately equipped agricultural buildings are: Nebraska 2, Oregon 2, Tennessee 1, and Michigan 1.

The Michigan Agricultural College, through its department of agricultural education, with Prof. W. H. French, former deputy superintendent of public instruction in charge, plans to send a graduate of the college to take charge of the high school at North Adams, which through the cooperation of the college and the local school authorities will be conducted for a time at least as a high school offering a strong course in agriculture.

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