

The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

VOL. 10.

LANSING, MICHIGAN, TUESDAY, MARCH 28, 1905.

No. 27

TIC-OLYMPIC PARTY.

About fifty couple enjoyed the term-end party given by the Tic-Olympic societies at the Masonic Temple Friday evening. Baker & Parreant's orchestra of six pieces furnished the music which inspired all to the dance, until twelve o'clock, when the merry party disbanded for a short time in order to partake of refreshments. The program ended at 2:30, at which time several of the young people left for the 3 o'clock train to their several homes feeling that this, the last evening of the winter term, had been a most enjoyable one. Altho a Tic-Olympic party, several students from other societies, as well as non-society members, were present. Several guests from outside were also present. Instructor and Mrs. Harry Reed acted as chaperones.

"COUNTY FAIR."

Mr. and Mrs. J. J. Myers entertained the Hebron class and the Triangle fraternity of the Central M. E. church at their home in Collegeville Friday evening of last week. About fifty young people were present to enjoy the "Country Fair" and many of the young people were appropriately costumed for the occasion. The usual attractions were in evidence such as pop corn stands, wheel of fortune, fortune tellers, shooting gallery, etc. Each guest was provided with a certain amount of money? with which to "do the fair" and as soon as they were fairly inside the gate the hawkers began, and cried their wares with a vengeance. Contests of various kinds including pie eating and cracker eating were also enjoyed, and a jolly good time was the verdict of all present.

A TRIP NORTH.

Prof. Bogue and Messrs. Talladay, Robson and Goetz leave Thursday of this week for a trip to the northern part of the state. They will go by way of Grand Rapids, Cadillac, Traverse City and Mackinaw and return by way of Alpena East Tawas, and Bay City. At Grand Rapids they will inspect the plantations about the city and some of the large furniture factories for which it is noted. They will visit the large saw mills located at Cadillac and at Alpena will be privileged to go through the Fletcher Company's pulp and paper mills. At Tawas City they will be able to note the work the D. & M. Road is doing to improve the condition of the Tawas City Beach by the planting of trees. This Beach is becoming quite a resort and the planting of trees is for both forestry and park purposes. The party will probably return on Saturday evening.

Director Brewer and Instructor Hopkins attended the Wisconsin-Michigan Dual Meet held at Ann Arbor Saturday evening of last week.



MANAGER GRAHAM
SCHAEFFER TUTTLE
DIRECTOR BREWER
BAULD DODGE KREHL WESSELS

We present this week a half-tone of our basketball team together with a short summary of games played during the winter which will, we feel sure, be of interest to many of our readers. For two of the players, Schaefer and Tuttle, it was the fourth season. Bauld has played two years and for Krehl, Wessels and Dodge it is the first year's work. At this the close of the season the team is, without doubt, the fastest team in the state. Even Detroit, who claims the state championship will admit that, we believe. Although the team is made up of comparatively small men, they put up the fastest games of any team with whom they played. Their speed and team work was spoken of highly everywhere. The schedule as arranged was rather an unfortu-

nate one in that there is no other college in the state which sends out a team and it has been difficult to secure as many games as desired. Following is a list of games played with scores for each side.

Saginaw Y. M. C. A. 12, M. A. C. 62.
Bay City Y. M. C. A. 20, M. A. C. 47.
Grand Rapids Y. M. C. A. 38, M. A. C. 22.
Hope 44, M. A. C. 30.
Jackson Y. M. C. A. 12, M. A. C. 47.
D. A. C. 39, M. A. C. 30.
Battle Creek Y. M. C. A. 3, M. A. C. 94.
Bay City Y. M. C. A. 14, M. A. C. 30.
Totals, opponents 182, M. A. C. 362.

ELECTRICAL CLUB.

Mr. Holbrook explained from mathematical considerations, and apparatus the various phenomena of resonance. The large induction coil of the Physics department was used to develop the high potential. Several large coils were used in showing the resonance. Some splendid results were produced. The Geissler tubes located the planes of the nodes by becoming luminous. The next meeting is to be held April 11, when Mr. J. W. Taylor will explain exterior wiring for dynamos and motors, and Mr. W. B. Allen will present the fourth article on switch board design.

Y. W. C. A.

The topic of the last meeting of the term was "Overcoming Temptations." Eva Kenney presented this subject in a helpful talk, and additional thoughts were brought out in the discussion that followed.

'01.

S. J. Kennedy now has a private studio in the Atheneum Building, Chicago. He has made rapid strides in his profession since locating in the Windy City. For some time he has been a member of the Palette and Chisel Club which organization receives members only after severe competition.

ALUMNI.

'01.

James C. Green is doing bridge designing in the Monadnock Building at Dearborn and Jackson Boulevard. Mr. Green's private address is 364½ Prairie avenue.

'02.

Frank G. Carpenter is assistant superintendent of construction for Swift and Co. His work frequently takes him to the company's leading plants throughout the middle west. His home address is 416 N. 7th St. St. Joseph, Mo.

With '02.

C. P. Reynolds has resigned his position as agricultural editor of the *Chicago Daily Drovers' Journal* to assume the editorial management of the *Prairie Farmer*, published by Rand-McNally & Co., 166 Adams St., Chicago. The *Prairie Farmer* is recognized as one of the leading agricultural papers of the west. It is now running in its 78th volume. Mr. Reynolds has been on the staff of the *Drovers' Journal* for nearly 3½ years.

'03.

John Fraser is enjoying his work in Chicago. His private address is 509 Racine avenue.

'03.

Sam McClure, who is in the mechanical department of the Lake Shore railroad and was transferred to Chicago recently, is back again at Toledo. Letters will reach him at 238 Western avenue.

'03.

J. W. Prost has done very commendable work with O. C. Simonds, landscape gardener, Chicago. Mr. Prost has some intention of making further study in his line at Harvard.

'03.

W. R. Brown who lately came to Chicago to take up work with Swift & Co., in their mechanical department may be reached by letter at 4405 Emerald avenue.

J. J. Ferguson, formerly instructor in animal husbandry at M. A. C., now head of the animal food department at Swift & Company's Plant is meeting with marked success in his work. His private address is 46 53rd St. If the federal investigation of the "beef trust" keeps within reasonable bounds, it is not expected that Mr. Ferguson will be compelled to take a hasty trip to Europe for his health.

'04.

Henry Geller is taking soil chemistry in the College of Agriculture at the University of Illinois under Dr. C. G. Hopkins. Mr. Geller expects to do ten years' work in this country before he returns to Europe. It is rather strange that Mr. Geller will take his doctor's degree in this country, considering it of more value than a similar honor from Heidelberg.

THE M. A. C. RECORD.

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

B. A. FAUNCE, MANAGING EDITOR.

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Subscription, - - - 50 cents per year.

Remit by P. O. Money Order, Draft or Registered Letter. Do not send stamps.

Address all subscriptions and advertising matter to the College Secretary, Agricultural College, Mich. Address all contributions to the Managing Editor.

Business Office with Lawrence & Van Buren Printing Co., 122 Ottawa St. E., Lansing, Mich. Entered as second-class mail matter, Lansing, Mich.

This paper is occasionally sent to non subscribers. Such persons need have no hesitation about taking the paper from the post-office, for no charge will be made for it. The only way, however, to secure the paper regularly is to subscribe.

TUESDAY, MAR. 28, 1905.

In speaking of the dual indoor meet between Albion and M. A. C. on March 17 the *Albion College Pleiad* of the 22 has the following to say:

"The team was accorded the finest of treatment, no member hearing a disparaging remark during the whole evening.

"Let us not forget the reputation that we, as Albion students, have to uphold in this matter of college courtesy, and this coming spring no matter how flagrant a breach of etiquette our opponents may commit, let us not forget for one moment, our duty to them in this matter."

It is to be hoped that in the athletics during the coming spring as much may be said of M. A. C. by her opponents in every contest in which she participates, and that we may further say with Albion that so far as college courtesy is concerned, our record shall be kept clean.

ACADEMY OF SCIENCE.

The Michigan Academy of Science held in Ann Arbor this week is rather unique in that it is the only organization of the kind which includes in its program an agricultural section. The program includes so many interesting features that as one of our M. A. C. graduates has said it makes his head whirl. Another from Washington states that he cannot afford to miss it. We give below the program of the agricultural section.

THURSDAY, 3:00 P. M., MARCH 30.

Vice-President, W. J. Beal, Agricultural College.

1. Outline of a Course in Rural Sociology. Kenyon L. Butterfield, President of State Agricultural College, Rhode Island.

2. Syllabus for an Elementary Course in Economics. W. O. Hedrick, Agricultural College.

3. Syllabus for a Four-year Course in Live Stock Husbandry. R. S. Shaw, Agricultural College.

4. Syllabus for a Four-year Course in Horticulture. U. P. Hedrick, Agricultural College.

5. Social Phases of Agricultural Education. J. L. Snyder, President of Agricultural College.

6. Outline of Topics in Horticulture for some Grades of Common Schools. U. P. Hedrick, Agricultural College.

7. The Place of Agriculture in the Rural Schools. Clarence E. Holmes, Superintendent of State School for Blind, Lansing.

8. School Gardens. F. L. Keeler, Mt. Pleasant.

FRIDAY, 9:00 A. M., MARCH 31.

9. Some Experience in the Management of School Gardens. J. B. Dandeno, Agricultural College.

10. The Preparation of Teachers for the Rural Common Schools. Ernest Burnham, Kalamazoo.

11. The Rural School Museum. C. W. Garfield, Grand Rapids.

12. Planning Courses for Rural Schools. L. H. Bailey, Dean of Agricultural School, Cornell University.

13. Some Lessons Concerning Soils for the Common School. Joseph A. Jeffery, Agricultural College.

SECTION OF BOTANY.

THURSDAY, 3:00 P. M. MARCH 30.

Vice-President, J. B. Dandeno, Agricultural College.

1. Geotropic Response of Stems and Roots at Various Angles of Inclination, (10 minutes). F. C. Newcombe, Ann Arbor.

2. Color Stimuli and Plant Functions, (10 minutes). J. B. Dandeno, Agricultural College.

3. A Canker of the Yellow Birch Accompanied by a Nectria, (10 minutes.) J. B. Pollock, Ann Arbor.

4. A Study of the effect of dilute solutions of Hydrochloric Acid upon the Radicles of Corn Seeding, (5 minutes). F. A. Loew, Agricultural College.

5. The Toxic Action of Copper Sulphate upon Certain Algae, in the Presence of Foreign Substances, (5 minutes). Ellen B. Bach, Agricultural College.

6. The Relation of Bacteria to Plant Food, (15 minutes). Walter G. Sackett.

7. Michigan Fungi Not Previously Listed in the Reports of the Michigan Academy of Science, (15 minutes). J. B. Pollock and C. H. Kauffman, Ann Arbor.

8. Sexual Reproduction in a Red Alga. (Calithamnion Bailey), (15 minutes). R. P. Hibbard, Ann Arbor.

9. Vitality of Seeds after Twenty-five Years, (5 minutes). W. J. Beal, Agricultural College.

10. Polystictus Hirsutus as a Parasite on Mountain Ash, Maple and Carpinus, (10 minutes). J. B. Pollock, Ann Arbor.

Under the section of Sanitary Science on Friday a. m., both Mr. L. T. Clark and Mr. W. R. Wright, of the Bacteriological Department will give papers along their particular line of work.

BIRD PROTECTION.

On Thursday Mr. William Dutcher, the President of the National Association of Audubon Societies, visited Lansing and appeared before the joint committees on game of the house and senate to advocate the better protection of the wild birds of the state. He was accompanied by Mr. Jefferson Butler, the president of the Michigan Audubon Society, organized about a year ago at Detroit, which society has

drafted and had introduced in the legislature a bill for the better protection of birds.

The national society which Mr. Dutcher represents has secured the adoption in twenty-three states during the last few years of the Model Bird Law advocated by the Audubon Societies and Ornithologists Union. This law aims to divide all the birds of the state into two groups, game birds and non-game birds, and to secure the absolute protection of the latter at all seasons of the year. A few exceptions are made, notably in the case of the English sparrow, two species of hawks, and under certain conditions, the crow.

The Audubon Societies of the country have accomplished a remarkable work in restricting, and in many cases absolutely stopping, the traffic in bird plumage for millinery purposes. They have placed wardens at their own expense on islands along the Atlantic coast where terns, gulls and other sea birds nest in numbers, and through their efforts colonies of these birds have been re-established in places which they were compelled to forsake a few years ago on account of persecution by the plumage hunters.

In Michigan the destruction of harmless or beneficial birds for millinery purposes has never been as great as in many other states, but many gulls and terns have been killed illegally, and tanagers, orioles, hummingbirds and other bright-plumaged species have been sacrificed through the demand for their plumage for millinery purposes.

The joint committee of the legislature seemed favorably disposed toward the recommendations offered by Mr. Dutcher and Mr. Butler, and there is every reason to hope that much better protection for our valuable birds will be secured.

Mr. Dutcher is an old friend of Professor Barrows, of M. A. C., and a fellow member of the American Ornithologists Union, whose committee on bird protection began the agitation of this subject in 1884. Mr. Dutcher and Mr. Butler were guests of Prof. Barrows at the College on Thursday, and expressed their surprise and admiration at the size of the institution and its work.

PLATED WARE.

The fact that the per cent. of the noble metal, gold or silver, falls far short of the standard given by the manufacturer in plated ware is usually taken for granted by the people, but few realizing how exceedingly low the per cent. really is.

Two very interesting experiments, rather surprising in their results, proving this fact were performed in the chemical laboratory during the past week.

The amount of gold present in a gold plated chain whose retail price was \$3, was determined by weight, the actual per cent. of gold being 1.09 per cent. The weight of the chain was 26.13 grams, this making .28 grams of gold present in the whole chain. As gold is valued at 64 cents a gram, the value of the gold would thus be about 18 cents. Almost pure copper formed the foundation for the gold plate.

In the other experiment five silver spoons valued at \$1, and weighing 105.65 grams were dissolved in nitric acid, and the amount of silver tested for. The result showed about .45 grams of silver in one

spoon, in which there was claimed to be 1.3 grams. Silver is valued at 2 cents a gram, making the actual value in the 5 spoons to be about 4½ cents, thus making the remainder of the price paid or about 95 cents the cost of the baser metals copper, zinc and nickel.

'90.

Edw. J. Frost called on College friends recently and reports good success in his work. He is superintendent for the firm of George D. Walcott & Son, machine tools, Jackson, Mich.

'03.

Mrs. Hettie Wright Phillips writes from Butte, Montana, to have THE RECORD sent to her at Milford, Mich., after April 11. She says: "Mr. Phillips (Cecil L. with '03), and myself, have enjoyed the weekly visits of THE RECORD very much, always turning with especial interest to the alumni news. On our way out here we spent some time at Salt Lake City and Ogden. Later we took a four weeks' camping trip through Yellowstone Park. There is a fascination about the west, and yet I would much prefer Michigan farm life to Montana ranch life. In a few weeks we will make our home on a farm near the above address." The many friends of Mr. and Mrs. Phillips will gladly welcome them back to old Michigan.

'03.

O. J. Dean, who has been in the state of Washington doing civil engineering work, recently returned to his home in Colon, Mich.

With '03.

Mrs. Mary Ross Reynolds recently had published in the *Workers' Magazine* of the *Chicago Tribune* an excellently written article showing the possibilities of raising flowers for profit in the city.

B. S. Brown writes from New York City that his address will for the present be Bontanical Gardens, Bronx Park. He states that Bronx Park consists of about 650 acres and is of the naturalistic type, about one-half being in woods. The soil is very shallow and in places large areas of bed rock are exposed. A small stream crosses the grounds which adds materially to the beauty of the park. The grounds were purchased several years ago for \$1,000,000 and as much more has been expended for improvements. The conservatories consist of fifteen buildings in which are housed about 6,000 species of plants. The park lies in Eastern New York, about two hours' ride from the city hall on the elevated railway, which at present is a very delightful trip.

A preliminary program has been handed us of Conference on Rural Progress held at Providence, R. I., on March 22 and 23. Many prominent speakers were secured for this conference. The committee was composed of representatives from the Washington Co. Agricultural Society, the State Board of Agriculture, State Grange, Ass'n of School Superintendents, State Federation of Churches, Kingston Improvement Association, and the State Agricultural College of which Kenyon L. Butterfield is president. The purpose of the conference is to bring together on a common program topics that have to do with all phases of rural betterment.

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ABOUT THE CAMPUS.

Mrs. King is visiting in Chicago this week.

Dick Yates is making college friends a short visit.

Mrs. Haner is in Bay City this week visiting her friend Mrs. Doe.

Mrs. Landon is spending a few days at her old home, Niles, Mich.

President Snyder was in Washington several days the past week.

Miss Haney is spending a few days this week at her home in Belding.

Miss Carpenter will spend her vacation at her home in Orion, Mich.

Miss Elva Davis was taken ill and left for her home in Ionia early last week.

Miss Mildred Stringer of Detroit was at M. A. C. Tic-Olympic term end party.

Dr. and Mrs. Waterman spent a few days at their old home in Salem vacation week.

Harry Kneeland, '02, of Traverse City, visited Lansing and College friends the past week.

Frank Rork, '03, a graduate of the College of Mines, is at present with his parents in Lansing.

Miss St. John goes to her home in Toledo for the vacation. Miss Purmort will accompany her.

The State Board of Agriculture meets in the board rooms Wednesday, March 29, at 1:30 p. m.

H. A. Orvis, '08, who has been in the hospital the past week suffer-

ing with blood poisoning is doing nicely and will soon be out again.

Ex-senator Myron W. Clark, a prominent dairyman of Parma was a College visitor the past week.

D. J. Crosby, '93, of Washington, D. C., made college friends a hurried visit on Monday of this week.

The M. A. C. Sunday School will convene at 9:00 o'clock Sunday morning, April 2, also Sunday morning, April 8.

Prof. U. P. Hedrick attended the State Horticultural Society held at Fremont the past week. He reports a very enjoyable time.

The old campus is quite deserted this week, the majority of students having left and many of the instructors are also away for a few days.

The campus is looking rather rough just now, but after the general trimming and cleaning up, the warm rains and sun will brighten things up considerably.

Representatives Lord and Jerome of Wayne county, and Simpson, of Van Buren, visited the College the past week and were very much interested in the work being done here.

Indications are that there will be considerable building done in the vicinity of the College during the summer, as several have expressed their intention of erecting houses before another fall.

W. S. Merick, '04, who is teaching manual training in Kalamazoo, was called to his home in Flint the

past week on account of the death of an aunt. He made College friends a hurried call enroute.

Mrs. Gingles spent Friday evening with College friends. When here Mrs. Gingles was on her way home for a short vacation. She reports the work at Saginaw as going on nicely and very much enjoys the position.

Work on the Pine Lake road is moving along very well. The rails which were left on the college siding are nearly all distributed, and before summer is over we may expect to make many a fishing or picnic excursion to the lake.

The leaves and rubbish about the grounds are being raked together and hauled away, the muck which was drawn out during the winter is being harrowed down, and the general improvements make us begin to think spring has surely come.

Dr. Edwards was in Ann Arbor Friday evening of last week, where he acted as judge in the final contest of the Northern Oratorical League, which embraces the following universities, Minnesota, Northwestern, Chicago, Michigan and Wisconsin.

A note from Mr. M. Lee Kingsley with '05, states that he is at present in charge of his home school at Kendalls during the illness of the regular teacher. He is enjoying the work as *Principal* very much and sends regards to his M. A. C. friends.

Work on the new well near the new power house is progressing very satisfactorily. It has been

driven to a depth of 200 feet and will no doubt be finished inside of ten days or two weeks. The first one driven is proving very satisfactory.

Messrs. Jordan and Auten will remain at the college during the week to assist Mr. Mills in staking out the Manufacturers Road. Messrs. Gunnison, Fryman and Ford will aid Mr. Hopkins in supplying the contractors on this line with the necessary guide posts.

The bulletin giving information concerning the special summer courses under the direction of the mechanical department, has been received from the press and may be had for the asking. There seems to be quite an interest in the work which these courses will give as shown by letters of inquiry and it is believed a goodly number will take advantage of the same. All communications should be addressed to Prof. C. L. Weil.

Mr. P. H. Stevens who was for two years editor of the RECORD writes pleasantly of his work at the University of Chicago. It will be of interest to his friends at the college to know that he is to take his master's degree in English from the above University in September. He has found his work fascinating although hard and exacting. He speaks of meeting many of the M. A. C. people and sends us several interesting notes concerning same. Mr. Stevens is making an exhaustive study of the history of the novel. His address is 5550 Drexel avenue.

'65.

C. P. Close, Horticulturist of the Delaware Experiment Station, has just published a spraying bulletin known as "The New K-L Mixtures and San Jose Scale. K-L is a mixture of Kerosene, hydrated lime and water. Mention is made of the adhesives used with success both during the growing season and the dormant. It is stated that although the K-L mixtures have been used only one season they have caused much favorable discussion in many parts of the country. If properly made and thoroughly applied they should certainly give satisfactory results. Those who find difficulties in the use of these mixtures are urged to report to Prof. Close who will give all assistance possible. It is also urged that a record be kept by the fruit growers using same and a report as to their efficiency sent to him.

'91.

Mrs. A. T. Sweeney has been spending two weeks with her mother, Mrs. Thos. Foster, who has been quite ill. Mrs. Sweeney returned to her home in Newark, N. J., last week, taking her mother with her.

'91.

R. J. Crawford a prominent fruit dealer writes College friends concerning a spraying mixture. Mr. Crawford makes a specialty of apples, peaches, pears, plums, and honey.

'00.

Irma G. Thompson writes from Ann Arbor that she has spent a delightful winter with Miss Blunt and has enjoyed her work immensely. She returns to her old home in Hartford this spring.

'02.

T. G. Phillips is soon to deliver a lecture to the school children of Bay City along the line of yard decorations in the way of flowers, vines, etc. The lecture is given under the auspices of the Women's Civic Imp. Club.

Miss Ora Luther returned to her home Wednesday of last week after spending several days with College friends.

Miss Alice Earl has had a serious time with rheumatism for several weeks. She has been in the hospital the past week and we are glad to report that she is on the gain. We hope she will soon be able to return to her accustomed place in the Secretary's office.

A. M. Robson of Lansing has purchased the stock of goods at the M. A. C. grocery and has taken charge of the store as proprietor. Mr. Robson was a student at the College in '77-'80 and has been identified with the grocery business ever since. He is certainly in position to give to M. A. C. people what they are looking for in his line and intends to keep an up-to-date store.

A goodly number of college people will attend the meetings of the State Academy of Science and the School Masters' Club which meet in Ann Arbor this week. On Thursday afternoon Prof. Kedzie gives an address on "What Should be Taught in Beginning Chemistry." On Friday afternoon Instructor Curtis will give a paper on "A Contact Key for a Slide-Wire Bridge."

The first form of the new catalog is now in the hands of the printers. We would again call attention to the fact that it is necessary to have all corrections submitted as early as possible, so that the work may go on rapidly when it is once started. We would like very much to have the catalog ready for distribution early in May, and in order to do this it will be necessary to "hustle" the work from now on.

This is certainly good weather for visiting, and we imagine our student readers are putting in good time at home. Don't forget to come back on April 3.

Quite a number of students are employed in clearing away the brick from the ruins of Wells Hall.

Base ball practice continues, a few of the fellows remaining over vacation, and others will no doubt return the last of the week to get ready for the early games next term.

Hillsdale has a new pipe organ.

In a debate with Washington and Jefferson College on March 10, Albion College was given the unanimous decision of the judges. The question was "Resolved, that assuming the adoption of adequate constitutional amendments, courts should be established in the United States for the compulsory arbitration of disputes between employers and employed."

An Irishman was trying to ride a kicking mule. Finally the mule's hoof was caught in the stirrup and the Irishman exclaimed: "Begorra an' if you're goin' to git on, I'll get off."—*Ex.*

The last issue of the *Olivet Echo* presents quite a striking cover page and is entitled "Oratorical Contest Number."

Teacher—"For Heaven's sake, don't you ever think? What is your head for?"

Dull Boy—"Oh, just to keep my collar from falling off."—*Squib.*

The poor benighted Hindoo,
He does the best he kindo;
He sticks to his caste,
From first to last,
And for clothes he makes his skindo.

Please pass me the *Review of Reviews* he said;
The landlady's eyes did flash,
For another young boarder looked absently up
And solemnly passed the hash.—*Ex.*

Said the shoe to the stocking,
"I'll wear a hole in you."
Said the stocking to the shoe,
"I'll be darned if you do."—*Ex.*

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