

REPORT OF

THE PAN-AMERICAN  
EXPOSITION COMMISSION

FOR THE

STATE OF MICHIGAN

1901

COMPILED BY  
HAL H. SMITH, SECRETARY



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OF LANSING, STATE PRINTERS.

THE PAN-AMERICAN EXPOSITION COMMISSION FOR  
THE STATE OF MICHIGAN.

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GEORGE H. BARBOUR, *President*, - - - - Detroit  
W. H. WALLACE, *Vice President*, - - - - Bay Port  
HAL H. SMITH, *Secretary*, - - - - Ionia  
E. H. FOOTE, *Treasurer*, - - - - Grand Rapids  
JAMES R. DEE, - - - - Houghton  
MINER T. COLE, - - - - Palmyra  
GOVERNOR A. T. BLISS, *ex-officio*, - - - - Lansing



A. T. BLISS, Governor.

W. H. WALLACE, Vice President.

E. H. FOOTE, Treasurer.

J. R. DEE.

GEO. H. BARBOUR, President.

M. T. COLE,

HAL H. SMITH, Secretary.

## PREFACE.

In presenting this report of The Michigan State Commission to the Pan-American Exposition, our aim has been, in compiling the same, to make it as concise as possible and at the same time go into the details not only of the expenditures but to briefly outline the exhibits of the different departments, giving results accomplished, and, in detail, showing the medals awarded.

I conclude I will not be stating it too broadly when I say that the Commissioners feel that not only they but the State can well feel proud of the results obtained in the way of medals awarded, in which I believe no other State excelled.

We have every reason to feel proud of the position Michigan was awarded from the opening day of the Exposition to its close. The officials of the Pan-American Exposition did not hesitate to state to the Commission that Michigan had not been found wanting, and the Commission can reciprocate by stating that no Commission could have received better treatment than was accorded us at all times by Director General Buchanan and all other officials and attaches of the Pan-American Exposition. We also feel proud of the fact that while we were not the first State to break ground and begin the erection of our State Building, we were the first State to throw open our doors, and the building was open to every one who wished to enter. While the Exposition was far from being complete on the day our building was dedicated, we had a large number of not only Michigan people but many others from different sections of the country. I will not enter into the details of the dedication, as they are fully stated by the Secretary in his report, which will be found of interest to those who examine this book. I do not hesitate to say that the Michigan State Building was one of the most attractive buildings on the grounds; while there

were other buildings costing double the amount of ours, I feel I am safe in stating we received more visitors than any other State Building. It was the aim of the Commission to make the Michigan State Building one in which not only our own State people would feel at home, but we wanted all who entered to have the same feeling. We were fortunate in selecting the attaches of the building. All proved to be very attentive to their respective duties, and of this I can add no better proof than to say that no changes had to be made.

It can be said of our Governor and of the members of the Commission, that they were present on more occasions during the six months of the Exposition than those of any other State, and on the closing day, November 2, 1901, Michigan was the only State represented by its Governor and all members of its Commission.

In conclusion I beg to state that \$43,000, the amount appropriated for carrying on the work of the Commission, is not a large sum of money to make an exhibit of a State's products. After reading this report you can judge for yourselves whether what was expended was well expended or not. We feel that nothing was neglected that could have been improved by an additional expenditure, and we take no little pride in returning to the State Treasurer \$10,767.05.

I wish at this time to acknowledge the hearty support which was accorded me by every member of the Commission; and Governor Bliss was at all times ready to respond to any call. I feel that the hearty support given by, and the united action of, all members of the Commission have led to the satisfactory results accomplished.

Very respectfully yours,

  
President.

## REPORT.

The Act creating The Board of Pan-American Exposition Managers for the State of Michigan received the approval of Governor A. T. Bliss on January 24, 1901, and, on January 31, 1901, commissions were issued to the following gentlemen as members of the Board:

- G. J. DIEKEMA, of Holland.
- W. H. WALLACE, of Bay Port.
- GEORGE H. BARBOUR, of Detroit.
- M. T. COLE, of Palmyra.
- JAMES R. DEE, of Houghton.

On the fourth day of February, 1901, the members of the Board, having taken and filed their oaths of office, met at the Executive Office in the City of Lansing. Organization was perfected by the election of G. J. Diekema as President, W. H. Wallace as Vice President, George H. Barbour as Treasurer, and Hal H. Smith, as Secretary.

After a full consideration of the question of exhibits at the Exposition, it was determined to divide the labor of the Commission into separate departments. The Department of Mines and Mining was accordingly assigned to Commissioner James R. Dee; the Department of Agriculture, Horticulture and Dairy, to Commissioner M. T. Cole; and the respective Commissioners were empowered to employ assistants and generally to supervise the work of their departments.

It was resolved at this meeting that the Commissioners

should visit the grounds of the Pan-American Exposition to select a site for the erection of the Michigan Building.

On the twenty-second day of February, the Commissioners again assembled. The report of Messrs. Barbour, Dee and Cole as to the site for the Michigan Building was received. Mr. Barbour had, through the press, requested the submission by the architects of the State of plans for this building, and numerous designs were presented. Among those favorably received were those of Messrs. Kamper, of Detroit; W. T. Cooper & Sons, of Saginaw; T. Carl Polmarr, of Detroit; Clarence Cowles, of Saginaw; Daverman, of Grand Rapids, and Claire Allen, of Jackson. The choice of the Board, however, fell on the design submitted by Mr. Louis Kemper, of Detroit, and a Building Committee consisting of Messrs. Barbour, Wallace and Cole was named to secure plans and complete arrangements for the erection of the building. The plans were, on the twenty-seventh day of February, presented to the Board at a meeting held in Grand Rapids.

Shortly after this meeting President G. J. Diekema, having been named as a member of the Spanish War Claims Commission, tendered his resignation as a member of the Board, and Mr. E. H. Foote, of Grand Rapids, was appointed by Governor Bliss to fill the vacancy caused by this resignation, and on the fourteenth day of March the Board reorganized by the election of Mr. Barbour as President and Mr. Foote as Treasurer.

An examination of the Act creating the Board disclosed that no provision had been made therein for the furnishing of the State Building to be erected at the Exposition. Accordingly the Legislature was asked, by resolution, to remedy this defect, which was subsequently provided for by an additional appropriation of \$3,000 for this purpose.

At this meeting the duty of furnishing and decorating the Michigan Building was assigned to Commissioner Foote, and \$3,000 of the funds of the Commission set aside for that purpose, as was \$2,500 for the Department of Mines and \$5,000 for the Department of Agriculture, Horticulture and Dairy.

During the period covered by these meetings, the collection of the exhibits and the erection of the building was going rapidly forward.

Miss Minnie Conger, of Litchfield, was named as matron, and Mr. George H. Keating, of Bay City, as assistant secretary. From business reasons, Mr. Keating was unable to accept this position and it was left vacant. Mr. Harry M. Robbins, of Whitmore Lake, was appointed superintendent of the check room; Mr. Samuel A. Williams, janitor, and Mr. Robert N. Wallace, messenger.

### THE MICHIGAN BUILDING.

The Michigan Building was designed by Mr. Louis Kamper, of Detroit, and erected by G. J. Vinton & Co., also of Detroit. It was Colonial renaissance in style. Situated on the Court of State Buildings, its imposing front looked across the open court to the Lagoon and the Fisheries Building on the north. It was flanked on the west by the New England Building and on the east by that of Ecuador, while on its eastern front ran the avenue leading to the Ordnance Building and to the Gallery of Fine Arts. In the rear, across the avenue, was the New Jersey and Louisiana Purchase Exposition Buildings. The building itself was supported on three sides by stately columns, while a wide portico surrounded it. Above the front entrance the coat of arms of Michigan was emblazoned.

As you entered the doors, you passed into a spacious hall, on either side of which, through wide arches, were the parlors; that to the right for ladies, the one to the left for gentlemen. The ladies' parlor was artistically furnished in light rattan furniture. Two writing desks contained stationery for the visitor, and an upright piano, generously loaned by the Chase



Bros. Piano Company, of Muskegon, afforded pleasure to the musician. The decoration of the room was a soft yellow, and it was hung with white lace curtains. The gentlemen's parlor was furnished in heavy mahogany and leather furniture. The walls were tinted a light green and the hangings were white.

In the hall, the furniture was of waxed golden oak, with the exception of the tall grandfather's clock in mahogany. A massive fire-place and log here gave an air of comfort to the entire floor.

The Secretary's office, the postoffice, the check room and two toilet rooms completed the lower floor.

At the rear of the hall, a flight of stairs rose to the second floor, separating from a landing to the right and left of the hall. A large arched window, hung in red, flooded the whole building with light.

Above, on the second floor, the hall was spacious and furnished in old Flemish oak. On the right was the writing room, furnished in mahogany, and on the left the Commissioners' room, containing every convenience. Private apartments for the Secretary and his assistants were located on either side of the building on this floor.

For the decoration of the building, the Commission was indebted to many Michigan artists, who, at the solicitation of Mr. A. H. Griffith freely loaned their work to beautify the structure. The following is a list of the paintings hung on its walls. Their artistic arrangement was the work of Mr. Will Howe Foote, of Bronxville, New York, formerly of Grand Rapids:

#### EAST ROOM.

1. On the River at St. Vincent, near Paris.—George C. Funk, 352 Fort street East, Detroit, Mich.
2. Setting a Diamond.—W. B. Conly.
3. Grace and Lorna.—L. C. Smith, Detroit, Mich.
4. Shallow Water.—M. Alten, Grand Rapids, Mich.
5. Portrait.—Percy Ives, Detroit, Mich.
6. Lady in Yellow.—F. P. Paulus.
7. Portrait.—Percy Ives, Detroit, Mich.
8. Autumn Glow, France.—Will Howe Foote, Lawrence Park, Bronxville, N. Y.

## WEST ROOM.

9. Nasturtiums.—Harriet N. Leonard, Studio 6, Adams avenue, Detroit, Mich.
10. Study.—May C. Wyman, 216 Linden street, Big Rapids, Mich.
11. Roses.—M. Alten, Grand Rapids, Mich.
12. A Lady in Pink.—F. P. Paulus, Detroit, Mich.
13. A Hollander.—F. C. Frieseke, Owosso, Mich.
14. Church in Katwyck, Holland.—F. C. Frieseke, Owosso, Mich.
15. Rainy Day, Paris.—F. C. Frieseke, Owosso, Mich.
16. On the River Shore.—W. F. Dow, Detroit, Mich.

## HALL.

17. Lobster (Still Life Study).—Jeanette Guyse, Detroit, Mich.
18. Still Life.—May C. Wyman, 216 Linden street, Big Rapids, Mich.
19. A Bit of River.—George C. Funk, 352 Fort street East, Detroit, Mich.
20. A Bit of Moret.—George C. Funk, 352 Fort street East, Detroit, Mich.
21. Game, Fox Squirrel.—J. D. Molasky.
22. Night's Peace.—Will Howe Foote, Lawrence Park, Bronxville, N. Y.
23. Normandy Bull.—Wm. H. Howe, Lawrence Park, Bronxville, N. Y.

## STAIRS, LEFT.

24. Pear Tree.—W. B. Conley.
25. On the Banks.—R. Hopkins, 8 Wethersall street, Detroit, Mich.
26. Moonlight.—Wm. H. Howe, Lawrence Park, Bronxville, N. Y.
27. Prof. Putnam, Portrait.—Miss Hilda Lodeman, Ypsilanti, Mich.
28. Michigan Central Slip.—R. Hopkins.
29. Tired Out.—Myron Barlow, Detroit, Mich.
30. Feeding the Chickens.—I. Marie Perrault, 419 Second avenue, Baraboo, Wis.
31. April Day.—M. Alten, Grand Rapids, Mich.
32. On the Detroit River.—Mary McMaster, Detroit, Mich.
33. October, Grosse Isle.—W. F. Dowe, Detroit, Mich.
34. A Simple Meal.—I. Marie Perrault, 419 Second avenue Baraboo, Wis.
35. Evening at Moret.—George C. Funk, 352 Fort street East, Detroit, Mich.
36. An Old Mill.—Mary McMaster, Detroit, Mich.
37. In the Orchard.—Jeanette Guyse, Detroit, Mich.
38. A Stitch in Time.—L. C. Smith, Detroit, Mich.
39. On the Beach, Bass Rock.—Harriet N. Leonard, Adams avenue West, Detroit, Mich.
40. The Confidants.—Jeanette Guyse, Detroit, Mich.
41. On the Fishing Grounds.—R. Hopkins.
42. M. Alten.
43. Sun Fish (Still Life).—J. D. Molasky.
44. Ohio Partridge.—J. D. Molasky.
45. Pan of Apples.—W. B. Conley.
46. Trout.—R. Porteous, Manistee, Mich.
47. Trout.—R. Porteous, Manistee, Mich.

In addition to these, the following photographs were loaned to the Commission:

Mackinae Island views, by Mackinae Island Park Commission.  
Mackinae Island, by Planter's Hotel, St. Louis.  
Detroit and Cleveland steamers, by D. & C. Co.  
Northland steamer, by Northwest Steamship Co.  
Alma Sanitarium.  
Battle Creek Sanitarium.  
Oak Grove Hospital, Flint, Mich.  
St. Clair Hotel, St. Clair, Mich.  
Photographs of deer, by Hon. Peter White.

These paintings were entered in the Art Exhibit of the Exposition, and were passed upon by the Committee on Awards.

Mr. Percy Ives received an honorable mention for his picture, No. 5; Mr. William Howe a silver medal on his collection; and Mr. Will Howe Foote an honorable mention on his picture entitled "Night's Peace," No. 22.

The Commission desires to acknowledge its indebtedness to Mr. A. H. Griffith, director of the Detroit Art Museum, whose generous efforts secured many of the foregoing contributions, and to Mr. Will Howe Foote, who so ably seconded the efforts of Commissioner E. H. Foote to make this portion of the exhibit a success.

The Commission is especially indebted to the following firms and persons for their generous contributions towards the furnishings of the Michigan Building:

Grand Rapids Chair Co., Grand Rapids.  
Michigan Chair Co., Grand Rapids.  
Phoenix Furniture Co., Grand Rapids.  
Grand Rapids Clock & Mantel Co., Grand Rapids.  
Mueller & Slack, Grand Rapids.  
House of Correction, J. H. McDonell, superintendent, Detroit.  
Nelson Matter & Co., Grand Rapids.  
Brass & Iron Bed Co., Grand Rapids.  
Hall Bros. Manufacturing Co., Belding.  
Paine Bedding Co., Grand Rapids.

It is with especial pleasure that the Commission tenders its acknowledgments and thanks to the furniture manufacturers of Grand Rapids. Their support of the exhibit and the State interests was spontaneous and generous. Through their assistance it was possible to furnish the State Building at a slight cost, but in a manner suited to its architectural beauty and far superior to the majority of State and foreign buildings. Every Michigan citizen who entered the building had reason to be proud of this branch of Michigan's industry.

The popularity of the building is attested by the fact that upwards of thirty-five thousand Michigan people registered there during the period of the Exposition, and it was estimated that five hundred thousand visitors made use of its comforts.

Miss Minnie Conger, of Litchfield, acted as matron of the building during the entire season. Much of its popularity is due to her careful attention to the wants of the visitors. Mr. Harry M. Robins, of Whitmore Lake, was superintendent of the check room and looked after the belongings and needs of Michigan people with never-failing courtesy. Mr. S. A. Williams, of Detroit, held the position of janitor, and was an efficient and popular member of the staff. Mr. Robert N. Wallace, of Bay Port, as messenger, assisted in the general care of the building and was especially commended for his close attention to the desires of visitors.

### DEDICATION DAY.

Messrs. Vinton & Company, of Detroit, to whom the contract was awarded for the erection of the Michigan Building, worked with such earnestness and dispatch that within six weeks from the driving of the first stake the building was ready for occupancy; a record unequaled in the construction of any of the buildings at the Exposition. It was therefore possible for Michigan to be the first State to publicly dedicate its contribution

to the Court of State Buildings. On the first day of June, the Secretary and his assistants arrived in Buffalo, and on the tenth the building was complete in all its details, ready for the inspection of the public.

The program of dedication ceremonies, as carried out in the building on that morning, was simple and interesting. They were attended by the Governor, a large body of prominent citizens of Michigan, and many of the chief officials of the Exposition, and representatives of the other states of North and South America.

Mr. G. J. Vinton was introduced by President George H. Barbour of the Commission, who spoke briefly of the work of that body.

Mr. Vinton, with appropriate remarks, delivered to Mr. Barbour the keys to the building. He commented upon the fact that the Michigan Building was erected by Michigan labor and of Michigan material.

Mr. Barbour in turn delivered the keys to Governor Bliss, who spoke briefly on the meaning of the Exposition to Michigan interests.

Mr. W. I. Buchanan, Director General of the Exposition, was the next speaker. He referred to the work of Michigan, her interests, exhibits, and magnificent building, and the generous support of Michigan to the Buffalo enterprise.

Hon. Washington Gardner, of Albion, followed Mr. Buchanan in a brilliant address on the Pan-American Exposition and Michigan, which was received with hearty applause.

The regular ceremonies having been concluded, a light luncheon was served in the upper hall to all guests.

## MICHIGAN DAY.

Prior to the opening of the Exposition, August 20 had been selected by the Commission and the Exposition authorities as Michigan Day, and from the time of the opening of the building every effort was made to make this day a distinct success. Thousands of Michigan people availed themselves of the opportunity to visit the Pan-American Exposition on this day, and the attendance exceeded that of any other State day except New York Day. Governor A. T. Bliss, with his staff, was present, and hosts of prominent citizens took part in the celebration. The official party, escorted by the Mayor of Buffalo and the Sixty-fifth Regiment band, proceeded at 11 o'clock from the the Michigan Building to the Temple of Music. Here the large audience was called to order by President George H. Barbour who, in behalf of the Commission, spoke on the work of Michigan at the Exposition. Concluding, he introduced Governor A. T. Bliss as chairman of the day. Governor Bliss, on accepting the chair, addressed the audience, commenting on the growth of Michigan and the multitude and magnitude of the interests she represented. He introduced Mayor Diehl, of Buffalo, who responded in behalf of the City of Buffalo, and Hon. Herbert P. Bissell, of Buffalo, who responded for the Pan-American Exposition. The following gentlemen then spoke:

Hon. W. C. Maybury, Detroit; Hon. G. J. Diekema, Holland; General H. M. Duffield, Detroit; Hal H. Smith, Ionia.

Miss Lizzie Emery, of Detroit, sang three patriotic selections, and Mr. Homer Warren, of Detroit, the "Sword of Bunker Hill."

At the conclusion of the ceremonies, the invited guests repaired to the Plaza restaurant, where luncheon was served. Several of the distinguished guests here spoke briefly on the Exposition and on Michigan.

In the evening a reception was held at the Michigan Building

and light refreshments were served. The building was crowded by the many visitors, who greeted Governor Bliss, his staff and the Commission. The Grand Rapids Newsboys' band was present and delighted all with its music.

At the conclusion of the reception, the official party attended the display of fireworks, where special features were given in honor of Governor Bliss.

### DETROIT DAY.

The friendly relations between the cities of Buffalo and Detroit, and the great interest of Detroit in the Buffalo Exposition, led to the celebration of Detroit Day on Wednesday, October 16, 1901. A liberal number of the citizens of Detroit attended, and appropriate exercises were held in the Temple of Music.

### EXHIBITS.

#### AGRICULTURE.

The preparation of the exhibits of agriculture and horticulture were delegated to Commissioner M. T. Cole. He engaged as his assistant Mr. A. W. Jewett, who early in the year began the collection of the materials. His efforts were generously seconded by the Michigan Agricultural College, the Michigan Millers' Association, the Brown Seed Company of Grand Rapids, D. M. Ferry & Company of Detroit, the Dunkley Company of Kalamazoo, the Michigan Seed Company of South Haven, and many other prominent Michigan concerns interested in this branch of Michigan industries. Rikerd & Company, of Lansing, erected a large and imposing booth for this exhibit, and the opening of the Exposition saw Michigan well represented.

Mr. Jewett continued as superintendent of this exhibit until August 3. He was assisted by Mrs. H. R. Clark, of Adrian, and Miss Florence Cole, of Palmyra. On this date Commissioner Cole assumed active charge, assisted by Mrs. H. R. Clark, and the exhibit of agriculture was under their immediate supervision throughout the remainder of the Exposition.

A large display was made of every agricultural product of the State. Grains in the stalk and grasses of every description covered the walls of the booth. Samples of all Michigan grains and seeds were shown on the shelves. As the season progressed, fresh samples of potatoes and every kind of vegetable were procured. A magnificent display of Michigan celery was for a long time the feature of the building. The agricultural interests in every portion of the State responded generously to the call, and the high standard of this exhibit is shown by the many awards it received.

Under this department was also made the exhibit of sugar beets and their products, prepared under the supervision of Superintendent George E. Rowe, of the Michigan Horticultural Exhibit.

A separate booth was fitted up for the installation of this exhibit. Original imported beet sugar seed; home-grown seed; comparing favorably to the imported variety; beets from various parts of the State, analysing from fourteen and one-half to fifteen and one-half per cent sugar running from eighty-five to ninety per cent in purity; the green syrup, green sugar, perfected sugar, the by-product and confectionery, all were shown in this display. Hundreds of pounds of candies, made from Michigan beet sugar, were distributed to the public during the week devoted to the sugar beet interests. The exhibit was highly complimented and attracted much attention. It was awarded a gold medal on the home-grown seed, the beets, sugar in process, perfected sugar and confectionery, the only gold medal awarded to a beet sugar general display.

The following awards were made on the Michigan exhibits in the Agricultural Department:



## GOLD MEDALS.

- Michigan State Commission.—Collection of grain in stalk. Collective exhibit of agricultural products.
- Michigan State Commission.—Collective exhibit of corn.
- Michigan State Commission.—Collective exhibit of sugar beets.
- Alfred J. Brown & Co., Grand Rapids.—Peas and beans.
- Michigan State Commission.—Collective exhibit of celery.
- D. M. Ferry, Detroit.—Seeds.
- Michigan State Commission.—Collective exhibit of potatoes.
- Michigan Carbon Works.—Gelatin and products.
- Michigan Milling Co., Ann Arbor.—Field and garden seeds.
- Michigan Agricultural College.—Seeds and grains.
- Michigan State Commission.—Collective exhibit of vegetables.

## BRONZE MEDAL.

- Michigan Millers' Association, Lansing.—Flour.

## HORTICULTURE.

Owing to the lateness of the appropriation made for the work of the Commission, it was found impracticable to make an early exhibit of the horticultural products of the State. This exhibit was under the charge of Commissioner Cole, of Palmyra, assisted by Miss Florence Cole and Mr. E. W. Allis, of Palmyra.

On the third day of August, Mr. George E. Rowe, of Grand Rapids, was appointed superintendent in sole charge, with Mr. Fred N. Rowe as his assistant. Mr. L. W. Jenks later succeeded Mr. Fred Rowe.

In this department was exhibited a complete variety of Michigan's fruits. The exhibit was replenished daily, and fresh samples of Michigan berries and peaches and general fruits were continually kept on hand.

The thanks of the Commission are due to Mr. Rowe for his conscientious and able work. The exhibit under his care was one of the features of the Horticultural Building, and won many praises for its completeness and originality.

The following is a list of the exhibitors in this department :

Agricultural College, Lansing.	Hunter, L. E., South Lyon.
Ansley, Frank, Whitneyville.	Hunt & Sons, Saranac.
Arnold, Henry, Jamestown.	Judson, C. C., Benzonia.
Bailey, S. S., Paris, Kent County.	Kalla, Peter, South Haven.
Bassett, C. E., Fenwick.	Kneeland, C. J., Traverse City.
Bedford, J. W., Cushing.	Maynard & Reed, Grand Rapids.
Benham, Fred M., Dimondale.	Michigan Nursery Co., Monroe.
Berg, J. P. Traverse City.	Michigan Experiment Sub-station, South Haven.
Blair, Louis, Grand Rapids.	Morrill, Roland, Benton Harbor.
Bowerman, William, Palmyra.	Munson, W. K., Grand Rapids.
Bradish, Frank, Madison.	Northrup, S., Beulah.
Bronson, Rufus, South Haven.	Osgood, Frank, Benzonia.
Brown, E. E., Grand Rapids.	Packard, A. R., Covert.
Carter, G. B., Adrian.	Phillips, William, Grand Rapids.
Chatfield, Henry, South Haven.	Pitts, G. B., Benzonia.
Cheeseboro, Frank, South Haven.	Post, L. J., Lowell.
Coates, E. C., Beulah.	Quade, S. J., Benton Harbor.
Dickerman, Mrs. J. W., Bolan.	Rauch, E. C., Monroe.
Sovels, P., South Frankfort.	Rose, Paul, South Frankfort.
Eyres, Charles, Adrian.	Rowe, George E., Grand Rapids.
Everetts, H. C., Dansville.	Shibley, W. S., South Haven.
Freeman, Joseph, Owosso.	Small, S., Benzonia.
Fulton, L. H., South Haven.	Smith, Robert, Frankfort.
Gaul, Theodore S., Ionia.	Smith, W. S., Muir.
Gaylord, F., Adrian.	Spinney & Son, South Haven.
Gebhardt, B., Hart.	Stevens, W. S., Grand Rapids.
Graham Brothers, Grand Rapids.	Wadsworth, E. L., Fennville.
Greaning Brothers, Monroe.	West Michigan Nursery Co., Benton Harbor.
Grouhling, Fred, Adrian.	Wilson, A. A., Grand Rapids.
Hall, L. E., & Son, Ionia.	Wilson, William, Benzonia.
Halstead, Harvey, North Farmington.	Van Deman, J. W., Benzonia.
Hartman, E. A., South Haven.	Vorheis, W. S., South Frankfort.
Hill, Amos, Grand Rapids.	
Hopkins, H. L., Benzonia.	
Howard, J. H., South Frankfort.	

In this department the Dunkley Company, of Kalamazoo, exhibited a large collection of canned fruit, and the Agricultural College contributed cases of models of fruit.

A. M. Todd, of Kalamazoo, also exhibited one bottle each of the following essential oils: Peppermint—Crystal White,

refined; Rose Mitcham, refined; Rose of Campania, refined; English (Michigan grown), natural. Erigeron, natural. Tansy, natural. Wormwood. Sweet Birch, natural. Sassafras. Camp-tion. Golden Rod. True Wintergreen. Menthol. Oleo Resin. Agowan Seeds.

The following awards were made on the Michigan exhibits in the Horticultural Department:

Ten gold medals, as follows:

Kent County, for general display of peaches, apples, plums and pears.

West Michigan Nurseries, for general display of peaches and plums.

Michigan Experiment Sub-station at South Haven, for display of valuable fruits under experiment.

Frank Ainsley, of Whitneyville, Kent County, for display of Alberta peaches.

Paul Rose, for general display of cherries.

John W. Van Deman, for general display of fruit, continuing through the season.

Benzie County, for display of apples.

M. F. Bergot, of Belmont, for display of peaches.

George E. Rowe, of Grand Rapids, as collaborator of the general Michigan exhibit.

George E. Rowe, superintendent, installation of exhibit, Michigan design filled with fruit.

Six silver medals were awarded to individuals in different parts of the State for general display of fruit.

#### MINES AND MINING.

The Mining Department of the Michigan exhibit was, by a vote of the Commission, assigned to Commissioner James R. Dee, of Houghton. He employed as superintendent Mr. Irving J. Shields, of Hancock, who in March, 1901, began the collection of the exhibit. He was aided in his efforts by Prof. Seaman, of the Michigan College of Mines, whose generous and enthusiastic efforts did much to make the exhibit a distinct success.

Contributions of specimens of copper and iron were solicited from the many private collections of the Northern Peninsula, and were freely and gladly given. The Commission was, there-

fore, able to present a complete and valuable collection of the product of the extensive interests of this section of the State.

The exhibit was in charge of Mr. Irving J. Shields, superintendent, and Mr. Sidney S. Lang, of Houghton, assistant superintendent, who gave careful and courteous attention to Michigan interests.

The Calumet & Hecla mine made a separate exhibit in conjunction with the State exhibit, erecting a mass of copper weighing twenty-seven tons, which attracted much attention.

An interesting exhibit was also made of the various processes of reducing the ore. The ore, as it came from the mine, was exhibited, with specimens from each stage of its reduction to the finished product.

The Michigan College of Mines contributed, among other things, a standard filled with views of the college and the mines, and also furnished many rare and valuable specimens.

The L'Anse Brown Stone Company, of L'Anse, contributed a large and fine display of building stone, which was erected on the north front of the Mining Building, and was one of the features of that display. Its form was that of a massive arch, flanked by two urns. Of fine color and grain, the stone made a magnificent addition to the exhibit. It received a silver medal, and at the close of the Exposition was generously donated to the Park Commission of the City of Detroit and was by them erected as a water fountain in Belle Isle Park.

The following is a list of the exhibits and contributors in this department:

#### COPPER.

- Calumet & Hecla Mining Co. Cast copper, milled copper and rock.
- Tamarack Mining Co. Milled copper and rock.
- Osceola Mining Co. Milled copper and rock.
- Quincy Mining Co. Milled copper and rock.
- Franklin Mining Co. Milled copper and rock.
- Wolverine Mining Co. Milled copper and rock.
- Arcadian Mining Co. Milled copper and rock.
- Franklin Junior Mining Co. Milled copper and rock.
- Mass Consolidated Mining Co. Mass copper (3,400 pounds).
- Trimountain Mining Co. Mass copper (specimens).

## IRON.

Lake Superior Iron Co., Ishpeming. Iron ores and geological specimens.

Cleveland Cliffs Iron Co., Ishpeming. Iron ores and photographs.

Cundy Iron Co., Quinesec. Iron ores.

Champion Iron Co., Beacon. Iron ores.

Other mines represented:

Arragon, Negaunee, Jackson, New Port, Norris, Ashland.

Iron ranges represented:

Menominee, Marquette, Gogebic, Crystal Falls.

## STONE.

L'Anse Brown Stone Co., Chicago (quarries at L'Anse, Mich.). Exhibit of variegated sandstone.

Portage Entry Sandstone Co., Jacobsville, Mich. Exhibit of rain-drop, variegated and red sandstone.

## GRAPHITE.

Hathaway Manufacturing Co., L'Anse, Mich. Exhibit of native and crushed graphite.

## PHOTOGRAPHS.

Childs' Art Gallery, Ishpeming, C. D. Cole, manager. Exhibit of mining views, iron mines.

A. Isler, Calumet. Exhibit of mining views, copper mines.

Michigan College of Mines, Houghton. Mining views.

## BOOKS.

Horace J. Stevens. Copper Hand-book.

## LOAN COLLECTIONS.

*Iron and Associated Minerals.*

Michigan College of Mines. (80) Iron, manganese, barite, calcite, quartz, pyrite.

William Kelly, Vulcan, Mich. (19) Calcite, quartz, pyrite.

George Curry, Ironwood. (5) Hematite.

J. H. McLean, Houghton. (4) Iron ore specimens.

August Anderson. (1) Iron ore specimen.

John Mandley, Ishpeming. (2) Large iron ore specimens.

*Copper and Associated Minerals.*

Michigan College of Mines. (25) Copper, silver, calcite, cuprite, etc.

Col. J. N. Cox, Calumet. (18) Copper, silver, calcite.

J. T. Reeder, Calumet. (12) Copper, silver, powellite.

J. H. Lathrop, Calumet. (20) Copper, silver, calcite, and datolite.

- Capt. Fred Smith. (12) Copper, silver, cuprite and mohawkite.  
 Silvert Oleson. (4) Copper and silver.  
 Capt. Richard Edwards, Osceola. (18) Copper, silver and calcite.  
 B. F. Choynoeth, Houghton. (15) Copper, cuprite and calcite, and float copper.  
 Johnson Vivian, Houghton. (21) Copper and calcite.  
 Robert L. Edwards, Houghton. (8) Copper, silver and calcite.  
 Matt Haug, Houghton. Souvenir copper specimen.  
 J. C. Shields, Hancock. (8) Copper specimens.  
 H. L. Baer, Hancock. (3) Copper specimens.

## INDIAN RELICS.

- Col. J. N. Cox, Calumet. Indian hammer.  
 Michigan College of Mines. Indian hammer.  
 Michigan College of Mines. Indian knives and axes (made of copper).

The following medals were awarded in this department:

- Michigan Commission, general collection. Silver medal.  
 Calumet & Hecla mine, cast copper. Gold medal.  
 L'Anse Brown Stone Company, brown stone. Silver medal.  
 Michigan College of Mines, minerals. Silver medal.

## DAIRY.

A dairy exhibit, under the general head of Agricultural Department, was maintained through the greater part of the season.

The following is a list of the exhibitors to whom diplomas were awarded:

	Score.
Guy Mixer, Williamston. Creamery butter.....	95.75
D. A. Johnson, Augusta. Creamery butter.....	94.50
Robt. J. Darling, Watervilleit. Creamery butter.....	94.50
Jas. H. Moore, Vassar. Creamery butter.....	95.25
Woodland Creamery Co., Woodland. Creamery butter.....	95.00
H. A. Shellenberger, Chesterfield. Creamery butter.....	95.00
Jas. J. Savage, Belleville. Creamery butter.....	94.00
W. A. Webber, Lyons. Creamery butter.....	94.50
P. D. Long, Fisher Station. Creamery butter.....	94.75
A. B. Graham, Adrian. Creamery butter.....	94.50

Report of the Treasurer, showing detailed receipts and expenditures for entire period from February 4, 1901, to January 31, 1902, by The Michigan State Commission to the Pan-American Exposition:

## FINANCIAL REPORT.

## RECEIPTS.

Legislative appropriation .....	\$43,000 00
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## EXPENDITURES.

Construction of building .....	\$10,000 00
Furniture and sundries .....	3,424 29
Gas .....	32 00
Ice .....	76 01
Cartage and express .....	58 64
Repairs .....	57 73
Laundry .....	165 08
Telephone .....	25 20
Janitress .....	181 21
Telegrams .....	62 04
Car fare .....	23 15
Utensils and supplies .....	371 21
Sod .....	30 38
Register books .....	38 45
Insurance .....	240 00
Electric lighting .....	302 95
Entertainment .....	276 51
Salaries, employes of building .....	1,550 55
Postage .....	299 83
Stenographers .....	619 01
Michigan Day expenses .....	1,190 35
Dedication Day expenses .....	141 90
Printing and stationery .....	676 13
Packing and removal .....	356 68
Secretary's salary and expenses .....	2,043 05
Agricultural, Horticultural and Dairy—	
Exhibits .....	\$3,537 82
Salaries .....	1,968 35
	<hr/>
	5,506 17
Mines and Mining, exhibits and salaries .....	2,665 26
Commissioners expenses and per diem—	
Commissioner Dee .....	154 20
Commissioner Foote .....	416 45
Commissioner Wallace .....	365 67
Commissioner Barbour .....	278 57
Commissioner Diekema .....	62 15
Commissioner Cole .....	1,031 85
Governor Bliss .....	88 00
Printing and distributing report .....	254 50
	<hr/>
Total .....	33,065 17

## THE PAN-AMERICAN EXPOSITION COMMISSION.

Balance unexpended .....		\$9,934 83
Receipts from sale of property—		
State Building.....	\$500 00	
Furniture .....	187 19	
Booth, Agriculture and Horticulture.....	92 86	
Dairy exhibit .....	52 17	
	<hr/>	
Total .....		832 22
		<hr/>
Net balance paid to State Treasurer.....		\$10,767 05

Respectfully submitted,

HAL H. SMITH,

Secretary.