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# STATE OF MISSOURI

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AT THE

# WORLD'S FAIR

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ST. LOUIS, MISSOURI, U. S. A.  
1904.



THE MISSOURI STATE BUILDING

## GUIDE TO MISSOURI EXHIBITS

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ISSUED BY THE MISSOURI COMMISSION  
TO THE  
LOUISIANA PURCHASE EXPOSITION.

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# Missouri at the World's Fair.

The Missouri Commission to the Louisiana Purchase Exposition appointed by A. M. Dockery, Governor:

M. T. Davis, President.  
F. J. Moss, Vice-President.  
B. H. Bonfoey, Secretary.  
J. H. Hawthorne, Treasurer.  
L. F. Parker.  
J. O. Allison.  
D. P. Stroup.  
N. H. Gentry.  
W. H. Marshall.

## THE MISSOURI STATE BUILDING.

The Missouri State Building, costing furnished \$250,000, is the largest and finest State building erected at any World's Fair. Upon the gilded dome a statue "The Spirit of Missouri," suggests greeting, while over the main entrance is this welcome: "Embracing within her confines all the elements of an empire devoted to all the arts and sciences that advance civilization, Missouri, the central State of the Louisiana Purchase, greets her sister States and welcomes the world." The keynotes of the building are public comfort, social enjoyment and culture. The structure is warmed by steam in cold weather and cooled by refrigeration in warm weather. It is 311 feet 6 inches in length, excluding steps (9 feet 9 inches) at either end. It is 166 feet 8 inches, greatest depth, north and south, excluding steps and landing. Including steps the building measures 330x178 feet 9½ inches. It is a temporary structure. In the State Hall, 50x75 feet, is an auditorium where conventions of various organizations are held. In the rotunda, 76x76 feet, is a beautiful electric fountain. Here may also be found the register in which all visitors are invited to inscribe their names. Two large exhibit halls, the East and the West hall, are appropriately furnished. In the West hall is a display of paintings by Missouri artists and the ship bell cast in bronze for the battleship Missouri and presented to it by the peo-

ple of the State. In the East hall is a model public library with 10,000 volumes; 1,500 volumes by Missouri authors and a bound volume of every Missouri newspaper from the collection of the State Historical Society at Columbia. Here is distributed without charge the Missouri volume. Between the two halls will be found the offices of the Commission, Governor's Suite, Ladies' Parlor, Men's Parlor, Press Room, Dutch Room, Japanese Room, Commissioners' Suite and other apartments beautifully furnished, carpeted and draped. The approaches and elevations of the building are adorned with sculpture by the best American sculptors. At either side of the main entrance are heroic statues of Jefferson and Napoleon. The names of twelve great Missourians, Thomas Hart Benton, Francis P. Blair, B. Gratz Brown, David R. Atchison, David Barton, Meriwether Lewis, Edward Bates, Lewis F. Linn, Louis V. Bogy, Aylett H. Buckner, John S. Phelps and James S. Green, are inscribed upon the building. Concerts are held daily at 10 a. m. and 2:30 p. m. There are rest rooms, toilet rooms and all conveniences for public comfort. All the privileges of the building are absolutely free to all visitors.

## **WHERE MISSOURI EXHIBITS MAY BE FOUND.**

Missouri has State exhibits in every building, in which under the Exposition rules, it is possible for a State to make an exhibit. In the other buildings Missourians have made individual exhibits, so that in every exhibit palace the State is represented. State exhibits are made in the Palaces of Agriculture, Horticulture, Mines and Metallurgy, Varied Industries, Manufactures, Education and Social Economy, beside outdoor exhibits. Individual exhibits are in the Palaces of Liberal Arts, Transportation, Machinery, Electricity and Fine Arts.

## **AGRICULTURE.**

J. O. Allison, Commissioner.

H. J. Waters, Superintendent.

Missouri's display in agriculture is located in the Agriculture Palace, at the grand (east) entrance, on Sections 78, 64, 65, 66 and 49. In the same building are the Missouri exhibit

in dairying, Section 39, and the Missouri exhibit of the St. Joseph Stockyards, Section 71.

The **DISPLAY IN AGRICULTURE** covers 25,320 square feet and includes exhibits from each of the 114 counties in the State. It is surrounded by a beautiful facade constructed entirely of Missouri agricultural products. Features of the exhibit are: Two corn towers, white and yellow, 38 feet high; the Louisiana Purchase Monument made of corn, 45 feet high, the Louisiana Purchase flag and the flag of the United States, both made of corn; pictures of agricultural scenes forming a frieze around the entire exhibit, showing the progress of agriculture from the earliest times until the present day, all made of Missouri grain and other Missouri farm products, without artificial coloring; large grain picture, 35x15 feet, showing typical Missouri farm scene with its comfortable farm house, commodious barn, fine live stock, grain fields, orchards and good roads; grain picture, 30x15 feet, reproduced from photograph showing a 6,000-acre corn field with enough cultivators at work to cultivate 1,000 acres a day; grass and forage plants grown in the State; exhibits of every Missouri agricultural product.

In the **CORN PAVILION** (Block 49) a palace 60 feet high and 40 feet square built entirely of Missouri corn. All decorations are made of corn, wheat, grasses and other Missouri farm products. In display there are shown 3,000 bushels of Missouri corn of the most famous and finest representative varieties, together with specimens of all that agriculture produces in Missouri, which means every farm product, except the purely tropical, all of matchless quality and unsurpassed size.

Recognizing the overshadowing importance of agriculture in Missouri, the Missouri Commission is expending \$100,000 upon the exhibit in agriculture.

## **DAIRYING.**

D. P. Stroup, Commissioner.

W. W. Marple, Superintendent.

The Missouri Dairy exhibit is located in Space 39 of the Palace of Agriculture, in the southeast corner of the refrigerator case, which contains all butter exhibits. Here Missouri dairy products are shown. Its central feature is a statue, in butter, of a cow standing on a base upon which are the words "Missouri Mortgage Lifter." The old and the new



methods in dairying are represented. Photographs and records of dairy cows and herds and statistics are shown. In the cheese space Missouri shows a cheese 7 feet in diameter with a life-size cow in relief upon it.

## EDUCATION.

J. H. Hawthorne, Commissioner.

G. V. Buchanan, Superintendent.

The Missouri exhibits in Education are in the Palace of Education, directly in front of the main entrance. The exhibit is divided into three sections; the general State exhibit, the exhibit of the City of St. Louis, and the exhibit of the University of Missouri. The whole exhibit covers nearly 10,000 square feet. The general plan of the State exhibit is composite. The school work from the various parts of the State is arranged in thirteen compartments representing the kindergarten and the twelve grades or years of the State School course. The labeling and all pictures decorating the facade of the exhibit are suggestive of the age and development of pupils in these various grades of the Missouri schools. All bound work is arranged by grades or years of work and by counties and volumes labeled accordingly. To find the work of any pupils one needs to know only his name, grade or year in the State course of twelve years and the initial of his county, and the work can be found in one minute. The facade of the exhibit is elaborate, consisting of a series of Roman arches with numerous open panels and discs, upon which nearly four hundred transparencies of school houses, school scenes and leading educators appear. All transparencies, except those of the educators, are so arranged as to tell something of the nature or grade of the work within the adjacent booth. In this section the latest method of showing school work is presented by the biogen, or moving picture, and phonograph machines.

The **STATE UNIVERSITY** section, in addition to a comprehensive exhibit of the work of that institution, includes the original monument from the grave of Thomas Jefferson and a striking detail model of the University grounds and buildings.

In **SOCIAL ECONOMY** exhibit in the same building Missouri shows exhibits of the various State eleemosynary institutions, the In-

dustrial Training School at Boonville, the School for the Blind at St. Louis and the School for the Deaf and Dumb at Fulton.

The **MISSOURI MODEL RURAL SCHOOL HOUSE**, 23x29 feet in size, is located elsewhere. See map.

The cost of the exhibit in Education is \$75,000, exclusive of \$25,000 expended by the City of St. Louis for its special exhibit.

## **FISH AND GAME.**

W. H. Marshall, Commissioner.

J. H. Ridgway, Superintendent.

In the Palace of Forestry, Fish and Game is found the Missouri exhibit in fish and game. This includes an indoor exhibit of Missouri food and game fish and wild animals of all varieties. In addition the State has provided an outdoor exhibit of both, a lake stocked with fish, cages with the various Missouri animals and a Hunters' Lodge or club house, with mounted specimens of fish and game and with all the paraphernalia for hunting and fishing expeditions. The outdoor exhibit is immediately west of the building. The Fish and Game exhibit requires the expenditure of \$12,500.

## **FORESTRY.**

W. H. Marshall, Commissioner.

T. P. Russell, Superintendent.

In the Palace of Forestry, Fish and Game is located the Missouri exhibit in Forestry. The commercial woods of the State are shown, a facade enclosing a space 30x106 feet. The space includes two booths, one devoted to gum, the other to other Missouri woods. The gum booth contains furniture of various kinds and carvings designed to show the uses of black, red and tupelo gum woods. In the other booth the yellow pine, white oak, cypress, hickory, cherry, pawpaw and other Missouri woods are shown. Hand-carved mantels, tables, chairs and other furniture illustrate the uses to which the various woods are adapted. The rapid growth of the catalpa is shown by specimens. In the south booth will be found a cherry tree stump 18 inches in diameter that grew on the grave of Moses

Austin, at Potosi, Missouri, founder of the capital of Texas. In the exhibit in Forestry \$12,500 is expended.

## HORTICULTURE.

B. H. Bonfoey, Commissioner.

L. A. Goodman, Superintendent.

The Horticultural exhibit is located at the main entrance to the Palace of Horticulture at the north end and occupies 6,600 square feet of space, known as Spaces 13, 27, 28, 29 and the east half of 10. The exhibit space is surrounded by arches and facades made of staff with designs of fruits and flowers intermingled, showing up beautifully with the various colored fruits on the tables. On Space 29, as the crowning center of the exhibit, is a pagoda with a small fountain at each end and a large center piece holding 12 large glass bowls filled with fruits. At and about the base are placed large jars filled with fruits of all kinds. At the entrance to the building may be seen three large arches, with the word "Missouri" in letters of gold above the arches, and in the center of Space 28 a large fountain with flowers and plants at the base representing a bit of lawn planting and effect. At each side of this main arch and entrance are large show cases filled with fresh fruits, while back of this are tables filled with fruits on plates, and back of this the office. The rest of the space is filled with special designs for fruits and flowers, and jars and tables and special show cases, some of the special features being 12 feet in height with fruits of all kinds on its different arms and branches. Around and about the exhibit close to the outer facade runs a miniature fruit train. This train, furnished by the Frisco Railroad, runs on an elliptical track 300 feet long and will be kept loaded with fruits of their season or with apples when no other fruits can be had. The rest of the tables will be filled with fruits of the season as they ripen or otherwise filled with apples when other fruits are not to be had. Strawberries and other berries, cherries, plums, peaches, pears and apples will each have their day or days of exhibition and a complete exhibit will be maintained for each. Special designs for the plates used, with the State seal in the center, and a large number of wire plates, so that fruit can be seen from all

sides and elevation, are features of the plate exhibit. Large plate glass mirrors to reflect the exhibits in multiple are used to give an interesting setting to all the fruits and jars, and also reflectors to duplicate the exhibit on the stands and plate mirrors to cover the tops of the tables. Upon this exhibit \$75,000 is expended.

## **KANSAS CITY MUNICIPAL EXHIBIT.**

This exhibits consists of a building with two wings, each 24x58 feet, and connected by an open court 62x67 feet, the building properly furnished, located in the Model City and known as the Kansas City Casino. In the Casino is a relief map showing Kansas City in detail, a map of the United States showing Kansas City's location with reference to the great productive region, railroad map, assembly room, rest room, library and decorations illustrating Kansas City. E. O. Wild is in charge.

## **LIVE STOCK.**

N. H. Gentry, Commissioner.

The plan for the awarding and distributing of cash prizes for Missouri live stock provides:

First, for the duplication of all cash prizes won by Missouri animals in competition with the world on horses, jacks and mules in Classes 1 to 18, inclusive, and in all the classes of cattle, hogs, sheep and goats, as embraced in the official classification of the Louisiana Purchase Exposition.

Second, State prizes amounting to \$50,000 upon classification of the chief of the Live Stock Department of the Louisiana Purchase Exposition, this classification and division to be submitted by Commissioner Gentry and approved by the Commission as soon as possible.

Third, the division of such balance of \$85,000 as remains unawarded by the above plan, such remaining sum not to exceed \$20,000, among all worthy animals on exhibition in the following proportion:

Horses, \$12 per head; cattle, \$10 per head; hogs, \$8 per head; sheep, \$6 per head; goats, \$4 per head.

Dates for live stock shows:

Horses Asses and Mules—August 22 to September 3, inclusive.

Cattle—September 12 to September 24, inclusive.

Sheep, swine and goats—October 3 to October 15, inclusive.

Exhibit near Agricultural entrance to grounds.

## **MINING.**

M. T. Davis, Commissioner.

G. E. Ladd, Superintendent.

The Missouri Mining exhibit is located in Blocks 50 and 60 of the Palace of Mines and Metallurgy. It shows the wealth of Missouri mineral resources. Among the features are a representation of an artesian well; brick terra cotta tile pavilion, collections of clays and clay products of many varieties, special exhibit of terra cotta and method of manufacture, special exhibit of fire clays and products, cement pagoda made of Missouri hydraulic cement, lime display, materials and photographs illustrating manufacture of hydraulic cement, double track elevated railway around entire space, with six miniature freight trains, each about 30 feet long, three trains to track, each train representing an important railroad system in the State, and cars loaded with Missouri's mineral products; moving train of 30 steel, mine, dump cars, loaded with different mineral products. These cars move on an elliptical track mostly beneath the floor, but appear for a distance of about 20 feet. Monumental base, carved from Carthage limestone for building stone cube display, one hundred dressed, 8-inch cubes, granites, porphyries, diabase, sandstone, limestone, marbles and onyx; pyramids of tables made from polished granite and marble; onyx stalactites; large pyramids of copper, iron, zinc and lead ore; collections of crystallized lead and zinc ores, manganese, copper and iron ores; red and yellow ochre; display of pig lead, pig iron, zinc spelter and copper; display of concentrates and mill machine products, from zinc and lead mills; massive baryta; display of tripoli and manufactured products; mussel shell-pearl products; display of waters from 75 mineral springs; glass sand and plate glass exhibit; massive display of coal in large blocks; section of

coal bed 76 feet thick, special collection of coal specimens, display of asphalt and products, moving display of 1,200 different Missouri mining views, photographs of mining scenes; large collection of crystals, large relief map of Missouri geological map and mine statistics; model concentrating mill occupying floor space 20x20 feet, in operation; model of coal tippie, occupying floor space 6x22 feet, in operation; magnetic separator in operation; chemical laboratory, operated, assay laboratory, display of shop-work products made by School of Mines students; display of chemical compounds made by students; records of professional work by graduates; specimens of mechanical drawing, by students; photographs (bromide enlargements) of school; diamond saw and rock section machine, in operation; with rock sections made by students; electrical, microscopical, projection apparatus, and complete "optical bank"; display of Missouri road-making materials with miniature sections of roads. The Missouri outdoor mining exhibit is located elsewhere. Upon the exhibits in mining \$75,000 is expended by Missouri.

## **OUTDOOR MINING EXHIBIT.**

The Missouri outdoor mining exhibit has for special features a complete 60-ton zinc and lead concentrating plant, in operation; pavilion for display of zinc and lead products, massive exhibit of ores, model of shot tower, and illustration of process of manufacturing babbitt metal and solder. Scotch hearth furnace, for smelting lead ore, in operation. School of Mines exhibit as part of State exhibit.

## **POULTRY.**

D. P. Stroup, Commissioner.

Henry Steinmesch, Superintendent.

The Missouri exhibit in Poultry will be shown October 24 to November 5, inclusive, in competition for cash prizes offered by the Louisiana Purchase Exposition and supplemented by the Missouri Commission.

The cost of the poultry exhibit, including prizes, is \$7,000.

Exhibit near Agricultural entrance to grounds.

## **PUBLICATION.**

F. J. Moss, Commissioner.

Walter Williams, Superintendent.

The Missouri Volume, a 600-page volume, profusely illustrated, bound in silk cloth, and descriptive of the history, resources and advantages of Missouri, is distributed free. Applications should be made at the office of the Department of Publication, in the East Hall.

Missouri periodicals and works of Missouri authors, found in the Blair Hall in Missouri State Building, form an exhibit made by the Missouri Commission. In their preparation the State Historical Society, at Columbia, assisted by taking care of the periodicals of 1903 that were contributed by their publishers and by adding to them the hundreds of periodicals received by the society. The collection includes not only the daily and weekly newspapers, but the magazines, the special trade journals, church and other religious publications, medical, law and college journals, the latter including the issues of the most of the colleges and schools maintaining publications of this kind.

The collection of works by Missouri authors includes some 1,150 volumes belonging to the State Historical Society, the most of which were a part of the Sampson collection of "Missouriana," donated by F. A. Sampson, to the society. To these have been added some 200 volumes contributed or loaned by the publishers and others.

## **MISSOURI MODEL RURAL SCHOOLHOUSE.**

School room 23x29 feet, lighted from one side, but with one high frosted window in the rear, basement wood furnace, wrap and toilet rooms and water supplied by force pump and air pressure tank; shown as specimen of Missouri school house, which can be built for \$1,200 or less. The building is fully equipped with desks, library and apparatus, ready for pupils. It contains a tablet showing exact cost of each item in its construction and equipment. It is part of Missouri Educational exhibit. Miss Catherine Cranmer is in charge.

## **ST. JOSEPH STOCKYARDS.**

The municipal exhibit of St. Joseph is in Block 71, south side of the Palace of Agriculture, and consists of miniature stockyards

and packing houses, one packing house in operation. There are also a wall map of St. Joseph and two biogen machines, showing St. Joseph street scenes.

## **WOMEN'S WORK.**

In the Palace of Manufactures, Block 22a, and in the Palace of Varied Industries, the vestibule of main entrance, are shown exhibits of Missouri women's work. Laces, embroideries, drawn work, quilting, crocheting and knitting are shown in the Palace of Manufactures, and painted china, water colors, oil and pastel, pyrography, tiles and pottery in the Palace of Varied Industries. Commissioner B. H. Bonfoey is in charge.

## **INTRAMURAL STATIONS NEAREST TO MISSOURI EXHIBITS.**

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Missouri Volume—Missouri State Building, East Hall.

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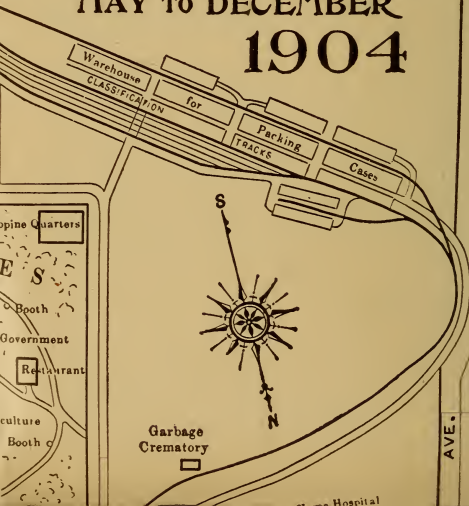
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CLAYTON

ROAD

# ST. LOUIS WORLD'S FAIR

LOUISIANA PURCHASE EXPOSITION  
MAY TO DECEMBER  
1904



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Alps





a.m.p., Dec. 6, 1901

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