

AND OFFICE OF SUPERINTENDEN



ONE OF THE PRINCIPAL AVENUES

RIVING out the beautiful avenue of Santa Fe, that practically begins at the Plaza San Martin, and after a due western extension of some 500 yards, bends to the northwest and follows roughly the course of the La Plata for a distance of three. miles (40 squares), the entrance to the Botanical garden of Buenos Aires is

reached. Beyond this lies the Zoological garden, and still farther on the far-famed Park of Palermo. From both of these the Botanical garden is distinct in spirit and style. It is the embodiment of a refined and artistic taste, a really marvelous blending of the beautiful and the useful.

In 1892 this land was granted the director general of the public parks, M. Thays, for the establishment of the Botanical garden and the garden was to the public in opened tember, 1898. One must know something of the soil and the seasons here to understand how, even with a masterly hand at the helm, such marvels have been accomplished in so short a time.

Certain students of medicine and pharmacy from the National college, and other schools of the city, frequent the garden and spend hours in interesting study. Indeed, they have a rich field from which to glean, as there are, in what is called the School of Botany, over 6,000 species, all perfectly classified according to the system of De Candolle.

The garden contains about 29 acres of ground, half of which is level, the other half very uneven and ending on the northern side in steep banks that overlook the street, Las Heras.

This street is named in honor of the hero is cooked and served in whose ashes were recently brought home from many ways. The bark is Chile, and received with such pomp and ceremony by his appreciative countrymen.

The entire area is triangular in form and is divided into 14 different sections, each plainly marked and devoted to the flora of a distinct region.

The three pronounced styles of gardening. which, in a comparatively small area might have produced an inharmonious effect, or at least a lack of unity, are so charmingly blended as to give, instead, the fine delight of variety.

The Garden Louis XIV. is, of course, the most pretentious bit; the "finished coquette," some one calls it, with its statues and fountains and its well-trimmed borders of box. It must not be inferred that the French garden is superficial (except as this is the usual characteristic of gardens), for there is, both in this and in the Roman garden, a whole history written for those who know how to read it.

To one not bent on special study and whose knowledge of the art of gardening, past and present, is limited, and who prefers a quiet walk to dress parade, the English garden, as it is called, appeals most strongly,

Not only are the two Americas royally represented, but Europe, Asia, Africa and Australia as well. These sections are separated by beautiful walks with exquisite curves and turns; here a magnificent tree, there a flowering shrub, everything in accordance with an artistic taste.

In the South American section, particularly of the Argentine Republic, the collection is wonderfully complete, and exceedingly varied and interesting, from the Anthurium of the north to the Fagus Antarcticus of the south-The tipa, a species of acacia, is chief of the ornamental trees; when properly cared for, it grows into a beautiful, shapely tree. The leaf is much like that of the locust, and the blossoms, though of the same form as the locust, are a brilliant yellow instead of white. The fame of this tree has gone abroad. One of Rio Janeiro's most beautiful avenues is, in part, adorned by tipas. France, too, now boasts some fine specimens. It grows in any soil, and its bark contains an insect poison that renders it invulnerable to these enemies.

The quebracho (ax-breaker) is a legumincus tree also, and is the most valuable and costly of the Argentine woods. Its color is a dark, rich red, and it is so hard and heavy that it s seems like iron. It is much used for all kinds of posts, also in tanning, and is highly prized by shipbuilders, as the water does not injure it.

Several varieties of the algarrobo grow here. In one province-San Luis-not only are the cattle fed on the long pods, but the poorer people find them a nourishing food.

The jacaranda is another ornamental tree much admired for its fern-like foliage and beautiful purple-blue flowers.

The mahogany tree is a native of the province of Buenos Aires, and there are several fine specimens in the garden, with the characteristic bifurcated leaf. The blossoms appear in December; they are white, and in form something like a small magnolia bloom.

The naracatia, from one of the northern provinces, attains great size and is of unusual service to the people. The pith is edible and

made into casks and barrels. As the tree sometimes has a diameter of more than a meter, one length of bark serves for a cask.

MEXICAN SECTION OF THE GARDEN

The paradise tree and the celba are great favorites; the former, on account of its rich purple flowers, the latter on account of its brilliant red ones. This is said to have been the favorite tree of Rosas.

There is a beautiful large tree from Misiones, the celtis tala, whose delicate leaves are very like smilax, just a shade darker and thicker. The really ugly tree of the garden is the

palo borracho (drunken stick), with a snapeless swelled trunk, covered with thorns, and having small, irregular branches. It is, however, very useful, as it furnishes a species of vegetable silk.

In the Tierra del Fuego section, or subsection, there is a most lovely araucaria, a fine dark green, except the tips of the branches, which are of a softer, lighter color. The leaves really seem a sort of developed thorn.

Of all the Argentine trees, the ombu is the most remarkable, with its thick, soft bark, its spongy wood, its dense foliage, and long clusters of white blossoms. It is of rapid growth and attains an enormous size. The soil here is too rich for it; so, in self-defense, its immense roots, after a few years, seek the surface. The older trees have numerous little tender branches that spring directly from this surface root and grow straight up through the thick branches, trying to reach the light. There is one in the garden, eight years old, with a height of 50 feet and a diameter of three. At about two feet above the ground the trunk divides into two smaller trunks, each sending off long, straight branches. Its roots are just beginning to appear. It is an ideal tree for a children's playground, with possibilities for climbing about and even for keeping house among its hospitable branches.

The section of acclimatization is very interesting. Here may be seen the result of assiduous efforts to cultivate various exotic as well indigenous plants. One very notable success has been that of the cultivation of the yerba mate of Paraguay. After a number of fruitless efforts M. Thays succeeded by the following method: The seeds were placed in water almost boiling hot; every six hours the hot water was renewed. This was kept up for four days; then the seeds, three in number, were pressed out of their little sheath and planted in a special soil, covered to a certain depth and kept constantly moist. Six months' time, and even a year in some instances, was needed for the sprouting. When the plants grew to be 21/2 inches high they were placed in separate pots; when 12 inches, they were planted in the garden, where some of them have now reached a height of 12 feet. What is particularly promising is that the seed from these plants will grow without any special preparation. There has been some discussion as to whether

this manner of germination is a modern idea or a rediscovery of the process used by the Jesuits, the secret of which they carried away with them when expelled from their possessions in Paraguay. The

BOTANICAL

SECTION

LILIES ON THE

UPPER PARAGUAY

mate consumed in the country costs \$4,000,000 annually, so it is well worth while to develop its cultivation. As, however, the Argentine Republic becomes Anglicized, it demands tea instead of mate, regardless of the advice of physicians, who claim that mate is the more wholesome beverage.

YERBA

PARAGUAYAN

TEA

MATES

The collection of ferns is very large, from the innumerable varieties of the dainty maidenhair to the tree fern.

The cactus in number and variety almost equals the fern. One very rare variety from the region of the Andes is always shown to visitors. It is particularly ugly, with its long, stiff stalks in spiny ridges.

Among the water lilles, the Victoria regia, with its enormous pads, is a great curiosity to foreigners, though it abounds in the northern provinces of the republic, and is called irupe by the Guarani Indians. It is also said to have a leaf so thick and strong that it will bear the weight of a baby several months old. There is only one large plant growing "al aire libre" in this garden, and it is the pride of the

Of orchids there are some lovely spectmens.

The representative flora of the Old World deserves extended space, Europe almost suggesting a World's fair, with here a bit of Spain or Italy, there of Norway, and still farther on a glimpse of Germany. Asia is not more interesting, but more unusual than Europe. There is, of course, the bamboo, with its suggestion of marvelous tales, and from the north a bush covered with lovely white flowers, a sort of spirea. Among the Japanese trees is the ginkgo, with its small and graceful fanshaped leaves.

Africa is chiefly conspicuous for palms of

al cedar towering above. Where a bit of the great Sahara is pointed out, it requires a stretch of the imagination to see more than the Australia is extensively represented. There are 60 different varieties

many kinds, with an occasional roy-

of eucalyptus in this section and the saltbushes are no longer allowed in the main part of the garden; though the gardeners still seem proud of the ugly, scraggy bushes. They grow prodigiously in this soil, and thrive in any, The Australian variety has a thicker, more succulent leaf than the others. Besides the sections mentioned,

there is one for industrial and medicinal plants, the section of fruit trees, and still another section devoted to the various methods of reproduction, whether by seed; grafting, or budding.

There are also two conservatories. One of them is beautiful and almost new. The older one was awarded a premium in the Paris exposition of 1889, both for its artistic construction and for the excellent arrangement for heating and ventilating its three divisions, which are kept at a temperature of 25 deg., 18 deg., and 12 deg., respectively. The substanital building is an inheritance from the department of agriculture, which formerly occupied this plot of ground. It contains the residence of the director, various offices, and a small museum.

Agricultural explorers who have visited the most famous botanical gardens of both the Old and the New Worlds have written of this one in words of highest praise and appreciation.

Buenos Aires has reason to be proud of its botanical garden, not only because it is one of the richest and most varied in the world, but because of the persistent effort made here to cultivate to the utmost the plants and trees indigenous to the

The Last Man Ashore.

It was now nearly half a minute past this big steamboat's sailing time and she hadn't started yet. Usually she got away on the stroke of the minute. The cause of the trouble was clear.

Up the gangplank which had been held that half minute for him came a man, a tolerably big and stalwart sort of man, who had not heard or had not beeded the warning given

LOUIS XIV GARDEN

five minutes before in every part of the best for all to go ashore that were going. But at last up the gangplank he came, a solitary figure in the plank's wide, long space, and with all the passengers lining that side of the boat looking down upon him with interest, while forward, with his hard on a bell pull at the side of the deck, stood the captain, ready to give the signal in the engine room the instant that man stepped off the gangplank and the plank was hauled ashore.

And so that last man to go ashore passed up the gangplank, not looking up, but not hurrying, walking calmly, while everybody on the boat looked down, and while at the same time there stood at either side of the plank and with their hands resting upon the top ralls six stalwart and able-bedied tongahoremen, ready to lift the plank and surge it shoreward about as soon as this gentleman stepped off it, which they did. They let him got about a foot clear of it and then they lifted it, and with the first surge they gave it brought up against his heels.

Whereupon the last than asbore turned with fire in his eye and with an avident destre to lick somebody, and he was an abletooking man. Undoubtedly he could have beked somebody, perhaps two, but the brist est reflection told him that he could not get away with the 12 longshoremen that he now raw smiling at him, whereupon rgain he turned, now smiling himself, and started ou, while in the meantime the instant the gangplank was cleared the captain on the best had yanked that bell pull and the last lices had been cast off, and now the beat two, though fully 40 seconds late, was at last on her way.

## NEBRASKA IN BRIEF

NEWS NOTES OF INTEREST FROM VARIOUS SECTIONS.

## ALL SUBJECTS TOUCHED UPON

Religious, Social, Agricultural, Political and Other Matters Given Due Consideration.

Presbyterians of Ponca are putting up a \$7,000 church.

The Dawson county fair closed with a good attendance and was a success throughout.

The National Convention of the Woman's Christian Temperance Union will be held in Omaha October 22 to 27 inclusive. Six hundred delegates will be in attendance.

Andrew Carnegie will be asked to give \$250,000 for a new public library building in Omaha and then the present public library building will be used for a free museum. Some Nebraska families who a year

or two ago went to Texas thinking to better themselves, are getting back to first love satisfied there is no grander state than this. Stand up for Nebraska! Conductor Gallup of train No. 6 on

the Northwestern was severely cut across the face by a passenger west of Arlington when Gallup asked for a ticket. The injured man was brought to Arlington and his assailant was locked up.

The 3-year-old son of Mr. and Mrs. Hodgins of Grand Island wandered out on the track and was run over. One foot was so badly mangled that it had to be amputated immediately; one arm is crushed. There is not much hope for the child surviving.

John McGraw, a farmer living about a mile southwest of Geneva, had four head of valuable horses killed by a Northwestern passenger train. The horses had been turned into a pasture field in the evening and broke out and were hit while crossing the track.

The normal school at Kearney opened for registration on September 15. The initial enrollment is stronger than a year ago and indications for a successful year are very flattering. The senior class promises to have 100 members.

A mass meeting of the water users under the Keith and Lincoln counties irrigation district ditch was held in Sutherland for the purpose of solving, if possible, some of the difficulties which have been encountered in getting water during the season just passed.

The Kearney military academy opened up its twelfth year and the prospects for the coming year are very flattering. At the close of the first week almost one hundred boys have been enrolled at the school and many more will be there later. All cadets

have been assigned to their work. As a result of the recent fires in Sutherland there is an inclination of the part of numerous property owners to fireproof their buildings as much as possible. The buildings now in course of construction in the business portion of town are to be fireproof, and others will likely be covered with iron.

Judge Hosteller of the district court at Lexington dismissed the action brought by Ira Wolive against the Lexington school board, the demurrer of the defendant being sustained. The action was brought to compel a recount of votes in the recent school board election, which carried by a small majority.

Miss Annie Griffin, who says her home is in Chicago and that she was on her way to Lincoln to "accept a position," jabbed Chief of Police Ctto Peterson of Fremont three times with a large hatpin in the union passenger station, where the chief had taken her to walt for the arival of a back to convey her to the county jall.

"Uncle Ed" Reynolds of Tecumselv has been entertaining his aunt, Mrs. L. A. F. Matthews, of Kansas City, Mo. 'n 1852 Mr. Reynolds accompanied the tady across the plains from Red Rock, lowa, to Stockton, Cal. The trip was made by ox team and required five months' time, railroads not having crossed the continent at that time.

George C. Quade was found dead at his home in the north part of David City. The family were absent from home at the time. Mrs. Quade had gone to one of the neighbors for a few moments, leaving Mr. Quade sitting in the house. Upon her return she found him lying on the floor dead. Hehad committed suicide by shooting himself. He had been in bad health for some time.

Gov. Shallenberger paid this tribute to the late Gov. Johnson of Minnesota: "I have always considered Governor Johnson one of the strongest men of the nation. The country has looked to him as one of its future leaders. Democracy mourns the loss of one of its greatest chieftains. His death, in view of his potential character, is to be mourned not only by the state of which he was governor, but by the nation as well."

A movement is well under way for the erection of a large monument to the late Professor Jeffrey D. Hrebek, who was the first professor of Slavonic languages in the University of Nebraska. The monument is to beerected at Cedar Rapids, Iowa, which was the professor's former home and the place where his remains now rest.

Within the hearing of his bride of one week, George Bradshaw of Kenesaw, aged 37, shot himself, presumably with suicidal intent. The bullet passed through his head, leaving him anconscious. He has a small chance for recovery.