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YELLOWSTONE
NATIONAL PARK

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EDWARD W. NOLAN

THE

Yellowstone
National
Park

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CHICAGO, ILL.

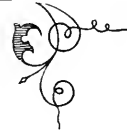
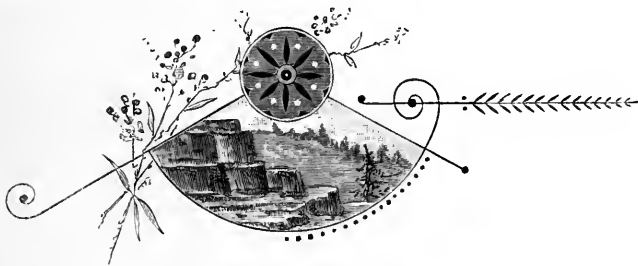
EDWARD W. NOLAN

THE

Yellowstone

National

Park.



ISSUED BY THE

General Passenger Department

Northern Pacific Railroad.

1883.

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RAND, McNALLY & Co.,
Printers, Engravers and Electrotypers,
CHICAGO.



P R E F A C E.

THE National Park Branch, running from Livingston to the northern boundary of the Yellowstone National Park, is being built and will be completed July first, which will be in ample time to carry tourists to the Park.

At the southern terminus of the National Park Branch, a line of Concord coaches will connect with trains of the Northern Pacific Railroad, conveying passengers without delay to Mammoth Hot Springs, Norris Geyser, Lower and Upper Geyser Basins, Lake Outlet, the Great Falls, and other prominent places of interest in the Park. Saddle ponies and guides can be obtained at above points at reasonable rates by parties desiring to take side detours, in visiting the various points of interest not reached by the stage line.

A large and commodious hotel is being built at Mammoth Hot Springs, to accommodate 400 guests, and will be completed in time to receive tourists visiting the Park this season. Other hotels are being built at Lower Geyser, Upper Geyser, Lake Outlet and Great Falls, which will also be completed in time to receive tourists. Bath houses at all Hot Springs, and other conveniences, will be connected with the hotels for the use of visitors.

It will be the aim of the parties controlling the stage routes, hotels and other appurtenances of the Park, to make charges reasonable for services performed, and assurances are given that no imposition shall be permitted; on the contrary, all that can, will be done to make a visit in the Park one of pleasure, profit and economy. The management of the Park appreciate fully the fact that the Yellowstone National Park is the Finest Pleasure Resort of the Continent (indeed it may be said of the World), and every effort will be made to make visitors welcome, giving a full equivalent for expenditure made, and making this the favored PLEASURE GARDEN OF AMERICA.

The passenger rates of fare, from St. Paul, Minneapolis and Duluth to Mammoth Hot Springs and return, are as follows:

<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding-right: 10px;">For parties of</td> <td style="padding-right: 10px;">1 to 5.....</td> <td style="text-align: right;">\$90.00</td> </tr> <tr> <td style="padding-right: 10px;">" "</td> <td style="padding-right: 10px;">5 to 15.....</td> <td style="text-align: right;">85.00</td> </tr> <tr> <td style="padding-right: 10px;">" "</td> <td style="padding-right: 10px;">15 to 25.....</td> <td style="text-align: right;">80.00</td> </tr> <tr> <td style="padding-right: 10px;">" "</td> <td style="padding-right: 10px;">25 to 50.....</td> <td style="text-align: right;">75.00</td> </tr> </table>	For parties of	1 to 5.....	\$90.00	" "	5 to 15.....	85.00	" "	15 to 25.....	80.00	" "	25 to 50.....	75.00		<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding-right: 10px;">For parties of</td> <td style="padding-right: 10px;">50 to 75.....</td> <td style="text-align: right;">\$70.00</td> </tr> <tr> <td style="padding-right: 10px;">" "</td> <td style="padding-right: 10px;">75 to 100.....</td> <td style="text-align: right;">65.00</td> </tr> <tr> <td style="padding-right: 10px;">" "</td> <td style="padding-right: 10px;">100 or more.....</td> <td style="text-align: right;">60.00</td> </tr> </table>	For parties of	50 to 75.....	\$70.00	" "	75 to 100.....	65.00	" "	100 or more.....	60.00
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Tickets will be placed on sale July 1st, and good to return till September 30th.

From Chicago to Mammoth Hot Springs and return, the rate for single tickets will be about \$110. A careful estimate of expense of a trip from St. Paul to the Park and return, allowing ten days for sight-seeing in the Park, including railroad fare, sleeping car fare, meals in dining cars and at hotels, stage fare and moderate incidentals, is placed at \$200. From Chicago, \$225. From New York, \$275. While extravagances may be indulged to increase these estimates, the more economical will materially reduce them. It is suggested that the more economical mode of visiting the Park is by organizing into parties of five or more, in which event the given estimate would be decreased about \$50 per person.

Anticipating the fact that much detailed information will be desired by those intending a visit to this National Pleasure Resort the present season, all such are requested to write freely for such specific information as may be desired, to

G. K. BARNES,

G. P. & T. A., N. P. R. R.,

St. Paul.

A. D. EDGAR,

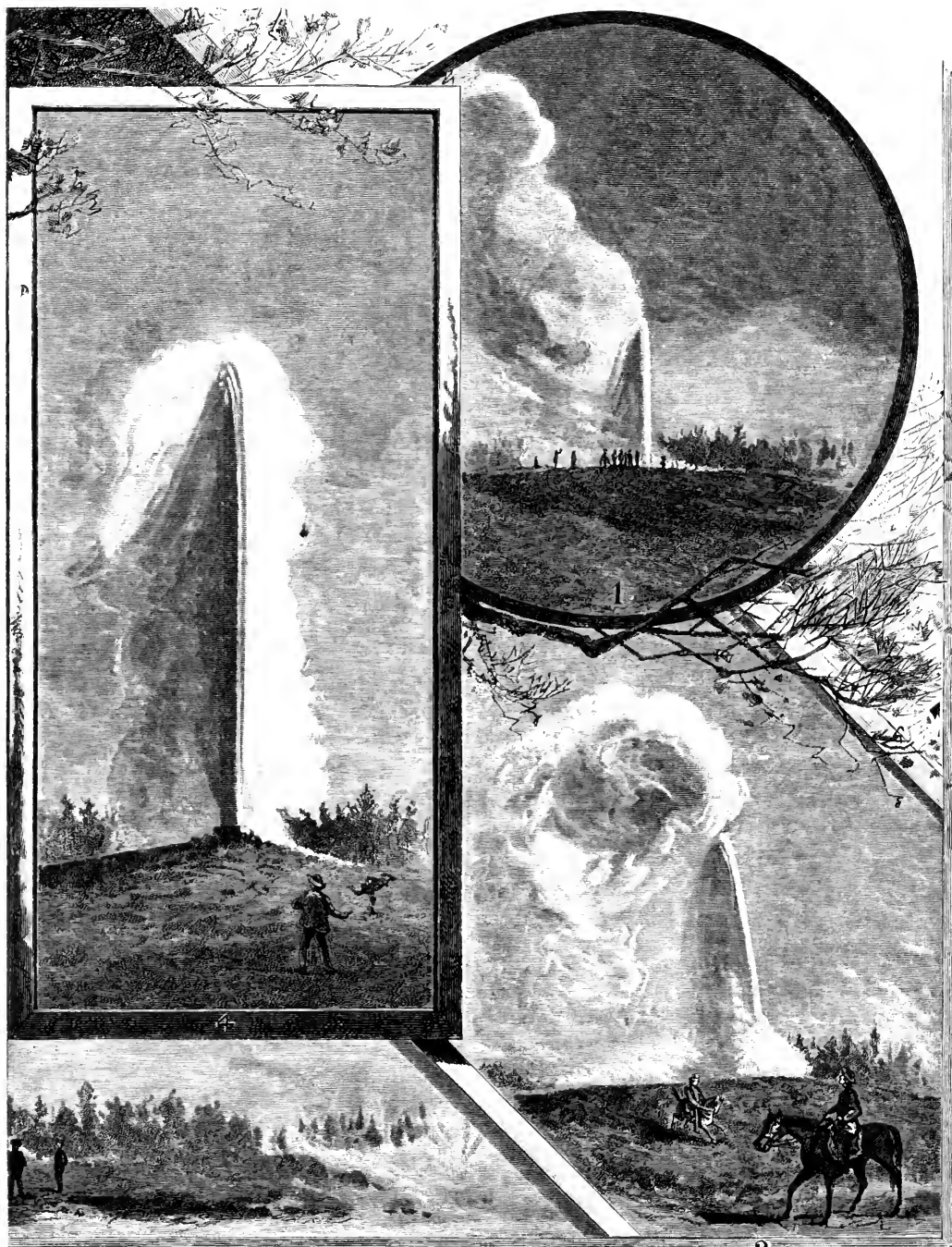
Gen'l Agent N. P. R. R.,

52 Clark Street, Chicago.

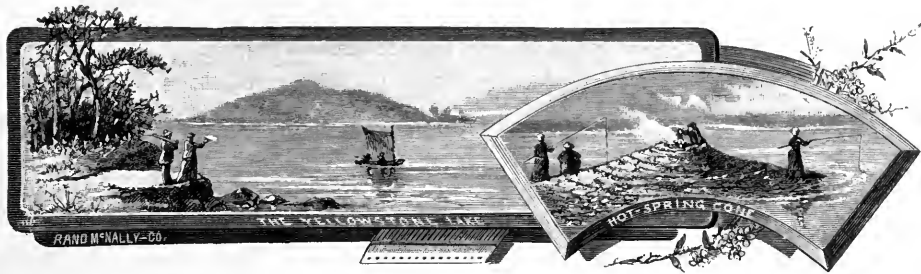
A. ROEDELHEIMER,

Gen'l European Agent N. P. R. R.,

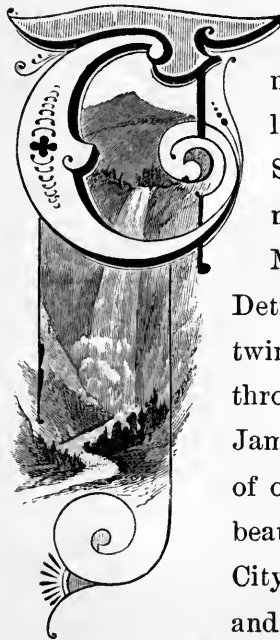
20 Water Street, Liverpool, Eng.



Varied Views of "Old Faithful" Geyser.



↔ The Yellowstone National Park ↔



THE scenery along the line of the Northern Pacific never ceases to be interesting. Leaving the great lakes at Duluth, the wild rushing waters of the St. Louis; St. Paul and Minneapolis, the great commercial centres of the Northwest; traversing the Mississippi to Brainerd, the beautiful city of pines; Detroit and its lovely lakes; Moorhead and Fargo, the twin sisters of the Red River Valley; continuing through one vast wheat-field and thriving towns to Jamestown, ambitious and worthy to become the capital of one of the greatest States in the Union, situated in the beautiful valley of the James; Bismarck, the Banner City; Mandan, the Omaha of the West; Pyramid Park and the Burning Buttes; Glendive, the Gate City, at the entrance of the Yellowstone; Miles City, with its life and bustle;

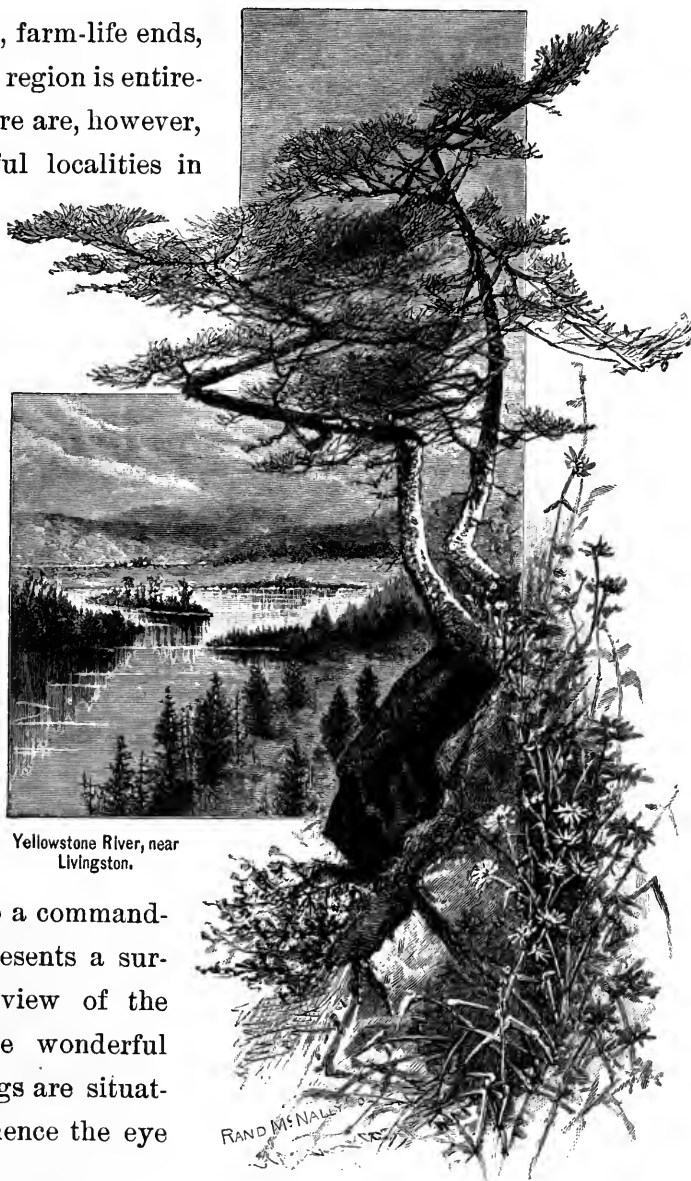
Billings, the Magic City, you reach Livingston, the gateway to the National Park.

The only convenient method by which Eastern tourists may reach the remarkable Wonderland of America is by way of the Northern Pacific Railroad and its branch line from Livingston. The traveler, after arrival at Livingston Station, is carried at once to the Mammoth Hot Springs, one of the principal attractions of the Park, enjoying the entire distance of sixty-one miles through the upper valley of the Yellowstone River, ever-varying views of mountain, woodland and well-cultivated farms. Five minutes after leaving the railroad station a grand scene presents itself to the eye. This is the first cañon of the majestic river, where picturesque groups of towering rocks, varied by beautiful areas of forest trees, claim wondering admiration. Soon the grim walls of the cañon are passed, and the broad and fertile valley of the Yellowstone unfolds as a panorama its charming features of farmstead and of wood-clad islands, the latter reflecting their foliage in the silver flood, whose rushing waters fall upon the ear in deep *crescendo* tones. To these charms must be added those afforded by watching the animal life of the country. Eagles and other birds of prey hover in the air; glimpses of startled antelope and elk are caught on the mountain crags, while myriads of wild geese and ducks haunt the feeding-grounds on the margin of the river.

Passing by these scenes of sylvan beauty another surprise awaits the tourist about half way up the valley. This is the second cañon of the Yellowstone, which even excels the first in the wild and rugged characteristics of its romantic mountain scenery. Beyond this point the valley

becomes very narrow, farm-life ends, and the mountainous region is entirely uninhabited. There are, however, innumerable beautiful localities in this long stretch of unpopulated country which, in course of time, will be taken up by settlers, and the now unrevealed attractions will be doubtless sought out by tourists as soon as proper accommodation is offered.

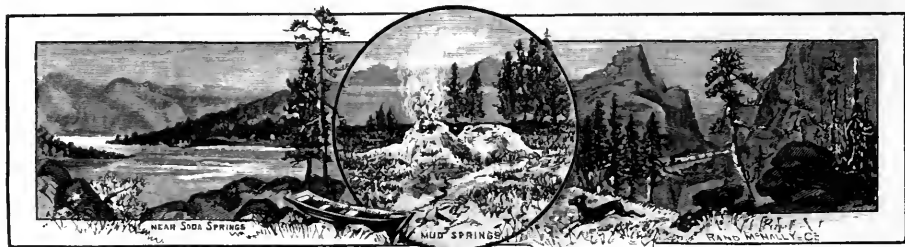
Two miles within the limits of the Park the way leads upward from the Yellowstone River to a commanding height which presents a surprisingly charming view of the valley in which the wonderful Mammoth Hot Springs are situated. From this eminence the eye



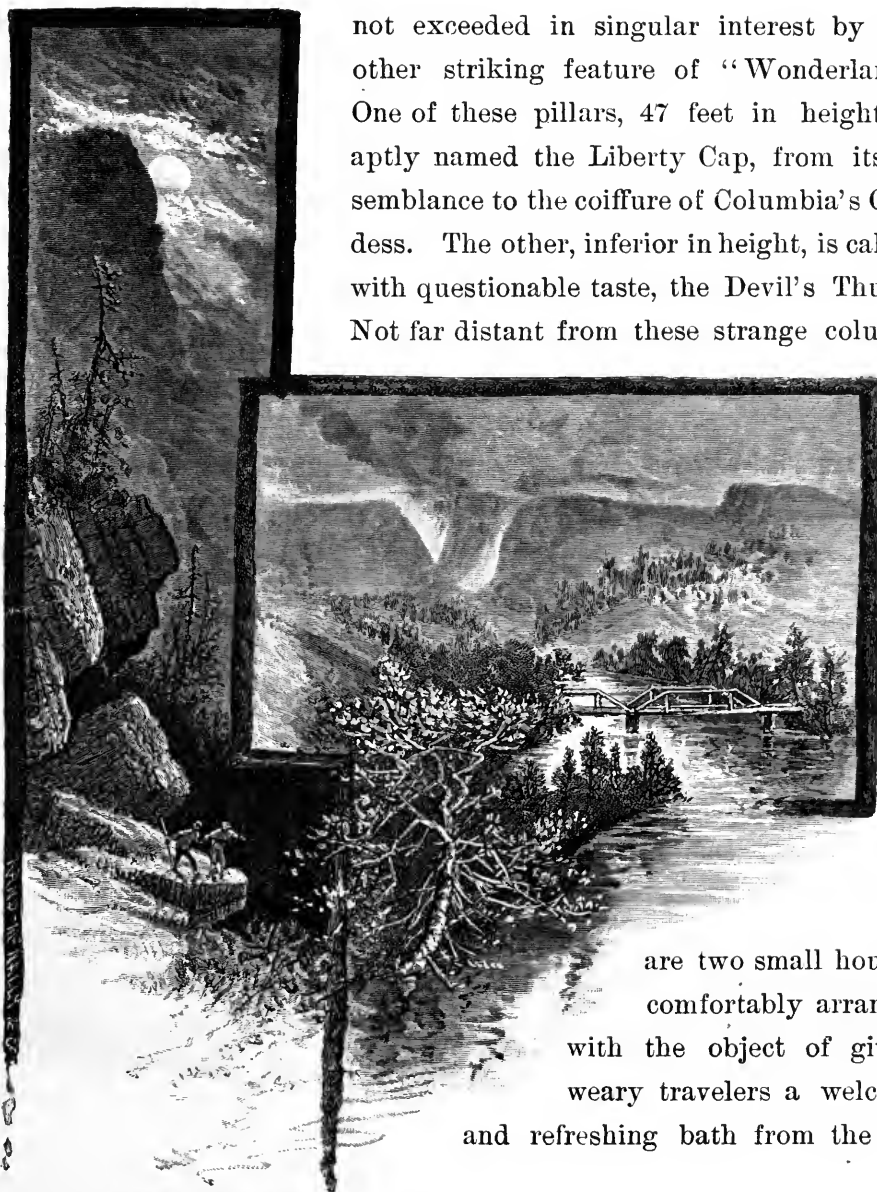
Yellowstone River, near Livingston.

at once rests upon a number of white terraces resembling the chalk cliffs of Dover, from which, in many places, columns of steam and jets of boiling water are ascending high into the air. These are the Mammoth Hot Springs of the Gardiner River, the natural beauties of which excite the liveliest wonder and delight, the traveler at once feeling himself amply repaid for the toil of his journey by the sight of this phenomenal display of Nature's handiwork. Descending into the valley half a mile farther, one becomes more and more impressed at every step with the magnificence of the scene before him. The terraces, the pools with their play of boiling water, and the crystal formations, are in themselves marvelous, but the charm of them all is endlessly enhanced by the brilliant and varied coloring which meets the gaze—snow-white alternating with dark blue and green and even with red and yellow; tints and shades, in fine, which vie in brightness with those of the rainbow.

Opposite these terraces there is a steep, symmetrical hill, upon the summit of which is perched the headquarters of the Superintendent of the Park. This building lends a picturesque effect to the surroundings. At the foot of this hill, in the shadow of the largest terrace, are two high columns formed out of the deposits of the boiling springs, which are



not exceeded in singular interest by any other striking feature of "Wonderland." One of these pillars, 47 feet in height, is aptly named the Liberty Cap, from its resemblance to the coiffure of Columbia's Goddess. The other, inferior in height, is called, with questionable taste, the Devil's Thumb. Not far distant from these strange columns



are two small houses, comfortably arranged with the object of giving weary travelers a welcome and refreshing bath from the hot

Yellowstone River, in the Park.

spring water. The Mammoth Hot Springs are entirely surrounded by high and beautiful mountains, which give a charming landscape picture to their situation.

The road from this attractive place to the interior of the Park leads to the right of the Springs through a grand forest up a steep ascent for nearly four miles. On the top of this height there appears a lofty white mound, from the centre of which a jet of boiling water is spurted. This miniature geyser may be regarded as a precursor of the stately fountains which later are to be seen. Traversing several miles through a region which possesses no marked attraction, the tourist again gradually comes into the neighborhood of the Gardiner River, which stream was left behind at the Mammoth Hot Springs, and the country becomes more interesting. The beauty of the woods, alas! at intervals on this road, as well as at many other points in the vast area of the Park, has been utterly destroyed by the carelessness of tourists who have left their camp-fires burning. Immense tracts of noble forest within the Park limits have thus been ravaged by fire, leaving nothing but charred and blackened trunks for the eye to rest upon. A stop must soon be put to this wholesale destruction if the present varied and manifold attractions of the Park are not to be confined to the places of transcendent interest. Happily, measures are already in progress for the proper care and protection of the Park, and the great evil to which allusion is here made will be prevented. Crossing the Gardiner River, the tourist again finds himself in the valley, and sees in picturesque groupings numerous pleasant belts of wood.

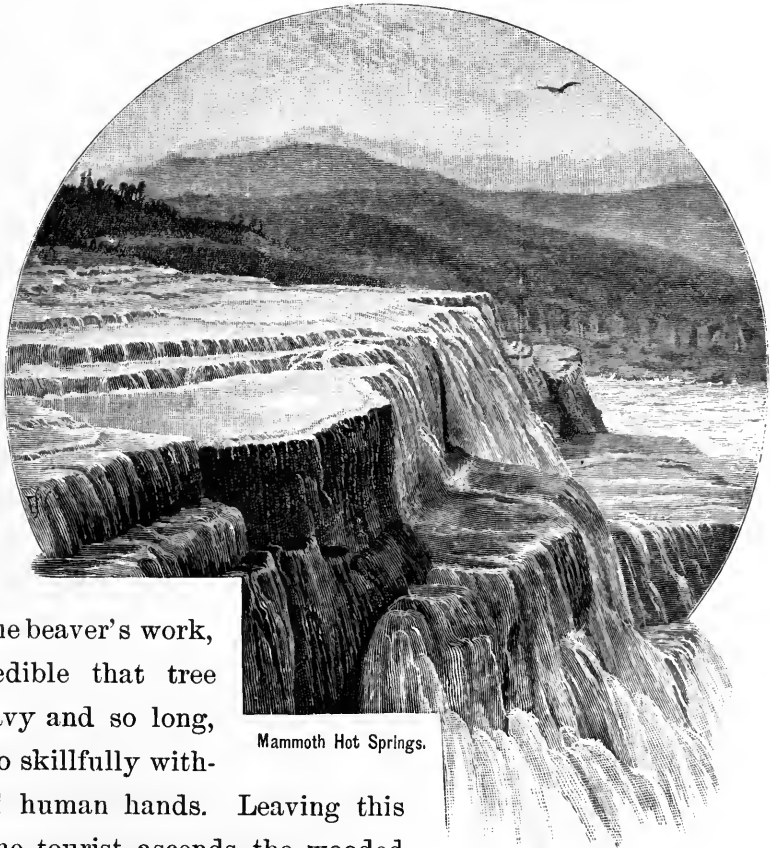
Reaching the Obsidian Cliffs, or mountains of volcanic glass, over

pulverized fragments of which the road passes, a romantic region of delightful landscapes is again entered. Here the mountain walls are clothed with woods to the very base; the river, in many places, widens itself out into

smiling lakes, which are peopled with ducks and geese and show evidences of the ingenious work of beavers in the intelligent construction of their dams.

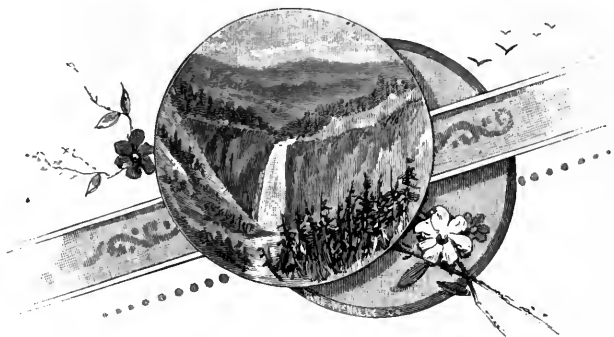
To those unfamiliar with the beaver's work, it seems incredible that tree trunks, so heavy and so long, could be laid so skillfully without the aid of human hands. Leaving this valley again the tourist ascends the wooded

heights to the water-shed between the valleys of the Gardiner and Gibbon Rivers, and is delighted on reaching the summit at the sight of a small,



Mammoth Hot Springs.

crystal lake, which nestles in lonely beauty in the midst of the forest. From this charming Lake of the Woods the descent into the valley of the Gibbon begins. This river is an affluent of the Madison, which collects into its swift waters all the hot streams which flow from the great geysers and in turn empties them into the Missouri. As soon as the valley of the Gibbon is entered, hot sulphur springs begin to show themselves. Presently the great Norris Geyser Basin with its grand display of natural wonders appears to view. Soon one sees the boiling wells, full to the brim with water, now seething and sending up clouds of vapor, and anon spouting mighty columns of spray high into the air, while other craters brew and cook great bowls of thick and paste-like clay in broth of divers colors. Close by, on the way-side, the "Minute Man" is met, a small geyser which sends out a splendid stream to the height of fifteen feet once in sixty seconds and makes his movements loudly heard. He is a pleasant little fellow to gaze upon and really seems proud of his achievements, inviting one to examine his well-formed mouth in the brief intervals of its idleness. Withal he is a perfect type of the grander geysers which



lie deeper within the Park. Passing by many other small geysers and hot springs which impress their beauties upon the mind by the brilliant coloring of their deposits, any single one of which would draw multitudes to see it and to marvel at it, if it stood isolated and apart from this lavish exhibit of wonderful things, the road leads on to the head of the Gibbon Cañon. Very interesting to visit are the so-called Monument Geysers and the Paint Pots, which are to be seen before entering the cañon. These two points of interest should not be overlooked and both are easy of access from Elk Park, a wide stretch of meadow land through which the river flows ere it meets the mountain gorge. The

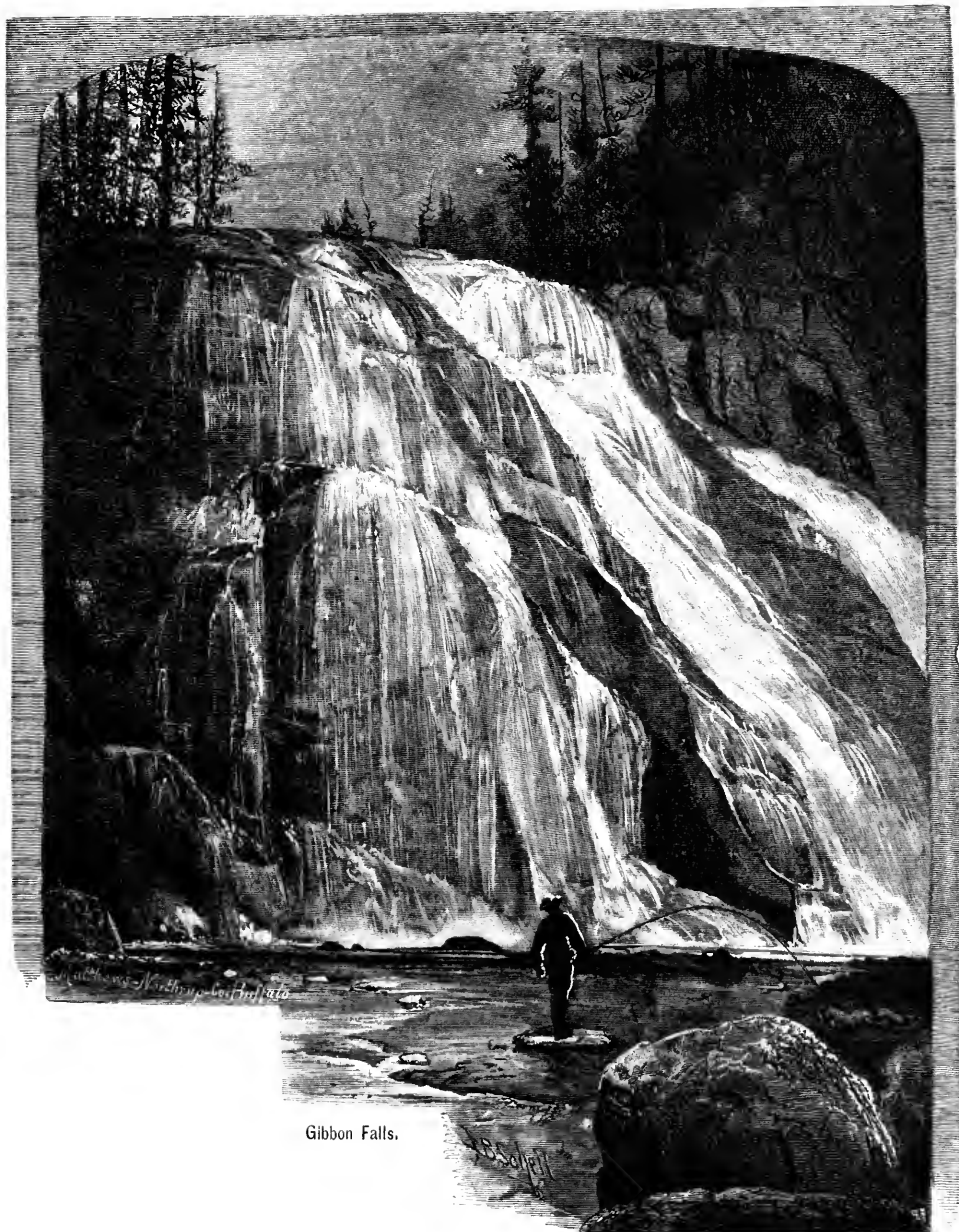


One Day's Sporting.

“Monument Geysers” are mainly the craters of partially inactive hot springs, and are only noticeable on account of the grotesque forms which the ancient deposits have assumed. For instance, one crater resembles a sitting dog, another the torso of a man, a third looks like a lioness *couchant*,

and a fourth has the shape of a steam-ship's smoke-stack. The Paint Pots, in the same neighborhood, are a large collection of boiling clay springs, interspersed with great caldrons of seething water, the varied and vivid coloring of which is of the highest interest, awakening a lively enthusiasm in the beholder of the spectacle.

The Cañon of the Gibbon presents a perfect picture of a wild and romantic mountain gorge. The road soon leads through this fluvial pass on a constantly ascending grade, and only admits of a partial view of the really beautiful Falls of the River, over which the water tumbles in a foamy sheet full eighty feet in depth. It then winds its way for a long distance through the dense pine forest, the charms of which are apt to cloy, before the Firehole Basin, which proves to be the next attractive region, is finally reached. At this point a small hotel is to be found, and here the roads to the leading attractions of the Park converge as to a common centre. Taking the route to the Yellowstone the tourist keeps the Firehole River in view for a considerable distance, and this fishless stream, fed by hot springs, presents peculiar and interesting features of its own. Fine pictures of mountain and forest scenery are also offered as the journey goes on over the high hills which form the water-shed between the Yellowstone and Madison Rivers. In this stretch one passes through fine and noble forests, the home of the bear and the elk, and sees innumerable sulphur springs, with now and then a brook carrying its mineral-impregnated water to the river. From this lofty water-shed, indeed, the view is so spread out that the greater part of the mountains which inclose the spacious Park may be seen at a glance in all their magnificence and



Gibbon Falls.

majesty. Descending from the heights toward the Yellowstone the route soon becomes tiresome and uninteresting, traversing a barren waste of rolling sage-bush plains which are apt to be annoyingly dusty.

At the place where the roads part respectively for the Falls and Great Cañon of the Yellowstone River and for the foot of the Yellowstone Lake, the latter is reached by pursuing the way leading southward. Taking the northern direction, one soon thankfully comes to the so-called Sulphur Mountain, where the beautiful spectacle of boiling springs and dancing waters is again repeated. Here the tourist incontinently tarries a few minutes to recover himself from the tedious trip he has finished, and, perchance, to forget its discomfort. Around the margins of these springs are mounds of purest sulphur, the crystals bright and sparkling in the sun, the character of the pools and basins being entirely different from those previously observed. Continuing on the way, the banks of the Yellowstone River are soon reached and again a beautiful region is opened to view. The valley suddenly narrows and the stream rushes wildly over the rocks. Still more the valley narrows, the banks grow higher, the rush of waters mightier, and the charms of the mad torrent increase. Isolated rocky islets show themselves as if to bar the progress of the raging river. Presently the first great water-fall reveals its proximity, making itself plainly heard amid the tumult before its tremendous rush is visible to the expectant eye. The water falls sheer over a wall of rock full 162 feet, breaking into clouds of spray and mist ere it reaches the bottom of the deep-lying pool at its base. Not alone the height of this Fall, but also the width of the sheet of foaming water, is a striking element of its

grandly picturesque beauty. Its charms, too, are immeasurably heightened by the wildly romantic scenery which almost secludes it from view—scenery which the most celebrated of landscape-painters would shrink from attempting to depict on canvas. But prodigal Nature does not satisfy herself with this one water-fall. She exhibits, not more than half a mile beyond, still another of grander dimensions and sublimer aspect. This second Fall of the Yellowstone leaps over a broken ledge, and drops into the profound depths of the cañon 350 feet further down. Think of this amazing leap! The first is called the Upper Fall

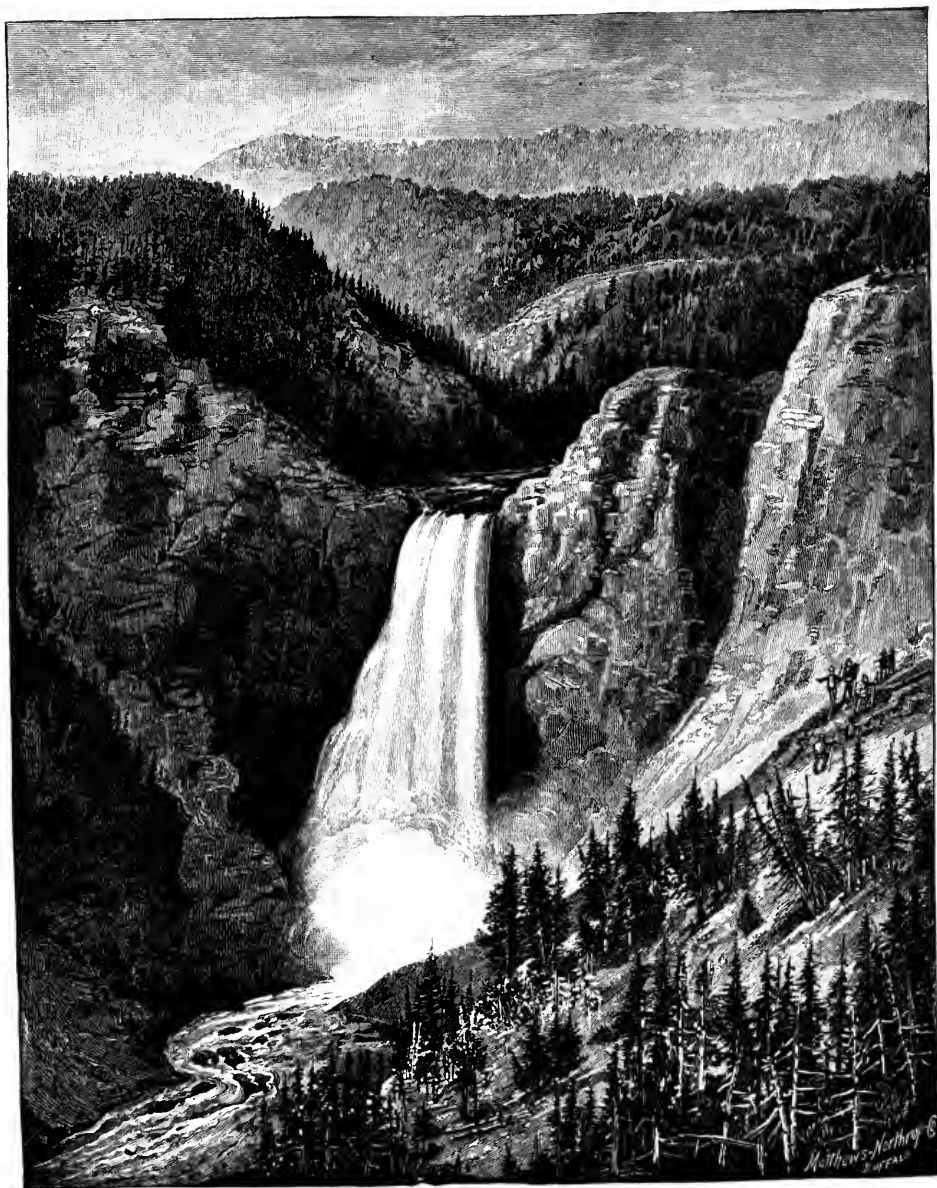


Yellowstone River, in the Grand Cañon.

and the second the Lower Fall. Both are alike in terrible majesty and power; but each, nevertheless, has its peculiar characteristics, the result of different scenic effects which environ them. The first is partly veiled by

the woods while the other, imprisoned by rugged walls of lava and of basalt, dashes itself in mad frenzy into the depths, where the course of the river is actually hidden for a time by the dense clouds of mist and columns of spray which dart upward from the base of the tremendous cataract. If the sun's rays penetrate these mist clouds at the proper angle, there is at once visible a rainbow not only wider but richer in color than can anywhere else be seen.

But this mighty play of the waters by no means exhausts the marvels of the place. The rocky cañon which extends a distance of many miles, displays itself as a scene of enchantment to the view, surpassing all the expectations which were conjured up by the imagination ere its remarkable features were witnessed. From the Upper Falls, for a distance of eight miles down the stream, the Grand Cañon of the Yellowstone reveals the most varied and astonishing groupings of crags and rocks which eye ever beheld. Among them are many hot springs, one of which was particularly interesting to notice as it shot up clouds of vapor from its vent at the apex of a tall pinnacle. Not alone is the gaze entranced by the great variety in the form of the towering rocks which open up in changing pictures like the shifting scenes of a theatre, but also by the wonderful magnificence of this gorge throughout its depth of from 1,500 to 2,000 feet in brilliant colors of every hue, which the hot springs through long eras have painted upon its steeps. Some of the tints are as bright as those to be found in a box of paints; indeed, it would be difficult to exaggerate their brilliancy. These colors often blend in harmonious shades, and are astonishingly vivid. Especially is this the case with the reds and yellows, which are toned down by gradual stages to white of purest beauty. Precisely as at the hot sul-

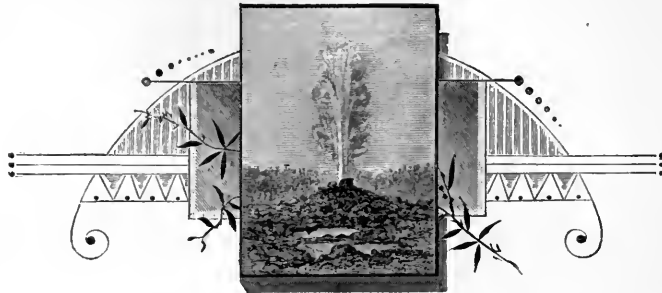


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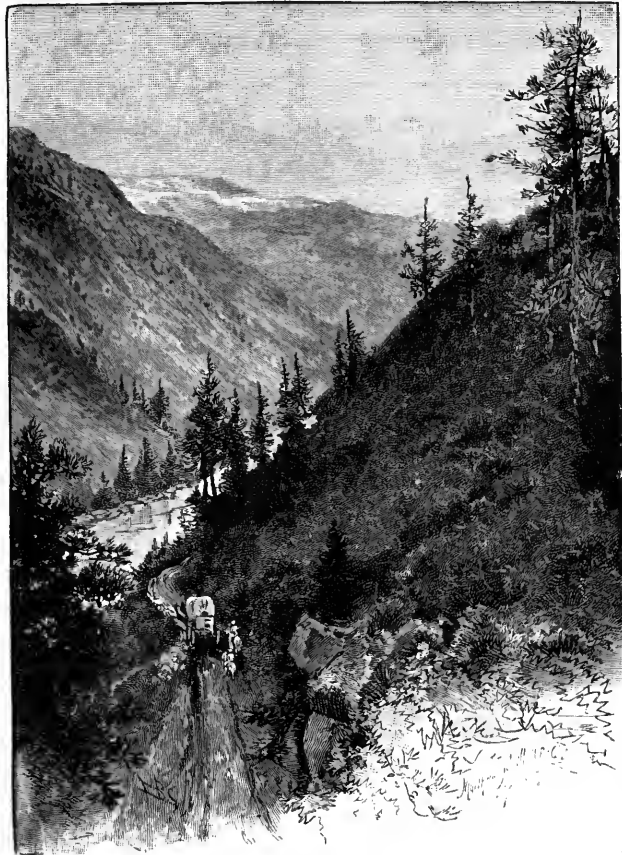
Great Falls of the Yellowstone.

phur springs in other parts of the Park one discovers here also the most brilliant rainbow hues in rich abundance, and here these tints are particularly brought out in bold relief by the dark green of the pine-wood needles, which serve as a background for these warmer colors. To all this must be added the silver glimmer of the clear, swift-flowing water in the depth of the cañon, the whole uniting to form a scene of enchanting splendor. Views of this sort repeat themselves in infinite variety for many miles down the river, enriched by alternating glimpses of the majestic falls, the beautiful forest and the grand walls of the cañon. Mount Washburn, the highest peak within the limits of the Park, is not far distant. Its summit rises 10,320 feet above the sea-level, and the views spread out from its hoary head are well worth the toil expended in the ascent.

In order to reach the Yellowstone Lake the road which has been briefly described must be retraced. This is by no means to be regretted, as it is almost a new revelation to gaze upon the attractions and magnificence of the cañon from the opposite point of view. It presents a



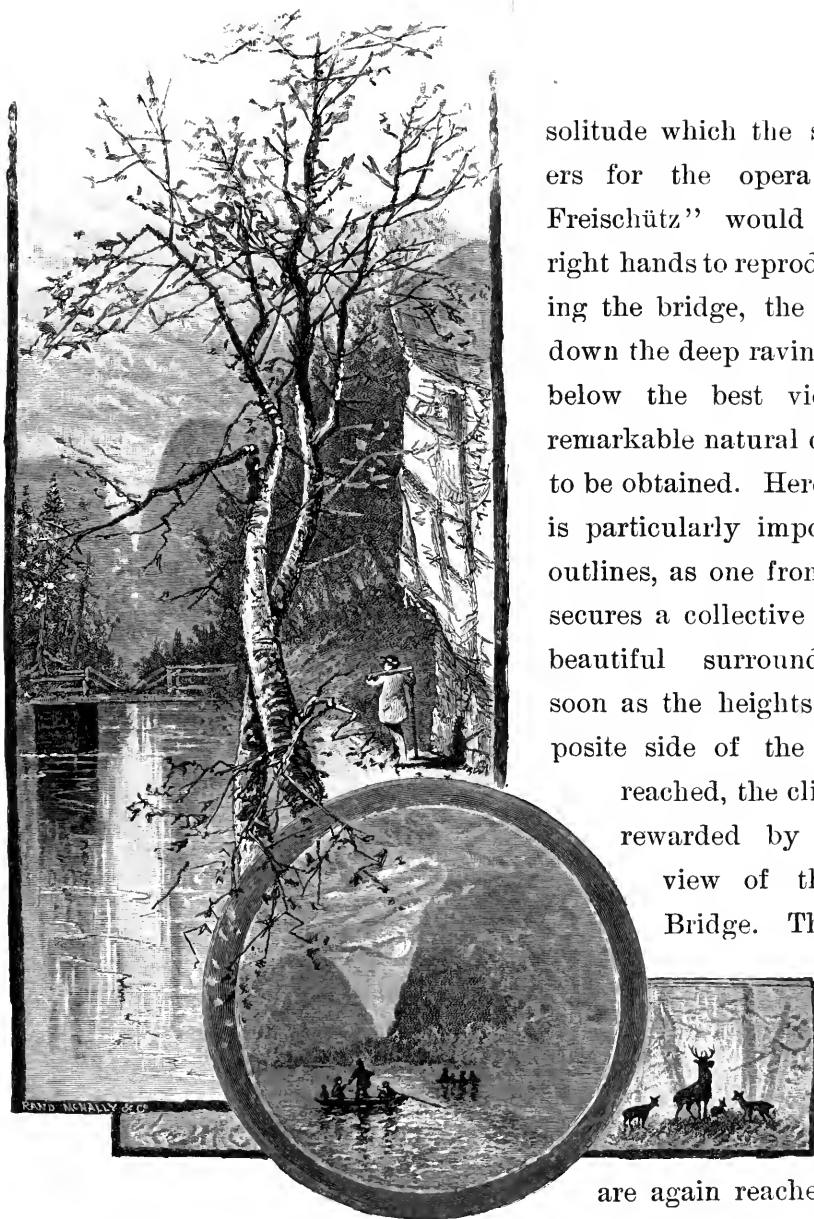
reverse of the pictures in all the splendor which is here so inadequately portrayed. Arriving at that point in the road where the way leads southward to the Lake, the course of the river is followed for about eight miles, continuously through a beautiful valley, with picturesque views of small islands in the stream, of high mountains and long stretches of woodland, the charms of which are increased by a more abounding animal life than has yet appeared. Wild geese, ducks and pelicans are extraordinarily plentiful. In the way also are numerous hot springs again to be seen, and these are always pleasant to look upon as constantly presenting new instances of Nature's wayward moods.



Lower Cañon.

Arriving at the Lake, one is at once surprised by its vastness and the majestic mountains which encircle it to the east and south. The beautiful islands, woods and shores lend this lake charms which are perhaps superior to those of the famous inland seas of the Alps. Very beautiful are the immense white swans floating upon the Lake, which appear in the distance like small sail-boats gliding over the green and sparkling water. One looks far down into the emerald depths and sees the bottom paved with bright pebbles and crystals of every size and color. This, indeed, is the place where the finest specimens of ornamental stones may be collected in profusion, but the occupation requires time and trouble to insure success. In many cases on the unexplored mountain sides the existence of hot springs and perhaps geysers is demonstrated by tall ascending columns of fleecy vapor. There are also several large white spaces visible at great distances on the mountain sides which surely indicate that thermal springs were there in great activity. All these things unite in adding to the beauty of the scenery, which is particularly rich in color in the perspective distance.

If the bridle path on the western side of the Lake is followed, the road leads through a beautiful forest, rich with glades and living streams, to the Natural Bridge which spans the deep gorge of a mountain torrent. This bridge is formed of hard trachyte which has been vertically upheaved, and its arch is extremely fine. The roadway is thirty feet across and wide enough to admit the passage of a carriage. The groups of rocks are very striking, and these, in connection with the small cascades below the bridge and the beautiful woods lining the deep ravine, form a forest



solitude which the scene-painters for the opera of "Der Freischütz" would give their right hands to reproduce. Leaving the bridge, the path leads down the deep ravine, and from below the best view of this remarkable natural causeway is to be obtained. Here the bridge is particularly imposing in its outlines, as one from this point secures a collective view of the beautiful surroundings. As soon as the heights on the opposite side of the ravine are reached, the climb is again rewarded by a farewell view of the Natural Bridge. Thence, passing a long stretch of fire-ravaged forest, green trees are again reached, and one

breathes more freely at the agreeable change, connected as it is with pleasant glimpses through the woodland vistas of the shining water of the Lake. The road gradually approaches that part of the Lake known as West Bay, the shores of which again show very interesting hot springs. These attract so much attention that one is apt to forget entirely the fine scenery of the Lake. Here are to be seen at a glance almost every possible variety of hot spring formations, not excepting small specimens of geysers. This single point sufficiently illustrates all the beauties of the natural formations which the Park offers for admiration, and it may be regarded as a museum of all the varieties of hot springs. If one carefully collects specimens at this place of the different kinds which are visible, he will secure a perfect exhibit of every formation which the numerous hot springs in every part of the Park can present. This portion of the lake shore must be designated without any doubt as one of the most interesting points within the Park limits, and no visitor should fail to see it.

If the road is now taken directly westward over the high mountains, it crosses one of the water-sheds between the Atlantic and Pacific slopes of the continent. Descending the western side of the mountain, one enters the valley in which is situated the large and beautiful Shoshone Lake. Presently another water-shed is traversed, and one enters by way of the rugged Norris Pass into the valley of the West Firehole River, which here rushes in romantic wildness through a deep and rocky gorge. The entire road from the Lake to the Falls of the Firehole River is varied by fine views of rock, groups and woods, of distant mountain chains, of beautiful meadows, and of babbling brooks. This region is the more

pleasing, particularly as the road mainly passes through the forest, and the diversity of the views is far greater and more frequent than on earlier routes. Arriv-

ing at the beautiful water-fall of the Fire-hole River, one is more than delighted at the natural beauties of the romantic scene. This water-fall is by no means as large as those of the Yellowstone River, but it appears, however, quite bewitching in its loveliness, and is, perhaps, more inviting to the painter's brush. The harmony of this picture leaves nothing to be desired on the score

of beauty. The romantic is here picturesquely perfect, and the colors of the vegetation and the rocks,

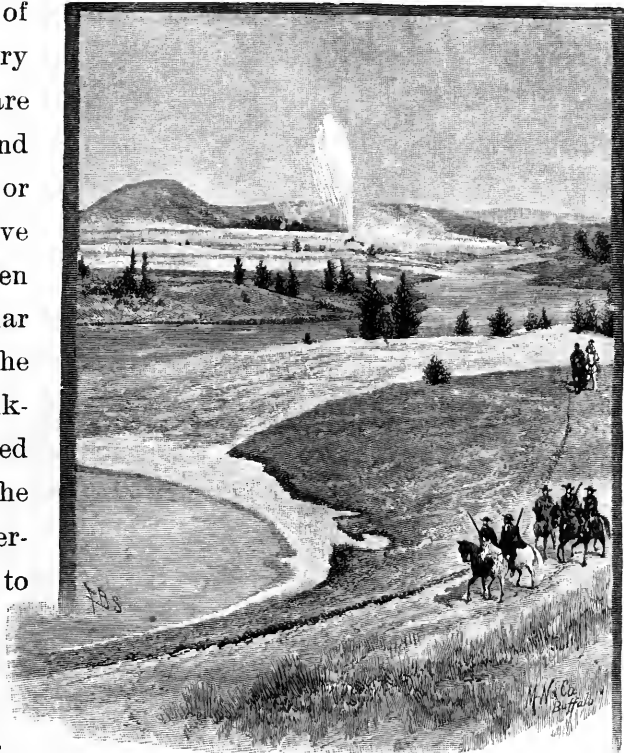


Hot Springs.

in contrast to the foaming water, delight the eye. Reluctantly one leaves this idyllic spot. However, after a few miles farther, where this river more quietly flows, and the beautiful woods are left behind, one enters the broad valley or Upper Geyser Basin in which Nature brings to light her subterranean forces.

Scarcely arriving in this scene of marvels the visitor is greeted by the geyser known as "Old Faithful," which regularly every hour sends its stream of boiling water 200 feet upward in the air, and permits this spectacle to continue for the space of five long minutes. This grand exhibition is alone sufficient to satisfy the expectations of the most exacting sight-seer. However, if one now continues his tour in the great Geyser Basin which spreads out before him he will be more and more delighted with the boiling fountains. Presently the "Beehive" Geyser is encountered, which every eight hours sends up for a few minutes a lordly jet 219 feet in height from its shapely crater. Next, one comes up to the "Giantess," which, however, only once in fourteen days shows her power. She then shoots up a stream 250 feet into the air, with strong eruption, lasting twenty minutes and heard at a great distance. From here one visits the "Lion," the "Lioness" and her two cubs, and of these, the "Lion" often exhibits a play of waters which are well worth visiting. Following these still, are the "Saw Mill," the "Grand," the "Comet," the "Giant," the "Grotto," the "Splendid" and the "Castle" Geysers, with others of smaller character, all working in a concert with water-trumpets in tones of deep diapason, although each one only permits itself to be heard in fullest blare at intervals of more or less

frequency. Of all those named in the last group, the "Giant" and the "Grand" are the mightiest, throwing streams to a height of 200 feet, the former playing an hour and the latter twenty minutes, each with strong ebullitions. The craters of all these geysers are very different in form. Many are even with the ground, and have either narrower or wider throats. Others have elevated craters, which often exhibit the most peculiar shapes; as, for instance, the "Castle," which has a striking similarity to a ruined stronghold, while that of the "Grotto" resembles a hermit's cell. In addition to these geysers, the hot sulphur springs are also here in large numbers, exhibiting their beautiful play of



Old Faithful Geyser.

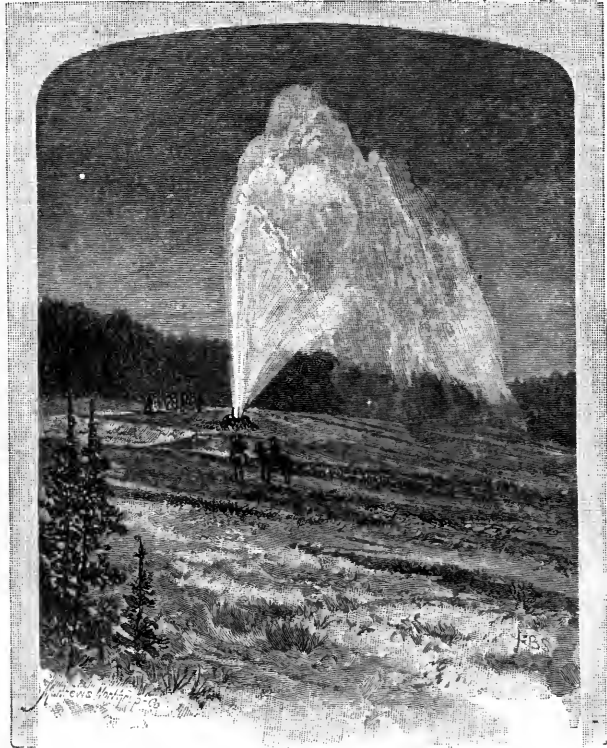
colors, as well as their wonderful work of varied crystallizations. One sees here, indeed, the waters in constant play, in every stage, from that of the boiling and seething stage to that of eruption in great columns of 250 feet in height which appear as perfect fountains, while the effect is vastly

enhanced by the clouds of hot vapor which float upward far beyond the jets of water. These geysers, as already mentioned, are boiling springs. This unique demonstration of Nature's power in the Geyser Basin has lent to the National Park the appropriate name of the "Wonderland," which it really deserves. For, although similar works of Nature may be found elsewhere, yet in no other land does so vast a group of geysers exist, nor are they likely to be reproduced. The landscape from this Geyser Park offers a beautiful view of high wood-clad mountain chains, in which rugged rock groups are often visible. The Firehole River also presents its novelties in the way of hot and cold water flowing in many places in near proximity. Especially is this instanced at the crossing of the stream where the road leaves the Upper Geyser Basin for the Middle Basin. Here the "Riverside" Geyser rears itself directly from the bank and mingles its boiling water with that of the river.

The way to the Middle Geyser Basin is through beautiful woods, showing snatches of mountain scenery, and passing numerous hot springs of the same character as those already named.

Finally the largest geyser which* exists in this land of wonders is reached. This is the celebrated "Excelsior." The eruption of this geyser is at irregular times, and it is difficult to know when it will happen. But whoever has the good fortune to witness this geyser in activity will certainly marvel most at its terrible power. It has a stream of between 60 and 75 feet in diameter and sends up this colossal body of water over 300 feet into the air. Under such conditions of eruption it is evident that the same are accompanied with sharp detonations. The "Excelsior" has a disagree-

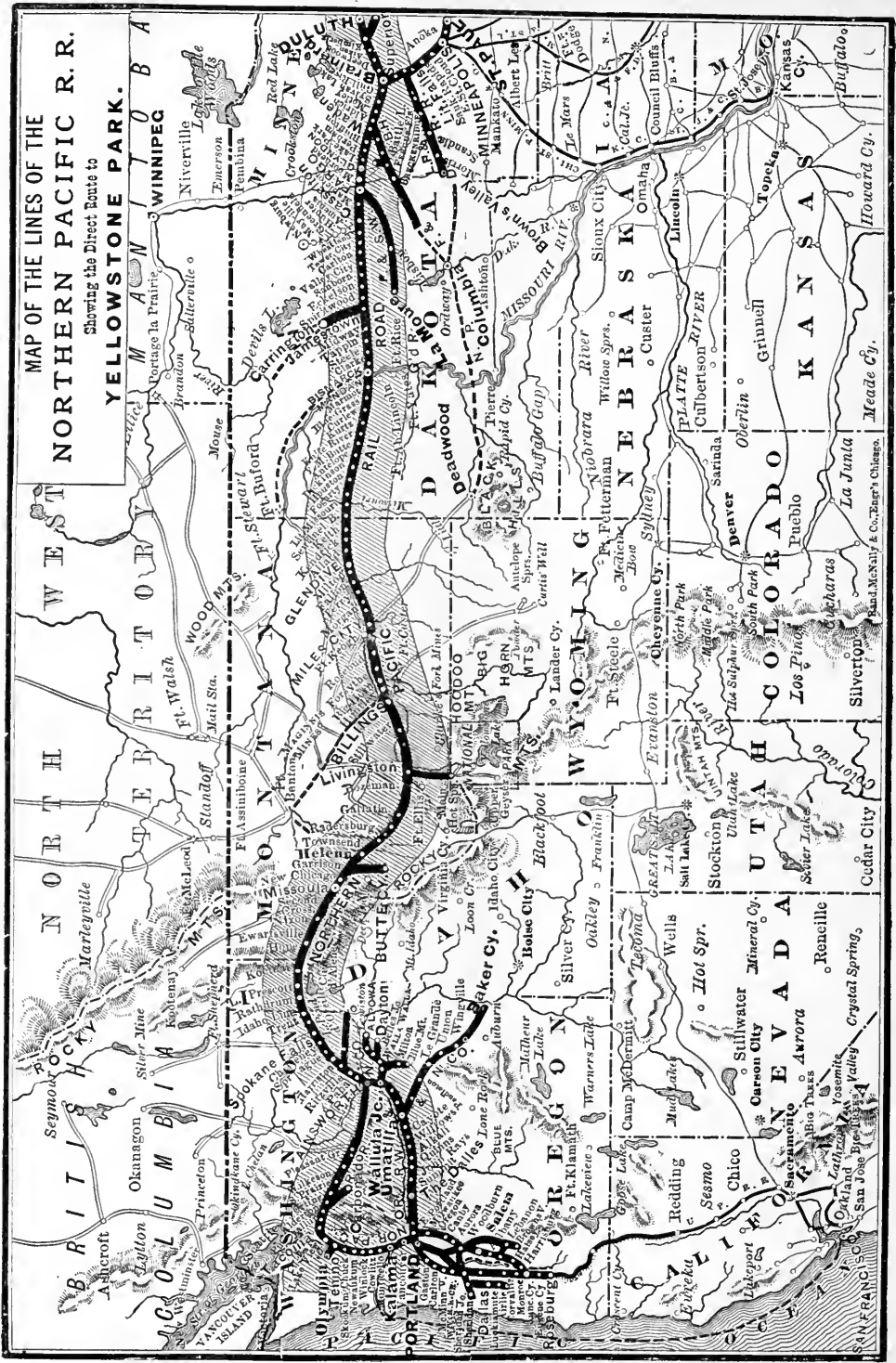
able habit of projecting stones from its enormous crater, which latter it behooves the visitor to carefully avoid, unless at the risk of carrying away with him an undesirable memento of his observations. The throat of this crater is uncommonly large, and one can see down far into its yawning depth through the emerald green water. The boiling flood flows from the rim like a brook into the river close by. From here the way leads to the Lower Basin where numerous hot springs and one large paint pot are to be seen. These require no particular mention, being in all essential characteristics similar to the others. There are several minor geysers also; one, the



Bee Hive Geyser.

“Fountain,” being the most important of the group; but if the tourist makes the mistake of seeing the Upper Geyser Basin first, he is apt to slur the attractions here and to hurry back involuntarily to the hotel in search of the much-needed rest to which he is now fairly entitled.

**MAP OF THE LINES OF THE
NORTHERN PACIFIC R. R.
Showing the Direct Route to
YELLOWSTONE PARK.**





Pyramid Park of Dakota.

ABOUT forty miles west of Dickinson the railroad enters the famous "Bad Lands" or "Pyramid Park" of the Little Missouri, which cover an area of perhaps 10,000 square miles, or a tract about 200 miles long by 50 miles wide. They were named Bad Lands by the Indians, who found them difficult to get through, and were obliged to perform circuitous journeys by winding around the buttes in very narrow and broken trails at the base of these curious, conical and angular projections. The general elevation above the sea is about 2,500 feet, and the climate is superb. The geological formations are so eccentric, the fossils so numerous, and the features of the landscape so startlingly grotesque, that the country will always possess an infinite interest to the scientist; game is so plentiful and so easily reached that the sportsman will find it a paradise; and the grass is so nutritious and the shelter so complete that the ranchman will hold it a better range than can be found anywhere as near the market.

Hundreds of ambitious writers have attempted a description of them with only comparative success. The charm of the landscape is found in the wonderful colors, the reds and grays and greens and browns with which these enormous masses of conglomerate are bedecked; enormous masses in all sorts of fantastic and grotesque forms, towers, and pillars, and peaks, and domes, and pyramids, and shapes that are unlike anything seen outside the limits of a nightmare's ride.

One day the land is supposed to have been level, a high plateau underlaid with beds of lignite, topped with stratas of clay. The coal caught fire and baked the clay; the surface caved in when the fuel was exhausted, and the masses which were left unburned now stand alone in gorgeous splendor and in fantastic forms that can not be represented in words. Some of the fires which produced these wonderful results are still burning. These subterranean fires can be seen with only a six miles ride from Little Missouri Station, either by pony or wagon, and the traveler who has never witnessed them should stop over a train for this especial purpose.

On approaching them the smell of sulphur becomes very distinct, and the intense heat will not permit too near an approach, but near enough to remind the visitor of the hereafter.

The "Pyramid Park" is a part of the scenic attractions of the Valley Route to the Pacific Coast. From these we pass on to the "National Park" or "Pleasure Garden" of the American Continent, which will be reached by the Northern Pacific in July, 1883.

A Talk with the Traveling Public.

Do not forget, in planning your pleasure excursions and business tours for this year, that the Northern Pacific Railroad will be completed in August, and will open the most attractive 2,000 miles of railway travel in America. Before the connection is made between the ends of track advancing from the East and the West, you can pass over the gap of the Rocky Mountain region in comfortable Concord coaches. You need not wait for the line to be finished to start over it for the Pacific Coast. The ride across the Rockies on top of a stage coach will be among the most delightful experiences of your trip.

We have space here only to make brief mention of a few of the striking, beautiful and wonderful features of the journey across the continent by the Northern Pacific Road. You will see, first, the busy, trim cities of St. Paul and Minneapolis, and the Falls of St. Anthony, where the Mississippi River turns the wheels of the largest flouring mills in the world. The big lumber mills in the pineries of Northern Minnesota will be worth seeing, and also the Lake Park region of Western Minnesota, where there are more beautiful lakes, abounding in fish, than you can easily count. Farther on comes the broad, rich plain of the Red River Valley, fast becoming an immense wheat field. Stop a day at Fargo or Moorhead, and a day at one of the bonanza farms.

After passing Valley City, Casselton, Tower City and Jamestown, about 200 miles west of Fargo, you cross the Missouri River on the new Bismarck Bridge, near the young city named after the great German statesman, and traveling 150 miles more through green valleys, come to the famous Pyramid Park, a region of wonderful petrifications, mountains of red terra cotta, burning coal seams baking the superimposed masses of blue clay, and strange and grotesque rock formations.

Reaching the Yellowstone at Glendive, you journey up that lovely stream for 340 miles, through Miles City, Billings and other new towns, to Livingston, where you should leave the main line and make an excursion of about 60 miles to see the giant geysers, magnificent waterfalls and other wonders of the Yellowstone National Park. Returning, you pursue your journey across the first range of the Rockies at Bozeman, run north 100 miles to Helena, cross the main Divide, and then proceed with the course of the streams all the way to the Pacific Coast. At Helena you should stop to see the neighboring gold and silver mines, where the quartz rock is mined and crushed. Visit the Sulphur Springs. Near Garrison, west of the Divide, you can see hydraulic mining on a large scale.

The wild cañon of Hell Gate River, the fertile valleys of the Bitter Root and the Missoula, the Flathead Indian Camps on their reservation, the Jocko and Flathead Valleys, and the valley of Clark's Fork hemmed in by lofty forest-covered mountains, will next invite your interest. Then comes Lake Pend d'Oreille, far more beautiful than Lake George; then the impressive double falls of the Spokane River, and a day later all the varied and fascinating scenery of the mighty Columbia.

At last comes the rich and pretty city of Portland, from whose streets you can see five magnificent snow peaks. Then you go still farther, and see the deep blue waters of Puget Sound, mirroring the gigantic white forms of Mount Tacoma and Mount Baker, the great saw-mills, the neat towns nestling in the fir forests, and if you wish to journey so far, the handsome capital of British Columbia, Victoria, and the broad Strait of Juan de Fuca, from which rise the precipitous walls of the Olympian Mountain Range.

Do we need to say more? Yes, one word about the comforts of travel. Pullman Cars, the finest in the land, are run from St. Paul to the termini and National Park, and Dining Cars, in which meals will be served at 75 cents; Horton Reclining Chair Cars are also run between Fargo and Mandan. There are no deserts, no alkali plains, and no regions where a man and his purse are not safe at all times.

LOCAL STAGE TARIFF

— FROM —

Northern Pacific Terminal Station.

(APPROXIMATE RATES.)

	Railroad Terminus.	Mammoth Hot Springs	Norris Geyser Basin.	Lower Geyser Basin.	Upper Geyser Basin.	Lake Outlet.	Lower Falls.	Tower Creek Falls.	Hot Springs.	Railroad Terminus.
Railroad Terminus ...	R. R. Terminus.	\$1.00	\$5.00	\$8.50	\$10.00	\$17.00	\$20.00	\$23.00	\$24.00	\$25.00
Mammoth Hot Springs	5	Mamm'h Hot Springs.	4.00	7.50	9.00	16.00	19.00	22.00	24.00	25.00
Norris Geyser Basin ...	32	27	Norris Geyser Basin.	3.50	5.00	12.00	15.00	18.00	21.00	22.00
Lower Geyser Basin...	56	51	24	Lower Geyser Basin.	1.50	8.50	11.50	14.50	18.00	19.00
Upper Geyser Basin	65	60	33	9	Upper Geyser Basin.	7.50	10.00	13.00	16.50	17.50
Lake Outlet.....	114	109	82	58	49	Lake Outlet.	3.00	6.00	9.00	10.00
Lower Falls.....	133	128	101	77	68	19	Lower Falls.	3.00	6.50	7.00
Tower Creek Falls....	153	148	121	97	88	39	20	Tower Creek Falls.	3.50	4.00
Hot Springs.....	176	171	144	120	111	62	43	23	Hot Springs	1.00
Railroad Terminus ...	181	176	149	125	116	67	48	28	5	R. R. Terminus.

(MILES.)

Local Rate, between Lower Geyser and Riverside, \$2.00

Local Rate, between Jack's Bridge and Soda Butte, 3.00

To all other points in the Park, ponies with guide, \$2.00 to \$4.00 per day.



Hints to Travelers.

TO "tip" the sleeping-car porter is customary but not necessary.

Before starting on a journey, become familiar with the route and names of hotels where you expect to stop, thus avoiding importunities of hotel runners.

Never travel with just enough money, but carry sufficient to provide for any possible emergency.

Wear but little jewelry, and keep the larger part of your money in some inside pocket, out of sight.

Look out for yourself, allowing no stranger to procure your ticket, or get checks for your baggage.

Purchase tickets of authorized agents (thus saving an extra dime or so); then proceed to the baggage room with ticket in hand, get your baggage checked, place the checks where they will be safe, and enter the numbers of checks in your memorandum book.

Show your ticket on entering the train (as this is required by most roads now).

You are at liberty to choose sittings from the vacant seats, but custom has made the rule that some article deposited in a seat secures it for the holder, but no passenger has a right to monopolize space to the inconvenience of others.

A ticket entitles its owner to one sitting, which is one-half of a seat; therefore, if one-half of a seat is vacant, you are at liberty to occupy it; asking the occupant of the other half if you can sit with him is not required, only, if you elect to do so, as an act of courtesy.

Gentlemen will not see ladies standing, without at least offering to resign their sitting to them—cases of illness only excepted.

Avoid raising windows when it is apparent a draft from it will be directed to those sitting near you. First obtain their consent.

Have due regard for the rights and comforts of your fellow travelers, thus teaching them by your example to respect yours.

If you want information regarding changes of cars, rechecking baggage, route, etc., inquire in advance of the conductor or of those whose badge of office establishes their identity.

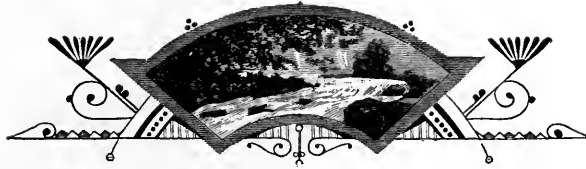
Remain seated until the train comes to a full stop.

Always close the door on entering or passing from the car, unless you are followed by others.

In making changes, transfers, etc., take an omnibus or follow the crowd; these are safest.

Civility should be practiced by all, and it should also be understood that it is equally commendable whether practiced by the railway employe or the passenger.

Politeness is not thrown away even on a railroad train, and a proper regard for the rights of fellow travelers is due from every one.



EXCURSIONS TO ALASKA.

“The Land of the Midnight Sun.”

DURING the coming summer THE PACIFIC COAST STEAMSHIP COMPANY will conduct a series of excursions to Alaska and points of interest along the coast. One of the large and elegant steamers of this line will leave for Alaska, touching at Portland, Oregon, about the first days of June, July and August; touching at Victoria and Nanaimo, B. C.; Port Townsend, W. T.; Wrangel, Sitka and Juneau, Alaska, returning to Portland; making the round trip in twenty days. The accommodations on these steamers are unsurpassed for comfort and luxury. The table will be equal to that of any hotel in the world. Meals and berths will be furnished without additional charge. There will be excellent music for dancing and promenading, and no pains will be spared to make the trips enjoyable and entertaining. Passengers will have the liberty of stopping off at Portland, and making side tours up the Columbia and Willamette Rivers. Tickets for these side tours will be sold excursionists at 40 per cent. less than regular rates, and same reduction will be made for side tours in Puget Sound.

Tickets will be good from Portland, either by the Alaska steamer, or by river steamers to Kalama, thence via Northern Pacific R. R. to Puget Sound, and thence by steamer to Victoria, meeting the Alaska steamer at latter point. The trip will be made largely through inland seas, thus avoiding sea-sickness, and detours will be made up unfrequented arms of the sea, for the purpose of viewing the grand icebergs and glaciers for which this country is noted.

These excursions offer unequalled opportunities to visit this truly wonderful region, and the trip can not fail to be an interesting one throughout. Commencing with the picturesque coast scenery from Portland, the beautiful views along the banks of the Columbia and Willamette Rivers, the magnificent scenery of the Puget Sound region, the novel trip through the inland seas, the mountains, glaciers, icebergs and wonderful scenery of the “Land of the Midnight Sun,” all combine to make a trip to be enjoyed and remembered.

Cost of tickets for the round trip, Portland to Alaska and return, \$95. These rates include berths and meals on excursion steamer. Passengers making side tours on river and sound steamers will have to pay extra for berths and meals, 50 cents each.

Accommodations on the steamer will be secured on application to the undersigned, with a deposit of \$20.00. In this connection would say that it is advisable to secure accommodations as early as possible, as only a limited number can be taken. For further information, apply to

JOHN MUIR,

Sup't of Traffic,
Portland, Oregon.

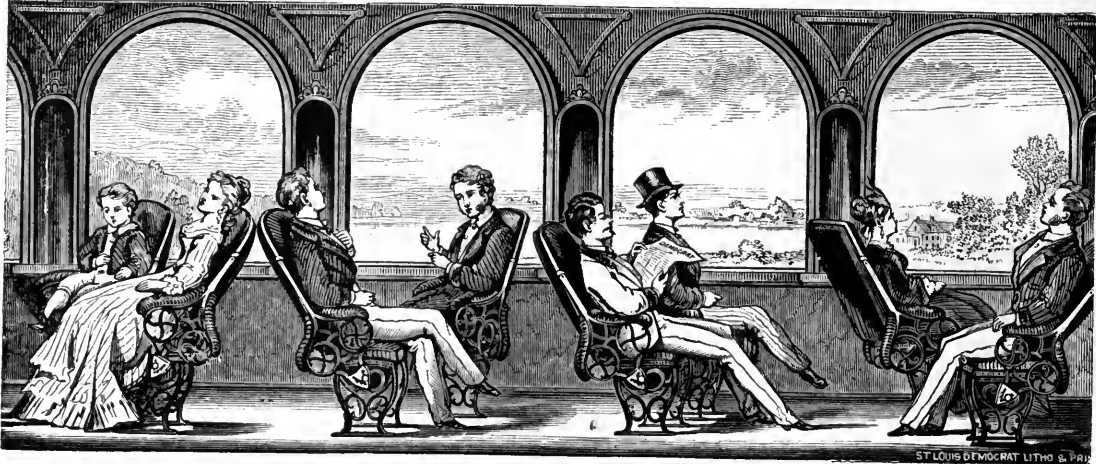
A. D. EDGAR,

Gen'l Eastern Agent O. R. & N. Co.,
52 Clark Street, Chicago, Ill.

G. K. BARNES,

G. P. & T. A., N. P. R. R.,
St. Paul, Minn.

HORTON RECLINING CHAIR CARS ARE RUN BETWEEN FARGO,
BISMARCK AND MANDAN.

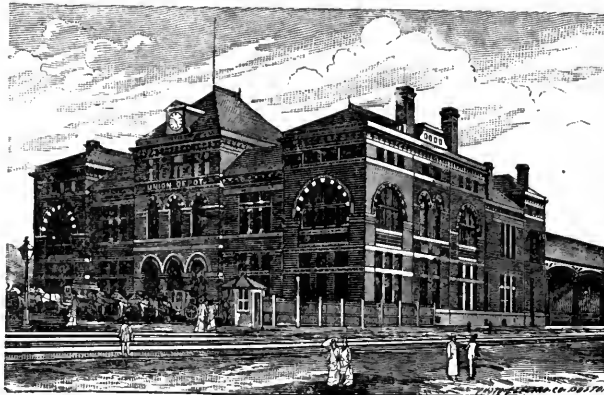


Charges in these Cars are as follows:

Between Fargo and Jamestown, -	50 cents.	Between Fargo and Bismarck, .	75 cents.
“ Jamestown and Bismarck, 50 “		“ Fargo and Mandan, .	75 “

Tourists will appreciate this new feature, which will give additional comfort,
at a very moderate expense.

All Trains of the NORTHERN PACIFIC
leave from and arrive in the
Union Depot in
St. Paul,



UNION DEPOT. ST. PAUL, MINN.

In which Trains of all its Eastern Con-
nections also arrive and depart,
and of which this is a
correct cut.



Dining Cars.

THE NORTHERN PACIFIC RAILROAD is now equipped with a line of the finest Dining Cars on the Continent, in which first-class meals are served at

75 CENTS EACH.

These Cars are new, from the Pullman Car Works, built expressly for this Company, and will be run and operated exclusively by the Northern Pacific Railroad Company, under the direction of an efficient and experienced Superintendent.

Tourists, prospectors, and all classes of the traveling public, will at once recognize this as one of the leading features of this already popular route to Minnesota, Dakota and Montana; and will appreciate the comforts to be derived from this specially attractive feature in modern travel.

To eat when you feel like it, and get what you want,
 Is the traveler's enjoyment when taking a jaunt;
 Tourists, Artists and Sportsmen, who are on the look out,
 For solid comfort, and a picturesque route.
 Take the NORTHERN PACIFIC, and in Dining Cars fine
 Enjoy the YELLOWSTONE ROUTE and MONTANA SHORT LINE.

CHICAGO, ST. PAUL & MINNEAPOLIS LINE,

COMPOSED OF THE

CHICAGO & NORTH-WESTERN

— AND —

CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHA R'YS.

☞ Tourists and others *en route* to the Summer Resorts of Minnesota and the Yellowstone National Park, who desire all the comforts and pleasure of travel, should patronize the old established and favorite CHICAGO, ST. PAUL & MINNEAPOLIS LINE.

☞ It is the shortest and best equipped passenger line between Chicago and St. Paul, Minneapolis, and all points on and reached by the great Northern Pacific Railroad.

☞ At St. Paul and Minneapolis trains of this line connect in same depots with trains of the Northern Pacific Railroad, and passengers, whether in sleepers or day coaches, have no changes of cars between Chicago, St. Paul and Minneapolis.

☞ The Chicago, St. Paul & Minneapolis Line is first class in all its appointments, runs new and elegant day coaches, luxurious smoking room sleepers, and the finest dining cars in the world, and is the only line between Chicago, St. Paul and Minneapolis that runs dining cars of any description.

☞ By taking this line passengers have choice of route via Milwaukee and through Waukesha, the famous health and pleasure resort, and also visiting other attractive resorts in Wisconsin *en route* to the resorts of the Golden Northwest.

☞ Through tickets over this line are for sale at all principal railroad offices throughout the country, and at Chicago & North-Western Railway offices in Chicago and Milwaukee, where sleeping car accommodations and all information can be secured.

☞ For pamphlet describing the summer resorts reached by this line *en route* to the Yellowstone National Park and great Northern Pacific country, address

J. D. LAYNG,

General Superintendent,
Chicago & North-Western Railway.

W. H. STENNETT,

General Passenger Agent,
Chicago, Ill.

Tourists and others returning from the Northwest can secure sleeping car accommodations to Chicago and all information about Eastern Connections with this line, at Chicago, St. Paul, Minneapolis & Omaha Railway offices in Minneapolis and St. Paul.

J. H. HILAND,

General Traffic Manager,
Chicago, St. Paul, Minneapolis & Omaha Railway.

T. W. TEASDALE,

General Passenger Agent,
St. Paul, Minn.

THE GREAT NATIONAL ROUTE
TO THE
YELLOWSTONE NATIONAL PARK

IS VIA THE

“SHORT LINE”

OF THE

CHICAGO, MILWAUKEE & ST. PAUL RAILWAY

VIA

Chicago, Milwaukee, La Crosse, Winona and St. Paul.

DURING THE SUMMER SEASON

EXCURSION TICKETS
TO THE
YELLOWSTONE PARK

AND TO ALL THE

SUMMER RESORTS IN WISCONSIN, MINNESOTA AND IOWA,

WILL BE SOLD BY THE CHICAGO, MILWAUKEE & ST. PAUL RAILWAY.

TICKET OFFICES:

IN CHICAGO—Are at No. 63 Clark Street; Grand Pacific Hotel; Palmer House, and at Union Passenger Station, corner Canal, Madison and Adams Streets.

IN MILWAUKEE—At 400 East Water Street, and at Union Depot, corner Reed and South Water Street.

IN ST. PAUL—At No. 162 East Third Street, and at Union Depot.

IN MINNEAPOLIS—At No. 7 Nicollet House, and at Passenger Depot.

S. S. MERRILL, Gen'l Manager,

A. V. H. CARPENTER, Gen'l Pass. Agt.,

J. T. CLARK, Gen'l Superintendent,

GEO. H. HEAFFORD, Ass't Gen'l Pass. Agt.

MILWAUKEE, WIS.

The New Pullman Sleepers of the Northern Pacific Railroad.

THESSE Sleepers justly deserve the popularity they have attained. The general traveling public pronounce them as superior in every appointment, "and the best in use."

Why?—Because neither money, time nor trouble have been spared, nor opportunity omitted, nor invention ignored that could be made practicable or useful in them. They embody everything that can be desired or be of use for the comfort of the traveler. They fill all of the purposes for which Sleeping Cars were invented, viz.: **Rest, Quiet, Comfort, and Safety on the Road.**

In them are **Elegance, Comfort, Neatness, Convenience and Safety** combined.

Elegance.—None but the best material is used in constructing, equipping and furnishing these cars. Modern patterns and tastily arranged designs, all harmonizing together, give both the exterior and interior of the car a palatial and brilliant appearance.

Comfort.—It is needless to say that a car of this sort furnishes a "home," with a parlor and bed-chamber containing every convenience desired, a porter to attend to the wants and look after the comfort of its occupants, keeping proper ventilation and even temperature, etc.

Neatness.—Everything about the car, its apartments, closets, toilet-rooms, etc., etc., are kept neat, clean and pure, the car being thoroughly renovated at the end of every trip, making it impossible for insects or filth of any sort to accumulate or remain in them. The bed linen is never used the second time before washing; the combs, brushes, towels, etc., are especially cared for.

Convenience.—They are composed of sections, closets, smoking rooms, etc., and so arranged as to permit the occupants being entirely quiet and as secluded, if desired, as at home, and surrounded with every convenience and comfort of a modern home.

Safety.—Under the system with which the Company conducts its business, a competent and reliable Conductor and Porter accompany every car for the express purpose of looking after the interests of the passengers and Company. Passengers can retire at any hour they desire, and in doing so feel perfectly secure in every way, as the Porter or Conductor is continually on duty to care for and protect the passengers and their property.

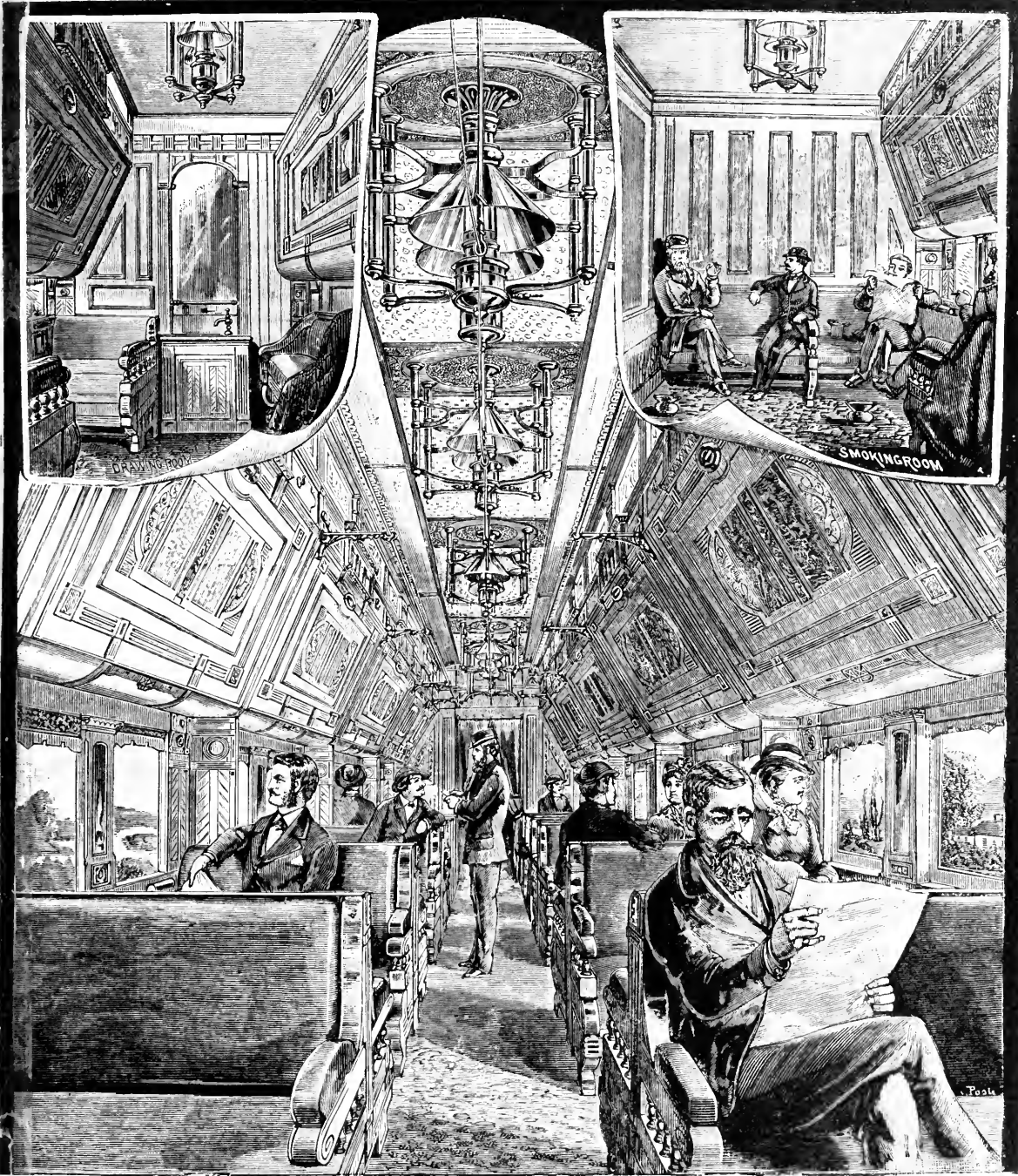
These cars are run on all night trains of the Company between

ST. PAUL AND BOZEMAN. ST. PAUL AND NATIONAL PARK.

PULLMAN SLEEPING CAR RATES

BETWEEN ST. PAUL OR MINNEAPOLIS AND

	Double Berth.	Section.		Double Berth.	Section.
Brainerd.....	\$1.50	\$3.00	Glendive.....	\$ 5.50	\$11.00
Fargo.....	2.00	4.00	Miles City.....	6.00	12.00
Moorhead.....	2.00	4.00	Billings.....	8.00	16.00
Jamestown.....	2.50	5.00	Bozeman.....	9.00	18.00
Bismarck.....	3.00	6.00	National Park.....	9.00	18.00
Mandan.....	3.00	6.00			



Interior View of the New Pullman Palace Sleeping Cars, now Running on the Northern Pacific R. R.

The
Yellowstone
Park
ROUTE.



Is the

Northern Pacific Railroad

