

NATIONAL PARKS.

Spots Which Adorn Uncle Sam's Domain.

The project to again turn Mackinac Island over to the care of the federal government has given rise to general satisfaction, independent of the local objection with which the State of Michigan relinquishes a task assumed years ago apparently without any cost. There is no finer domestic in the United States than the park on Mackinac Island and that is deserving of more careful preservation not alone for its historic associations but for the delight and instruction of visitors in all the years of its future.

National parks have their uses aside from the purely aesthetic or even from the utilitarian conception of what the establishment of old Fort Mackinac might mean in case of another dispute with Canada or Great Britain. They are valuable as tending to shut out personal or private aggrandizement on territory that by common consent should be reserved as the property of the whole people.

The coming years will show the wisdom of setting aside Yellowstone Park from the cupidty of promoters and speculators, who would fence around every spot of natural beauty if left to themselves. No greater advance has been made in the preservation of public lands than when the Niagara Falls park was taken out of the hands of the private speculators and made a charge of the whole people.

There is something intrinsically just in preserving for all time the right to view, without extortionate charges, the many spots of America, and in the complexity of modern civilization it falls to the lot of the central government to preserve this freedom from individual ownership and special taxation for visitors.

The battle fields of Gettysburg and Chickamauga, the national cemetery at Arlington and kindred spots have in their turn special associations that will in the years go by become more and more sacred to American sentiment and the source of patriotic inspiration. It is a peculiar commentary on the average tendency to disparage private ownership of historic grounds that wherever such ownership exists the people soon learn to stay away.

There can be no better illustration of the wisdom of national parks than the record of constantly growing visitations and public interest in every case where such parks have become the care of the federal authorities. There is still another reason for such care, as private ownership, or even association ownership, has been proved utterly inefficient against vandalism and desecration.

There are countless beauty spots in the United States that future generations will gratefully continue to preserve in their pristine beauty if the present generation begins the task of preservation with wisdom.

Novel Use for Tidal Power.

Various plans have been suggested at different times for the utilization of the energy developed by the rise and fall of the tides, but the intermittent character of the power has usually prevented any satisfactory solution of the problem. There is, however, one instance in which tide power has been quite successfully applied in a very simple manner. Among the river front at Liverpool there is a tendency for the accumulation of all silt against the dock walls, requiring occasional dredging for its removal. Instead of using scoop dredges, this mud is removed at different periods by the use of tide power in the following manner:

Along the base of the dock walls is laid a pipe, perforated with holes, directed outward, this pipe being connected with the interior of the dock system, and suitable valves being provided to permit or check the flow of water. When the tide is very low, and consequently the head of water measured from the surface in the docks is at its greatest, a sudden opening of the connection permits a rapid flushing action of the water escaping through holes in the pipe at the base of the walls, scouring out the mud and driving it out into the river to be carried away. As the tides at Liverpool average about twenty-five feet or more, it is evident that this simple form of dredging apparatus may be very effective, and as the times chosen for using it may be selected when the supply of water is greatest, it does not interfere with the regular use of the docks. Ultimately economical forms of power storage will render the equalization of tide power commercially practicable, but at the present time this example serves to demonstrate the fact that solar and lunar attraction, as expressed by the tides, have been harnessed in a small way at least.—Cassier's Magazine.

Every Preparation.

"Yes," said Lieut. Peary, as he looked about him preparatory to starting for the north pole again. "Yes, we have made every possible arrangement for our journey. We are prepared to face the coldest kind of climate."

He paused a moment and added sternly:

"We shall even start from Boston."—Cincinnati Commercial Tribune.

Possibly it is the mean people who start the bad "stories," but the good people keep them going.

CAN'T HELP TELLING.

No village so small.
No city so large.

From the Atlantic to the Pacific, names known for all that is truthful, all that is reliable, are attached to the most thankful letters.

They come to Mrs. Pinkham, at Lynn, Mass., and tell the one story of



physical salvation gained through the aid of Lydia E. Pinkham's Vegetable Compound.

The horrors born of displacement or ulceration of the womb:

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All, all—sorrows and sufferings of the past. The famed "Vegetable Compound" bearing the illustrious name Pinkham, has brought them out of the valley of suffering to that of happiness and usefulness.

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A Novel Bridge at Rouen.

Engineers are naturally interested in the novel work which has lately been undertaken at Rouen, France, called a "pont transbordeur," serving all the purposes of a bridge, while not interfering with the free passage of ships, even with those with masts 150 feet high. Two small Eiffel towers are to be erected—one at each bank of the Seine, three-quarters of a mile below the lowest existing bridge at Rouen—and a narrow iron bridge will be suspended by chain cables between their heads. It is to be not less than 160 feet from the level of the quays, but it is not intended either for carriages or for foot passengers. Several lines of rail are to be carried along it, and on these a skeleton carriage or platform on wheels will run; this will be dragged from side to side of the river by steel ropes passing over a driving wheel, to be worked by steam or electricity from one of the banks. To the skeleton platform will be hung, by steel hawsers, at the level of the quays, or 160 feet below the bridge, the transbordeur—a strong carriage—within which passengers and vehicles will be transported from one bank to the other. This carriage is to be 40 feet in width by 33 feet in length; the electric tramways running on the quays on both sides of the river are to make connection at this point, and this transbordeur will be fitted to carry the tramcars so that passengers by them will cross the river without changing their seats.

Parisian Revenues.

Paris gets its revenue chiefly from the octroi duties, which now yield more than \$31,000,000 a year, and the cost of collecting which is about \$2,000,000. Every article of consumption brought within the fortifications of Paris, whether food, fuel, or building material, is subject to these duties. There is also a tax of 10 per cent on the amount of rent paid by each tenant, a license tax on business, a window tax and a dog tax. These produce about \$18,000,000 a year. About \$3,000,000 comes in the form of contributions from the republic toward the maintenance of the police department and the streets. About \$15,000,000 comes from "what are strictly municipal revenues," which "are derived from such sources as rentals paid by the gas companies—over \$3,000,000—returns from the fertilizing sewage, \$3,400,000, and public markets, \$1,800,000. What are called the extraordinary expenses of Paris are devoted, like our own, says the Milwaukee Sentinel, to the carrying out of new public improvements and the construction of public buildings and are provided for, like ours, by the issue of bonds. Their annual average varies between seven and eight millions of dollars."

Keeps His Eyes Open.

King Chulalongkorn of Siam keeps his eyes open and asks more questions than Li Hung Chang. At Budapest he enjoyed himself so much eating gulasch, listening to Hungarian bands, attending harvest festivals and inspecting studs that he stayed two days beyond schedule time. He expressed his opinion of newspapermen as follows: "The newspaper reporters must have the best places and the greatest honors because they see for thousands."

Morphine Fiends in America.

A Parisian work on the morphine habit says it is most prevalent in Germany, France and the United States, and, strange to say, that the medical profession furnishes the largest number of morphinists, 40 per cent. Men of leisure come next with 15 per cent, then merchants, 8 per cent. Of 1,000 fiends 650 were men and of the female victims women of means furnished 43 per cent and wives of medical men 10 per cent.

State Flowers and Suffrage.

Those states in which complete or limited woman suffrage has been established by law are those which have taken the lead in the selection of state flowers. Colorado has the Columbine, Idaho the syringia, Montana the bitter root and Utah the sergo lily. The state flower of Nebraska is the golden rod, which is likewise the state flower of Oregon.

Some people have the knack of making other people uncomfortable trying to make them comfortable.

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A vigorous stomach is the greatest of mundane blessings. Sound digestion is a guaranty of quiet nerves, muscular elasticity, a hearty appetite and regular habit of body. Though not always a natural endowment, it may be acquired through the agency of Hostetter's Stomach Bitters, one of the most effective invigorants and blood purifiers in existence. This tonic also fortifies those who use it against malaria, and remedies biliousness, constipation and rheumatism.

A magnetic well of great power has been struck at Bowersville, five miles south of Jamestown, Ohio. The well was drilled 140 feet deep, and at this depth the drill became so magnetized that particles of iron clung to it.

DEAFNESS CANNOT BE CURED

by local applications, as they cannot reach the diseased portion of the ear. There is only one way to cure deafness, and that is by constitutional remedies. Deafness is caused by an inflamed condition of the mucous lining of the Eustachian tube. When this tube gets inflamed you have a rumbling sound or imperfect hearing, and when it is entirely closed deafness is the result, and unless the inflammation can be taken out and this tube restored to its normal condition, hearing will be destroyed forever; nine cases out of ten are caused by catarrh, which is nothing but an inflamed condition of the mucous surfaces.

We will give One Hundred Dollars for any case of deafness (caused by catarrh) that cannot be cured by Hall's Catarrh Cure. Send for particulars, free.

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John Pratt wore at his funeral in Holden, Me., the other day, a fine pair of calfskin boots made for him in 1862 and worn every Sunday since.

August 31st

is the last day of the \$1000 missing word contest.

Schilling's Best tea is wonderfully fresh and fine.

Rules of contest published in large advertisement above at the first and middle of each month. A28

Nicola Tesla, the electrician, says that he has practically perfected an apparatus by which telegraph messages may be sent without wire. He proposes to give a demonstration of his mastery of the electric currents.

Paris harbors a widow, Mme. Julea Lebaudy, who inherited from her husband \$25,000,000. As she disapproves of the way in which he made his fortune, she refuses to use it contenting herself with an income of 6,000 francs.

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N. P. S. U. No. 33, '97.
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March 8, 1897. *Samuel Pitcher M.D.*

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