

From the July Magazines Grant at Mount McGregor—Rails Laid by Machine—How to Know a Mad Dog.

GRANT AT MOUNT MCGREGOR His life at Mount McGregor was necessarily very monotonous. When he was not engaged on his "Memoirs" in his little office adjoining his bedroom he would sit for hours on the porch, reading the newspapers or watching the crowds of sightseers who were constantly about the cottage...

THE ELEPHANT AT BAY. Twenty years of experience tells me that a tame elephant is a more reliable animal than a tame dog. It is not only more reliable, but it is also more useful. It can be trained to do almost anything...

RAILS LAID BY MACHINE. An engineer alone is not sufficient to lay a railroad. It takes a machine to do the work. The machine is a marvel of modern engineering, and it is the only way in which a railroad can be laid with any degree of accuracy...

HOW TO KNOW A MAD DOG. Hydrophobia is in reality so rare and so terrifying that its symptoms and treatment are little understood. As a matter of fact, the commonly accepted expression of madness in a dog is often mistaken for hydrophobia. It is a mistake that can be avoided by a careful study of the symptoms...

THE ALPHABET. And there thou art before me, wondrous host, An army small in numbers, yet the most thoroughly trained in the world. Thy combinations various enthroned. The gods of poesy and song, through thee The noblest minds gain immortality...

THE TRAINING OF A PRINCE. Prince Wilhelm, the Crown Prince of Germany, is now having the unusual experience of being thoroughly trained to rule. He goes daily to the Ministry of the Interior to assist the heads of departments in discharging the many matters that come before them for decision...

ELLEN TERRY'S IMPRESSIONS OF BROOKLYN. When we acted in Brooklyn we used to stay in New York City, and drive over to the city on the Hudson River. There were no trolley cars then. I shall never forget how it looked in winter, with the snow and ice on it, and the hills in the distance. It was a beautiful sight...

Wonderfully well. Then old Mr. Mead did (did he?) the words "Shylock" and was not intended behind his words or what he did. I had such a funny batch of letters on my birthday that year: "Dear, sweet Miss Terry, etc., etc. Will you give me a piano?" etc., etc. Another, "Dear Ellen, I have just received another, a lovely letter of thanks from a poor woman in the most ghastly distress, and lastly an offer of a two years' engagement in America. This was a simple coming-in for one woman acting as the bride in the marriage of the Crown Prince to give him a feeling of overweening self-importance. He was never addressed as 'your imperial highness,' but always merely as 'Prince Wilhelm,' even by the servants. This was in accordance with the Emperor's commands. Discipline was nominally in the hands of General von Dines, but there was never any necessity for stringent measures. On one occasion, according to a newspaper report, the general ordered the servant to give the prince a glass of water instead of wine, after he had already taken several glasses of the latter. His companions described him as amiable and free from conceit and selfishness. Professor Esterlin, in summing up his view of the Crown Prince's mental characteristics, said, to the writer: 'He has a quick mind that goes at once to the essential points of any subject; he has the mental qualities necessary for a ruler.'—William C. Dreher, in The World's Work.

SOME REAL JOYS OF VACATION DAYS. The man who has awakened each day to the innoxious ringing of an alarm clock, who has hastily washed himself, bolted a breakfast, and then made a mad dash to reach his desk by 8:30 o'clock, is the man who knows the real meaning of a summer vacation. It is at Utopia, where there are no alarm clocks, where one may get up when he pleases and issue a deft to the boss every day during the entire period of his outing. In his mind's eye vacation means sun, sea, sky, and rest, and play, and freedom from care.

THE WINE OF THE HILLS. Of all the drinks I ever knew, From Chateau wines to handysaff, From soft cream ale fresh from the brew, Or champagne full of life and laugh; However nutty, bad and rare, There's none that so entrances me As good, crisp, fresh brewed mountain air!

WONDERS OF MODERN MEDICINE. Just as quinine acts to counteract malaria, so the antitoxins counteract the symptoms of the various diseases in which they are used. If used early in the disease they are the most effective, and even if used late they are of service. This is proved by the fact that in 1898, before the antitoxin of diphtheria was used, there were 6,468 cases in New York hospitals, of which

ONE OF THE WORLD'S BIGGEST TREES. Calcutta is proud of possessing the biggest banyan tree in the world. Of the fig order, the banyan is peculiar for sending down aerial roots which penetrate the soil, in turn becoming trees or trunks. In this way one tree in the course of time may form thousands of props. The Hindus assist the development of the aerial roots by preparing the soil and by protecting the young roots within bamboo tubes as they approach the ground. Of extraordinarily rapid growth, the banyan—which produces an abundance of gum lac and the bark of which is used as a tonic by Hindu physicians—frequently covers a space of 100 to 150 yards in diameter and 80 to 100 feet in height.

THACKERAY'S SUBSTITUTE. Many American readers of Thackeray have wondered how he was able to write so graphic and correct an account of George Warrington's escape from Fort Duquesne, on his journey through the wilderness to the banks of the Potomac, as Thackeray had never seen the magnificent valley through which his gallant hero fed after his daring escape. It will be a surprise to many people to hear that Thackeray never saw the chapter at all, but that the well known author, John P. Kennedy did. This is the story as Colonel John H. B. Latrobe once told it.

THE MOUNTAIN. Each builds his world forever, dark or bright, And sits within his separate universe. The shepherd sees in this green mountain top The place where he would wander and grow fat. What to the drover is this hillied pool? A hollow for his swine to wallow in. Gold hunters find upon this rocky peak Nothing but edges of the mountain picks. But to the poet is this soaring height, Smokes with the footsteps of the passing God! —Edwin Markham, in Nautilus.

A REMARKABLE EXPERIMENT. It is established beyond question that a horse can be brought up and worked more than ordinary by a special method. Now the ordinary horse does not reach his full power, that is the maximum of what he can do upon the track, until he is four or five years old. All the best prizes are offered for two and three year olds and it is not until he is four that he reaches his full strength. It is not until he is four that he reaches his full strength. It is not until he is four that he reaches his full strength.

HOW WE GET OUR ONE-CENT PIECES. The evolution of our present one-cent coin is one of the most interesting facts of American coin history. Every one will concede that the very meek and feminine looking Indian on the face of this coin is nothing short of ridiculous; its symbolism is meaningless, its design is unattractive. It was out of this coin portrait of the terrified woman whose back had broken from its moorings to be immortalized in the penny of 1793—the penny which was the characteristically red justly criticized—that the characteristically red penny on our 1-cent pieces has grown. The streaming hair of the 1793 model was carefully combed back in the 1794 penny, and in 1795 the hair was combed nearly arranged and on the back of her head a little cluster of saucy ribbons. Then after passing through a strange and wild metamorphosis, in which there was a mixture of Greco-Toucan types, this same reformed female comes

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into being once more on the \$1 and \$3 gold pieces. The \$1 piece was originally bedecked with a high headgear of ostrich plumes. It was an easy transformation from curled plumes to straight feathers as worn by the American Indian chiefs; that the Colonial girls' features put atop them did not seem to perturb the stolid designer of our copper currency. And so to-day we have millions of red pennies afloat, and still other millions being constantly issued from the mint. Several times in 1839, which as works of art are nil, as pieces of practical or commercial symbolism are entirely without meaning and as money are too low in denomination to command a miser's respect except in enormous quantities.

ANECDOTES CONCERNING ANIMALS. I once owned an Irish setter that I educated for retrieving birds, especially waterfowl. Often when shooting a duck near the shore of some wide stream furthest from me I have seen him take the bird and go on shore, shake himself, then then pick up the bird and bring it to me. Did he not do as a man would, if tired, and why not from the same reasoning process? He used to be allowed to take his afternoon nap on a bed in an adjoining room at camp, until I had my family with me, and then it was thought not the proper thing to allow. He seemed much disappointed in finding that the dog was not to be allowed to nap, and he would sit up and look at me and after a while he would get up and go to the door and knock at it for a while and be unable to enter he deliberately put one paw into the slight opening and then it open same into the room. I left the door ajar to test his reasoning powers, and he would after that go and open the door as readily as a person. Did he not reason?

FISHES' FACES. Did you ever stop to examine the expression on the face of a fish? I do not mean of some notoriously grotesque fish, but of just an plain seafaring fish. I confess that the fascination for me is the same whether I stand in front of some great collection of little monstrosities like that in the Naples aquarium or whether I sit by my dining room window and contemplate the gold fish in my little boy's glass bowl. People watch the monkeys at the Zoo and remark how human they are, how shy and crafty the old ones, how "cute" and playful the young ones. But for steady company give me the fish. How restless they are with their balancings, as they are in the water, and how they will be so near you that you will be sure to see them. How quiet, too, for not one word of murmured protest or of chattering faultfinding do they inflict upon us! How philosophical, as they take their sun-baths, and how they will be so near you that you will be sure to see them. How quiet, too, for not one word of murmured protest or of chattering faultfinding do they inflict upon us! How philosophical, as they take their sun-baths, and how they will be so near you that you will be sure to see them.

THE CALL OF AFRICA. There is one profession—and only one—that a man can't be trained into or kicked into, or driven into, unless he has a natural love for it. It will be worse than useless in it, for he will never be able to stand the grueling he is bound to see in it. That is my profession—ivory hunting. You can make a lawyer, or a merchant, or a banker, or even a doctor, or a sailor out of almost any man of average intelligence, but you can't make a hunter out of him unless he has a natural love for it.

WISDOM IN A BRICKYARD. A very sensible bit of advice expressed in homely language was given by a man not long ago to an excitable and quarrelsome friend. It was in a brickyard, and the scene was being played out in an angry dispute, which culminated in a severe encounter. In the skirmish one of the combatants was nearly hurt on the head, and the action, who happened to be the referee, stepped in and, after a few words, the matter was being discussed by a number of workmen who had gathered about. While the matter was being discussed by a number of workmen who had gathered about, the whole affair, made his way to the man with the damaged cranium, and said: "You just go to the chemist's shop and get yourself two pieces of plaster—good, big ones—and put one over each eye. You'll be all right in ten minutes, and you'll be all right in ten minutes."

AN ENGLISH TURF TRAGEDY. The death of St. Simon, perhaps the greatest racehorse of his generation, recalls an almost forgotten incident of the turf. Half an hour before the race for the Two Thousand Guineas of 1883 Prince Bathurst, who bred St. Simon and who was one of the most popular racing men of any time, was talking with Lord Casagran in the luncheon room of the Jockey Club stand at Newmarket. He suddenly realized and fell. He was carried to Weatherly's office and doctors were summoned; but the prince was beyond all human aid, and just before the bell rang for the race for which his colt Galliard, brother of St. Simon, was first favorite he breathed his last. A few minutes later the clear blue sky rang with cheers and shouts as the horses came thundering along, which rose into a roar as Galliard won by a neck, while behind the drawn blinds of Weatherly's office Galliard's owner, who had been looking forward so eagerly to the death of his own "pet" St. Simon, was weeping bitterly. "The turf," said Weatherly, "would almost certainly have been a Waterloo."

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