CUTTING A STICK. John Randolph's Tender Love for All Works of Nature.

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John Randolph was a curious bundle nsistencies; a man whom many ns admired, but who was feared every one and loved by no one. spared neither friend nor foe. Yet in his own way he was tender-hearted. and capable of performing the very kindest actions. The following anecdote, related by a young man who was accustomed to visit his nephew, illustrates one side of this strange man's

Mr. Randolph would never permit even a switch to be cut anywhere near s house, which was surrounded by ses and underbrush. Without being sware of this, I one day committed a serious trespass. Tudor Randolph and Iwere roving through the woods near ory plant, about an inch thick, which colors about equally well.

I felled. Tudor expressed his regret,

—Dr. Zambaco of Const saying he was afraid his uncle would be angry. I went immediately to Mr. Randolph, told him what I had done, and that I was sorry for it. He took the stick, looked pensively at it for some seconds, as if commiserating its fate. Then, looking at me more in sorrow than in anger, he said:

"Sir, I would not have had it done for fifty Spanish milled dollars!"

I had seventy-five cents in my pocket, and had some idea of offering them as an equivalent for the damage done, but when I heard about the fifty Spanish milled dollars, I was afraid of insulting Mr. Randolph by offering the meager atonement of seventy-five cents. I wished very much to get away from him, but thought it rude to withdraw

"Did you want this for a cane?" "No, sir." "No, you are not old enough to want

a cane. Did you want it for any particular purpose?" "No, sir, I only saw it was a pretty stick, and thought I'd cut it."

"We can not be justified in taking even vegetable life without some useful object in view. God Almighty planted this thing, and you have killed it. It would have grown to be a large nut tree, in whose boughs numerous squirrels would have gamboled, and asted on its fruit."

Here he made a pause, but looked as if he had something more to say, yet only added:

"I hope and believe, sir, you will never do the like again." "Never, sir, never!"

He got up and put the stick in a corner, and I made my escape. It was dred and sixty-three words. And thus, of your district and will endeavor to some time before brould cut a switch or a fishing-rod without feeling that I was doing some sort of violence to the fold in half a century .- Science. vegetable kingdom. - Youth's Compan-

THE HUMAN TEETH.

something About the Degeneracy in the Development of the Jaw. The law of retardation exhibits itself in the teeth of the higher races of mankind in a highly convenient manner. The greatly-developed brain requires all the available room in the skull; there is no space left for the attachment of muscles for a powerful jaw. Cooked food also causes a degeneracy in the development of the jaw. There is constantly no room left for either the wisdom-teeth or the second upper incisors; the wisdom teeth are retarded, often cause great pain and decay early. The second incisors appear in startling and unexpected places, and often (in America especially) do not cut the gum at all "When is a man too old to marry?" Prof. Cope says that "American den- is quite as interesting as the question, through. A few years later she was tists have observed that the third molar teeth (wisdom-teeth) are in natives of the United States very liable far the chances of life are shortened conquering reply, "You are talking to imperfect growth or suppression, and to a degree entirely unknown among savage or even many civilized nurse, though, in passing, I may obtain a civil I actually began to believe she The same suppression has been observed in the outer pair of superior incisors. This is owing not only to a lowed suspiciously close to the wed-reduction in the size of the arches of ding. Without going back to the time sickness came, and I expected to help the jaws, but to successively prolonged delay in the appearance of the teeth. In the same way men, and the manlike apes, have tewer teeth than the lower monkeys, and these again fewer than the insectivorous mammals to which they are most nearly allied. Hing off this mortal coil.

When this difference in dentition has There was that stout Salopian, Old been established, civilized man may claim to place himself in a new sp cies, apart from low savages as well as from high apes, -Mrs. Alice Bodington, in Popular Science Monthly.

Bringing Up the Baby.

Every mother has her own ideas as to how to bring up her babies aright, and it is a matter on which few agree. But we ofter think that some mothers make a mistake in not treating their little ones as if they were reasoning creatures. Notice how pleased tiny little tots are when given some re-sponsibility. As soon as they begin to toddie, if taught aright, they like to help mother by picking up or carry-ing some trifle for her or doing any similar act. Then is the time to begin training them to be real helpers. Of course, it often seems a real bother, for one may do things quicker without this hindering assistance. But it is a part of the child's education. Similarly, babyhood is none too early to begin teaching politeness, and the proper way is to be as polite to the baby as to any one else. People sometimes think that a child does not feel discourtesywe hold a contrary opinion. Some little slights that were not meant as such, offered in our extreme childhood, are remembered to this day, and all sensitive children suffer in the same wav. - Emily Louise Tapien.

-An engineer of the Comstock mines reports that while spending some time Tulare County, Cal., he came upon an enormous tree of the sequola species, which he believes to be the largest on with them, but one of them measured the giant with his rifle, which is four-feet in length. He found it to be forty-four lengths of his gun in circumference at a point above the ground as high as he could reach. The top of the tree has been broken off, but it is still of immense height.

SCIENCE AND INDUSTRY.

-Tannin has been discovered as an animal substance by M. Villon, a French chemist, who finds that corn weevils contain about three per cent. of it.

-The Germans have discovered that When the mood was upon him, he the pollen of the plaine tree produces influenza, exactly like what in this country is called "rose cold" and "hay fever.

-French physicians are reporting great success with the prompt internal use of an antiseptics in cases of typhoid fever. After disinfection of the intestines, according to this method, the disease runs a short course.

-Paper is now manufactured from seaweed, according to a process recently invented in Japan. The article made in this way is said to be so strong as to be almost untearable, is sufficiently transparent to admit of its being the house, when I noticed a neat hick- used as window glass, and takes all

-Dr. Zambaco of Constantinople, who has lived for several years among the lepers of the far East, says that he gently. has never met a single instance of conta-gion, atthough the malady is certainly hereditary, the children of lepers be-coming leprous at the age of ten, fifteen and twenty years generally.

-The increasing application of elecpany, which was one of the first to put

-J. Norman Lockver, the English

-After experiments on the relative ing. merits of castor oil and of olive oil as ordered that the exposed parts of the stingy here. Run the school as you ship's machinery be lubricated exclu-would any other profitable business. sively with castor oil, and that mineral | Tools for the farm cost more than form oils be used for cylinder and similar erly, so do those for the school-room lubrication.

minute with the five-needle instrument: tools. in 1849, the average rate for newspaper | Now then, you are started with good messages was seventeen words a school officers, a liberal appropriation a minute; the present pace of the elec- and a public sentiment alive to a good trie telegraph between London and school. The next most important Dublin, where the Wheatstone instru- business is in the selection of a teacher ment is employed, reaches four hun- Your officers will understand the need what was regarded as miraculous sixty secure some capable, earnest teacher. years ago has multiplied a hundred who will not be always looking forward

to give it a hardness and fine cutting pay he receives. At all events hire edge was known to the Egyptians, the same teacher for at least a year, Greeks and Romans, but it is one of the and if possible secure the same teacher ost arts. Scientific men have vainly endeavored to redisdover it. It is possible that the Indians of Ecuador have, kind he or she will find methods of in-asstated in the paragraph, accidentally found out how to do this, but we want trict school is in the hands of the people more conclusive evidence than has yet been furnished before we believed it. It would be of some value to civilization if the art were rediscovered, but would not have nearly the importance it once had, since we have iron and steel now which do the work better than the copper tools and weapons ever did.

MEN AND MARRIAGE. Apparently It Is Never Too Late to Be-

"When is a girl too young?" I must leave to physiologists to discuss how when "Jared lived a hundred and sixty and two years and begat Knoch," there are several instances on record

of modern patriarchs who became

proud and happy fathers at the time when they should be thinking of shuf-Parr, for example, who married at eight, and had to do penance in Alderbury Church for an intrigue with Catherine Milton, when he' was a sprightly masher of one hundred and five summers. If Lord Lytheton is to be believed Parr had a rival in the Vale of Festiniog, in the person of an old Welsh farmer, who, when he died, had eight hundred lineal descendants, and whose youngest son was eighty-one years younger than his eldest. I fancy this man must have been of the same family as a certain Alderman Hookes, of Conway, who, is described in his epitaph as the forty-first child of his father, and himself the father of

fore the days of Dr. Drysdale. . My own impression is that the Welsh border is the paradise of old men, the grand old man being only the most eonspicuous among many. Some years back I spent a Sunday in the very next parish to Hawarden. I dined with a middle-aged man whose sons were fast growing to manhood, and then valked over to his father's house to take tea. The venerable old gentleman, who wore a headgear something like Oliver Goldsmith's, was nursing an infant two or three years old on his knee. "Is that your youngest?" I asked of my middle-aged friend. "O, dear no," he replied; "thet is my little brother."

A six pointed star set with small diamonds cadiating from a central cat's eye and over-larging a similar star set with rubies, is a pleasing pattern in brooches.

A handsome bracelet consists of seven al-ternate diamonds and rubies, each in a sep-arate box setting, and all mounted on a knife edge band of Roman gold.

THE DISTRICT SCHOOL.

Elevate It by Electing Good Men and Women for School Officers. Women for School Omeers.

If the school is a failure it is usually on account of a poor teacher. If the teacher is incompetent it is usually the fault of the school officers. If the school officers are inefficient it is the fault of the voters in the school district. Thus the blame for a poor school rests with the people. The people like to shirk this responsibility, but it belongs to them and they must bear it.

A good school costs something; it

costs money and it costs time. Money is usually spent, but not quite enough; a little more would secure a much bet-tea teacher for the full year; a little

elect good men or women for school officers. In some places a position on the school board is held in little respect, tricity in mining work is based on the and any man will do. This is wrong solid foundation of economy attained. in some respects members of school The Aspen Mining and Smelting Comboards are the most important boards are the most important officers you have to select. Should electric motors underground for pump all the school districts in the ing, hoisting and haulage, have effected country, for the next twenty-five years, a large saving in the cost of their ore elect competent men or women, who through this means were thoroughly alive to their duties. every office in our government, from astronomer, computes the total number President down, would have a worthy of stars of which some knowledge can incumbent. Select, then, officers who be gained with the optical aid now understand how to give your child an available, at from 40,000,000 to 50,000.- education and who will take the time 000. Only about 6,000 are visible to to attend to the work. This is of vital the naked eye-3,000 in the Northern importance, an error that can hardly hemisphere and 3,000 in the Southern. be remedied until another school meet

The matter of liberal appropriations lubricants, the Italian Admiralty has has been touched upon. Don't be A school-room without good black -When the first electric telegraph boards, maps, globes, dictionaries and was established, the speed of transmis- reference books, is like a farm with sion was from four to five words a tumbled-down fences and worn-out

to the end of the term, and who will -The art of tempering copper so as not measure his work by the amount of for a series of years; it will pay in of the district and its success or failure will be measured by their intelligence and interest. - C. B. Collingwood, in Rural New Yorker.

GRIT AND PLUCK.

A St. Louis Doctor Says That He Has Seen Them Save Many Lives. I have had a patient who coolly said to me, "I will not die." I was compelled to assure her that she would. There was no hope for her. "Doctor," she answered, "you are a fool. I shall not die." Grit it was that carried her sick again, and, as I thought, unto death; but there came the same allwhen December weds May, and ex- nonsense, I shall get well." And she serve that I have noticed several such | would get well any way and at all times. marriages in which the funeral fol- It never occurred to me to think of her lowed suspiciously close to the wed- as liable to die. Finally her mortal her up as usual. But now she replied, "Doctor, you can come or go as you please; I am going to die; this is my last illness." "O, no," I said; "we will have you out in a few days." "Nonsense," she answered; "you are talking what you know nothing about. I shall never be well again." days she was dead. Her grit gave out; her pluck was good to the last. She had pluck enough to face death; she had no longer grit to endure disease There is no question but that moral and mental grit go with physical to sustain vitality. A stout will wards off the blows of disease. In this case the patient went straight ahead to die without a flinch or a whine. She had a vast faith in the "All Right," and allowed no one to dabble in theology at her bedside. She marched into the "next life!" as she often had into the next year, and had not a tremor. She took her pluck with her. She treated a neighbor's prayers as she treated any twenty-seven children. Happily for themselves, these people lived long before the days of Dr. Drysdele. can't stop me and they can't change me—no more than the doctor's pow-ders." She was a woman of extraordinary intelligence and determination.

—St. Louis Republic.

-"Did you see any Quakers in Philadelphia?" was asked of a Detroiter who lately returned from that city. "Only one that I was sure of." he 'thee' and 'thou' you?" "He did. He got down off his back and said: 'If thee don't pay me two dollars I'll knock thy samed head off, and I paid, although I knew the regular fare was twelve shillings: You den't want to fool with those Quakers any, and don't you forget it!" -- Detroit Free Press.

Wampum beads, represented by dainty silver filigree, make a unique bracelet. Each bead has a rim of dull gold at either

and. Crystal balls contain

many windows.

A tasteful pattern in a chikl's ring consists of a number of small turquoises, set at equal listances all around a plain gold band, having slightly raised edges.

A hollow ball of gold, having stars and enves pierced through the shell and set with small jowels, makes an ornamental top for a single prong ladies' hairpin.

A French electrician claims that he will soon be able to produce a thunder storm wherever and whenever it is desired.

The annual consumption of feathers in this A Philadelphian has patented an fee crease and whenever it is desired.

A Franklin county (Neb.) grocer has on exhib tion a cucumber at his place of business that i

WHICH WAS IT? BACON OR SHAKES-PEARE tea teacher for the full year; a little more would furnish the school-house with modern appliances; a little more, judiciously expended, would make the school-house and grounds more attractive. The cost of time comes hardest. It is so easy to find excusy for not visiting the school. The success of the school depends somewhat on your personal effort. Visit the school, visit it often, visit it intelligently.

All this you may say is true enough, but "how shall we have the best school?" First and most important, elect good men or women for school When an Italian says: "I loaf," he means that

White Elephant of Siam, Lion of England, Dragon of China, Cross of Switzer, land, Banner of Persia, Crescent of Egypt-Double Eagle of Russia, Star of Chili, The Circle of Japan, Harp of Erin.

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Ards.
FLEMING BROS., PITTSBURG, PA. A Seymour (Ind.) man of sixty-one broke a thigh in pulling off a boot.

John I. Wood, of Stratford, Ont., was cured of cramps in the legs by wearing Allcock's Porous Plasters. Mr. Wood

Some three months ago I was taken very Some three months ago I was taken very sick with severe pain in the small of my back over the kidneys. The pain was excruciating. I applied an ALLCOCK'S FOROUS PLASTER over the affected region and had relief almost within an hour. At the same time, in conjunc ion with this trouble, I had very great nervous disturbance, affecting my legs with cramps so I could scarcely sleep. Meeting with such success with my back I applied a plaster under the knee on each leg, and in three days was completely cured, and have never been troubled in either way since.

A thoughtful man in Columbus, Ga., has an ax 'neath his pillow for burglars.



By the Editor of "Problems of Nature."

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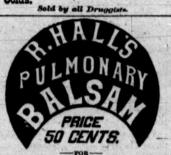
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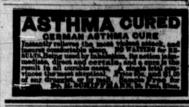
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