

## CARE OF THE REEL.

A Few Words of Expert Advice For the Man Behind the Rod.

The life of any reel will be mighty short if it is not given care and attention. The finest machine in the world will not run without oil, yet many fellows will use a reel week after week and not think of feeding it a little soothing sirup until it begins to scrape and rattle like the 515. When this stage is reached they will drop a little oil in the cups, but the damage is done through overheated bearings and pinions, and the reel will never again run with freedom from friction and as smoothly as before the rough grind was handed it.

A reel should be cleaned and oiled after each day's fishing. The ordinary thin oil is not sufficient, as no thin oil will last through the different temperatures to which a reel is subjected during a day's casting. Heated by the hot sun and chilled by the night air, as well as drenched with water during the day, make a combination that would eliminate any thin oil. On the other hand, the thick oils soon turn into a creamy paste and hamper and clog the reel so that you think you are losing your speed at the game when your casts slow up. You make no mistake when you invest in a bottle of "reel" oil, and the best comes from the jawbones and blubber of the porpoise. This oil is refined up in the arctic circle and will stand the gaff of any temperature. After you buy the oil, use it. Don't stand it away in the tackle cabinet and forget it.

Oiling the reel is not all that is necessary to keep the little old pleasure producer in good shape. Like the line, the reel should be entirely dried after each day's fishing. Although German silver does not rust, it will corrode, and the main cause for corroding is dampness. Be fair to the reel and dry it thoroughly in the open air or sunlight and drop a little oil in each cup before you tuck it away for the night.

As a final tip on the reel, old man, here's hoping you won't take it apart every once in awhile to see what makes it go. The smooth running qualities of many a fine reel have been ruined by the inquisitive cuss with the itching palm and a screwdriver. Of course you would never think of taking your watch apart and assembling it again. If anything goes bad with the reel, take it down to a reel doctor and let him feel its pulse. This will save you time and money, and for practice at mechanics you can have as much fun tinkering with an old alarm clock as a victim. From "Lake and Stream Game Fishing," by Dixie Carroll.

## RUSSIA'S ICY MARSHES.

The Vast Frozen Desert of the Region of the Tundras.

In the extreme north of Russia, from the White sea to Bering strait, there lies the region of the tundras—vast frozen marshes stretching inland from the sea for from 300 to 1,000 miles. It is often difficult to determine the point separating the land from the sea, for the surface of the ground is frozen some forty feet deep. Even the heat of summer can thaw only about two feet of top soil.

The only possible vegetation consists of moss and a few berry bushes—scant food for the millions of birds and beasts of all kinds that flock northward in July and August to escape their enemy, the hunter. By the end of August, however, the heavy frosts set in, and the tundras become a barren, lifeless desert, covered with snow for hundreds of miles, with never a living speck of any kind on which to rest one's eyes.

To the south of the tundras is the great coniferous forest belt, which stretches from Finland to the Sea of Okhotsk. At its western end, where it is more settled, this is perhaps the most beautiful part of the great Russian plain.

The countryside is "dark with the shadows of the fir trees, but frequently shot with the light, little trunks of silver birches," says the Geographical Review. The aspect of the land, too, is slightly rolling in parts, and cradled between these slight elevations there are thousands of charming little lakes fringed around with reeds.

## Chinese Sausages.

In China sausages are made of meat from the hind thighs of hogs, which are chopped fine, mixed with four drams of sugar, rice wine and table salt, eight drams of soy and a pinch of pepper to every one and one-third pounds and dried in the sun until ready for tinning. Dried oysters and ducks' livers are added to some varieties.

## It Would Help.

"My dear, we can't afford to pay \$90 a month rent."

"Of course we can't, my dear. I've thought of that. But there's a lovely garage on the back of the lot which we can surely rent for \$5 a month, which will help a good deal."

## Presumption Resented.

"Be good," said the philosopher, "and you will be happy."

"Not necessarily," replied the man of sensitive conscience. "If you undertake to be good some envious people are likely to think you are trying to put on airs."

## Classified.

"Mrs. Flubdub wants to borrow some sugar, some eggs and some flour. Evidently she is going to make some sponge cake."

"Sponge cake is right. But why does she sponge cake on us?"

It is absurd for a man either to commend or depreciate himself.

## BURSTS WITH THE HEAT.

Cad Fate of the Terrashot When It Enters Death Valley.

That most frightful of deserts, Death valley, in California, lies between two lofty ranges, one of which is called the Funeral mountains.

The higher levels of these mountains are rather densely forested, with here and there little meadows and "parks" (natural clearings), in which dwell a strange animal known as the terrashot. So inaccessible are these inhospitable heights, however, that the creature, rarely seen, has remained almost unknown.

Respecting its habits little can be said. There is no reason for supposing that it is dangerous to man. Nobody knows even whether it is carnivorous or a plant feeder. It has a coffin shaped body, six or seven feet long, with a sort of shell running the whole length of its back.

Having, it is presumed, few natural enemies, the terrashot increases in numbers until it is seized with an impulse to migrate, possibly because its food supply no longer suffices. The animals then form long processions, marching down into the desert in single file, with the evident intention of crossing the valley to the mountains on the other side.

But none of them ever gets across. As they encounter the hot sands they rapidly disintegrate with the heat, and one after another they blow up with loud reports, the places where this happens being marked by deep, grave shaped holes.

## SLIPS OF THE PEN.

Even the Best of Writers at Times Nod While They Work.

Many if not most writers have had to bewail the occasional freakishness of the pen in putting down on paper something very different from that intended by its author.

Readers of Sir George Trevelyan's "Life of Macaulay" will recall the historian's horror when too late he discovered that he had written in the Edinburgh Review that "it would be unjust to estimate Goldsmith by 'The Vicar of Wakefield' or Scott by 'The Life of Napoleon' when he really intended to say that it would be unjust to estimate Goldsmith by his 'History of Greece.'" There was, too, an amusing slip of the pen perpetrated by the grave Sir Archibald Alison in including Sir Peregrine Pickle instead of Sir Peregrine Maitland among the pallbearers at the Duke of Wellington's funeral.

Another striking instance of the pen mechanically writing something not intended came under notice the other day on the title page of a reprint of a once famous book, Jane Porter's "Scottish Chiefs." This edition, published some years ago by a well known London house, describes Miss Porter as "author of 'Pride and Prejudice,' 'Sense and Sensibility,'" etc. Doubtless the Christian name of "Jane" induced the slip. All remember and nearly all—Charlotte Bronte was one notable exception—love Jane Austen; not so many remember Jane Porter.

## Magic of a Siphon.

When a pipe shaped like the inverted letter U, in which the arms are of equal length, is filled with water and each end of the pipe is put into a separate vessel full of water, "the downward pull" or weight of the liquid in each of the two arms will balance the other, and if the water is at the same level in the two vessels it will remain at that level in both vessels. But if the level of the water in one vessel is lower than in the other, since the two vessels are connected with a pipe full of water, the water will run down from the higher level to the lower. This constitutes what is called a siphon. A siphon itself has no more magic about it than a pencil has when it falls or than any other similar phenomenon in nature, yet some of the siphon's manifestations seem to be not only magical, but almost incredible.

## "Most Perfect Ode."

One hundred years ago appeared what Byron called "the most perfect ode in the language," "The Burial of Sir John Moore." It was the Newry Telegraph which gave to the world this anonymous poem of Rev. Charles Wolfe, which won for its author but a posthumous fame, for not until his death in 1823 was its real authorship made known, though various had been the guesses as to the writer. That obscure curate of Ballyclog must have felt proud indeed to find among its putative authors such poets as Campbell and Byron—London Chronicle.

## Light of the Firefly.

A scientist says that a temperature approaching 2,000 degrees F. would be necessary to make a light equivalent to that emitted by an ordinary firefly. The enormous waste of energy in all industrial methods of producing light is a matter of common knowledge, and the example of the firefly remains unimitated by man.

## Fountain Pen Tests.

Fountain pens are tested by an instrument called a micrometer. If one piece of the mechanism is out even a six-hundredth part of an inch the micrometer rejects it as faulty.

## Tactful.

"Do you think that the lady who is moving in above you is nice?"

"Oh, dear, yes. Why, she noticed that baby had two teeth before she had been in the house two hours."

The minutes saved by hurry are as useless as the pennies saved by parsimony.

## JAPANESE KNOTS.

They Have a Language of Their Own and Their Making Is an Art.

The Japanese have no use for buttons, buckles or hooks and eyes. Cord serves every purpose of fastening and furnishes as artistic possibilities seemingly without end.

The Japanese have hundreds of knots made necessary by the ornamental use of cord. Some are as old as the time when history was recorded by a series of knots, just as it was in China and Peru before writing was invented. There are dozens of knots in common and ceremonial usage, and these every child can tie.

In one educational museum of Japan is a great frame of the most beautiful knots, tied in silken and gold thread. This had formed a part of Japan's exhibit at a certain world's fair. For six months this wonderful collection had hung upon the wall and only two visitors had noticed and inquired about it. Even those thought the knots must be industrial samples intended for dress trimmings. No one offered to buy the unique exhibit, no museum begged for it, and the wonderful knots were taken home again.

There is an appeal to the imagination even in the knots intended for common use. There are plum blossom, cherry blossom, iris, chrysanthemum and pine tree knots. There are fuyiyama knots, turtle and stork knots, the "old man's," which is easy to tie, and the "old woman's" also.

There is only one way of knotting a cord when sending a New Year's or birthday gift and another for doing up a funeral offering. There is one way to tie the brocade bag of the tea jar when it is full and another when it is empty. A sword bag, a flag or spear bag, a dispatch bag, or the box containing some precious piece of porcelain or lacquer, must each be tied in a certain way.

The ill bred person classes himself with the foreigner by ignoring such niceties of custom, and an object tied in a slovenly manner may not only bear witness to the sender's ignorance, but it may carry with it a deadly insult.

## THE ALBUMEN WE NEED.

Foods That Produce It and How They Compare With Meat.

"Why do we eat meat?" asks Dr. Daniel Claude in an article in Nature, and he answers his question by saying, "First to supply the albumen necessary to our bodies, then because meat is a pleasant food, easily digested and assimilated."

Many physiologists have estimated the quantity of albumen necessary to our systems and have given widely differing figures, but today it is generally held that one grain per day per kilogram of body weight is ample—that is to say, that a man weighing 160 pounds actually needs only between five and six ounces of albumen a day. Children and growing youths need more. Meat, however, is not the only food that is rich in albumen. A quarter of a Brie cheese, for instance, contains as much albumen as half a pound of beefsteak. Lentils, peas and beans are from 20 to 25 per cent albumen, which means that these vegetables are worth actually more than steak and cost far less.

According to Dr. Claude, our daily needs in the way of albumen can be satisfied by any one of the following:

Beefsteak	14 ounces
Cutlets	18½ ounces
Salted tongue	18½ ounces
Milk	2 quarts
Chicken	20 ounces
Eggs	9
Cheese	5 ounces
Almonds	8½ ounces
Haricot beans	8½ ounces
Lentils	11½ ounces
Bread	23 ounces

From these it is easy to make a selection, picking those that cost the least.

## Warfare in the Air.

A high powered airplane engine of the best type—say 120 to 150 horsepower—cannot be purchased for much less than \$3,000. And the whole airplane, a big one, may readily cost \$10,000 to \$20,000.

A fast modern airplane has an average life of only about two or three hundred hours of active service—say two months at the outside. This means that to keep 10,000 airplanes on a battle line you have to be able to build 5,000 per month or more. The cost would be almost unthinkable. That is why warfare in the air for any length of time would bankrupt the world. And that in turn is why warfare in the air means the end of all warfare.

## No Chasing.

A young man visited a jeweler's and asked to look at some wedding rings. He selected a very handsome ring, and the jeweler said:

"I'm! That one is dearer than the others. Yes, sir; I have to charge \$10 extra for that one on account of the chasing."

The young man flushed.

"You won't have to chase me, mister," he said coldly. "I pay cash."

## Don't Get Bored.

Don't let yourself get into the habit of being bored. It is not worth while. When you feel it coming on plunge at once into some task that will take all your time and energy. It is better to run away from certain things than to let them irritate you.

## With the Sea Flavor.

Friend—What kind of car did you buy? Retired Sea Captain—Well, she draws about fifty feet of dust and displaces half my bank account.

## Catty.

Miss Sharpe—She's her own chaperon. Greene—How's that?

"You ought to see her face."—London Answers.

## ROMANTIC SICILY.

The Men and the Fame of This Wonderful Island of History.

Sicily's history is as vivid and picturesque, as ferocious and creative and destructive, as mythical and intensely practical, as the stories of all the rest of the world put together. And in beauty of nature, of climate or man and of beast the island is a paradise today, whether or not it was ever the workless, painless, passionless elysium where our first ancestors enjoyed all the good things of life without having to toil.

Nature itself, now in the guise of the misunderstood gods of old, now in convulsions or in quiet fertility that science has made plain to us, weaves its mysterious shuttle through and through the highly colored fabric.

And men—such men!—tower above their fellows in the story like Titans—Pindar, Aeschylus, Theocritus, Thucydides, Archimedes, the two great Hierons, Cicero, Verres, Diodorus, Hannibal, Roger the Count and Roger the King, Belsarius, the great crusaders Richard of the Lion Heart and Louis the Saint of France, Charles of Anjou, Frederick II., the "wonder of the world," and Garibaldi. Even this partial list reads like a compendium of ancient and medieval romance and chivalry.—National Geographic Magazine.

## MOTORCAR TIRES.

To Lengthen Their Lives Keep Them Free From Oil and Grease.

It is pretty generally known that gasoline, grease, oil and other fatty substances are solvents of rubber.

If garage floors are not kept clean and tires stand in a pool of oil the treads soften and the traction strains in service stretch the rubber in a wavy outline, eventually causing it to separate from the fabric body underneath.

Probably the most damage is experienced from grease, in the differential housing, working out into the brake drums and then on to the side walls of the tires. This may result from loose bearings or too much grease or from using grease not suitable for differential.

Grease and oil may be very easily removed by using a rag saturated in gasoline. Gasoline, although a solvent, evaporates quickly and, if applied in small quantities, will not cause any injury when used as a cleaning agent.

Ordinary injuries to the rubber cover do not prevent successful repairs, but not often can work be well done when materials have been affected by oil or grease. Invariably blistering during vulcanization results.

## Writing on a Moving Train.

Writing legibly on a fast moving train is difficult to a person unaccustomed to do it. The railroad conductor knows the trick of it and manages to get along quite satisfactorily. He prefers to write in a standing position and holds his right elbow firmly against his side. The reason for this is that in a sitting posture there is too much lateral movement in the trunk of the body, while in a standing position this is more easily controlled.

When the arm swings freely, as in ordinary writing, several joints of the body are affected in the process, each of which is capable of its own motion. Holding the elbow against one's ribs breaks those motion tendencies, except that of the wrist, which movement is necessary in writing, and thus the pencil or pen is more easily controlled.

## Cautious.

A lawyer happened to be acquainted with a juror in a petty civil case, and he met him during a recess of the court. The lawyer was just "lighting up," and under ordinary circumstances he would have offered the other a cigar unhesitatingly, but it occurred to him that it might not look right.

"I suppose," he said guardedly, "that a cigar would not influence your verdict?"

The juror was equally cautious.

"A good one wouldn't," he replied, "but a poor one might prejudice me."

He got a good cigar.

## The Study of Books.

We enter our studies and enjoy a society which we alone can bring together. We raise no jealousy by conversing with one in preference to another; we give no offense to the most illustrious by questioning him as long as we will and leaving him as abruptly. Diversity of opinion raises no tumult in our presence. Each interlocutor stands before us, speaks or is silent, and we adjourn or decide the business at our leisure.

## A Distinction.

"I'm glad to see that you have gone into partnership with Flubdub. A good move."

"Why, I have heard you speak of him as a thorough scoundrel."

"Politically, yes. Commercially he's all right."

## Subconscious Wishes.

When a girl dreams it is that she is being married in a church crowded with former suitors who are crying so loud that the strains of the wedding march cannot be heard.

## Merely a Hint.

Kitty—Harry says he loves me for myself alone. Bertha—I suppose that's his way of saying your mother must be kept out of the family.

## You Can't Beat Them.

He—Before I was married I thought women were angels. She—Well, finish it—now you know they are.

None are less eager to learn than they who know nothing.

## TURKISH "JUSTICE."

Curious Case of a Man Who Was Guilty of Having a Daughter.

Dr. Clarke, a famous traveler of about a century ago, tells of the following remarkable case, which was tried at the Greek island of Cos: A young man desperately in love with a girl of Stanchio eagerly sought to marry her, but his proposals were rejected. In consequence of his disappointment he bought some poison and destroyed himself. The Turkish police instantly arrested the father of the young woman as the cause, by implication, of the man's death. Under the fifth species of homicide he became, therefore, amenable for this act of suicide.

When the case came before the magistrate it was urged literally by the accusers that "if he (the accused) had not had a daughter the deceased would not have fallen in love; consequently he would not have been disappointed; consequently he would not have swallowed poison; consequently he would not have died. But he (the accused) had a daughter, and the deceased had fallen in love, and had been disappointed, and had swallowed poison, and had died."

Upon all these accounts he was called upon to pay the price of the young man's life, and this, being fixed at the sum of 80 piasters, was accordingly exacted.

Another instance was related to Dr. Clarke, which occurred at the island of Samos, as a characteristic feature of Turkish justice—that is to say, a philosophical application of a principle rigidly founded upon this fifth species of "homicide by implication." The Capudan Pasha reasoned with the people of Samos on the propriety of their paying for a Turkish frigate which was wrecked upon their territory and the crew lost, "because the accident would not have happened unless their island had been in the way."

## FOUR TYPES OF MEN.

French Method of Picking Soldiers For Special Lines of Work.

"A good judge of human nature is born and not made," declared Dr. G. Stanley Hall, president of Clark university. "Baseball scouts are not able to tell how they pick men; neither can any employer tell how he picks his men."

Dr. Hall described the French system of dividing men into four general types and selecting them for particular positions in the army accordingly. He said: "First.—The digestive type. It is characteristic of the heavy jaw, broad abdominal region. Such men require more food, need it regularly, must be well fed. Such men are best on the defensive. They are hard to dislodge from the trenches.

"Second.—The respiratory type. Nostils and ears are large; large, long chest; demand plenty of pure air; get restive under confinement. Such men are selected for work on high mountains. They are good in the charge, in making an attack. Such men exclusively are selected for the aviation corps.

"Third.—The muscular type. Head is square, limbs long and strong, body short. This type is good for the bayonet charge in the artillery service.

"Fourth.—The nervous type. Large head tapers down to a sharp jaw. Such men have power to draw upon their reserves. They can get their second wind. The really great are men of this type. Along with this type is closely associated a willingness to sacrifice self for the good of others.

"Children and animals are guided by the desire to gain pleasure and avoid pain. As they grow older they should learn to bear present pain for future pleasure."

## Hard to Hear Airplane at Sea.

While it is widely known that an airplane can be heard for some distance off on land, on water the lapping of the waves and the whistling of the wind through the rigging and superstructure of a vessel make it almost impossible to hear the power plant of an approaching seaplane until it is almost overhead; hence the submarine plying the surface has slight warning of an impending seaplane attack until it is often too late to escape.

## Heart and Lungs.

The action of the heart, lungs and digestive system is involuntary, for the reason that it is indispensable to life and must be carried on under all circumstances. If a man had to think of his heart or had to remember that he must breathe or that his food must digest he would have no time to do anything else, and if by chance he should forget to keep his heart going or his lungs in operation he would fall dead on the spot.

## The Most Accurate Frontier.

As an instance of the jealousy existing in the relations between Norway and Sweden it may be noted that the boundary line between the two countries is the most minutely exact in Europe. In every parish touched by the line there is deposited an elaborate plan which is renewed every ten years, the whole of the work of surveying, etc., being carefully repeated each time.

## Local Pride.

"What is the name of this street?"

"This is Broadway," replied the proud citizen of Dubbsville.

"Ah! Named in honor of the famous thoroughfare, I presume?"

"Why, sir, this is the famous thoroughfare!"

## Save Their Breath.

Allice—I wouldn't marry a lawyer. He would always be arguing with me. Marie—Nonsense! Lawyers don't argue unless there's a fee in sight.—Boston Transcript.

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AUSTIN G. L. TRIBUTE,  
Editor and Proprietor

## McDONALD—WESTON

On Thursday Rev. R. M. Hamilton, minister of the First Presbyterian Church, united in marriage Miss Ethel May Weston and Mr. Edward Vincent McDonald, both of Mallorytown.—Brookville Times.

Miss Grace Rappell has gone to Lyndhurst to spend the winter with her sister, Mrs. Albert Brown.

## A Coming Event.

The most interesting event of the year 1918 in astronomical circles will probably be the total eclipse of the sun, scheduled for June 8th, the first of its kind to be visible in this country since 1900.

## Lake Ontario Level

During December Lake Ontario was 0.24 feet lower than the previous month, 1.08 higher than a year ago, 1.09 feet above the average stage of December of the last ten years, 1.16 feet below the high stage of December, 1861, and 3.02 feet above the low stage of December, 1895. During the last ten years the December level has averaged 0.2 feet lower than the November level, and about the same as the January level.

## Give it Fair Play

Why not decide NOW to give ZUTOO Tablets, the remedy so generally used for headache, a fair and square trial?

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## Zutoo

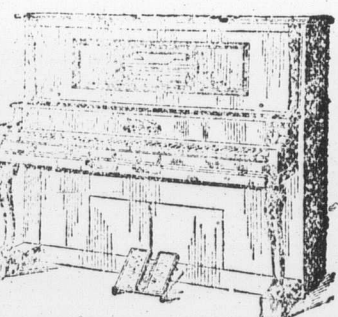
## Making Munitions.

Great Britain is now manufacturing and issuing every week to her armies on the western front an amount of ammunition equal to the total stock available for her entire land service at the outbreak of war.

## Roumanian Superstitions.

It is considered lucky to arrive in Roumania accompanied by rain. It means abundance, fertility, the hope of a fine harvest—wealth. Sometimes the peasant women put large wooden buckets of water before their threshold; a full vessel is a sign of good luck. They will even sprinkle water before one's feet, because water means abundance. "I have seen," says the queen of Roumania in an article about the people of her country, "tall, handsome girls step out to meet me with overflowing water jars on their heads; on my approach they stood quite still, the drops splashing over their faces so as to prove that their pitchers were full. It is lucky to meet a cart full of corn or straw coming toward one, but an empty cart is a sure sign of bad luck."

## Pianos.



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