

IN THE WORLD OF SPORT

Christy Mathewson, Famous Baseball Pitcher.

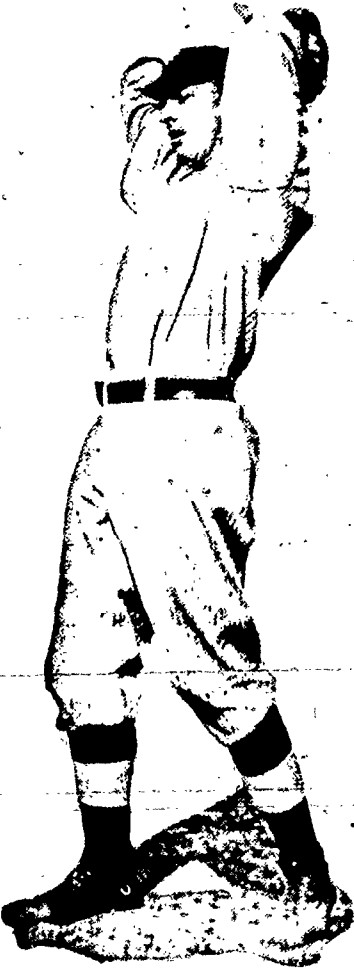


Photo by American Press Association.

Christy Mathewson of the New York Giants has been pitching ball in the big league since 1901. Fifteen seasons Matty has been putting them over the plate. Last year in June he developed a pain in his left shoulder, which both good and bad. His 1915 season was the poorest he has had since he joined the Giants. Matty has been working hard to get into condition for the 1916 battle, and at last report his left shoulder gave him no trouble. If the pain again develops Matty will quit the mound and perhaps go on the coaching line. Perhaps he will retire from the game altogether. He can well afford to do so, as it is believed he is worth at least \$150,000.

Braid at Upper Montclair.

William Braid has been chosen as the new professional of the Upper Montclair (N. J.) Country club and has reported for duty. Braid comes from the Maryland Country club, where he spent seven years and won considerable reputation as a green-keeper and golfer. He is much pleased with his new position, because he will have more opportunity to play golf than he had in Baltimore, there being more expert golfers in the Upper Montclair Country club. Jerome D. Traverser, the open champion, is a member of this club.

Buying English Ponies.

James C. Cooley, who has managed several polo tournaments on Long Island and at Newport, is in England buying polo ponies left behind by army officers when they were called to the war. While the government has first choice, there are many ponies unfit for cavalry service because of their size and training. Mr. Cooley hopes to purchase some of the horses used in the international matches. The ponies will be shipped to this country in April and will be used in the matches, which commence in May.

Caddie Gets Commission.

One of the striking features in British army circles is the rise of a former caddie to the rank of a commissioned officer. The recipient of this promotion is C. F. Perkins, who was formerly a caddie at the famous Mid-Surrey Links, where Vardon, Braid and Taylor met in the championships. He had left the army with the rank of sergeant before the war broke out, but rejoined the colors, and as a reward for his services in action he was made second lieutenant in the Fourth Middlesex.

New Bathhouses for Stanford.

Hopes of winning the annual Poughkeepsie regatta this year have been augmented at Stanford, Jr. university by the announcement that a new bathhouse and course on San Francisco bay have been offered to the crew, which finished second in the eastern meet, practiced was a slough which at low tide was a mud flat.

Toledo Gets Shaw and Evans.

Roger Bresnahan, manager of the Toledo American Association ball club, has signed Outfielder Al Shaw as a member of his team. Shaw played with the Kansas City Federal league team last year. Steve Evans, formerly of the St. Louis Cardinals and Brooklyn Federals, has also cast his lot with Bresnahan's team.

Golf a Popular Sport.

According to Walter J. Travis, golf is played today by one in every fifty persons throughout the United States. If Mr. Travis is correct in his estimate it means that there must be at least 2,000,000 golfers in this country at the present time.

SCIENCE—INDUSTRY.

Gasoline From Shale.

In view of the ever increasing price of gasoline and the increase in demand for it, it is important to know that an almost inexhaustible supply of oil may be obtained from the shale of northern, western Colorado, northeastern Utah and southwestern Wyoming. This shale contains materials which, when heated, may be converted into crude oil and natural gas. The high cost of distilling oil from shales compared to the cost of producing oil from wells has thus far prevented the development in these countries of such an industry and may continue to prevent it for some time, but sooner or later this great source of supply will be utilized to supplement the production of oil from the regular oil fields.

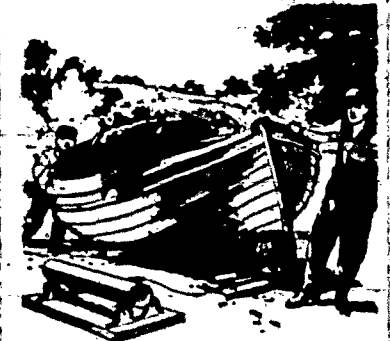
The oil derived from the shale is similar to that which is being produced from wells in the United States at the rate of more than 200,000 barrels a year. When refined by the usual methods the shale oil yields an average of about 10 per cent gasoline, 25 per cent kerosene and a large amount of paraffin. United States Geological Survey.

Camera's Pump Filter.

A compact pump has been placed upon the market which overcomes the difficulty in obtaining pure drinking water that frequently interferes with the pleasure of camping or of long automobile trips. The pump includes an intake pipe and a filter chamber. The lower end of the intake pipe may be placed in the muddiest kind of water. It is covered with a fine mesh strainer through which the water is drawn by the upstroke of the piston. The water is forced from the pipe into the filter chamber, where it passes through a mixture of infusorial earth—a fine clay formed of the residue of microscopic shells—and from there is discharged through the nozzle of the pipe. A supporting leg fixes the pump to the edge of the stream or pond supplying the water. Scientific tests prove that water passing through this pump filter can be used with safety for every purpose.

Beaching a Motorboat.

The device shown in the illustration is a boat consisting of a piece of three inch pipe about eighteen inches long placed so that it will revolve on four inverted casters, which are screwed to a board. Popular Mechanics. When the boat has been run around the device is placed under the keel and the device is pushed by hand until the entire length of the keel has traversed the rollers. The device is again shifted forward and the process repeated until the boat is high and dry. If two sets of rollers are used the process is considerably easier. The outfit is small and can be readily carried in the boat for use wherever it is desired to beach it.



DEVICE FOR MOVING BOAT ON LAND.

When a smooth round hole of small diameter is required a hand reamer is used to produce it, and many times the reamer is from 60 to 70 degrees under the angle. The reamer may be made to work effectively in the following manner: With a scraper made of a medium size half round file burnish the face of each flute with the oval side. This will raise an edge and cause the reamer to cut larger, the size depending on how long and hard the faces are burnished. This, of course, does not make a permanent edge, but it does very nicely in an emergency.

Making a Reamer Cut Overseas.

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Advice to Motorists.

Never open the throttle too quickly, but give the motor a chance to pick up gradually. Keep your brakes adjusted. Familiarize yourself with the use of the hand lever brake and thus be prepared for emergencies. Be sure to release the clutch before shifting gear. Don't accelerate too quickly. This causes the car to jump and the motor to pound. Should you detect any unusual noise while running, stop and investigate the cause at once.

See Lion Hides For Leather.

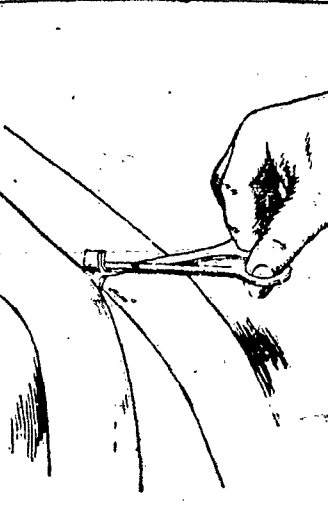
On account of the growing demand for leather, by reason of war conditions, the hunting of seal lions and the use of seal lion hides for leather are proposed as new industries for the Canadian Pacific coast. It is reported that a factory in British Columbia has made some excellent gloves, belting and other leather articles from seal lion hides. Commerce Reports.

Use of Tire Chains.

When installing tire chains it is not advisable to have them too tight. If the chains are held in a fixed position the tread of the tire is apt to be loosened at these points. If the chain is slightly loose it will work around to different positions and cause less injury to the tread.

HINTS FOR THE BUSY HOUSEWIFE

Seam Ripper That Operates Like Scissors.



It has resulted for a woman to construct a really satisfactory device for ripping open a seam, and this has been done only recently by an inventive female of Utica, N. Y. The apparatus is made somewhat on the lines of a pair of scissors with pivoted handles in the disposition of the blades and the cutting surfaces thereof. This will be readily understood by consulting the illustration. The front portions of the two blades are sharpened and as the implement is pushed forward the threads are cut and the seam opened by the action of the blades as they are operated by the fingers.

Homemade Mattress.

A good mattress costs so much that a great many people use straw ticks instead, and especially those who live in the country. But the following mattress is just as good as the kind you buy and a great deal cheaper. It can be made of ticking, muslin or calico. Make a tick like the covering to a mattress, with narrow strips set in the sides and ends so it will make a square shaped tick when filled. Then fill it with straw or cornhusks. Next make a cotton comforter, but make it a little heavier than an ordinary comforter and knot it well. Lay the comforter on top of the straw tick and stretch both together around the edges, and you will have a good mattress with a soft cotton top.—Farm and Fireside.

Baked Salmon Loaf.

A pint of cooked salmon, free from bone and shredded fine, a cupful of breadcrumbs, an egg, a tablespoonful of butter, half a teaspoonful of salt. Mix all together. Take two hard boiled eggs, fold them in center of loaf and bake half an hour in moderate oven. This is very nice served cold for lunch. Eggs will be in center of each slice or can be eaten hot with white cream sauce made as follows: A tablespoonful of butter, a teaspoonful of flour, a cupful of milk. Let come to a boil, season with salt and pepper.

Parker House Rolls.

Sift thoroughly, about four times, a quart of flour, three heaping teaspoonfuls of baking powder and a teaspoonful each of salt and sugar. Rub into this a tablespoonful of very hard butter. Beat an egg very light and mix with two cupfuls of cold sweet milk. Use this to mix the dough with. Roll out one-half inch thick and cut into rounds. Spread softened butter over each, fold over one-half and place in pans, not touching each other. Rub them with sweet milk and bake until brown in a hot oven.

Household Wisdom.

Salt dissolved in alcohol will often remove grease spots from clothing. Copper utensils of all sorts are best cleaned with vinegar and salt. Embroidered articles frequently can be cleaned by rubbing dry meal on them and then brushing off thoroughly. When black gloves become rusty at the finger ends they may be restored by adding a few drops of black ink to a teaspoonful of olive oil and applying with a camel's hair brush.

Cocunut Pie.

Four tablespoonfuls of sugar, two cupfuls of milk, one-fourth cupful of cream, two tablespoonfuls of corn starch, two eggs, one-half cupful of shredded coconut, one-half teaspoonful of vanilla. Scald milk, beat yolks with sugar, add cornstarch, mix with milk. Cook until thick. Pour into crust. Put beaten whites of eggs on top. Brown in oven.

Fudge With Nuts.

Boil two cupfuls of granulated sugar, three-fourths cupful of corn syrup and one-fourth cupful of water until it hardens when dropped in cold water. Have ready the whites of two eggs beaten stiff. Stir syrup slowly into the hot nuts and beat until it begins to harden. Add one cupful of chopped nuts.

To Clean Brass.

An excellent way of cleaning brass ornaments or trays is to rub them well with a piece of lemon; then pour boiling water over them, and finally polish them with a soft dry cloth. You will find that the lemon will remove all the stains from the crevices in the brass.

CHILDREN'S CORNER.

A Tree Game.

The tree game can be played by any number of children, boys and girls participating. The questions for this game may be read from a slip of paper, each must have an opportunity to guess the answer. The list may be extended.

Why a tree expresses longing? Pine. The traitor's tree? Judas. The most level tree? Plane. The schoolmaster's tree? Birch. The parental tree? Pawpaw. The "deadhead" tree? Yew (you use). The tree of the shore? Beech. The personal pronoun tree? Yew. The historical tree? Date. The tree a part of the hand? Palm. The tree you fish for? Bass. The tree naming pork? Mologany. The delinquent tree? The wild (will) owe. The tree that fire burns not? Ash. The tree that bears most fruit? Mulberry. The most ancient tree? Elder.

Where Names Come From.

Once upon a time given names were the only names in use. One was Tom Dick or Harry, and that was all there was about it. Our present surnames arose from nicknames, says the American Boy. Thus Tom the Taylor became in time Tom Taylor, and his descendants used Taylor as a family name. The most familiar of our surnames were taken from the occupations of our forefathers, as Smiths, Bakers, Brewers, etc. Many men moving to new towns had the name of the place from which they had come transferred upon them. Others took names like Pope, King and Bishop from playing those parts in plays. Hog and Bacon are simple. Purcell developed from porcine, meaning little pig. Tom meant fox. Fitchie was polecat, and so the keen student of language traces the beginnings of our names in the old dialects.

Biddy Didn't Care.

Little Ruth was helping mother feed the hens. As they scrambled for their food one ill-natured biddy pecked at another, pulling out a bunch of tail feathers. Ruth looked at the feathers then at the upstart. Then a great idea dawned upon her, and with visions in her mind of a hat with plumes, she called her mother's attention to the feathers on the ground. Mother misunderstood. "Never mind, dear, they'll grow back," she said. As Ruth pictured her dolls with plumed hats, she doubted her mother's statement. "Mother, can't I have the feathers?" "Mother, can't I have the feathers?" "Don't think they'll grow back!"

Progressive Enigma.

1. If you must 1 2 3 4 that 5 6 7 8 had, 9-10-11-12 you please wait till the 1 2 3 4 5 6 7 8 9 10 11 12 has begun his evening song. 2. Do you want to know why 1 2 3 4 5 6 7 not join the party? She was hunting for the 1 2 3 4 5 6 7 she heard in the grass. 3. What a 1 2 3 4 he has got into for a boy of his 5 6 7! Let me read you his mother's 1 2 3 4 5 6 7 about it. 4. They gathered about the town 1 2 3 4, all those who were kith and 5 6 7 to me and listened to the story of Cinderella and her 1 2 3 4 5 6 7 coach. Answers: 1. whippoorwill; 2. katy did; 3. message; 4. pumpkin.

About Greyhounds.

A greyhound is probably the fastest creature that moves upon the earth, says a breeder of dogs. It is on record that a greyhound beat that famous race horse Flying Childers. An absolute trial between horse and greyhound is difficult to bring off, because while the horse can be ridden at top speed it is impossible to insure that the greyhound will run all he can. But a dog that can start fifty yards behind a hare and overtake it within another fifty and this is about what the greyhound does most "surely" be faster than anything else that runs and has his superior only among the birds.

A Braided Stream.

A river not confined to a single channel but broken up into a number of channels, which in turn branch and unite in a complex and confusing manner, is called a braided stream. It is caused by the slight fall of the stream which prevents it from carrying away all the sediment swept into it by its numerous tributaries. This material chokes the stream and forces it to spread into many shallow and shifting channels, resembling the strands of a rope. A good example of this is Jefferson river in Montana. United States Geological Survey.

An Alphabetical Game.

A very amusing game is called "I packed my trunk to go abroad." All the players sit in a circle and one begins, saying, "I packed my trunk to go abroad, and in it I put an apron," or something that begins with A. The player on his left says the same, only adding something beginning with B, and so on until the whole alphabet has been used. The players have to recall the articles in alphabetical order until a letter that has not been named becomes theirs to name.

Numbers Change.

The players stand in a large circle and are numbered consecutively. One player takes his stand in the center. He calls two numbers, and the players whose numbers are called must change places with the center player. The one left without a place changes places with center player.

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