

CROSS TIE INDUSTRY.

Millions of Ties Purchased By Railroads in 1908.

Washington, June 17th.—During the year 1908, the steam and electric railroads of the United States purchased more than 112,000,000 cross-ties, costing, at the point of purchase, over \$56,000,000, an average of fifty cents per tie, according to statistics just made public by the Bureau of the Census in co-operation with the United States Forest Service. This was some 40,000,000 ties less than the quantity purchased in 1907, when the total was approximately 153,700,000, the highest ever recorded. The decreased purchases in 1908 were, of course, chiefly due to the business depression which affected every line of industry. This forced most of the roads to purchase only the ties which were absolutely essential for renewals, and heavily cut down the purchases for new tracks. In 1908 only 7,431,000 cross-ties were reported as purchased for new track as against 23,557,000 in 1907. Of the total number of ties purchased for all purposes, the steam roads took approximately ninety-four per cent, leaving about six per cent for the electric roads.

It is very interesting to note the wide range of woods used for cross-ties. The preliminary report by the Census Bureau lists separately fifteen classes or species. Of these the oaks are now and have always been by far the most important. The oak ties amounted to more than 48,000,000, or forty three per cent of the total quantity purchased. Next to these ranked the southern yellow pines, with 21,500,000, or nineteen per cent of the total. It will be seen that the oaks and southern pines combined furnished nearly three-fourths of all the ties bought by the railroad companies last year. Cedar and chestnut supplied more than 8,000,000 ties each, and Douglas fir nearly as much. About 4,000,000 tamarack ties were purchased, nearly 3,500,000 cypress ties, and, in round numbers, 3,000,000 each of western pine and hemlock. Redwood, white pine, lodgepole pine, gum, beech, spruce, and several other woods were used in smaller quantities.

While the oaks, and particularly the white oaks, have always been the preferred woods for cross-ties and still form a large proportion of the total, the increasing prices which the roads have had to pay for satisfactory oak ties are forcing them to look more and more for substitutes. This accounts in part for the great variety of woods reported. White oak, untreated, makes a tie which gives excellent service for many years, but it has been found possible to take woods which naturally are not durable, give them a treatment with either creosote or zinc chloride, which will prevent decay, and thus get much longer service from them than can be secured from untreated oak ties. Among the woods which have been most largely treated so far are the yellow pines, particularly loblolly pine, Douglas fir, western pine, and lodgepole pine.

This year's statistics adds to the list two kinds of cross-ties which previously had not been reported in sufficient quantity to justify listing them separately. These are gum and beech. The purchases of gum ties in 1908 exceeded 260,000, while but slightly more than 15,000 of them were reported in the previous year. Of beech ties, the purchases in 1908 amounted to nearly 193,000, against but little more than 51,000 in 1907. These are woods which are distinctly not suitable for cross-ties unless they are given preservative treatment. Their increased use, therefore, is one of the many results of the progress of wood preservation in the United States. For many years beech has been one of the principal cross-tie woods in Europe, where its value when given chemical treatment was long ago recognized. It is not uncommon for European roads to secure from twenty to thirty years service from beech cross-ties. Untreated they would not last long enough to warrant their use at all.

Chamberlain's Cough Remedy the Best on the Market.

"I have used Chamberlain's Cough Remedy and find it to be the best on the market," says E. W. Tardy, editor of The Southern, Greensboro, Tenn. "Our baby had several colds the past winter and Chamberlain's Cough Remedy always gave it relief at once and cured it in a short time. I always recommend it when opportunity presents itself." For sale by All Druggists.

No Doubt.

"Some of the department stores are putting in theaters."
"Will they allow shoppers to inspect a couple of acts, with a view of buying seats if the play suits?"

Rings Little Liver Pills regulate the bowels and cure sick headache. Easy to take. Pileuses, carbolic, thoroughly healing and relieving, antiseptic, soothes and stops pain. Sold by Simpson Drug Store.

Our Country's First Naval Flag.

In 1775 the American colonies were beginning their life and death struggle with Great Britain. One day in the autumn of that year a man appeared before the marine committee of the Continental congress at Philadelphia and asked for employment in the navy which the colonies were trying to form for defense. The man was not tall, and he was quite slender, but his eyes were very sharp and bright, and he had a forceful way with him that showed he could do all he undertook to do no matter what it was. His name was John Paul Jones, he said, and he had walked all the way from Fredericksburg, Va., to Philadelphia. He was very poor in purse then, but exceedingly rich in courage and military genius.

Congress commissioned him as first lieutenant of the first war vessel ever fitted out in the infant nation. It was named the Alfred and had been changed from a merchant ship to a man-of-war. The commander of the Alfred was a Commodore Hopkins, whose seamanship ability Jones had a hearty contempt for. Lieutenant Jones with his own hands raised over the ship the first independent naval ensign ever used in America. It was the so-called "rattlesnake flag." In the center of a piece of yellow silk the size and shape of the present American flag was the picture of a rattlesnake coiled ready to strike, and underneath it the motto, "Don't Tread on Me."

It is odd, too, that when the stars and stripes were afterward adopted as our national emblem John Paul Jones was the first man to float the

ADMIRAL'S FLAG AND MAN-OF-WAR PENNANT.

new flag over a naval vessel. His policy in sea fighting was to sail directly to the enemies' coasts and there to disturb and injure them that they would have no chance to send their ships against us here. Of the fame and glorious victories of John Paul Jones you have learned in your school histories. There are different flags for all the higher ranks of naval officers. The long, beautiful man-of-war pennants look very inspiring to an American as they float full length from the masts of our naval vessels.



Hard Luck.
Johnny said—Why, what are you crying about, Willy?
Willy Centiped—Because I hung up my stockings, and Santa Claus only put presents in thirty-nine of 'em. Booboo!

An Optical Illusion.
Did you ever try to see through your hand? By following these directions you may at least make yourself believe you are looking right through the palm: Cut of a piece of pasteboard about five inches square roll a tube. Have one end just large enough to fit around the eye and the other a little smaller. Take the tube between the thumb and fingers of the right hand, put the larger end to your eye and press your left hand against the smaller end. Keep both eyes open. Objects beyond the left hand will be plainly visible, and there will appear to be a hole through the center of the palm. It is the uncovered left eye which is actually doing all the seeing; but, so far as appearances go, it will seem as if the right eye were seeing, too, straight through the left hand.



A Picture Puzzle.
Much is said, and much is said, And life has many woes, May we keep clear from year to year Of what this picture shows.
Answer.—A misunderstanding between friends.

The Land of Puzzledom.

No. 489.—Numerical Enigma.
From a carpenter's tool subtract a letter and find the basis of this puzzle. Add two letters and find something in the heavens. Subtract the head and tail and leave a path.

No. 490.—Charade.
My first is rigid, formal, cold, And never pleasing to behold. My second's fragrance fills the air When summer days are bright and fair. My whole has never had its birth Till gladsome spring's returned to earth.

No. 491.—Fruit Dish Puzzle.
On the chart can be spelled twelve kinds of fruit. You may move in any direction and use the same letter more than once, but you must not skip.

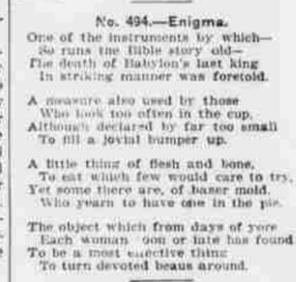


No. 492.—Odd Transpositions.
Add e to weight, transpose and make a form of obligation.
Add p to full, transpose and leave a daily publication.
Add i to base, transpose and have a state of this great nation.
Add p to strike, transpose and make a part of plant and tree.
Add a to skin, transpose and show a number next to three.
Add y to talk, transpose and leave a vessel on the sea.

No. 493.—Fractions.
Take one-sevenths of a cabbage, two-thirds of an artichoke, one-sixth of a radish, one-fifth of an onion and one-sixth of a tomato. Arrange carefully and another vegetable will be produced.

No. 494.—Enigma.
One of the instruments by which—
So runs the Bible story old—
The death of Babylon's last king
In striking manner was foretold.
A measure also used by those
Who look too often in the cup,
Although declared by far too small
To fill a jovial bumper top.
A little thing of fish and bone,
To eat which few would care to try,
Yet some there are, of baser mold,
Who yearn to have one in the pie.
The object which from days of yore
Each woman soon or late has found
To be a most exquisite thing
To turn devoted heads around.

No. 495.—Cities Rebus.
What European cities are here pictured?



No. 496.—Diamond.
A letter from snowy;
Then qualified, heed;
The next, with force violent,
Or again, at full speed;
A bird that's quite common;
Now jaded you see;
Of ascent, a motion;
A letter from wee.

No. 497.—Concealed Abodes.
There is much latent good in that man.
You will have to shovel the snow, for it's too deep to sweep off.
You must cast leniency aside and be sternly just in this case.

Trumpet and Drum.
A frenzied free from noise,
From din and clash,
Proclaims that certain toys
Have gone to smash.

Key to Puzzledom.
No. 481.—Word Building: Satisfactory.
No. 482.—Charades of Countries: 1. Den, mark—Denmark. 2. Lap, land—Lapland. 3. Fin, land—Finland.
No. 483.—Talking Baby Puzzle:

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Body Training For Children.

Hardly any children are naturally graceful after they have passed babyhood. For that reason all boys and girls ought to be trained in gymnastic exercises that will develop every muscle of the body and bring it into use. It will not do just to let oneself grow to maturity anyhow and any way, like a crooked tree.

There are several good systems of gymnastic training, one or another of which ought to be as much a part of school instruction as writing or arithmetic. The regular military drill which has been introduced into some schools is excellent.

Another fine scheme of physical culture is the German turner system. In Germany and in some parts of America there are turner halls especially provided for girls and women, so they, too, may become graceful and athletic.

Another system of physical instruction is that devised in Sweden and in use there since 1840. Figures

have been kept of the results of this gymnastic training, and it has been found that since it was inaugurated among the Swedes in general the average of human life in their country has lengthened eight years and a half.

In other countries of Europe this fine Swedish system is now being adopted, with great benefit to the health and good looks of both children and grown people. It aims to cultivate quick, light, lively movements of the body. For young capable teachers are given show some of the exercises in the Swedish plan. A most important part of the training is deep breathing through the nostrils, never



NECK AND WAIST MOVEMENTS.
through the mouth. Breathing with the mouth open causes catarrh and sore throat. Don't let yourselves do it under any circumstances.
The deep breathing through the nostrils you can all train yourselves to do. Stand quiet erect in the open air, with the chest held up, and breathe slowly through both nostrils, mouth tight closed. Then take a gasp at a slowly, taking the air in as you did to inhale.

Lifting With a Decanter.
It seems almost an impossibility to lift a decanter by a bent straw, but the feat may be accomplished. The decanter should have a narrow neck and a wide and rather square shoulder part. The straw must be a good one about two and a half feet long. This

Human Nature.
No man respects free advice.
We'd rather go
To those we know
Will charge a handsome price.

Ought To Help.
"We must do something to improve collections at church."
"Why not have the plate passed by our prettiest girls?"

Supposed.
Sometimes I think, I really think,
That babies live in trees,
That brownies come from Brownie Land
And ride on tumbleweeds.
Sometimes I think, I really think,
That fairy tales are true,
I don't believe in ugly things
Like witches, though, do you?
—St. Nicholas.

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Deaths Due to Unclean Stables.

More than passing importance attaches to the statements of Dr. Austin Peters, chief of the Massachusetts state cattle Bureau, when, in speaking of the slaughter of cows in New York, he said; that clean stables were of more value in obviating the danger of milk than a crusade against tuberculosis. Wholesale killing in his opinion was useless and a physical inspection was all that was necessary to determine the conditions of suspected cattle. As reported by The New England Farmer, Dr. Peters holds as follows in regard to the tuberculin test:

That clean stables were of more value in obviating the danger arising from milk than a crusade against tuberculosis. He said that wholesale killing was useless, and that a physical inspection was all that was necessary to determine the condition of suspected cattle.

Dr. Peters said that tuberculin was used in Massachusetts only at the request of cattle owners. At the detention stations every imported cow for dairy purposes is tested twice; and a cow, if excused, will sometimes respond to tuberculin on the first test. Even under the double method mistakes occur, as out of 275 cattle killed in the Brighton yard in 1906 after tests, eight failed to reveal lesions. This, declares Dr. Peters, is a very small portion.

Then comes this concluding statement which is full of interest. Probably there are more deaths, many times over, caused by neglect of stables and improper care of milk than from bovine tuberculosis transmitted to human beings.

A Fool Missive.
There are said to be all kinds of fools in the world, and one of them has started a "chain prayer" accompanied by an explanatory or threatening missive which may frighten some superstitious persons. One of our lady readers recently received a copy of this strange missive, and no doubt others have received the same, which she has sent The Record as a sort of curiosity.

This peculiar missive begins with a short prayer; and then some great misfortune is threatened if the person who receives it does not copy the prayer every day for nine days, and if it is copied for nine days on the ninth day some great joy will be experienced. The recipient of the missive is also cautioned not to break the chain, and is advised to make a wish while copying the prayer.

The lady who has sent this missive to The Record says that she is not at all superstitious, but that she is copying the prayer for nine days, as directed, simply as a pastime. Chatham Record.

Pineales—new Kidney remedy— are for all diseases of the kidney and bladder. They act promptly in all cases of lame back, rheumatic pains, inflammation of the bladder, urinary disorders and weak kidneys. Sold by Simpson Drug Store.

Cause Of The Panic.
The Greensboro Telegram remarks: Mr. Harrison says the panic was caused by the big fine imposed on Standard Oil by Judge Landis. Isn't it more likely that the real trouble was that the government didn't collect the fine?

The logical deduction is that the Standard Oil Company started it first and caused Judge Landis to impose a fine that the Roosevelt administration didn't collect. The first singer is the culprit.—Wilmington Star.

Mothers— Have you tried Hollister's Rocky Mountain Tea? It's a great blessing to the little ones, keeps away summer troubles. Make them sleep and grow. 35c. Tea or tablets. Asheville Drug Co.

Self-Sharpening Shears.
The demand has been so great for the self-sharpening shears that The Courier has trouble in keeping them in stock.

We have on hand a new and large supply. Every time a dollar is paid on subscription to The Courier the payment of 25 cents extra will get a pair of Hamilton's celebrated tension shears worth more than a dollar anywhere of anybody's money. Send in your subscription today. Do not wait until you come to town, but send it along by mail in stamps or money order or check.

Summer coughs and colds are obstinate and difficult to cure. The most prompt method is to take something pleasant which will gently move the bowels; a good laxative Cough Syrup will surely and promptly cure your cold. Sold by Simpson Drug Store.

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Mild Laxative for Baby Free

The child of today is the parent of the future, and whether it grows up healthy and strong, or puny and weak, depends upon the intelligence of its parents, for most children are born into the world healthy, but thousands become future weaklings between birth and the age of ten, when the parents are still in greatest control.

The prime cause of trouble is in the stomach. A baby that is digesting its food seldom cries and always looks cheerful; the little child whose stomach is good romps and plays and never whines; the growing child learns well at school and is eager for fun if his head is clear and his stomach light, and that means if it has no constipation.

The best and safest way to cure any irregularity of the stomach and bowels in children is by the use of Dr. Caldwell's Syrup Pepsin. This is a liquid laxative wonderful in its effect as Mrs. John W. Dunham, Apple Creek, O., Mrs. H. L. Cullum, Plainville, Ind., and numerous others can testify who give it to their children with extraordinary results.

A bottle only costs 50 cents or 75 cents according to the size you want, and even a 50-cent bottle will do a wonderful amount of good in a family. It can be given to any member of the family in constipation, sour stomach, indigestion, torpid liver, dyspepsia, heartburn, sick headache and similar digestive troubles. It never gripes or strangles like pills, tablets, salts and powders, which should not be given to children, women or old folks.

If you have a child or other member of the family who needs, but has never used this grand laxative tonic, send your name and address to the doctor and a free trial bottle will be sent to your home. In this way you can find out what it will do without personal expense.

If there is anything about your ailment that you don't understand, or if you want any medical advice, write to the doctor, and he will answer you fully. There is no charge for this service. The address is Dr. W. B. Caldwell, 560 Caldwell Bldg., Monticello, Ill.

STANDARD DRUG CO.

Latest Novelties

We are now showing the latest fads in Ladies' Collars, Jabots, laundered and soft Dutch Collars and pretty lace patterns.

Full assortment of Ruching, Windsor Ties, belts and Belting.

You will be interested in seeing our attractive line of Dress Goods. Select line of popular patterns in Percalés, Gingham, Lawns, Linens, &c

We have the smartest in Shoes, Clothing and Hats, for Men and Boys.

W. J. MILLER,
Asheboro, N. C.

GUERNSEY BULL

14 months old: Sire Pride of North Carolina No. 11237 Dam Heroine of Haddon No. 14, 927. This cow gave 5 gallons of milk that tested 5 1/2 per cent. butter fat which is much above the average. This is the best bred Guernsey in the South. He is a large, strong, gentle animal ready for service. Price \$100.00 registered and transferred.

John A. Young,
Greensboro, N. C.

4,000,000 Peach Trees.

The J. C. Hale Nursery Co., Winchester, Tenn.

Exclusive Growers Peach Trees.
June buds a specialty. No agents traveling, but sell direct to planter at wholesale prices. Absolutely free from all diseases and true to name.

Write us for catalog and prices before placing your order elsewhere. We guarantee our stock to be true to name. Largest peach nursery in the world.

J. C. HALE, Prop.
Winchester, Tennessee.