simple rule for carburetor adjustment

Proper Oiling is Essential.

A low-grade oil cannot meet the special requirements of Ford lubricar standing and the engine running, cation and will cause wear on the ac-

For the engine, proper oil should be heavy enough to resist intense heat and thus prevent heavy carbon deposits and avoid boiling the water.

For the transmission gears the oil should be extra heavy to cushion the gears and prevent noise and wear.

For the disc clutch the oil should be light enough to prevent danger to the operator from "dragging," especially when starting the motor in cold

These three different conditions de mand a compromise in the body of the one oil used. Light oil cannot efficiently lubricate the Ford engine, transmission and gears.

Use of unsuitable oil will soon cause even the highly efficient engine to show certain undesirable effects Automobile engineers have analyzed these results as bucking or jerky en-gine, carbon and dirty spark plugs, engine knocks, overheating and loose

Each of these five operating conditions was further analyzed as follows:

A bucking or jerky engine may erise from any one of six causes-carbon doposits and dirty spark plugs. worn or leaky piston rings, pitted or sticking valves, engine worn by sedi-ment in the lubricating oil, uneven spark plugs or too lean or too rich an explosive mixture.

The first four of these causes are usually the direct result of faulty hubrication. How to correct this difficulty is explained further on in this

The fifth cause of bucking-unever by fitting a smooth ten-cent piece between the points; 1915 and earlier models a trifle closer. See that all four plugs have the same gap.

The sixth cause of a bucking engine

Wisps of Wisdom.

It doesn't take a botanist to dis-

Be what your friends think you are.

Worry is a form of cowardice. It is

cover a blooming idiot.

governs his worst enemy.

friends rever gossip about us.

ority pays to merit.

you are.

hood knew.

Jealousy is the homage that inferi-

The man who controls his temper A delusion is our idea that our Avoid being what your enemies say

born of fear and comes from the consciousness that we are not equal to his measurements for a suit of clothes cope with the obstacles that confront with the camera. A special tape measure marked with big figures is fitted from the neck to the feet, and three Parents themselves must be taught others round the back, waist, and hips. dining room, where their venerable the value of an education. They are A photograph is then taken of the not fit to have children if they do not tailor's client from the front, side, and chair. I gave the girls a good soaking want them to enjoy even greater and back. The tailor thus obtains a perbetter privileges than their own child- manent record with all the necessary old lady, who was immensely gratified measurements.

and transmission. In the Ford engine one oil must bubricate three entirely different mechanisms. One oil must meet the requirements of the engine parts, the transmission gears and the disc clutch. Carbon deposits and dirty spark

enrich the mixture and then cut down the amount of gascline fed by the car-

plugs are frequently due to inefficient lubrication, also to wrong carburetor mixture and to worn pistons and

ings.
The carburetor adjustment is ex plained above.

Mechanical faults can be remedied

by installing gas-tight piston rings.

Too much oil, or the wrong oil, causes carbon deposits and dirty spark plugs.

Oil that is too thin works up into the explosion chambers in large quantities. Oil that is too heavy carbonizes rapidly in the cylinder. Oil that breaks down under heat forms voluminous black sediment.

Any one of these three conditions increases carbon deposits and soots up the spark plugs.

Engline knocks are due to one or ore o the following causes: Preignition due to carbon, worn connecting rods, worn bearings, loose-fitting piston rings, piston striking a cylinder-head gasket, too advanced spark or wrong carburetor adjustment. Notice that the first four causes of

locks usually result from inefficient

The commonest cause of overheat-ing, and the one that is most often of Yesterday the following adventure overlooked, is faulty lubrication—the use of poor oil not suited to the en- When Lord Frederic was a member of gine or the use of too much oil.

Then look for trouble lubricated. elsewhere.

high speed and high temperature. You this point we quote Lord Frederic: spark plug gaps—is easily corrected can readily see that unless the lubricating oil maintains a durable, fric- throwing day and suggested that he tionless film between these metal sur- wear his cldest clothes. Sir Edward faces rapid wear will surely result.

Secret is Out.

"Why does a woman's hat cost so much more than a man's? Surely, the trimming can't account for more than a fraction of the difference."

"Certainly not. But you must remember that it costs more to sell a hat to a woman. A man seldom takes up more than two minutes of the salesman's time, while a woman will keep the entire sales staff busy for half a day."

The tailor of the future will take

What Did They Really Mean?

with which to convey thoughts, and the most carefully constructed speech can give to another only an approximate kies of the originator's real meaning. It may be safely asserted that it would be impossible to make any statement of the simplest fact with certainty that the hearer would exactly comprehend the speaker's Even an apparently unequivocal "yes" or "no" may be misinterpreted.

Not only is it difficult to the point of practical impossibility to surely understand another, but, after a lapse of time, a person will not always under stand what his own words were mean times quite unable to read his notes may sometimes be due to the fact that an education and experience develop the mind, words assume differen meanings, the first meaning being for

Pathous stribes have not infrequent ly been unable to explain the meaning of their earlier writings. For instance when Jedob Brothme was on his death-bed, some reverent pupils came and begged that before he ded he would bagged that secore ne used he would apple to them difficult passages in his works. "My dear children," the great mywile edid, after vainty pussing over the these, "when I wrote that I understood its meaning, and no doubt the omniscient God did. He may still remember it, but I have for sotten." Klopstock's admirers like wise were paried by one of his stance, and amissised to him the adiabate enment. The attent will not be slowly remaid the want or addition then shook his half the added cannot recollect what I make the street it, but I do referent the street though the street though the street though the street though the street works. may still remember it, but I have for of the finest things I ever

Words are indeed clumsy things | your lives to the discovery of its meaning!" Cardinal Newman, in his old age, frankly acknowledged that he had no idea what he meant when he wrote in his famous hymn, "Lead, Kindly Light," the words: And with the morn those angel face

> smile Which I have loved long since and lost

awhile.

And yet, to many persons, those lines do not seem in the least ambiguous or usceptible of but one interpretation.

Browning merely laughed when asked what certain passages in his poems really meant, and declared, "Upon my word, I don't know what it nears. I advise you to ask the Browning Society; they'll tell you all about it." And at that, there may have been more truth than jest in the suggestion—it is quite possible that careful students of the works of an author might come closer to the true

original meaning of an obscure passage than the author himself.

Concerning "Mosses from an Old Manse," Hawthorns once said: "Upon my honor, I am not quite sure that I my nonor, I am not quite sure that I entirely comprehend my own meaning in some of these allegories; but I remember that I always had a meaning, or at least thought I had."

A difference of opinion by author and reader as to the meaning of a

phrase was evidenced once when Gold smith was salied if he meant tardiness of locomotion by the word "slow" in the first line of the "Traveler"—
Remote, unfriendly, metancholy,

intel 094, Telesconia

and the worst is yet to come



Water-Throwing in the Argentine

The discomfiture of the pompous al- | and on reaching the shelter of our ofways pleases unregenerate man. lubrication. The remedy of the last There is perhaps a certain malice in three causes is obvious. Hamilton tells in his Vanished Pomps of a too dignified British diplomat. the British legation at Buenos Aires To avoid overheating first make in Queen Victoria's time, a new minissure that your engine is efficiently ter, whom he calls Sir Edward, was sent out. On Shrove Tuesday, the last day of the carnival. Sir Edward start-The Ford engine runs at unusually ed to go as usual to the legation. From

I told my chief that it was watergave me to understand that he imag-Loose bearings, one of the principal ined few people would venture to causes of knocks and loss of power, throw water over Her Britannic Mathe wrong mixture—can also be are the direct and inevitable result of jesty's representative. But I knew quickly corrected by following this using the wrong oil. what was coming. In the first five what was coming. In the first five minutes we got a bucket from the top of a house, and it soaked us to the skin. Sir Edward was speechless with rage.

> Men were selling everywhere on the streets the large squirts that are used on those occasions. I equipped myself with a perfect arsenal of pomitos, as they are called, but Sir Edward waved them disdainfully away. Soon two girls, armed with pomitos, darted out of an open doorway and caught us each fairly in the face. Then they giggled and ran into the house, leaving the door open. Sir Edward fairly danced with rage on the pavement; but, since the door was open, we were entitled by all the laws of carnival time to pursue our fair assailants, and I did so. I finally caught them in the grandmother was reposing in an armat the attention.

more interludes of similar character, ter plenipotentiary. Balsa Wood.

bler against German submarines.

the wood of a tree native to the trop-

ics of America, is lighter by one-third

It is not at all like any other kind

of wood. Instead of having a fibrous

thin-walled cells containing nothing

but air. To prevent it from rotting,

it has to be treated chemically by a

process which, incidentally, renders it

This curious wood is used for hydro

plane pontoons, for toy airplanes, for

surf-boards and for sportsmen's de-coys. Relatively to weight, it has far

greater structural strength than any

other kind of wood. It is coming into

extensive use for refrigerator com

partments on ships, and is thought likely to prove equally serviceable in

Alone.

Why should we faint and fear to live

She Should Worry.

Since all alone, so Heaven has

-John Keble

structure, it is composed of hollow

than cork.

warehouses.

alone.

willed, we die?

next our own,

even the tenderest

Knows half the reasons

ficial sanctuary I was really pained to observe how Sir Edward's garments had suffered. Considerably ruffled, he sat down to continue ar elaborate memorandum that he was drawing upon the new Argentine customs tariff. Presently our housekeeper, a German, Frau Bauer, entered the room demurely and made her way to Sir Edward's table. "Will His Excel-lency be so kind—" she began; and then suddenly, with a discreet titter, she produced a large pomito from under her apron and, secure in the license of carnival time, thrust it into his collar and proceeded to squirt half a pint of cold wate rdown his back. returning swiftly with elderly coyness amid an explosion of giggles. I think I have never seen a man in such a furious rage! Nevertheless, he was after all a good sport. When he had eased his mind sufficiently he snapped ont:

"It is impossible to do any serious work to-day. Where can one buy the infernal squirts these idiots use?"

"Shall I buy you some, Sir Edward?" Yes, a lot, and the biggest you can

I did so; and we parted. Returning home hours later after a moist but enjoyable afternoon, I saw a great crowd gathered at the function of two streets engaged in a furious water fight. The central figure was a most disreputable looking man with a sodden wisp of linen where his collar should have been; remnants of a tie trailed dankly down, his soaked garments were shapeless, and his head was crowned with a sort of dripping poultice. He was spanking water in all directions, like the Crystal Palace fountains in their heyday. Every spurt was accompanied by shouts such as "Take that, you foolish female, and that, you fat

feminine Argentine!" With grief I recognized in this damp

Taught by the Hornet.

During the war "balsa" wood was A hornet is said to have revolution the material used for the 70,000 mine ized the whole of the paper trade Making paper from wood was the dis-covery of a Dr. Hill, of Augusta, Maine. buoys which, stretched across the North Sea, proved so effective a bar-One day the doctor found an old hor When we wish to express the limit nets' nest, which, he decided, had been of lightness, we say that a thing is made from pulped wood, which looked "light as cork;" but balsa, which is cactly like paper.

Very much interested, Dr. Hill took the nest to his friend and neighbor, nest to his friend and neighbor, James G. Blaine. At this time paper was being sold at about one shilling and threepence a pound.

The friends decided to take the nest

to the superintendent of a paper-fac tory, and the three sat down together and carefully pulled the nest to pieces. Dr. Hill was of the opinion that the only way the hornet could have manufactured the wood into this pulp-like paper was by chewing it, so machinery was set to work and made to do, on a large scale, what the mouth of the hor net had done on a small scale. Thus the wood-pulp industry was started.

Men Who Must Marry.

An Anti-Bachelor Bill introduced in-to the Turkish Parliament makes marriage compulsory for men over twenty-

Defaulters will be fined a quarter of their earnings, which will be deposited in agricultural banks to help peasants to marry. No adult Civil Servant may be a bachelor.
Gifts of land, loans, and State edu-

stion for children are held out as remarie for merriage, with a penalty of bard labor for a confirmed bachelor.

Mistron I think you handle those me chine digled very carelegsly."

Jane—"Don's worry, ma'am. They are so light that they wendup't hart me, even if I dropped 'em en my term." It is not by change of oppoun-etances but by fitting our spirits to the direumatances that we can be puconciled to life Robertson.

"Dead for the Fatherland"

The spirit that prevails in the Re- such a memorial is set up in France, the Nineteenth Century, is gratitude best shown in the common every-day life. I felt it also in a function where the expression of it was self-conscious and deliberate, though the ceremony was as simple and naive as a cere-

On the Sunday that I spent under his auspices, the sous-prefet was ened to inaugurate a memorial at one gaged to inaugurate a mean Noeux les of the little hamlets behind Noeux les for three o'clock, and we were to have and answering, "Mort pour la-patrie," our dejeuner with the maire, who appeared in tall hat and frock coat, with the tricolor sash round his waist, yet, despite his costume, looking the prosperous farmer that he was.

street all overarched and hung with

gions Liberees (liberated districts) of and that seemed to show admirably.

France, says Mr. Stephen Gwyna in the French instinct for what is commemorative and for what is dramatic. for victory. Although that spirit is At the foot of the monument stood the village school-master, a tall quiet man with long, drooping red moustaches, essentially civilian in appearance; but he wore on a captain's uniform the emblem of the Legion of Honor and the croix de guerre with bar. there, this representative of the local soldiery called a roll—only about a dozen names, for a commune is a small place. As each name was called a Mines. The official function was fixed child kin to the name came forward, The mayor's little daughter, in her white dress and red cap, as one of those who answered, and her brother had a wonderful sheaf of phicx and We went out from our repast to the Cichaelmas daisles. It was almost platform, where two local bands blared started by the willow blossoms; these out the Marselliaise in the village droll to see how small boys bustled up crying their "Mort pour la patrie" as tricolors; we got on the platform if it were the catchword in some game, along with the Socialist mayor of an Yet somehow the thing took you by adjoining mining village—all very surprise; I felt as if an unfair assault ffiendly together. M. le soue-prefet had been made on my emotions. But made a pleasantly eloquent speech in good set phrase—and so far it was a funeral; the dominant note was given little like many other ceremonials. by the trumpeted Marsellaise and the But it had one incident new to me that bright streamers; it was an expression I suppose is reproduced whenever of victory and of gratitude for victory.

The Power of a Plant

what would happen.

Gradually it filled the bottle, flatten-

ing itself against the square sides, and at last burst the glass walls of its the trunk.

Some time ago a heavy paving-stone neath. Soft and pliable as the fungus might seem, it was more powerful than the dead weight of the stone, which must have been helf a hundredweight.

Enormous weights have been lifted raised this from the ground. Cucumway when very young and thin their way through this heavy metal.

Another wonderful instance of the bone, and as it grew larger and larger

A correspondent says that he put cleft, and as the root thickened it apilt one of the growing pears on a tree in the stone and raised part of it, weighhis garden into a square glass bottle, ing more than a ton, a distance of a which he fixed against the wall. He foot. At Cambridge, in one of the then watched from day to day to see main streets, there is an iron fence which has been absorbed by a growing tree, so that several of the massive iron uprights have disappeared inside

The only thing that some of these trees cannot resist is the strangle grip began to rise on a pathway in a coun- of another plant that encircles them. try town, and when it was removed to In England honeysuckie often kill a see what had caused the disturbance a tree like the beech, while in tropical mushroom was found growing under- forests many of the creepers kill the trees up which they climb, and then save themselves from falling by throwing out long branches to neighboring trees.

The tiny root hairs of our cor wild plants, though so fine as scarcely by vegetable marrows. some years to be seen, push the particles of earth ago one which was growing under an and the stones on one side and peneold disused cart, from which the trate into the soil like a gimlet. Exwheels had been removed, actually periments have been made with beans which have been grown in water bers, too, have performed prodigies of spread over quicksilver, and the roots valor. One young cucumber found its have been found actually to force

Another wonderful instance of the power of a growing plant is the way the inexhaustible force it exerted split in which the sap is pumped up to the he bone. remotest leaves. The force of the ris-At one place in the Tyrol the roots ing sap has been found to be equal to of a larch grew downward through a a pressure of twenty-two pounds.

Making Yolks White.

A scientific poultry breeder in Italy has succeeded in producing eggs with

perfectly white yolks. It appears that the yellow color of an ordinary egg-yolk, which is some times intensified to a bright reddish hue, is due to a pigment called "carotin." The same pigment gives to carrots their familiar hue, and hence the name bestowed upon it.

The yellow legs of Leghorn chickens, and of some other breeds, owe their color to carotin, which, as it would seem, is a rather common coloring substance in nature. much of it in corn and in the green feed supplied to poultry.

The experimenter found that by entirely eliminating carotin from the Mrs. Casey—"Didn't Oi tell you Of food given to his chickens, he was able wouldn't give ye anny at all if you to produce Leghorn hens of the white, didn't kape still?" variety with white shanks and white beaks, and the yolks of the eggs they aid were white

London was the first city to use

Schoolin'.

Never had no education, Never studied 'rithmatic, Have to do' bout all my fig'rin' Cuttin' notches in a stick.

Didn't study none o' grammar Can't much more'n read and spell, But there's one thing that I studied And I learned it mighty well.

When the sun is kinder misty An' the ripples on the take Get to sploshin' soft and sleepy

Then it's time to dig some bait. Dubious.

"Mom, won't yer gimme candy,

"Yes'm, but----"
"Well, the longer ye kape still the sooner ye'll get it.'

Be Conservative.

Give a little more than your promise, but don't promise too much.

Lords of the Near East

A world tired of the sounds and the scenes of war is paying little attention to the drama that is being played out in Asia Minor. The Greeks are making their last effort against the Turks. The Greek must win, or the Greek will lose all he has gained in other wars. "Tino" is making the last throw and for high stakes.

The Turk is between two forces He is facing his enemy the Greek, and the Soviets are forcing their help upon him. Russia is crowding down again from beyond the Black Sea to elp the Kemalists. England is watching, with more uneasiness than London admits ,this Soviet-backed men nce to Sues and to India.

sian help, and they are wise in that reluctance. They fear that if Russia ever comes to Asia Minor that Russia wil stay. In stating that the Russians are willing, nay eager, to give help, Giamy Bey, Turk Nationalist spokes man in Italy, says:

The Turks are loath to accept Rus

"No Russians have landed so h We do not want Russian troops in Anatolia, for we realize that if they ever come it will be to stay and their nee would menace our independ

When Moscow was Moscow of the Krithin and the old Osers, Russia wanted a aga sate to warm water, When Russia became the Great Russia of St. Petersburg, Bussia moved to-ward the Golden Horn and Dardanel-

A people's rulers may change and its Government may change, but the old dreams and desires are likely to live anxious as any older Russia to reach a great ice-free port. And the Russia that comes after the Soviets will strive and strain to get or to keep an outlet to the world through the warm

The Turks will accept Red help of it will be thrust upon them. Lenine is emerging as the long-expected Rus-Constantinople. Russian instincts and policies as old as the Romanoffs will pull him in that direction. A Soviet Turkey under a Lenine-placed commissar will put Lenine astride the Sues Canal and cut England off from

The Kemalists are enraged that the Greeks, "our former staves and servants," should attack them. It passoth Turk understanding that a "mere dog of an inidel Greek" should dare saft those under the great banner of the Caliph.

The Turk sees himself becoming a The Turk sees ampell becoming a mayor that he may hurl back his "formof dives and certanta" Lanne sees himself as presions of the Near Bast, being of the gates to boths and mock of intelling measures. For if said when Rusque comes, Rusque of the Handayan, the Bullmans and the Hindu Kush when yer hold the mater.