

"Poor Timber" Business Booms-Old-timers used to say "there's not an inch of good lumber in a square mile of it," but forward-looking timber farmers are ready to turn North Carolina's old-field softwood trees into profits. The secret is a creosoting process which makes softwood timbers last up to 30 years instead of five. Small plants like the one above can turn out up to 600 fence posts a day, at 65 cents a post. Lumber, crossties and electric light poles are also produced from timber formerly considered worthless.

In a recent issue of Collier's Weekly we noticed a feature article devoted to Luke Appling of the Chicago White Sox. Somehow or other we couldn't help thinking of a novel by Somerset Maugham, a principal figure in which was an author who became the greates figure in the British literary world, not because of the excellence of his work, but simply because he had outlived any of his contem-

Luke Appling is a better-than-fair ball player. His fielding, hitting and team play are away above the average. But he isn't the sort of character popular magazines would publish feature articles about only 20-year man now regularly performing on any of the 16 teams which constitute the two major

leagues. The fragility of modern baseballists, and the ever-lengthening list of players laid temporarily on the comparisons. As against today's stars, seemingly as precious and as easy to injure as Dresden China, Baltimore Orioles, in the era of John McGraw, Hughey Jennings, Joe Kelley and the rest of them.

Those bozos were so tough, acnever got hurt; or, if they did; their medication was to spray the injury with tobacco juice-a cure-all which functioned perfectly for everything from a slight bruise to a broken leg-and continue playing.

Those old timers went 9 innings a day, 154 games a year, and twenty seasons or more without drawing a less stars of all time was Tyrus courted injury on the base paths



with his daring. Yet the Georgia Peach spent 24 years in the big time; and his batting average in his final season—he was 40 then— was a mere .323.

Still. Ty Cobb's 24 years up there wasn't a record. Eddie Collins was a big leaguer for exactly a quarter of a century and so was Bobby Wallace-and they both played the game for all it was worth, too.

AT GOES ON A Poles are also described by the property of the control of the poles are also described by the property of the control of the poles are also described by the property of the control of the poles are also described by the property of the control of the poles are also described by the property of the control of the poles are also described by the property of the control of the poles are also described by the property of the control of the poles are also described by the property of the control of the poles are also described by the property of the control of the poles are also described by the property of the control of the poles are also described by the property of the poles and the poles are also described by the property of the poles and the poles are also described by the property of the poles and the poles are also described by the property of the poles and the poles are also described by the property of the poles and the poles are also described by the property of the poles and the poles are also described by the property of the poles and the poles are also described by the property of the poles and the poles are also described by the property of the poles and the poles are also described by the property of the poles and the poles are also described by the poles and the poles are also described by the poles and the poles are also described by the poles and the poles are also described by the poles and the poles are also described by the poles and the poles are also described by the poles and the poles are also described by the poles and the poles are also described by the poles and the poles are also described by the poles and the poles are also described by the poles and the poles are also described by the poles and the poles are also described by the poles and the poles are also described by the poles and the poles are also described by the poles are also described The first time we ever saw Babe Ruth-he was a pitcher then-we couldn't help wondering how soon those puny-looking underpinnings would snap under the strain of tot ing around that giant body. His idea of training rules would have never got him an after-dinner paton-the-back from Conn Smyth,

Tommy Daly or any of the other inspirational speechifiers. Yet the Babe lasted for 22 years; and Rabbit Maranville, who was no bigger than a fair-size bat-boy, and who also thought that training had something to do with locomotives, kept

it has become a rake's progress."

shillings in the pound. This means

that, three and a helf years after

THE FAR EAST

There are increasing indication

that the "cold war" continues to

spread in the Far East. The widely-

held idea that the Chinese Com-

munists might find it advantageous

democracies, for business and other

reasons, received something of a

Mao Tze-Tung, the Red Chinese leader, in which he hailed Soviet

Russia as China's "real ally" to which he looked for help.

In Washington Secretary Ache-

help from the United States it might fall under Communist dom-

in Southesast Asia and there is evi-

well. And some thousands of Jap-

anese war prisoners recently re-

This, and much more like it, all

for broader activities by countries

mation before very long.

setback in a statement made by

to keep friendly with the Western

going for 23. (Still, lest you might think that a proper appreciation of malted, spirituous and fermented beverages was an essential of toughness Rogers Hornsby did more than his share in the majors for 23 years too; and he never took a drink in his life.) a crusade," he said, "but now I find

Your modern mound-artist keep his salary arm, almost literally, in cotton batting. He practically live on rub-downs, heat-treatments, electric therapy and the like. Yet a guy named Denton Tecumseh Young boasted, truly, that he never had a rub-down in his life. Yet all that Cy Young did in his 22 seasons of majoring was win a paltry 511 games—a mark that will probably never be even approached. Nor was Cy Young by any means an isolated case. Herb Pen-

nock and Sad Sam Jones were in there for 22 years. Walter Johnson Eppa Rixey, Ted Lyons, Red Ruffing and Waite Hoyt kept pouring it on for 21. Among the 20-year heavers were such as Grover Cleveland Alexander and Urban Faber.

Others on the lists of old-timers who carried the burden for 20 or more years are Tris Speaker, Fred Clarke, Napoleon Lajoie, Mel Ott, Honus Wagner, Jimmy Foxx, Frankie Frisch, Gabby Hartnett, Al Simmons, Paul Waner and others too numerous to mention; and which one of those would find it too difficult to chisel his way into any existing major line-up?

"It is generally an indication of advancing age," writes Mr. Daley, "when a fellow sniffs scornfully at the modern generation and talk glowingly about the Good Old Days. Yet how can you get away wound stripes-and too few service stripes.

. . . To all of which we, personally, add a very hearty "Amen." And it we were asked what we think is the reason for it all, we would lay your modern baseball managers Over-publicized as "master minds' whose every action is as deeply and cannily thought out as the 64th move of a chess-master, your Dur-ocher's, Southworth's, Boudreau's lineups, and switching players that their hired help don't get a rea chance to develop into stars possessing, not only speed, but the priceless assets of durability and ability to "take it."

Motorists should treat everybody as though they are blind, deaf or defective. Pedestrians should treat

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BARY

One hundred and forty-nine years ago a young man named Eleuthere Irenee du Pont, of the town of There was an interesting time in Nemours in France, arrived in the Parliament when the Conservatives tried out their strength by moving | United States and began casting around for a chance to set up in business. Deciding that American calling for a reduction of the standard rate of income tax by sixpence. gunpowder was both expensive and The Government, after a tough bat-tle which lasted till the early morninferior, in 1804 he founded a small black-powder plant near Wilmington, Delaware. Today the du Pont enterprise has ing hours, staved off the attack, and the standard rate remains at nine

that, three and a helf years after the war, the British people's income tax rate is only a shilling less than when they were at death grips with the enemy.

total assets of more than one and a helf years after the work. The principal unit produces some 1200 lines of chemical products including ravon, plastics, nylon, cellophane, specially prepared and approved lessons, combined with practical training, enable you to anti-freeze and Heaven only knows

In addition to this, the du Pont family-which operates two holding companies-has a \$560 million instment, which amounts to a con rolling interest, in General Motors. It owns 17 per cent of the United States Rubber Company, and has interests in other companies manufacturing tetraethyl lead, ethyl fluid, ethyl chloride and refrigerants. Recently United States Attorney General Tom Clark filed an anti-

breaking-up of the du Pont empire. He charged that du Pont, General son told a House Committee that if Southern Korea did not get speedy Motors and U.S. Rubber used secret agreements, price preferen-The du Pont company denied that its relationships with other organi-Communists continue to be busy zations have been either illegal or detrimental to the people of the dence of their activity in India as United States. The president, Craw-

trust suit in Chicago demanding the

ford H. Greenewalt, whose wife is leased by the Russians arrived | a du Pont, said that Attorney General Clark is attacking "bigness in home singing Communist songs and apparently under the effect of intensive Soviet training. business as such." Altogether it shapes up as one of the biggest and hardest-fought adds up to evidence of the need suits ever known; and if you live to see it finally settled-well, you trying to block the spread of totali- might have quite a span of He

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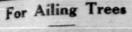
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The mass of green leaves that chief reasons for growing them, leaves, like children, sometimes "measles." Leaves may blotch, yellow or brown and perhaps drop prematurely. Often this is due to jungus diseases. Elm, horsehestnut, maple, oak and sycamor are subject to distinct leaf diseases eases were noticeably prevalent be-

Marshall of the Bartlett Tree Research Laboratories is spraying any ase with a copper or mercury ate July is advisable because leaves are growing and new ones entinue to appear.

Leads The World Making Matches

Two out of every three people With the help of British and Amer ican capital. Sweden's fabulous match industry controls the produc tion of wooden and paper matches in almost every nation in the world. The Swedish Match Company, with headquarters in Jonkoping, owns vast tracts of timberland, pulp and paper mills, presses for printing match box labels, machine shops chemical plants and water-power systems. The company manufac-tures more than 250 brands of matches. Matchmaking is a colossa business, but it is only one of the industries made possible by Swed-

Great stands of timber cover almost 60 per cent. of Sweden's land area. These forests — chiefly pine -are Sweden's greatest natural resource. Lumber is, of course, the primary product of the forests, but through wood chemistry, Swedish scientists have devised methods of making brandy, drugs, explosives synthetic rubber, fodder, raw vinegar, and a constantly growing list of new and surprising forest-born commodities. Much of the world's supply of wood pulp for paper somes from Sweden. A scientific people, Sweden leads the world in the science and manufacture of products derived from wood. Young Canadians, complaining

GERMAN MASONS MEET, FIRST SINCE HITLER

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CANADA'S FINES

CIGARETTE

ISSUE 29 - 1949

Six hundred German Masons whose organization was proscribed by Hitler as an "enemy of the Reich,' have met in Frankfort for their first public gathering in more than 16 years.

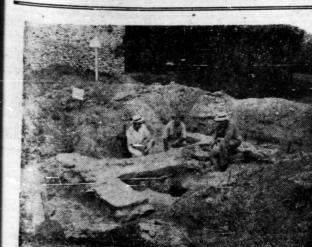
About 700 guests watched in

that there are no more opportunitie here, might think this over.

About 700 guests watched in a circle in Frankfort's historic st. Paul's Church and sang the hymn, "Brother Give Me Thy Hand," written by a former Masonic brother, Wolfgang Amadeus Mozart due to the progressive disintegra-tion of the element ionium—the Representing the 6,700 Masons re maining in Germany, out of a pre-Hitler strength of more than 70,000, the formally dressed delegates assembled to reestablish the "United Grand Lodge" of their

egations from Belgium, e, Austria, and Denmark and semiofficial representative of Britain were present. German delegates attended rom either the Soviet zone or the Soviet sector of Berlin, where the first lodge, "Die Drei

For the first time since Ger-(the Three Nettles) was nded at Hamburg in 1737, all under the reestablished United Grand Lodge" will aclously, separate lewish and istian lodges functioned in Ger-



hing For Relics On Historic Canadian Site-While pre parations are being made for a spectacular pageant to be held at the Martyrs' Shrine, near Midland, Ontario, July 27 to 31, to morate the 300th anniversary of the deaths of the Canasite of historical Fort Ste. Marie.

surface. This is only a small fraction of the maximum thickness found by the same method in the open Atlantic, in the Mediterranean and in the Caribbean Sea, Now, I should like to call your

minute organisms living in the sur-face waters, and their shells make up the bulk of the lime present in the sediment. Some of these Foraminifera are typical, warm-water able to tolerate cooler water con-

record of the deep and all the prob-lems it represents. The coring tech-nique can probably be still further improved, and the technique of deep-sea trawling has already made Polar ice-caps extended down to much lower latitudes than they do astimated that our longest cores, taken from the red clay in the Atlantic Ocean, had their very lowest layers deposited about 2,000,000 years ago. But in similar cores from red clay in the Pacific the lowest parts may be much older than that.

One of the most important and means a warm inter-placial age. terent sciences is very rich indeed
to oceanography, geochemistry
and submarine-geology — a science
still in its infancy. The past history
of our mother, the Earth, and of her
oceans, the great happenings which
have shaken the earth in its foundation and have reshaped the continmeans a warm, inter-glacial age. Through a biological analysis of the Foraminifera shells found in different levels of a long core, we shall out the rate at which the sediment be able to link up the chronology of the records of the deep with the

tion and have reshaped the contin-ents and ocean basins will be re-vealed through the deep ocean floor. If is my sincere hope that in this great work of the future, not only the Scandinavian countries, but also Holland, Belgium, France, Great Britain and the United States of America, with their splendid past achievements in the study of the sea, shall take parts worthy of their creat traditions

a layer from a special eruption runs Definitions Earlier investigations in Sweden and elsewhere have proved that ionium is precipitated onto the botgrains which will also afford clues o submarine chronology. One of the most fascinating problems we have to deal with concerns

treamlined Power for C.P.R.-Just over the St. Lawrence River on its way from Montreal,

is diesel engine 4000, first of 23 diesel units ordered by the Canadian Pacific for their main line operation from Montreal to Wells River, Vt. The locomotive shown above is made up

Hidden Area

record of the rocks compiled by

to the problem of chronology: For example, the study of the volcanic shards produced by ash-rains from

great volcanic eruptions. They have fallen over the sea surface and grad-

ually settled on the ocean bottom. By studying them, and by connect-

ing volcanic-ash layers from the

deep ocean bed. Two ways of at-tacking this problem seem to give

World's Only Large

In a previous issue we pub-

lished part of an article by Professor Hans Petherson re-

garding the recent Swedish ex-

pedition sent out to gain in-formation about the ocean floor. This week we conclude

this highly interesting article.

to know much more about the stratification and the composition—

chemical, physical and mechanical

-of the deep-sea deposits. It is

One of the most important and,

at the same time, most difficult of

our problems concerns the dating

of these cores: That is, to finding

has been accumulating—in fact, to working out the chronology of the

tacking this problem seem to give

Ionium—The Parent of Radium

In one of them we measure the

at different distances from the top of the core. This has been found to

show a regular decrease with age,

Earlier investigations in Sweden

tom of the sea, together with iron,

This precipitation is responsible for

the high content of ionium-bred

radium in the red clay without any

corresponding content of uranium.

taking measurements of the radium

content, to measure the rate of

growth of these remarkable concre-

tions which we find on the deep-sea

bottom, the so-called manganese nodules. Their rate of radial

growth is about one inch in 25,000

years.

Another way of approaching the

chronological problem is by a bio-logical analysis—that is to say, by

the study of different species of

minute, calcareous shells from the

so-called Foraminifera. These are

t has also been found possible, by

content of radium present in layers

fair prospects of success.

parent of radium.

In the first place, we shall get

the ocean floor. During our cruis with the Albatross, we were impressed with the ruggedness of the deep ocean bottom as it appeared before us in the curve drawn by our ultrasonic depth-recorder. This fact is of great scientific interest, but, DUTY - What we expect from unfortunately, it was a serious obothers. stacle both to our coring operations and to our work with the deep sea trawl, and sometimes led to the loss

ot valuable gear. Our echograms cover about 20,000 nautical miles of our course, and once worked out, will tell us a great deal. Another serious obstacle to ou work with the core-sampler was the lava beds which we found frequently in the Pacific and Indian Oceans They suggest very widespread vol depth, which not only piled up enormous cones, crowned by the

volcanic and the coal islands of these oceans, but also spread hori zontal beds of lava over vast expanses of the ocean floor, In no case did we find reflecting layers in these two oceans deeper than 1,000 feet below the sediment

of two units, each supplying 1.500 horsepower and is capable of hauling loads of more than 2,200 tons in the heavy grades on the C.P.R. lines through the Green Mountains. The units above are geared for freight service, but passenger locomotives will be ready in the fall to complete dieselization of the 171-mile stretch of track.

attention to the work to be done in the future on the deep ocean bed. Its morphology, its deposits, and the fantastic fauna which exist in its depths, supporting an enormous water pressure and ice-cold temperature, are fascinating studies. organisms, leaving easily recognizable shells on the sea bottom, whereas other species with different looking shells are more hardy and

down to its source.

BEST MAN - The one who CHIVALRY - The attitude of man toward a woman who will

CIVIL SERVICE - Something you get in restaurants between

DIVORCEE - A woman who gets richer by decrees.

EASTER - The time when the abbit comes out and takes all the credit for what the chickens have been working at all winter. POLITICIAN - A man who

stands for what he think others will . . . ETC.-Sign used to make others nink you know more than you really do. */ * *

good time than recover from it. PESSIMIST - A person who looks at sunshine as something that casts shadows.

MIDDLE AGE - That tim

life when you'd rather not have a

THE FARM FRONT John Russell

had this sort of trouble among farm animals. You have a cow - or it might be a horse or even a pig that has a good deal of white on it. Possibly white "stockings" on the legs, a "blaze" on the face, or "markings" on other parts of the body.

A STREET OF THE PARTY OF THE PROPERTY OF THE PARTY OF THE

In hot weather these white areas suddenly puffed up, reddened, and appeared to be sore. Cracks began to show, and you probably thought the poor beast was badly sunburned

Finally, whole patches of white skin would dry up and slough off - while, at the same time, dark areas of the skin appeared quite un

Actually such symptoms are—according to latest findings—a sign of what is called "light sensitiza-tion". And the condition is caused by something the animal is eating, usually some sort of legume.

Just exactly how the condition is brought about is not understood any too well, up to the present; but in some manner the light areas of the skin are made far more susceptible to the sunlight than when the same animal is in perfect condition.

Treatment should begin by get-ting the afflicted animal off the Then it should be kept out of the

sun and ointments applied every day until all the sores have healed. Here's a little incident I ran across which illustrates how care ful everybody must be who owns valuable animals. Not so long ago there was an outbreak of anthrax

on an Eastern dairy farm. There was a great deal of speculation as to how the disease had got started, since there had never been any anthrax before in that entire

Finally they discovered that the origin of the trouble had been a short piece of bloody rope. This had been accidentally left behind when a rendering-work's truck had stopped at the dairy farm for the

The driver of the truck, when questioned, recalled that the rope had been used to load some cattle which had died suddenly more than 80 miles away. No diagnosis had been made of the disease which had proved fatal to those cattle. The rope was found in the barnyard of the dairy farm, and had been practically chewed to shreds by cattle.

eases are easily carried around the country. They don't need to depend on such things as pieces of rope for

transportation either. Animals themselves are good and automobile tires. So look out annecessary chances with them. And if you have visitors to your place, ask them to conduct them mals are not exposed to the risk of

Helpful Hints For Homematers

Before discarding that catsup bot-Use the "vinegar rinse" in your French dressing for salad.

When making a rolled hem, put a row of machine stitching along the edge to be rolled. Trim edge close to stitching. Speeds up the hand work, and prevents stretching.

If raveled yarn is full of kinks, wind it around a glass jar as you unravel it; you then dip jar in warm water and allow yarn to dry. It will be

soft and usable. Save the paint left over in a can, by pouring paraffin over the top. Paraffin may also be poured over the cut end of cheeses to keep them

from drying out. Moth-proof small woolens by wash ing and drying thoroughly; put in separate paper bags, fold top over and stitch down on the sewing ma-

chine.

purpose of picking up a dead horse.

When sewing plastic materials, "baste" with paper clips instead of pins or a needle and thread. This kind of cloth should not be punctured except by the permanent stitching.

Bake thinly rolled baking powder biscuits in pairs, one on top of the other. Baked two-deep, they are extra crusty and break open easily

A chenille bathroom set makes pretty, inexpensive set for your little girl's room. Put the seat cover on her dressing table stool,

small quantity, and the food can all be steam-heated at once. Or, if the



Judgment of Paris—One of a jury of women in a Paris contest teels the biceps of 21-year-old Mario Morello. After looking over his 21 rivals, the gals delivered their verdict Mario is the "Most Beautiful Athlete of Paris."





Canadian member of the day.

Leafs, whose pitching and nuch-hitting have made him a land maniacs. Then, between the two, we should get fewer acci-I milar figure with the fans. | dents.



tarian communism. Just what is the ahead of you, at that.

