SERMON FOR SUNDAY

A Scholarly Discourse By Rev. Edward L Hunt

Subject: "That They Might Have Life.

Washington, D. C .- The Rev. Edward Lawrence Hunt, on Sunday preached the following brilliant agricon from the text: "I came that they might have life, and that they might have it more abundantly."-John 10:10:

us' object was to give men life. His church preaches this through her chief sucrament: "My flesh I give for the life of the world."

"Ob, the wild joys of living! • • • The bunt of the bear"-are these the President's holiday words or Browning's? Even that life is the gift of God through Jesus Christ, without whom was not anything maile that was made."

Physical life is good. There is something better. The "high man" who "would not discount life, as fools who would "not live thus, but know" is "atill lottler than the world Suspects. There is something higher still. "To know" is not eternal life, but to know God-and the gift of God is eternal life, through Jesus Christ. "This is life eternal, that they might know Thee, the only true God, and Jesus Christ whom Thou hast sent.

To give man that life, Jeaus must "I came that they might have Why could not the living come Hfe. Creator give that life by His mere

First, because death had passed upon all men, for all sinned. The God of Law, who breathed into man's nostrils the breath of life, when man became a living soul, ordained the law. "The soul that sinneth, it shall die": or, to put the same truth in other words: The God of Lore warned man that "the wages of sin is death." Man scorned love's warning and sinned. Then felt withlove's in him that sin is a fatal disease came Jesus to put away sin by His death, that as sin reigned unto death, so might grace reign through righteousness, unto eternal life through Jesus Christ.

Grace" means He died for our sins that we, set free from sin, made alive unto God, might live. He came, to free us from that death T. Traints. which means separation from the living God; to reconcile us to God in one only way, by death, so that here on earth we might live with God. And, further, He came to free us from the fear of that death which is the blowing out of the candle. By rising from the dead, and so bringlife and immortality to light by His Gospel, He inspires the hope of immortality. Hence we do not

Stretch lame hands of faith and grope, And faintly trust the larger hope,

but we lay strong hold on the hope set before us, as an anchor of the soul, sure and steadfast, entering into that within the veil.

This eternal life must be laid hold of by man, "I came that they might, not must. Man gets it by faith: "H "He that liveth and believeth on Me shall never die." It is "whosoever be-lieveth" that "need not perish, but have sternal life."

Remember eternal life is not mere duration. Jesus is the quality. How, not how long, we live; and because of quality, endurance; "No one is able to snatch them out of My Father's hand." To know God, to share His life, to walk in love with Him until God is tired of you, means

to live with Him forever. Second, He came because man must have a teacher and an example of the best life. "If when we were agemies we were reconciled to God by the death of His Son, much more reconciled, we shall be saved by His life.

Jesus' life is the hope of the race. One man Has lived in the fullest healthy exercise of all his powersno man need desnalr

infusion of Christ's life can weak man follow Him and grow like Him. "I am the vine, ye are the branches." "Greept ye eat the flesh of the Son of Man and drink His blood ye have no life in you." "I am the living bread, the bread of God which cometh down from Heaven and giveth life unto the world."

shallow infidel with flippant wit called this the "cannibalism of the church." This is not a church ques-tion. It is as practical as the call tion. of the doctor on which your life depends. It is more vital. Jesus Jesus depend. ares little about our formal worship He cares much about our daily con He cares most about our real duct. our inmost life. matty The most superficial thought must convince any man that we can have no life save from the God in whom we live and move and have our being; and, furthermore, that we must receive His life through the channels of His own appointing. His channel for us is the Son of Man. "If ye abide in Me and My words abide in you, ye shall ask what ye will of life and it shall be yours. If any man live not in Me, he will be a withered branch and he burned. If you live in Me, God will break forth into glory of abundant fruit in your life. loy will be full your peace undis-turbed, a puzzle to men in the world of trouble, your strength as the strength of God."

Richard Mansfield's most thrilling sentence is, when as the prince, de-prived of a natural childhood and youth, with the vehement passion of a mighty stream which suddenly bursts the dam which had long re-strained its natural flow, he says to his fellow students: "We are young, and we're going to live." This hun-ger and thrust for life, abundant life, Jesus approves. Even to those who, in their eager infatuation for life, "the way that seemeth hoose unto a man, but whose end is death. speaks: "I came that you have life. He that cometh might to Me shall never hunger, and he that believeth in Me shall never Come to Jesus, and you thirst youth will have all your eyes and heart can crave. Oh, man about to turn away un-

convinced, take a few Sabbath hours to see the life He lived, and that you may live with Him-to imagine the face and bear the accents of the Prince of Life when He said to His contemporaries in Palestine as He says to His contemporaries in Amer-lea to-day: "You will not come unto Me that you might have life."

Faithful Stewardship.

One of the plainest duties of stewardship is that we bring conscience and deliberate consideration to bear upon our administration of this world's goods. We are not faithful stewards if we spend according to ur own whim and fancy, and let charity" depend, as it so often does, on little better than accident or habit. We are stewards in regard to we spend on ourselves and our famiies, as well as in what we spend for purposes beyond ourselves; our perional and domestic expenditure, our savings and our gifts, and the proportion between them should all equally pass under the inspection of deliberate conscience. If that were once thoroughly understood and practised by us, we should be very different people, and there would be very different results from many an appeal that is made to us. Stewardship that is made to us. means deliberation, and intelligent consideration, and conscientious disnosal and administration as of a fund that is not mine, but is put into my hand .- The Rev. Alexander Mc-Laren.

The Livery of Christ.

If you wear the livery of Christ If you wear the invery of Chilst you will find Him so meek and lowly of heart that you will find rest unto your souls. He is the most mag-naminous of captains. There never tiumphs as an organization; 13 1110He is always to be found in princes. he thickest part of the battle. When the wind blows cold He always takes the bleak side of the hill. The heavjust end of the Cross lies over His shoulders. If He bids us carry a burden. He carries it also. His service is life, peace, joy. Oh, that you would enter on it at once. God help you to enlist under the ban of Jesus Christ .-- Last words of nor the Rev. C. H. Spurgeon.

EPWORTH LEAGUE LESSONS velop a tree manhood. Only by this

SUNDAY, SEPTEMBER 9.

The Power and Blessedness of United Prayer- Matt. 18. 19.

Holy fellowship and divine acknowedgment. Mal. 3, 16-18, Mutual supplication and confession. James 5, 16.

A specific object for united prayer, Acts 12, 12, A pentecostal prayer meeting. Acts

12, 14, Exhortations to united prayer. Eph

6. 18, 19. He hears the united prayer of

xiles. Isa, 19, 20. The Topic. "Men ought always to xlles. pray and not to faint"-to grow weary and cease. Men are so needy, and God is so rich and so willing. The materialists, who are forever crying as they investigate the uni-"Here's Law: where's God?" and talking about the immutability of Law, and so forth, will never succeed In convincing more than a very few that there is no efficacy in prayer. And for the following reasons:

The belief in it is ingrained-a par of the very fabric of human nature. The Supreme Book teaches prayer by precept, and encourages it by exmples of answered petitions.

The experience of the church, in all the ages of its history, teaches that prover has a vital energy and ability to reach God and to bring desired blessings

Our topic is concerned more spe cifically with united prayer, and to this we now edine in our Dally Read-Said Jesus, "If two of you shall ings. agree on earth as touching anything they shall ask in my name, it shall doue for them of my Father. Rev. John Livingstone, a Scotch preacher, saw five hundred persons converted in one day. Mighty ser Doubtless, but there have been mon? thousands as eloquent and convincing, and not one was converted as a What then? Why, many Christians had devoted the whole of the preceding night to prayer for this very object.

We learn another thing from our readings; namely, that a condition of blessedness and power in united praver is the confession of our faults. lames says, "Confess one to another and pray for each other." Let it be real confession. Finally, let us not forget to pray, as chapters and churches, for those whom God has called to the service of the sanctuary; the ministers of the gospel. T will be tempted. O, so sorely! They check utterance, to prophesy smooth things, to avoid occasions of offense and opposition.

Never restrain an impluse to pray Who can tell with what treasure h is laden when the Holy Spirit in this way knocks at our heart's dopr



SEPTEMBER NINTH The Triumphs of Christianity. John

12: 32; 1 Cor. 15: 20-28.

The goal of Christianity is "all therefore the goal of each men'' Christian must be, "all men whom I can reach. The triumphs of Alexander, Ceasar, Napoleon, meant the death of thou-

sands; Christ's triumph means life, life abundant, life eternal. The triumph of Christianity is the supremacy of law-of the highest law The majesty of Christianity is the

majesty of humility, and its climax is to be in an act of divine humility. Suggestions. Christianity is an organization, and



ration.

Hogs Becoming Stiff. tables are used they should be well cooked before mixing them in the

The cause of this aggravating irouble is damp beds and overfeeding. both of which can be very easily remedied. When the hogs are stiff they are most sure to be constipated, as these two generally go together. Letting the hogs out for a run, and having the pens clean and dry are the best remedies. If you think a little medicine advisable give to hogs as starters, and then merely sit down weighing 100 pounds a teaspoonful each of a mixture of saltpetre and sulphur, half and half .- New York making ducks profitable has got to Witness:

The Best Horse.

There is a growing demand among the farmers to-day for a horse that is a good-not a fair-roadster and at the same time hold his end un then it comes to working on the farm. The man that has such an animal has certainly got a "jewel" and our advice is to hold on to it, and should it be a mare, by all means breed from in, for the offspring of such an animal is sur?-providing the sire is what he should be--to be of more than average value .- New York Witness.

Increase the Currants.

Add to that little currant patch which has been appreciated so many times by the good wife. As coon leaves begin to fade cuttings as th: from six to eight inches in length should be made from the new wood and planted at once in a very rich moist loam, and while doing it take particular pains to give the soil a firm pressure around the base of the cutting. In the fall, before the ground freezes, give the new bed a

covering o" some good mulch, and this will serve as a means of preventing the action of the frost from throwing the cuttings out. Plants that are between one and two years old are just about in proper shape to he planted in the field .- New York Witness

What's Taken From the Soil.

A thirty-bushel crop of wheat will remove from the soil forty-eight pounds of nitrogen, nine pounds of potash and twenty pounds of phosphoric acid. If the grain alone is sold it removes from the farm thirtythree pounds of nitrogen, nine pounds of potash and fourteen pounds of phosphoric acid. Sixty bushels of corn, if taken from the farm, will remove fifty-six pounds of nitrogen, thirteen pounds of potash and twenty pounds of phosphoric

acid. Are you replacing this either in the shape of manure, commercial fer lizers or a rotation? By this time you all, no doubt, know what we think of "robber" cows, and we apply the same thing to the farmer who, he robs his land, is certainly robbing himself.

Catnip as a Honey Plant. Among the many honey plants, there is surely none more valuable, considering the extent to which it

grows, than the ordinary weed, cat-

Alcohol As a Fuel

From Cassier's Magazine. 2525252525252525252525252525

The ideal fuel is liquid fuel of a nature to be readily vaporized. the liquid be of a limpid, non-viscous character, the difficulties found in pipe line transportation with the thick fuel oils will not stand in the way of such transportation and distribution. We have in ethyl alcohol an ideal fuel-colorless, limpid, of moderate boiling point, about fifty degrees below that of water, non-While ducks do not require the freezing, burning without smoke, amount of attention that chickens do. mixing with water in all proportions. and are quite free from disease in and therefore its flame extinguished addition to this, no one should get it by water, cleanly, drying off cominto their head that the only thing to pletely when spilled, not attacking be done is to secure a house, purrubber gaskets or packings, and nonchase the ducks that are to be used corrosive for metal tanks and hold-The fact that the flame is bluand figure out the profits. Like anyish, or so-called non-luminous, means thing else on the farm, the scheme of that the flame is almost devoid of free carbon particles, with their inbe backed up with a certain amount tense heat radiating power, a fact of of experience, a goodly amount of hard work and a strict attention to considerable importance. When gasolene or heavy oils are burning, the flame, loaded with free carbon or soot, radiates heat to such a degree that it is not possible to approach near the conflagration, and combusti-A very simple trap nest is thus deble surroundings are readily fired by scribed by Orange Judd Farmer: One pure radiation of heat. side and part of the top on one compartment is removed to show the in-

The production of alcohol on a large scale is very simple, and the raw materials already exist in conment should be thirteen inches wide, siderable variety. All saccharine or fifteen inches high and thirty inches starchy growths are available. Sac deep, while the nest box is twelve charing wastes are now largely used in Cuba for alcohol production. At Every poultry raiser knows the value present it is said that the low grades of molasses can be delivered at American const cities at about three cents a gallon. About three gallons of this crude product will be required to produce a gaiton of refined spirit, or ninety per cent. alcohol, and the cost of production may be estimated at from three to four cents, making the cost of the alcohol a gailon about twelve cents. "his alcohol will, in a properly organized engine, equal, volume for volume, gasolene now sold at a much higher price in producing power. Even in the immediate future, then it s evident that alcohol has a large field of usefulness. The farmer need not depend on wood, coal or oil for his power. His agricultural wastes will furnish it. His fields need only receive the sunshine and be given sufficient water, and thence any crop yielding starch or sugar, however unmarketable otherwise, may be made the source of power, light and heat.

The use of alcohol as a fuel and as a source of power will grow gradually. It would be idle to look for any sudden revolution in methods. When we extend our vision into the far future we can only speak of possibilities or probabilities. There is always a possibility of new discovcries modifying conditions to such an extent that our best present judgment may be in error; but, assuming that increasing scarcity and cost of mineral fuels will gradually stimulate the selection and use of substitutes, it seems reasonable to predict that the one substitute which possesses the most desirable qualities is ethyl alcohol. The amount that can be produced is practically unlimited.

A very important fact distinguishing alcohol production by agriculture from the production and shipment out of the land of food products, meat, etc., or even wood, is that in the former the land is not impoverished, as the mineral and

FEATHERS VS. FUR.

In the Race Between Jack Rabbit and Hawk the "Jack" Won.

All the morning the four staunch horses had been pulling the heavy stage coach over a sandy desert in southern Tc.as. Both the driver and myself were drowsy, and nodded from the effects of the scorching sun suddenly the lead horses jumped out of the road, which brought us to our

senses. A large western redtall hawk that was circling over our heads, had cast its passing shadow on the sang directly before the horses, causing them to shy.

We commented on the rather singular coincident and watched the bibird as, in large circles, he gracefully floated through the air, with scarcely a movement of the wings.

Suddenly a "jack-rabbit," startled by the rattle of the stage, jumped from its cover in the shade of a yucca plant, and shook its legs over the sandy expanse in leaps fully fifteen feet apart. It had not made ten jumps when the hawk spied it, and half falling, half tumbling through the air be descended to within fifty feet of the earth and started in pur-The "jack" had gained a good suft. lead before it discovered that it was being chased, but on seeing the hawk, it bent every muscle in its sinewy legs in an effort to outstrip its assallant

Gradualy the hawk drew near until he was almost over the "jack." then, bowing his wings, he dropped tarough the air like a falling meteor. With feet extended and talons outstretched, he was about to snatch up his prey, when the "jack" stopped short and squatted flat on the sand. The hawk overshot his mark a foot or more, but instead of turning back, he arose in the same graceful curve in which he descended, thus describing a large U.

No sooner had he started upward than the "jack" was again coursing over the desert like a shot from a grow. It had gained fully fifty yards before the hawk overtook it and again attacked it. Once more the "jack" eluded the charge in the same manner. By this time the chase had become

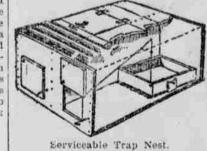
so exciting that the driver halted his horses and we both stood up on the seat, clinging to each other and watching with bated breath the outcome of the struggle.

"The 'jack' can't keep that pace up much longer, it's pretty well tuckered out now. The hawk'll catch it next time sure," exclaimed the driver as the combatants gradually drew near. But before the hawk had a chance again to swoop down, the "jack" reached a bunch of chaparral, where it took shelter.

The hawk circled over the bushes and then dove headlong into them, but the "jack" moved its position as the bird was about to strike it and again escaped death.

The "jack" evidently thought it safer to fight in the open than in the bushes, for as the hawk arose it started off again, this time heading for a bunch of cattle that was feeding about two hundred yards away. The hawk made his fourth unsuccessful attack while the distance was being covered by the hare, but before he was ready for another swoop the "jack" had outstripped his pursuer, and dashing up to one of the steers, darted between his front and hind legs and stopped. "There it remained.

The hawk seemed to be completely octwitted. He circled about a few times; then, as if thoroughly disgusted, sailed off and was soon lost to view. 'The "jack" was still under the steer when we drove on. It was quite evident to us that the "jack" intended to use the steer for a shield from the moment that it left the chaparral, but whether it did so because it thought that the hawk would be afraid of so large an animal as a steer, or because the creature afforded better protection from onslaughts from above, is a question that the reader will have to solve for himself .- From Nature and Science in St. Nichol-



has sprung it the door falls and the opposite end to the screw catches in an iron staple which prevents it from being moved by the captive hen.

The tops of the nests are provided with a few slats at the forward end for light and ventilation, and each compartment has a trapdoor hinged at the top so the hen can be removed from the nest. The nest box is provided with two screws at each side just forward from the middle, These rest on blocks with a V-shaped top. The nest is balanced so the weight of a hen when she steps on the front edge will tip it down, thereby releasing the wire end that holds the door and allows it to fall. Two pieces of wire are used. One is made fast to a screw eye driven in the front edge of the box and extends up nearly to the under side of the top, where a piece

of cord is tied to it. The cord passes through a screw eve and toward the front of the box, where, four inches from the eye, it is tied to the longer piece of wire that extend to the door. nip. This plant while common, is The wire and string are adjusted so

of a trap nest, so it is not necessary to enter into its utility. Any number of them may be constructed side by side, and all equipped in the same manner. The doorway at the front is ten inches wide and twelve inches high, the door is twelve inches square and is caught at one corner with a screw. When it is set the doorway is open, but when the hen

every detail of the business,

Effective Trap Nest.

terior construction. Each compart-

inches square and three inches deep.

been realized. He has also given us the secret of success. It is willing surrender to God. It is to learn God's purposes and with loving sympathy work them out with Him This involves first and always the destruction of selfishness, we must follow Christ. And "If any man will come after Me, let him deny if and take up his cross. For he that will gain his life shall lose but he that will lose his life for My sake shall find it."

Except a corn of wheat shall fall into the ground and die, it abideth by itself alone. But if it die it shall What a pitiable abundantly. time the mean, selfish man must have ablde alone here on earth with the grasping fellow even he himself despises. And if at last, in disgust at himself, he should follow the ex-ample of a Judas (whose association with Jesus gave him at least enough conception of a true manhood to be on "abiding by himself alone," for ever with a murderer, alone. ludas-Josus! Grasping-giving!

Which will you follow

If you would live you must first wish for it. One object of Jesus' life was to awaken your desire for the fullest life. Contrast, then, your life with His, with the life of the best character you know, with the man you hoped in your youth's beset dreams you might some day he. Note the appalling railroad wreck

of the past week. Read its allegory. See two pictures-the freight car loaded with blessing, two cars with dynamite with power for good; the passenger train with its freight. souls. What thrill of the music in-dustry in the song of the whizzing wheels and the whishshah greeting as the two iron steeds of strength and speed, fed with black bread from the heart of the earth. rush past, each on its own track! Few sights are beautiful.

But look again. Some freight cars their track, fall across the other's track-and woe!-the sickening, sightless horror of the wreck; the groans of the dying, the ghastly dead unknown.

It's the lesson of our life, with its trains of body and spirit-on their God-laid tracks fraught with blessng. Earth has no picture more eautiful than man, all his powers in fullest play in harmony, soul helping flesh as flesh helps soul. But look again. The lusts of the flesh throw both from their God-laid

Hell has no picture more hideous. Oh, man, wrecked by selfishness, Jesus came to redeem you and set you again on the right tracks; to throw open the tracks of new life to you. Watch His life on earth of transcendent glory and follow Him. The trains are running on the Penn-sylvania system to-day and travel is anfe

Third .-- Jesus came, because only by Himself becoming the vine of humanity could God's life flow into man's in a way to sustain and de-

What Prayer Gives.

Prayer gives screnity, calmness, trust, after the anxieties of expectancy, the exultations of success, s of sorrow and bereavethe agonic What is prayer, that it will ment make us thus tranquil and joyous, thus calm and trustful? What is prayer, that it purifies and exalts us, telps us to live worthily and hope-ully? It is an irrepressible sense of want seeking supplies from the the infinite Fulness. It is aspiration climb ing along the craggy pathways to the Fountain of all joys and fruitions-George Simmons.

The Spirit-Filled Life.

The Spirit-filled life is empty of self. When Christ comes in self goes out. The two are incompatible. When Jesus begins to reign He dethrones selfishness and pride. If there is to be a new life, there must be an utter surrender of the old will, with all its ways. The presence of God in a person's heart is proved by a character of unselfishness and service. It is impossible for Christ to dwell in a selfish heart, for to do so would be to share an idol's throne .-Ram's Horn.

A Sorrow-Stricken Couple.

Rarely, perhaps, has history recorded a meeting more affecting than that which is about to take place be tween the ex-empress of the French and the Emperor-King Francis Joseph. The one has lost her throne, her husband, and, above all, her only son. The other has been wied even more aeverely in the furnace of domestic affliction. The fate of his brother, Maximilian of Mexico, the murder of the Empress Elizabeth, and the mysterious end of his only son and heir, the Crown Prince Rudolph-these are the blows by which Francis Joseph has been successively smitten. And yet "Beneath the bludgeoning of chance, his head is bloody, but unbowed."-Pall Mail Gazette.

HEFTY WORDS.

"They say that Henry James care fully weighs each word before he sets it down."

"That's so? And what does he use? Hay scales?"

consists of the triumphs of individuals-of you and me. The triumphs of Christianity must be such as Christ would call triumphs. -victories of humility over pride, of love over selfishness, of purity over

How Christ must long for us make our longings the same as His! It is no accident that the Christian countries are the lands of civiliza cion and the ruling nations of the world.

Illustrations.

In the "triumph" of a Roman con-queror throngs of the captives he had made were led in chains. ín Christ's triumph the captives He has released march in happy freedom. One of the best illustrations of the of Christianity is Ezekiei's growth river, first covering only the feet, now grown a river to swim in, soon to cover the earth "as the waters cover the sea.

Christ's illustration is of a mus lard seed, the tinlest of objects, now n tree The water moves back and forth in

an ellipse, but the wave moves on: so Christianity progresses in spite of the slowness of Christians.

THE NATIONAL GAME.

There are more Cleveland admirers in Boston than in any other city. barring Cleveland. In fifty-three games Turner, of the failed in but three Cleveland team.

games to hit safely. "Jigs" Donohue is now considered of the least consistent hitters in the American League.

The age of heraldry is not ead yet. The Athletics have a dead yet Knight and a Lord and a Cross Tim Murnane rises to remark that

'Hayden is fast coming into his best form and proving a valuable man. Frank Killan, the southpaw pitch-er of the Detroit Club, has jumped

to a Chicago semi-professional team Lindsay still leads the American Laague in sacrifice hits. The Tigers first sacker has no opposition for the honor.

tion.

Fielder Jones says his White Sox team may be broken up, but he won't give up. That's the proper spirit for a leader

Al. Orth, the "curveless wonder" of the Highlanders, is said to be de sirous of quitting the game in deforence to the wishes of his wife.

It is not considered that Criger will be able to don the catcher's mask again this year, although he joins in light preliminary practice. Jimmy Collins did not go West with the Bostons. He will nurse his

knee at home until the team returns from the trip. He has a floating car

The Washington Club has pur-chased for \$750 pitcher-outfieldar Robert Edmondson, of Houston, who leads the South Texas League in batting

not plentiful enough in most places to give any considerable yield of honey known to be from the plant. If the action of the bees forms any index to its value, however, it is surely really valuable. The plant comes u bloom with us about July 1st or a little sooner and continues throughout the summer. During this again. time the bees visit it continually

from morning till night, no matter from what other source they may be gathering nectar, nor how freely it

may be coming in. The honey is thought by some to be greenish in color and rather rank in flavor. I have noticed, however, that as the season advances, these characteristics of the honey vanish, while the catnip remains in full bloom. I believe, therefore, that these undesirable characteristics are due to the nectar from some flower other than cathlo These are some of the things I have noticed about the value of catnip for honey .-- C. A. Ludwig, Brookville,

Ducks on the Farm.

Ducks are a source of quite a good Excessive hard labor on the farm must certainly be due to rank misdeal of profit to those who make a specialty of raising them, and there management and an effort on the no reason at all but what they part of the farmer to accomplish everything by brawn alone and not could be made to be profitable when kept in small numbers on individual use brain at all.

farms. A correspondent of the Farm There is no reason on earth why Star, in urging farmers to take up a day's work on the farm should not the raising of ducks, says: be about the same as it is anywhere "Too much hard food, such

grain, does not agree with these birds, and they cannot thrive on it. Some feeders use a small portion of grain, others do not, and it has not been proved to be of any advantage Keeping everiasting at a thing to feed it. Soft food is their natural does not always bring success, in diet, together with grasses, vegetaspite of the trite saying that it does. bles and animal food. The proper The more persistently some people labor the worse off they become, selection of the food is extremely im portant to secure the rapid growth simply because they are not expend of the duck, and the ingredients of ing their energies in the correct way the food must be such as will afford and along the most profitable line, a well balanced and substantial ra-Following up this same reasoning, When ducks are raised for there are some farmers who are conor grit. Feeding stuffs should be

Intelligent management is as neccorn meal and bran, do not make it essary in order to get the utmost possible out of farm work, as it is in any other business; there is always a cold. A second trough should be had best way to do everything and sever-

If some farmers would quit work ing an hour or two before bedtime occasionally, and spend the remainder of the evening studying the Epitomist, or some other reliable farm beef scraps and sand. When vege- Agricultural Epitomist.

nitrogenous matters can be returned the front end of the wire passing to it, while in the food and wood carthrough a hole in the board will proried away the richness of the land is ject a quarter of an inch and support passing away too. Alcohol contains the door. When the hen steps on the only carbon, hydrogen and oxygen, box and drags the wire down that all of which come from the air itpulls the long wire in and the door The transformation is begun self. drops. By opening the trap door 12 in the carbonic acid and water of the the top it is easy to set the door

Current Farm Chat.

Pure-bred seed goes hand in hand with pure-bred stock and is every bit as essential. The most prominent "catch crop"

just now is to catch up with the weeds.

Speaking with a nearby farmer re cently, he said that, his day's work "commenced at sun-up and ended at sun-down.

What do you think of the plan, dear readers?

To me, it seems little short of fully; I can coarcely see the necessity for it, unless it might be accounted for by the fact that the management was very poor.

air reaching the growing plant under the influence of sunshine, and completed in the fermenting vat and the still under human direction. Vigorous plant growth is a cooling process; solar energy is rendered latent or po tential. It would even be possible to calculate from the 'fuel value of any growth or crop the proportion of

the solar energy stored up. Fermentation renders the energy stored more available, and distillation final ly yields a concentrated product.

It is not unreasonable to expect that in large engines of the internal combustion type, when highly de veloped, we may attain efficiencies of thirty to forty per cent. This means

that of the heat units potential in the fuel and liberated when it is burned with the oxygen of the air about one-third may be converted into available power. It may even be

that future invention will carry this proportion up to about one-half. With alcohol at a cost of ten cents a gallon-a price even now realized in Cuba-the cost of the fuel per kilowatt hour would be about one cen and a quarter on an assumed efficiency of thirty-three per cent. in the engine.

It is not to be imagined that where coal or oll can be obtained at any thing like the present costs there is at present any possibility of their replacement. Neither is it likely that water power, developed under favorable conditions, can ever have as rival artificially produced fuel.

But inasmuch as the fuel cost is only a relatively small fraction of the

total cost of operation of a great system of distribution, such as that of an electric lighting plant or rafiway, it is evident that, considering the great convenience and adaptability of the alcohol vapor internal combustion engine, a wide field may open for its application, as the cost of the

fuel alone is a relatively unimportant item. Certain it is that for isolated small powers the alcohol motor can soon he used with convenience and economy in America, following the recent legislation there removing the onerous tax.

Among the Rocks

Sarah Bernhardt, reaching Parls with \$250,000 of good American money, announces her intention of spending some months at her Brittany home running barefoot among the rocks. We needa't worry for Sarah's feet, the rocks she will run through are nice and soft.

WORDS OF WISDOM.

A woman's ideal of a house is all closets and pantries.

There is just as much room in a flat as in a palace to quarrel.

A man can have a very peaceful home by not trying to run it.

A hammock is a very nice thing not to have room enough for two unless it's a girl.

A boy can inherit all his father's bad habits even when the old man hasn't got any.

Nobody ever gets old enough to stop calling some other person a doddering old idiot.

When a man is too scared to do something tempting but risky he calls it self control.

A man grows madder over seeing some other fellow get ahead than over failing himself.

The politician who is always praising the plain people is mighty mad if you class him with them.

The people who shout loudest for a revolution are usually out of the country where it is taking place.

When a woman says her husband loves his home she means he opened a bureau drawer without swearing at

There is more than an even chance that a girl is interested in a fellow if she swears to her mother that she isn't.

Generally a girl is in love when she looks as if she had three mortal diseases and had just buried her last friend.

Those who have children have mighty few theories about raising them; they are too busy with the facts of feeding and clothing them .----From "Reflections of a Bachelor," in the New York Press.

Corner Coupons.

The Postoffice Department rules, regarding corner coupons, that any small form is permissible so long as its detachment leaves the advertise-ment of which it forms part jutact and permanently attached. —Printer's

breeding they must not be forced. stantly drifting further away from like the others. An excellent ration the desired goal, no matter how hard is equal parts of corn meal, wheat, they may work, simply because they bran, green food, five per cent, beef are on the wrong track to get there, scraps and five per cent, coarse sand and the harder they work the further

hold the quantity without run- right! ning over the edges. When mixing

too sloppy. Warm water should be used when the water is excessively

to mix green foods in, such as cut al more or less poorer ways, rye, oats, etc., and dampen water: then mix an allowance of No. 2 grade flour with it. Thoroughly mix, so that the flour will completely cover the green stuff. After this has been done mix the flour and green paper or farm book, they would not mixture and add an allowance of lose anything --- Uncle Rural, in the heen done mix the flour and green

off they get; they cannot come out mixed in a trough large enough to all right, because they did not go in

Industry is not the only thing that is necessary on the farm-if it were, I know of several men who have failed that would have succeeded.