

RELIGIOUS THOUGHT.

Come Gleaned From the Teachings of All Denominations.
No truth is comprehended until it finds expression in actual experience.—Rufus H. Jones, Quaker, Haverford, Pa.

Muscle.
Muscle is the interpretation of a life which never can be interpreted in any other way.—Rev. Lyman Abbott, Congregationalist, Brooklyn.

Heavenly Life.
The heavenly life is the development of the Christian life here, as the oak is the development of the acorn.—Rev. Mark Collins, Lexington, Ky.

Happiness.
No man can be happy either in heaven or anywhere unless the divine element of his nature controls his action.—Rev. George H. Hopworth, Congregationalist, New York.

Life's Bounds.
You cannot make and fix the bounds of life according to order except according to God's order, which is an order of spirit and principle.—Rev. N. H. Lee, Methodist, Denver.

The Highest Welfare.
No cause in the future which aims at less than securing the highest welfare of all can hope to succeed or ought to succeed.—Rev. William T. Brown, Congregationalist, Rochester.

Human and Divine Friendship.
Human friendship enriches and enlarges life more than we can estimate. Divine friendship is utmost life—life eternal.—Rev. Dr. William Hayne Leavelle, Presbyterian, St. Louis.

Divine Highways.
Let us understand, once for all, that all avenues through which truth and beauty, light and love, enter the soul of man are divine highways.—Rev. Dr. Thomas Dixon, Baptist, New York.

Hope on Earth.
Hope here is the carrying forward and upward of the original hope, the strengthened and matured form of that assurance received when the conditions of salvation were accepted by us.—Rev. Dr. F. D. Power, Christian Church, Washington.

Chief Claim of the Gospel.
The supreme claim for the gospel is that it has come to man with a power that has been sufficient to raise him from the lowest, the highest, from the worst to the best, from earth to heaven.—Rev. Dr. Polenus H. Swift, Methodist, Chicago.

Blessings of Poverty.
To be kept poor is to be kept from many a sinful indulgence. And to be poor is to keep in sympathy with your fellow men. None but the angels know how much the poor do for one another.—Rev. Frederick E. Hopkins, Congregationalist, Chicago.

Duty of the Coming Church.
The church of the future must demonstrate that it is in the community to serve, to pour out its gold and its life, which is more than its gold, and its thought, which is more than its earthly life, and its love, which is more than its thought.—Rev. J. H. O. Smith, Chicago.

How God Helps Men.
God helps you not by the working of miracles around you, but by the working of miracles within you. Inside your own life is where the Red sea is crossed and the fields whitened by the falling manna.—Rev. Dr. W. J. McKittick, Presbyterian, St. Louis.

Triumph of the Model Church.
The model church will triumph. It has already kindled its campfires round the globe. They may have a dim glow, but it will flame up as the Pentecostal tongues break camp and march in double time into the enemy's country. All hail! Clear the way! The world rolls into light. "Tis daybreak everywhere. 'Tis heaven's noon spilling its yellow streams into the world's own shadows. The model church has triumphed.—Rev. Frank C. Bruner, Methodist, Englewood, Ills.

Righting of Wrongs.
Some day the housing of the poor, the reformation of the criminal, the enfranchisement of the unprivileged, the righting of the wrongs suffered by the world's "beavers of wood and drawers of water" will be done at public expense and by those trained for this purpose. Meanwhile the church is responsible for those things, at any rate in the way of molding institutions and inspiring individuals. All this and more is included in the great commission. "As my Father hath sent me, even so send I you."—Rev. Dr. A. W. Arundel, Episcopalian, Pittsburgh.

Pure Religion.
Pure religion makes no compromise with sin. Nothing but the grace of God will enable a man to live in the world and not be defiled by contact with it. Pure religion is active. It seeks the needy and prompts you to go not only where you are needed, but where you are needed most. It sends you with the message of the deprecating and poor with the message of love, charity and sympathy. It is not mortal in its action, but seeks all mankind. To such as will accept it the Lord will withhold no good thing from him.—Rev. Dr. Cornelius Asbury, Methodist, Pittsburgh.

Meaning of Immortality.
Faith in immortality is a necessity. Life is an occupant of time and space. As naturally as infinitude is predicted of space and eternity of time, should immortality be predicted of life. Immortality is time reduced to life. Everything that man does is for the future. He cannot plan, execute and realize in the same moment. Immortality means plans, executions and realizations on an infinite scale. To mark the horizon from a steamer's deck in mid-ocean is to be impressed with room for ships and islands and continents. Immortality is a view of the seas of space and time, disclosing room which should hold only a heaven forever stretching from all the cradles of earth.—Rev. J. Clayton Youker, Methodist, Chicago.

The Place to Stop.
"Castles in the air are expensive."
"No; not if you don't try to live in them."—Indianapolis Journal.

CASTORIA
For Infants and Children.
The Kind You Have Always Bought
Bears the Signature of *Dr. J. C. Watson*

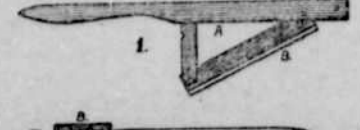


FODDER CUTTER.

A Satisfactory Homemade Fodder Cutter.

Fig. 1 is the knife. The handle is made of a 2 by 4 inch scantling and is 24 feet long. The blade is made of a piece of steel procured at the hardware or iron store 15 inches long, 3 inches wide and one-quarter inch thick, but three-sixteenths of an inch, and is sufficiently explained by the figures.

Fig. 2 is a side view of the box and frame. The box is made of boards 1 foot wide and 3 1/2 feet long. By putting the bottom board between the side boards the inner measure of the box is 12 inches wide by 11 inches deep. Across the top of the front end of the box there is nailed a board (b) 12 inches wide, and underneath it, inside of the box, is an inclined board, as indicated by dotted line, which forms the mouth and throat of the machine. This helps greatly to hold the fodder in place for cutting. The legs, made of 1 1/2 by 2 1/2 inch stuff, stand with their edges to the box and are 3 1/2 feet high; bottom of box, 2 1/2 feet from the knife handle, projects eight inches on either side of the frame to form a wide base, so that the box cannot be easily overturned, and the workman can place his foot on the end next to him and thus hold the machine in place. In Fig. 3 the pieces u and r, are made of steel, shaped up with a square, smooth face for the knife to



HOMEMADE FODDER CUTTER.

cut against, and is so nicely set in the mouth of the box as to form a smooth surface so that stalks will not catch against it when feeding them through to the knife. The blade, of course, is made with a beveled edge and set so as to cut like a pair of shears.

My cutter cost me, all told, besides my own labor, not more than \$2 and does more work and does it better and more easily than any of the cheaper machines on the market, says the Ohio Farmer writer who describes the foregoing.

Important In Droughty Regions.
As the result of seven years' trial at the North Dakota station fall preparation for spring wheat gave an average increase in yield of one bushel per acre over spring preparation.

Very similar experiments, with like results, are reported from the Oklahoma station. Wheat seeded on oat land, plowed July 19, Aug. 15 and Sept. 11, yielded at rates of 31.3, 23.5 and 15.3 bushels per acre respectively. Early

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plowing tended greatly to the suppression of weeds and the conservation of soil moisture in these experiments. Three days before seeding the early plowed soil contained 16.8 per cent of moisture, the medium plowed 13.9 and the late plowed 7.7 per cent, some 4 per cent less than the amount required to germinate wheat readily.

At the Minnesota station it was found that early plowing opened the surface of the ground, so that the rainfall could be more readily absorbed, while the furrow slice formed an effective dirt mulch, retarding the movement of the moisture to the surface. This is a matter of much importance in a droughty region. It was also found that on unplowed land the growth of weeds following a crop of grain dissipated a large amount of the moisture that early plowing conserved.

Weevil and Wheat.
The only way to get rid of weevil in your wheat is to make a bin or granary as nearly airtight as possible and then place in an open dish on top of the wheat carbon bisulphide, about four ounces for every 100 bushels of wheat. Allow this to evaporate. It is better than air settling to the bottom and destroys every living thing. During the treatment keep fire away from the bin, as carbon bisulphide is explosive, advises American Agriculturist.

Like a Cigar.
An advertisement, like a cigar, should be so good that the first whiff or impression will cause a man to finish it. —Flushing (N. Y.) Journal.

Education in Porto Rico.
The expense of maintaining schools in Porto Rico is very high, if we consider the amount spent for the small number of pupils enrolled; but that country is gradually brought in closer touch with our own, their system will evidently be changed, until it reaches our present state of perfection. In this country the people are being educated to the fact, that there is a sure cure for dyspepsia, indigestion, constipation, kidney and liver troubles, and that medicine is Hostetter's Stomach Bitters. It should be taken at the very first symptom, if you would avoid unnecessary suffering. It will give prompt relief and eventually cure, as hundreds of people, including many prominent physicians, have testified during the last fifty years.

Southern California.
Notable among the pleasures afforded by the Shasta route is the winter trip to Southern California and Arizona. Renewed acquaintance with this section will ever develop fresh points of interest and added sources of enjoyment, under its sunny skies, in the variety of its industries, in its prolific vegetation and among its numerous resorts of mountain, shore, valley and plain. The two daily Shasta trains from Portland to California have been recently equipped with the most approved pattern of standard and tourist sleeping cars, but the low rates of fare will still continue in effect. Illustrations to the winter route of California and Arizona may be had on application to C. H. Markham, G. P. A., Portland, Oregon.

May Be Done Much Later Than It Generally Thought.
October and November are the months for planting bulbs, but those who have not done so before these months expire need not fear to do so later, even should it be in open weather succeeding a freezing time, according to such good authority as Joseph Mehan, who says in Country Gentleman: I have planted them at New Year and have had fine blooms. Indeed there is no reason why one should not, as all that is required is to have them in the ground two or three months before blooming, so that there will be ample time for them to make root. From the early part of January to the beginning of April, which is the time bulbs flower here, there is ample time for the formation of roots if but a little aid is given. This assistance can easily be given by mulching to keep the frost out. But it should be said first that late planting will succeed only if the bulbs are set an inch or two deeper than common to be out of the reach of frost. Hyacinths, for instance, which usually are set with their tops two inches under ground, should be four inches. After they are planted cover the beds with leaves, manure, hay or straw. Perhaps the best of all covering is loose, well rotted manure, because it need not be removed when winter is over. Forest leaves make a warm, excellent covering, but a few inches in depth, keeping out the severest frost. In this protected way late ones will do as well as early planted ones.

The Mistake Is Sometimes Made of planting bulbs in sheltered nooks close to a dwelling, where it is too warm for them. Flowers are developed so early that late frosts catch them. Some years ago I set some hyacinths and crocuses close to the wall on the south side of my dwelling. I rarely get full satisfaction from them. Besides the sun heat there is a furnace in the cellar which warms the wall so much that for a foot or so from the wall the soil does not freeze. The result is the flowers universally appear in February or March. Should it be an open spell all goes well, and even if it freezes at night I get some satisfaction from them by covering them, but in later plantings I see to it that the position is not too sheltered.

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A New Use For Dogwood.
Ehony, which has long been used for the black keys of pianos, has so many advantages in place that a substitute for it is in demand. Dogwood has been found to serve the purpose excellently, as it can be stained a fine black and oiled and polished until it equals ebony both in durability and appearance. The industry of cutting and marketing dogwood, once a valuable tree, for this purpose is already giving employment to a considerable number of people.

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Robbles—What does this author mean by saying that the hero had "well carved" features?
Dobbles—Perhaps he shaved himself.—Baltimore American.

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An undertaker's business is advertised for sale in an English newspaper in terms which are really hardly such as to encourage any one to become a permanent resident of the locality. After stating that he is retiring from business altogether the advertiser praises the town thus: "Sanitary arrangements much neglected; mortality from fevers excessively high; total death rate 10.7 higher than any town within a radius of 50 miles; one trade competitor (carpenter only); excellent opening for energetic man willing to put his heart into the business."

To Stop Polite Blackmail.
An agreement has been entered into by the business men of Holyoke, Mass., to refuse advertising to programs and similar forms of scheme advertising. The Holyoke merchants think it time that a step be taken to the threats and polite blackmail of organizations that solicit advertising for their programmes. These business men will hereafter spend their money with the local newspapers and thus securing the results they are entitled to.

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A New Use For Dogwood.
Ehony, which has long been used for the black keys of pianos, has so many advantages in place that a substitute for it is in demand. Dogwood has been found to serve the purpose excellently, as it can be stained a fine black and oiled and polished until it equals ebony both in durability and appearance. The industry of cutting and marketing dogwood, once a valuable tree, for this purpose is already giving employment to a considerable number of people.

A More Surmise.
Robbles—What does this author mean by saying that the hero had "well carved" features?
Dobbles—Perhaps he shaved himself.—Baltimore American.

Good Town For an Undertaker.
An undertaker's business is advertised for sale in an English newspaper in terms which are really hardly such as to encourage any one to become a permanent resident of the locality. After stating that he is retiring from business altogether the advertiser praises the town thus: "Sanitary arrangements much neglected; mortality from fevers excessively high; total death rate 10.7 higher than any town within a radius of 50 miles; one trade competitor (carpenter only); excellent opening for energetic man willing to put his heart into the business."

To Stop Polite Blackmail.
An agreement has been entered into by the business men of Holyoke, Mass., to refuse advertising to programs and similar forms of scheme advertising. The Holyoke merchants think it time that a step be taken to the threats and polite blackmail of organizations that solicit advertising for their programmes. These business men will hereafter spend their money with the local newspapers and thus securing the results they are entitled to.

Like a Cigar.
An advertisement, like a cigar, should be so good that the first whiff or impression will cause a man to finish it. —Flushing (N. Y.) Journal.

Education in Porto Rico.
The expense of maintaining schools in Porto Rico is very high, if we consider the amount spent for the small number of pupils enrolled; but that country is gradually brought in closer touch with our own, their system will evidently be changed, until it reaches our present state of perfection. In this country the people are being educated to the fact, that there is a sure cure for dyspepsia, indigestion, constipation, kidney and liver troubles, and that medicine is Hostetter's Stomach Bitters. It should be taken at the very first symptom, if you would avoid unnecessary suffering. It will give prompt relief and eventually cure, as hundreds of people, including many prominent physicians, have testified during the last fifty years.

Southern California.
Notable among the pleasures afforded by the Shasta route is the winter trip to Southern California and Arizona. Renewed acquaintance with this section will ever develop fresh points of interest and added sources of enjoyment, under its sunny skies, in the variety of its industries, in its prolific vegetation and among its numerous resorts of mountain, shore, valley and plain. The two daily Shasta trains from Portland to California have been recently equipped with the most approved pattern of standard and tourist sleeping cars, but the low rates of fare will still continue in effect. Illustrations to the winter route of California and Arizona may be had on application to C. H. Markham, G. P. A., Portland, Oregon.

May Be Done Much Later Than It Generally Thought.
October and November are the months for planting bulbs, but those who have not done so before these months expire need not fear to do so later, even should it be in open weather succeeding a freezing time, according to such good authority as Joseph Mehan, who says in Country Gentleman: I have planted them at New Year and have had fine blooms. Indeed there is no reason why one should not, as all that is required is to have them in the ground two or three months before blooming, so that there will be ample time for them