

the Mediterranean to the North Sea, the history of diphtheria as the "putrid sore throat," the "malignant angina," the "angina suffocativa," &c., has been written in various places in America from early colonial times.

Dr. Craik's description of the sudden and fatal instance of this disorder in the case of Gen. Washington in 1798; the account given by Dr. Jacob Ogden of the prevalence of it in the vicinity of New York in the middle decades of the last century, and Dr. Samuel Bard's recitals of his study of the "suffocative angina" as it prevailed in the city and colony of New York in the sixth decade of that century—now upward of 100 years ago—will always be referred to with quite as great satisfaction as respects accuracy and clearness of definition as we can derive from the description of "putrid sore throat," the malignant cynanche, or the "black tongue," of which alarming descriptions and alarming examples occurred in many places some thirty years ago.

The disease became wide-spread during the late war, and in our northern and middle states it reached its greatest prevalence during the years 1862 and 1866. The large increase in the number of deaths accredited to it in the last quarter of 1872 was a prelude to the greater prevalence and greater fatality of the malady from that period to the present, with now and then a slight decrease in the monthly number of deaths by it.—*Washington Star*.

AGRICULTURAL NOTES.

A *Prairie Farmer* correspondent complains of prevalent abortion in mares, apparently caused by feeding wheat.

According to *Le Monde*, weevils may be expelled from a granary by placing in it a few bundles of raw hemp.

To keep earth worms from pots, a correspondent of *Vick* gives the following remedy: "I put ten drops of carbolic acid in a pint of water, and poured that on the earth in the pots, and it acted like a charm, killed all the worms and the plants improved at once. It has been three weeks since it was applied, and they are all in a nice growing condition, and I think that is time enough to show what it will do."

In the Bulletin Association of Wool Manufacturers, in an article on judging wools, the author summarizes as follows—"If you find the fleece of nearly equal fineness from the shoulder to the thigh; of nearly equal length on the shoulder, rib, thigh and back; and of equal density on the shoulder and across the loins—you may conclude that you have a nearly perfect sheep."

Whatever may be said of the best time to mulch strawberries to protect them during the winter's cold and the spring frosts, my experience rests in putting on the mulch just after the ground has become frozen—say one to two inches deep; cover the line between the crowns of the vines four inches deep, and over the crowns only put one inch. Straw, leaves, bog hay, or coarse grass litter is all that is requisite.—*Cor. Country Gentleman*.

Dr. Anderson gives the following proportion of bones and acids to be used in making superphosphate on a small scale—"One ten of inch bones, one quarter-ton of sulphuric acid, sixty gallons of boiling water. Utensils requisite, a cistern of lead and a watering can of the same metal. A small quantity of the bones should be spread upon the bottom of the cistern, and the sulphuric acid poured in from the leaden watering can, at the same time that a proportionate quantity of the water is added from another can."

The Tulip (incorrectly "Yellow Poplar") is called by botanists *Liriodendron Tulipifera* and belongs to the Magnolia family. According to Prof. Gray, it is found in "rich soil, Southern New England to Michigan, Illinois and southward." It bears a handsome tulip-shaped, erect flower, of a greenish yellow color, prettily tinted with orange. Wherever it has been tested for street planting, the best results have been attained, but we fear it will grow too large for narrow streets; in broad ones possibly it cannot be excelled. Several of the first class nurseries grow it now in large quantities.—*N. Y. Tribune*.

The multitudinous omnivorousness of the much-devouring goat,

and the extreme want of particularity exhibited by that animal in his diet were well illustrated the other day at Buffalo. The poor goat being left without his regular rations during the absence of the family partook of the following bill of fare: One Panama hat, three fine linen sheets, one box Havana cigars, and one-half of a new bonnet. How the steeple-climber felt after this miscellaneous meal, or whether he increased or decreased in friskiness we are not told. Tobacco, we have long known from actual experiment, is a weed which goats are extremely fond of; but of the hats, shirts, and bonnets, we can say nothing from personal observation.—*N. Y. Tribune*.

The Canada thistle is gradually working its way westward, having now reached Iowa and Kansas. It appeared in Illinois several years ago, but vigorous measures were taken on the part of the State, and the warfare is constantly kept up. Men are employed at regular wages to dig and burn the plants, it being ineffectual to leave them on the surface of the ground to dry and die. Wherever this thistle gets a foothold in a community, the damage is equal to a tax of ten per cent. on all the farming land, at a fair valuation. It is agreed that the seed was first introduced, and is still introduced, in the hay with which fruit trees are packed. It would be better to raise one's own trees, and have even inferior fruit, than to be thus burdened. Granges, agricultural societies and clubs should make it an especial business to watch the Canada thistle.—*N. Y. Tribune*.

PARALLAX. — A correspondent asks us if we "will be kind enough to explain again, very simply, the principle of 'Parallax,' as relating to the observation of the transit of Venus." Yes, although we have done it a half dozen times already. The writer is evidently a farmer's boy. Let him find the side of a large building, before which is a broad piece of level ground. Some distance from the building, and directly facing it, let him set up a tall stake. Still further from the building, let him measure off a line of, say twenty feet, whose direction shall be parallel with the face of the building. Let this last line represent the distance between two posts of observation of the astronomers observing the transit. Let the stake represent Venus, and the building, the sun. Then let him take up his position at one end of the twenty-foot line, and observe accurately the place on the building which the line of his vision strikes when looking over the stake on a level with his eye; and then repeat the operation at the other end of the twenty-foot line. Now the length of his base line (representing the earth), and the distance of the stake (representing Venus) being known, together with the angle of difference in position on the face of the building (representing the sun), caused by the change of position, then the distance of the building (that is to say the sun) can be accurately determined by simple rules of trigonometry, and that is all there is of it. To be sure, in the case of the astronomers, the stake (that is, Venus) is moving; but this is overcome by such observations being compared as were taken at exactly the same moment.—*Cincinnati Times*.

INSANITY.—A Dr. Frederick R. Marvin lectured in New York, Dec. 5, before the Liberal Club, on insanity, which, he said, had a physical basis for cause, inasmuch as every phenomenon occurring in the system, whether intellectual or mechanical, had a physical basis for its antecedent. Among other statements, he said that marriages of consanguinity, though under certain circumstances injurious, need not necessarily be so, and that the fact of relationship existing between families had nothing to do with the deterioration of children. That, he said, was owing to defects in the constitutions of parents, which might quite as well exist whether related to each other or not. He also said that insanity occurred more generally in northern climates than in those of the south, inasmuch as business activity and, consequently, mental activity were much greater in the former. It is more frequent likewise in the families of northern farmers, who are more confined to

their monotonous duties than those of the south, whose existence is more easily earned, and where more time is given to social enjoyment. The lecturer asserted also that while more women became insane than men, more men died from insanity than women. He gave no hypothesis, however, as a basis for his assertion.—*Ex.*

CONFERENCE NOTICE.—H. Brunton, late of the Washington House has removed to the Overland House Meals 30 cents. w13 ly

LAW OF UTAH.

HAVING ON HAND A FEW surplus copies of the revised LAWS OF UTAH, 1851 to 1866, bound in half calf; and also a few copies of the sessions of 1867 to 1870, bound in full calf. We offer them to Territorial and County Officers and the legal fraternity generally.

PRICES

1851 to 1866, half calf, \$1.25
1867 to 1870, full calf, 2.00

Sent by mail on receipt of price. Address,

Deseret News Office,

4186 tf SALT LAKE CITY

NOW READY!

New and Enlarged Editions

OF THE

KEY to THEOLOGY,

Voice of Warning,

AND

SPENCER'S LETTERS.

Printed in clear Type, on good Paper and well bound.

TO INSURE AN EXTENSIVE CIRCULATION of these works we have put the prices down at a very slight margin above cost, so that they may be easily accessible to every person in the community. By them being sold at low prices they are brought within the reach of all the Schools in the Territory, as well as the adult portion of the community, and many persons will be enabled to purchase them not only for themselves and their children, but to send abroad to friends and acquaintances, to inquiring strangers, and any other persons where the works might do good.

PRICES:

Key to Theology, cloth embossed, \$1 00
" im. morocco, 1 50
Voice of Warning, cloth embossed, .. 1 00
" im. morocco, 1 50
Spencer's Letters, cloth embossed, ... 1 25

Sent by Mail on receipt of price.

A discount on one dozen copies of each work or over.

ADDRESS, Deseret News Office,

SALT LAKE CITY.

Custom-Made BOOTS & SHOES

OF ALL SIZES.

Arctic Overshoes

FOR ALL SIZES.

RUBBERS & GENTS' BOOTS

OF ALL KINDS.

Gents' Gloves, Hats & Caps, Ladies' Furs,

SHOE and HARNESS LEATHER and FINDINGS of all kinds

The BEST at the LOWEST PRICES,

At the Sign of the Yellow Boot,

No. 57 MAIN STREET.

Wholesale and Retail.

GEO. A. ALDER, Agent.

Pianos and Organs.

THE ST. LOUIS

MERCANTILE COMP'Y

Capital \$100,000.

THIS Company buy their instruments directly from the manufacturers for cash, and are thereby enabled to sell at the lowest prices.

Emerson Pianos and Needham's Silver Tongue Organs a Specialty.

Any other first-class instrument furnished to order. The SILVER TONGUE Organ receives its name from the superiority in a point which constitutes the decisive criterion of excellence in any musical instrument, viz: Superior Quality of Tone. The durability of this Organ is one of its most remarkable characteristics. Its quality of keeping in good tone, also, is one of the most practical importance.

Terms of Sale Liberal. Monthly or Quarterly Installments to responsible parties.

BRANCH OFFICE FOR UTAH,

No. 31, MAIN STREET,

Opposite Post Office,

SALT LAKE CITY.

THOS. P. MILLER, Manager.



The HOWE

SEWING MACHINE,

As perfected by

ELIAS HOWE Jr.,

Inventor of the Sewing Machine

Best in the World

THE HOWE

Is an HONEST Machine, and is not subject to FITS.

POINTS OF SUPERIORITY:

Simplicity and Perfection of Mechanism. Durability—will last a lifetime. Range of work—without parallel. Perfection of Stitch and Tension. Ease of Operation and Management. Self-Adjusting Take-up. Adjustable Head.

1,500 persons who use the Howe Machine in Utah will testify to the above. Best Silks and Threads for sale.

SALESROOM REMOVED TO

31 MAIN STREET,

Opposite Post Office.

Call and examine our Stock.

THE HOWE MACHINE CO.

THOS. P. MILLER,

Manager for Utah.

w9 a7 tf

Z. C. M. I

Wagon and Machine

DEPOT!

WE HAVE NOW A FULL STOCK OF THE FOLLOWING RELIABLE

A HINES,

"CHAMPION," "WOODS," "RUSSELL," DODGE

MCCORMICK, EXCELSIOR, SPRAGUE, Etc.,

As Mowers and with Self-Rake or Dropping Attachments.

We aim to dispose of these by selling at

REDUCED PRICES,

And accommodating reliable men throughout the Territory.

APPLY EARLY.

THE "STUDEBAKER" WAGON

Is Warranted for One Year, against defects of material or workmanship. We can supply all sizes at revised rates.

w40 tf, 332 tf

W. H. HOOPER, Superintendent.