

Scientific.

SCIENCE AND HEALTH.

The American Public Health Association, a body, the objects of which are sufficiently indicated by its name, recently held its second annual meeting in New York.

Dr. Nathan Allen, speaking upon the laws of longevity, pointed out that a mind well cultivated and balanced, cheerful disposition, temperate and regular habits, are great promoters of long life.

Dr. Hamlyn, of Bangor, referring to diet, considered that, in the selection of meat for food, there is too little care.

THE SANITARY RELATION OF HEALTH AND ARCHITECTURE

was considered by Mr. Carl Pfeiffer as of great importance, inasmuch as the architect furnishes the human body by means of its dwelling place, its house, with the proper medicine where-with to regulate its intercourse with what is its chief food and necessity—air.

General Francis A. Walker, superintendent of the United States census, followed in an interesting paper on

THE STATISTICS OF MORTALITY, in which the proportion of deaths among all classes was shown, as follows:

Table with 2 columns: Share of population, Share of death. Rows include Colored, Irish, German, English & Welsh.

Dr. Lewis W. Leeds then read a paper on

THE SANITARY ELEMENTS IN DWELLINGS.

He thought it was a mistake to over-heat all the fresh air as fast as it was admitted to our hospitals and public and private buildings.

ATMOSPHERIC ELECTRICITY AND OZONE

was the title of a paper read by Dr. George M. Beard. It has been stated that there is a relation between ozone and intermittent and remittent fevers;

Professor Chandler, in the course of remarks on

THE SANITARY CHEMISTRY OF WATER, observed that the organic matter which is dangerous in water is sewage, and that many diseases, especially cases of typhoid fever, have been developed by the presence of these impurities in water.

President White of Cornell University, delivered an interesting address on

GENERAL SANITARY TOPICS

and proper education in hygiene. Physiology should be taught throughout a college course.

THE GERM THEORY OF DISEASE IN ITS RELATION TO HYGIENE

was the subject of an able discourse by President Barnard, in which the view was taken that the laws of health and disease were as well defined as those of the mathematics and the only obstacle was the difficulty attending their discovery.

Agriculture.

WASHING BUTTER.—A very large majority of butter makers wash their butter; a minority do not and claim washing as not only unnecessary but injurious.

A THING OF BEAUTY.—A most beautiful and easily attained show of evergreens may be had by a simple plan, which has been found to answer remarkably well on small scale.

SNAILS FOR MARKET.—In the districts of Champagne, in France, the cultivation of snails for the Paris market has latterly become a profitable product.

POISONING BY PLANTS AND INSECTS. A standing antidote for poison by oak, ivy, etc., is to take a handful of quick-lime, dissolve it in water, let it stand half an hour, then paint the poisoned parts with it.

FABULOUS PRICES PAID FOR SHEEP.—The high prices paid for certain breeds of sheep, a few years ago, when Atwood merinos brought anywhere from \$100 to \$20,000, are recalled by some great sales of breeding sheep that recently took place in Edinburgh and Kelso, Scotland.

A CHEAP CUSHION.—"One who has tried it," writes as follows to the American Farm Journal:—"If any farmer wants a convenient and cheap cushion to ride on, let him take a sheep skin as soon as it is taken from the sheep, and scrape the flesh off, then lay in a smooth place.

AN INCH A YEAR.—A Minnesota farmer gives in the St. Paul Pioneer, his experience with ploughing a field for wheat one inch deeper every year. The first year he ploughed the land four inches deep, and harvested seven bushels of wheat to the acre.

18 or 20 feet high, and that won't stand the storms of Minnesota but if we want long straw and heavy wheat we must plough deep.

A CHILDREN'S FLOWER SHOW.—In November last, several gentlemen in Manchester and Salford, England, formed themselves into a society with a view to encourage a taste among children for the cultivation of pot flowers.

CEMENT FOR PIPES, STILLS, REPORTS, ETC.—J. Spiller recommends a mixture of pulverized iron borings, kaolin, and sirupy silicate of soda as a lute for fixing on the heads of stills which are required to stand a high temperature.

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WINDSOR & ANNAPOLIS RAILWAY. CONDENSED TIME TABLE. COMMENCING OCTOBER, 1873.

Table with columns: Stations, Exp. Pass., Pass. and Frt., Exp. and Frt. Rows include Halifax, Bedford, Wind. Junction, Mount Unslecke, Newport, Windsor, Hantsport, Wolfville, Kentville, Aylesford, Midjleton, Bridgetown, Annapolis.

ST. JOHN TO HALIFAX. Table with columns: Stations, Pass. and Frt., Exp. and Frt. Rows include St. John by Steamer, Annapolis, Bridgetown, Middleton, Aylesford, Kentville, Wolfville, Hantsport, Windsor, Newport, Mount Unslecke, Wind. Junction, Bedford, Halifax.

N. B.—The Express trains now run daily. Steamer "Scud" or "Empress" leaves St. John on Monday, Wednesday, Friday and Saturday, at 8 a. m., for Annapolis, and returns same day on arrival of 8 a. m. Express Train from Halifax.

International Steamers leave St. John on Monday and Thursday at 8 a. m., for Eastport, Portland, and Boston. European and North American Railway Trains leave St. John at 8.30 a. m. and 9 p. m., for Woodstock, Fredericton, St. Stephens, Bangor, Portland, Boston, and all parts of the United States and Canada.

HALIFAX, N. S., DECEMBER 3, 1873.

MESSENGER ALMANACK. DECEMBER, 1873.

Full Moon, December 4th, 0h. 6m. morning. Last Quarter, " 11th, 5h. 39m. afternoon. New Moon, " 19th, 2h. 35m. afternoon. First Quarter, " 26th, 11h. 50m. morning.

Table with columns: Day, SUN, MOON, High Tide. Rows include 1 M., 2 Tu., 3 We., 4 Th., 5 Fr., 6 Sa., 7 Su., 8 M., 9 Tu., 10 We., 11 Th., 12 Fr., 13 Sa., 14 Su., 15 M., 16 Tu., 17 We., 18 Th., 19 Fr., 20 Sa., 21 Su., 22 M., 23 Tu., 24 We., 25 Th., 26 Fr., 27 Sa., 28 Su., 29 M., 30 Tu., 31 We.

FIVE TIDES.—The column of the Moon's Southing gives the time of high water at Parrsboro', Cornwallis, Horton, Hantsport, Windsor, Newport, and Truro.

High water at Pictou and Cape Tormentine, 2 hours and 11 minutes later than at Halifax. At Annapolis, St. John, N. B., and Portland Maine, 3 hours and 25 minutes later, and at St. John's, Newfoundland 20 minutes earlier, than at Halifax.

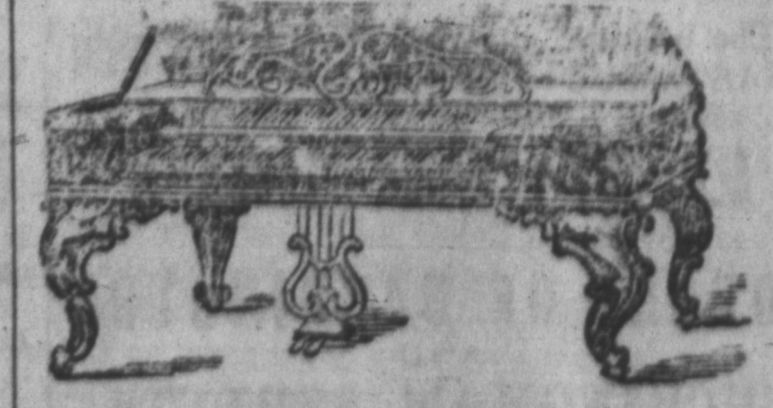
FOR THE LENGTH OF THE DAY.—Add 12 hours to the time of the sun's setting, and from the sum subtract the time of rising.

NOTICE.

THE Subscriber offers for Sale his well known Farm, Situate in Wilmot, County of Annapolis, on the North back road, about one half mile east from the Wilton Spa Springs, and about one and a half miles from the Railroad Station.

There are about 100 grafted apple trees producing from 60 to 200 barrels annually. This property is so well known that further particulars are unnecessary.

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ARCHIBALD'S VEGETABLE PAIN BALSAM, the great internal and external remedy for all kinds of pain has stood the test of time; it has been before the public for many years and its reputation like its sale is greater than ever.

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Dr. E. R. Cunningham, 40 GERMAIN ST., St. John, N. B. March 12.

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