

THE DAILY GLOBE

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TO-DAY'S WEATHER. WASHINGTON, Dec. 17.—For Minnesota, North Dakota and South Dakota: Fair, light winds; warmer; southerly winds.

THE STORY OF A DAY. Suicide Gowen's life was insured for \$200,000. The city aldermen have an exciting discussion over street cleaning.

MINNESOTA APPOINTMENTS. Senator Washburn knew that the ground was solid under his feet when he refused to entertain his colleague's proposition for a compromise on the Minnesota appointments.

INFLUENZA EPIDEMIC. The epidemic of influenza reported in Russia, a few days ago has shown itself a remarkable traveler.

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ing a dozen or more of the contestants, and their unusual procedure and the parsimony of the matter will force them to rely solely upon their party vote. It will be a matter of great difficulty for them to secure a quorum of their own number, but it will be effected under the stress of the emergency, and be easy working after they have voted in as many Republicans from the South as they may think desirable.

THE IMMIGRATION TIDE. Those who are interested in promoting immigration are complaining that the tide is ebbing every year, with a prospect of a continuous decrease, and they attribute it to the severity of our immigration and naturalization laws.

SOME OF THE W. C. T. U. ladies of Pennsylvania have made a formal protest to Mrs. Harrison at the service of the White House. The president has always been his whisky straight, and very naturally he thought that his whisky punch was good enough for his guests.

A COUNCIL that recently met in Rochester decided to change the name of the Salvation Army to the Christian Crusaders. This looks like a toning down of the original methods and a desire to get more in line with the regulars of theological schools.

CHRISTMAS is coming at the usual gait, regardless of the weather, and the store windows and newspaper columns forecast the crucial period of the pocketbooks. Sentiment is a good thing to direct, but it may be assumed that most men are supplied with slippers and smoking caps.

SECRETARY NOBLE cooled down about the rerating of pension officials as soon as he got the Democrats out. The Republicans still sit on the high stools and draw regular rations. He was, perhaps, glad that there were enough Democrats to appease his wrath.

A BROOKLYN paper says that Talmage differs from Decker in having the business and money-piling faculty full of it. Decker did not know the value of money. Talmage would use the Holy Land as a splendid advertising arena.

A POLITICAL writer at Fargo, who predicted some months ago that the railroads would elect the senators from North Dakota, now insists that he must be classed among the reliable prophets, and there is no apparent dissent.

MR. CLEVELAND leaves no doubt in his recent speeches that he is as solid as ever for tariff reduction, ballot and civil service reform. Even the Republicans are beginning to recognize his imperturbable honesty.

THE SANDHOG has been having a bad run in New York, and is reported appearing in other cities. It is one of the criminal utensils that should award the principal perpetual employment by the state.

THE CROP of cereals is not nearly exhausted. The establishment of the supreme court is to be celebrated on the 4th of February. Several other fundamental things come in still later.

MR. POWDERLY would merit more credit if he had discovered a year and a half ago that "protection does not protect the laborer." Nearly all candid people are admitting that now.

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THEY LOVED NOT WISELY. An Elopement Couple Now Languish in Jail. LANSING, Mich., Dec. 17.—In November D. McNetton, agent for Ivison, Blakeman & Co. the New York publishers, came to Lansing accompanied by a remarkably pretty woman, who was introduced as his wife.

TERSE TELEGRAMS. Four hundred and ninety-one immigrants arrived in New York yesterday from Hamburg. The police of Baltimore have ordered William L. Crosby, a dealer in "green goods," to leave the city.

THE NEW YORK Sun, which has intermittent and slight Democratic symptoms, attempts to prejudice Democrats against the Australian ballot system by professing to believe that the city election in Boston was lost to the party by that system of voting.

THE SUPREME COURT of Ohio has decided that the financial election amendment, which received a majority of the votes on the proposition, is unconstitutional.

WILLIAM MARQUIS, aged seventeen, son of a farmer, was arrested by a Bahah railroad detective on a charge of wrecking the east-bound express at the crossing of the Erie and the Erie & Western. The wreck was caused by a misplaced switch.

MORMON OFFICIALS in the Meshes of the Law. SALT LAKE, Utah, Dec. 17.—The recent investigation of the grand jury into the alleged frauds in the disbursing of funds and making of contracts by city and county officials, has resulted in a large number of arrests.

BRAINED WITH A HATCHET. A Dissipated St. Louisian Murders His Father. ST. LOUIS, Dec. 17.—Emil Gunther, a dissipated and shiftless youth, quarreled with his father, George, in the morning, and seven years, this morning, and killed the old man with a hatchet.

HER GOOD-BYE. She Got Away After a While, But Meantwhile the Town Clock Laughed. Time. Mrs. Gabbler (rising to depart after a call on Mrs. Wearysome)—Well, really I must go. I've stayed now later than I ought to.

DRUGGISTS ENTER A PROTEST. Special to the Globe. ST. PAUL, Dec. 17.—A committee of the North Dakota Pharmaceutical Association has been in session all afternoon and evening discussing the proper course to be taken in reference to a bill before the legislature amending the pharmacy law.

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PANS PAINTING THE TOWN. NEW YORK, Dec. 17.—The Pan-American Yelkery, which was carried off by the young ladies there, later they visited the Metropolitan Museum of Art, the Museum of Natural History and St. Patrick's church.

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BUTTER—WHAT IS IT? State Chemist Eberman Undertakes the Task to Inform Globe Readers. What is the Commercial and Food Value of Butter? Facts and Figures for the Butter Makers of the Northwest. It is Desirable that the Standard of Butter Should be Elevated.

There is no man in the state better fitted to write on the qualities of good and bad butter, its commercial and food value, than State Chemist Eberman. The readers of the GLOBE will, therefore, be glad to peruse the following article from his pen:

Reason would teach us that butter must necessarily have a food value before any appreciable commercial value can be fixed, and in order to have a food value, the butter must be wholesome. The quality of the milk is the key-note in the effort to produce pure butter. The cream of milk consists mainly of the fatty matter, which, by virtue of its lightness, rises to the surface, the milk being left behind. It is equally dependent upon the products of the vegetable kingdom for its palatability. It is a recognized fact that while nitrogenous matter may be regarded as forming the essential basis of structures possessing active or living properties, the non-nitrogenous principles may be looked upon as supplying the source of power. It is true also that non-nitrogenous matter may be applied to tissue formation, but it is possible that in doing so it is simply for the purpose of being stored up for subsequent appropriation to force-production, according to circumstances may require. The non-nitrogenous alimentary principles comprise: First—the hydrocarbons or fat. Second—the carbonaceous matter, starch, sugar, etc., and Third—the principles, such as alcohol and the vegetable acids, which do not fall strictly within either of the preceding groups.

From these data we may state that a good cow, whether full-blood, grade or crossing, that feeds well, and produces a good article of milk; good milk ought to produce rich cream, and cream with fine flavor and rich in fat ought to make butter. It will not further occupy your time in the discussion of milk or its various qualities, but it will be well to note that the cream of milk consists mainly of the fatty matter, which, by virtue of its lightness, rises to the surface, the milk being left behind. It is equally dependent upon the products of the vegetable kingdom for its palatability. It is a recognized fact that while nitrogenous matter may be regarded as forming the essential basis of structures possessing active or living properties, the non-nitrogenous principles may be looked upon as supplying the source of power. It is true also that non-nitrogenous matter may be applied to tissue formation, but it is possible that in doing so it is simply for the purpose of being stored up for subsequent appropriation to force-production, according to circumstances may require. The non-nitrogenous alimentary principles comprise: First—the hydrocarbons or fat. Second—the carbonaceous matter, starch, sugar, etc., and Third—the principles, such as alcohol and the vegetable acids, which do not fall strictly within either of the preceding groups.

Butter we find then to be the fatty matter of the cream and composed, as stated, largely of carbonaceous matter. Butter as obtained and furnished for consumption, contains a certain quantity of other matter, and is made up of 86 to 90 per cent. Casein is present to the extent of from three to five per cent in good butter. The water should not amount to more than 10 per cent, and salt ought not to exceed eight per cent. It is a physiological fact that a large amount of fatty matter less likely than that of other to disagree with the stomach. Too much of the sturdy milk, and the quality of the salt used. It is not an unusual occurrence to find a lot of butter, neat and attractive in appearance, but which, when eaten, gives a disagreeable taste. The presence of sulphate of magnesia in the salt would of itself be sufficient to cause a bitter taste, and the butter should not be assigned. Time will not permit, and it would be out of place to enter into the practical methods of butter-making, but it is well to note that those are more capable and accomplished in the art.

It is the butter makers of our state, it matters not whether they are owners of creameries or private dairies, that is material, as long as the quality is there, will be the extraction of all poor butter from the market. That means a higher standard for our butter product. Certain it is that both standards of butter quality have been raised. Forty million pounds of oleomargarine manufactured and sold in the United States annually! What does it mean? It simply means that over 40,000,000 pounds less of butter produced than there should be. For one who has ever tasted oleomargarine, he can readily see how it is possible for them to advocate that oleomargarine is its equal. Might they not with the same propriety argue in favor of the use of lard or tallow, a butter substitute?

Do they not know that butter fats melt at a lower temperature than those used in the manufacture of bogus butter, and are, therefore, more penetrating, and aid more in dissolving the prime dairy butter, which has been substituted for the real thing? Do they not know that butter fats are more penetrating, and aid more in dissolving the prime dairy butter, which has been substituted for the real thing? Do they not know that butter fats are more penetrating, and aid more in dissolving the prime dairy butter, which has been substituted for the real thing?

THE SUN'S RAYS. and upon the principle of destructibility, cannot be traced, which has been employed in unlocking the elements in the combinations from which vegetable products are built up, and in forming the new compound in plants. Now, as above stated, animals either directly or indirectly subsist upon these vegetable products, and are hence supplied by them with the energy force. Thus we find that the various forms of force manifested in the actions of animals trace their origin to the sun. The energy contained in these rays which has been employed in producing the compound, is fixed or rendered latent in the animal body. The energy force, then, may be regarded as containing a store of force accumulated from the vast supply of continually emitted force of the sun.

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Cannot tell you that the weather so far has been the best in the world for the sale of furs, and yet, strange to say, we have been driven all the season, and only for this weather would have been "swamped." Now, this isn't going to last, and you will do well to take advantage of the temporary lull and order your

Attend to any repair work or alteration you need done, and be in shape for the cold weather when it comes with a rush. To such of you as live out of the city, we wish you to understand that we will very gladly send

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