## THE "ACARUS SACCHARL"

A published report of analytical experirecently made by some British an excitement in Great Britain as the reports, some years ago, of the tricking spiralis,—the animalcule which it is said abounds in hog flesh.

nounced against the consumption of raw sugar as human aliment, from the fact that his experiments have proved that aligrades of raw or unrefined sugar contain vast-numbers of the insect known to scientific President for the correspondence of men as the Acurus Eacchari. Admiral Davis, relative to the Paraguaymen as the Acurus Easthari.

Professor Cameron, in his capacity as public analyst for the city of Dublin, has examined one hundred and fifty specimens of sugar, from the purest white to the darkest brown. All of these specimens that were not refined contained great numbers of minute beetles, and mites or acari; and fifteen of the specimens were so impure

All the specimens of reflued sugar were free from these impurities, and on this account, being inimical to health as well as on the score of economy, Prof. Cameron recommends the total disuse of all raw or In his pamphlet published on the subject,

cheese mite, the insect found in partially decomposed flour, and the minute parasite, which, by burrowing beneath the skin, produces the disease termed the itch-are all different varieties of Acari. The mite found in the raw sugar is termed the Acarus Sacchari, or sugar insect. The Acarus Sacchari is a formidably organized, exceedingly lively, and decidedly ugly little ani-mal. From its oval-shaped body stretches forth a proboscis, terminating in a kind of seissors, with which it selzes upon its food. Its organs of locomotion consist of eight legs, each jointed and furnished at its extremity with a book. In the sugar, its movements from one place to another are necessarily very slow, but when placed on a perfectly clean and dry surface, it moves

handling and mixing sugar, is said to be venue bills. caused by the Acarus Sacchari burrowing At the evening session the tax on the persons thus afflicted. Professor Cameron says it is no exaggeration to say that every pound of raw or unrefined sugar contains 100,000 of these insects. In ten grains of it he estimated 500, most of which were visible to the naked eye.

Previous to these investigations being made, the presence of these insects in sugar was unanspected by scientific men, and when Professor Cameron's pamphlet was published, his statements were looked upon as exaggerations; but subsequent invesgations, made by some of the leading micropocists and analysts of Britain, Including Dr. Hassall, of London, have fully corroborated the report of Professor Cameron, showing that from 42,000 to 268,000 of these mites or actar were contained to the pound of raw sugar, according to its quality, being least numerous in the very dampest kinds, because, as these mites are breathing animals, they cannot exist in its quids.

The report concludes as follows:

"He appointed of the contents were saved. Loss on the building \$20,000.

Washington.—The Secretary of the Interior, in reply to a resolution from the Senate, states that the quantity of lands certified, as having been granted to States, Territories and Corporations, for railroads, canals &c., to date, is about 23,000,000 acres.

General Hancock refuses to become a candidate for Governor of Pennsylvania or to interfere with the local politics of the State so long as he remains in the army. cropocists and analysts of Britain, Inclu-

in a wineglass full of water the animalcules will specify come to the surface, from which they may be skimmed off and transferred to the object-glass of the microscope. On the surface of the water they appear as white specks and as they swim about vigor-ously, their movements are quite apparent

"The Acari sacchari do not occur in refined sugar of any quality, for the following reasons: Firstly, because they can not pass through the charcoal filters of the refinery; secondly, because refined sugar does not contain any nitrogenous substance (such as albumen) upon which they could feed—and I have already shown that even the most insignificant animals can not subsist solely upon sugar, or upon any other kimi of food destitute of nitrogen."

If this report be true, and we see no resson to doubt it, unrefined sogars should be allowed to fall into disuse. The difference between the first cost of these objectionable kinds and the refined sugars is so little, that there is no object in our people importing the former kinds, as the cost of transportation is as great for one as the other.

CONGRESSIONAL.

After the expiration of the morning hour, which was occupied with unimportant business, the Senate took up the consular appropriation bill. A long debate ensued, during which Patterson, Sumner yesterday, comparing him to the traitor Slidell.

House resolution, calling for the cor-respondence with the Government of Great Britain relative to Costella and Warren, naturalized citizens of the United States, imprisoned in Great Britain, having been convicted of trea-

to secure the construction of a firstelass road.

Paine, from the Committee on reconstruction, offered a resolution, asking that they were totally untit for use, through the Secretary of War for information as the organic fifth and the vast numbers of to whether any district commander had disgusting insects which they contained. turned over for trial to the Civil au-

> The House took up the business on the Speaker's table. The first was a resolution in reply to the President, tissues. This invention contributed so referring to the case of Costello and Robinson. Chandler addressed the House at considerable length on the Chinese divinities, and even now the subject; finally the correspondence was referred to the committee on Foreign

Affairs. The House concurred in the Senate amendments to the bill, declaring vacant offices held by disqualified per-

The House went into a committee of the whole and resumed the consideration of the Indian appropriation bill.

After a session of two hours the committee rose.

Lawrence offered a resolution, which was amended, with regard to the auffrage, Randall objected. The House The disease known as "greecer's itch," took a recess till the evening session, which will be exclusively devoted to the consideration of the internal re-

to 3 per cent; the specific tax on the seating capacity was struck out. The House Committee on Elections reported adversely to the admission of the 9th member from Tennessee.

General Grant, to-day, took emphat-tic ground in favor of personal and im partial suffrage and expressed a hope that Congress would pass the Constitu-tional Amendment now pending.

MARGENERAL BAW , EWORS It is reported that Toledo College building, at Adrian, Michigan, was partially destroyed by fire to day; most f the contents were saved. Loss on

A statement of the public debt will be issued on Friday; it will probably show an increase in consequence of the heavy diabursements for interests, &c.
A New York Washington special says that Grant, in conversation to-day, urged the passage, by the Senate, of the Constitutional Amendment which pass-

Poughkeepsie, New York 3.—The entire village of Oraigville, Orange county, with 500 acres of land and a cotton factory, has been sold for \$40,000. Albany .- The Grand Chapter for the

New York 3.—Full particulars of the disaster at Danbury, Coan., state that the upper reservoir, which was fired to make it give way, is aituated 250 feet above the level of the river, which runs through the town to a distance from it of a out five miles. The loss on property by the torrent is estimated at a hundred thousand. Thirteen lives were lost; only five bodies have been ry VIII, Edward VI and Queen Elizage of the street street and the paris and Amiens. But the results were, at first, so trifling that silk goods still commanded extremely high prices; they seemed kept in store exclusively for princes and monarchs. Henri II, when he was crowned at Reims on the 25th of July, 1547, wore the first silk stockings ever seen in France. And in England, Henry VIII, Edward VI and Queen Elizage of the street street and the results were, at first, so trifling that silk goods still commanded extremely high prices; they seemed kept in store exclusively for princes and monarchs. Henri II, when he was crowned at Reims on the 25th of July, 1547, wore the first silk stockings ever seen in France. And in England, Henry VIII, Edward VI and Queen Elizage.

New York.—A bullet was fired through the windows of a store on Broadway, and two bullets through the window of a store in the Bowery yesterday afternoon. It is stated that the sale of revolvers to merchants and

to his official residence.

The Cortex will probably make great reductions in the endowment of the clergy and in the expenditures for the army.

M. de Gasparin epitomizes in this wise Dandolo's system: "He had searched to regulate the warming pro-

forten Kniger or BY LOUIS A. BERTRAND. VIII.

According to the Chinese annals, the Empress Si Ling Chi was the first who, about five thousand years ago, having gathered the silkworms from the trees, fed them with leaves of the mulberry in her palace, and obtained a silk su-perior in quality to that produced in the forests. Sue also invented silk Chinese divinities, and even now the Chinese Empresses offer annually solemn sacrifices to her memory.

As it is the habit of the Emperor of China, once a year, to plough the earth, in order to add dignity and honor to agricultural pursuits, so in like manner the Empress, by annually visiting the silkworm-nurseries and laboring with her own hands, encourages the production of this valuable commodity.
In all ages the silk worm-nursery has afforded a favorite occupation among the fair sex; it is still emphatically a female concern. What lady will take the lead in feeding these precious insects, and in propagating this rich business in Utah?

Two centuries before the Christian eraths Chinese carried on a communication.

era the Chinese carried on a commerce in silk with Persia, Greece and Italy. able material has remained unchanged, except with a slight modification of the word. In fact, the French word soft or silk bears among them the name of sec. The Mongols name it sirke. The Mautchous, sirche. The Russians designate it by the word chek, and the Greeks sez, etc. Notwithstanding the antiquity of the use of silk, its nature was for a long

time unknown, and its importation in-to the West is of recent date, compared with its high antiquity in Asia. I will remark here that several very curious fragments of Chinese works on sericulture were translated, in 1837, into the French language by Mr. Stanislas Julien. Since that time, various Chinese particular modes and useful Implements have been adopted by the French breeders.

Before the third and fourth centuries of the Christian era, Rome was compell-

ed to import, at an enormous expense, silk tissues from the further end of Asia, and such was their high price that one pound of silk was worth one pound of gold. The history of the introduction, in 555, of the first silkworm eggs into Constantinople by two monks, is a pop-

Albany.—The Grand Chapter for the Masonic body, of the State of New York, commenced its annual convocation here yesterday; the convocation was large, upwards of two thousand chapters being represented.

New York 3.—Full particulars of the New York 3.—Full particulars of the Ret the results were at first, so trifling Athens and at Corinth, in Greece; and from thence sericulture was introduced hundred thousand. Thirteen lives were lost; only five bodies have been recovered. Others are supposed to be lodged under the cakes of ice and timbers, which were awept down the stream for a great distance. Three dams and five bridges were swept away. Danbury would now be helples in case of fire.

St. Albans.—Weston passed through here yesterday, and reached Rouse's point early this morning; he seems to be confident of his ability to make up lost time. He has lost six pounds in flesh since leaving Bangor.

New York.—A builet was fired through the windows of a store on Broadway, and two bullets through the windows of a store on Broadway. point early this morning; he seems to be confident of his ability to make up lost time. He has lost six pounds in flesh since leaving Bangor.

New York.—A bullet was fired this enterprise in France,

Heavy gales and a rain storm prevailself certain real estate property of the
C. a. Harper's Ferry, and at vergenmuch damage done by small streams
with regard to bounties, under the
act of July 86, which is most important, it provides that claims therefor,
must be presented before next September.

House.

Washington.—The President, to-day,
nominated Thomas 8. Wilson, of Californias, United States Minister to Copenhagen.

The President replied, to-day, to the
Heavy gales and a rain storm prevailself Count Dandolo in 1816. Vicenzio
Dandole was born at Venice in 1758, and
in 1819. His name is immortal,
died in 1819. His name is immortal,
but he subject the ployd the project of the work. I am very
duel in 1819. His name is immortal,
but he subject to the Lord to have blessed me
with such co-laborers as I now have."

London.—There is reason to believe
that the Ministry in the forthcoming
budget will reduce the army and navy
nominated Thomas 8. Wilson, of Californias, United States Minister to Copenhagen.

The President replied, to-day, to the
House resolution, calling for the correspondence with the Government of
Gireat Britain vesterday;
much damage done by small streams
overflowing their banks. Several mathe district of the work. I am very
died in 1819. His name is immortal,
but he subject to the Lord to have blessed me
with regard to bounties, under the
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with such colleges of the project of the work. I am very
died in 1819. His name is immortal,
but he subject to the Lord to have blessed me
with such colleges of the present century sectionally
related to impreve the practices of
seriouturists. A competent chemist,
but he project of the training of the present century seriously
related to impreve the project of the work of t A reinforcement sailed last week for Havana.

London.—The Grand Jury have found true bills of indictment against the Directors of Overend, Gurney & Co., limited, for conspiracy to defraud the shareholders of the Company.

Madrid.—The Papal Nuncio departed from Madrid last Sunday on his way to Rome; but explanations have been made by which he has been induced to return, and he was, to-day, received by the Governor of the city, and conducted to his official residence.

been given to a kind of cocconery, as it was conceived and constructed by him. Comprehending that the worms are in need of a pure and incessantly renovated air, he disposed apertures to take in that air, outwardly, by means of trapdoors, which could be opened and shut at will. Dandolo placed a stove in the room, and several fire-places. But, though excellent for that time his aystem solved the question only in part—the ventilation is established by too numerous hearths. The outward air may be too warm, too cold, too dry, too damp,

> cess, to introduce more order in the dis-tribution of food, more space in the nurseries, and a certain amount of ventilation. He had touched upon all cases which required a larger reform, but he did not know or did not dare to undertake that reform." However, the name of that noble Venician ought to be inscribed among the most illustrious seri-

In 1826, an obscure southern French-man, starting from a collection of letters written by Catholic missionaries in Chitissues. This invention contributed so na, having bestowed his labors on Olimmensely to the prosperity of her country, that she was placed among the Chinese divisities and salvages works in order that he might study Dandolo's vier de Serres and Sauvages' works in order that he might study Dandolo's theories and surpass them, undertook three difficult even prodigious tasks:—namely to revive and experiment again upon all practices known or tried in sericulture, in order to apprediate them; to transform sericulture, which was before him an empiric industry, into a totally rational one; to realize Henri IV. and Olivier de Serres' thought that is to say, to extend silk husbaudry to the northern provinces, that a sufficient described in the star, please copy.

Mill. Star, please copy.

In the 2d Ward, Salt Lake City, November 27 Mary Hughes, mother of T. W. Winter. Deceased was born at Exter, Devonshire, England. She was baptized in March, 1844, at Bath, England by Elder Thomas Smith; received her Patriarchal blessing under the hands of Patriarch 19 John Albiston, August 19th, 1844; and emigrated to this Territory in October 1854. She was highly respected by all who knew her. Also, on November 28th, Elijah Joseph, son of T. W. and Johanna Winter, aged I year, 7 months and 7 days. The funeral of both of the above took place from the 2d Ward on Sunday to the 29th, and wasattened by a large concourse of relatives and friends.—Com.

Mill. Star, please copy. northern provinces, that a sufficient quantity of material might be raised in France, to give employment to its important silk manufacturers.

tute des Bergeries de Senart, in the vici-nity of Paris, where numerous students even from every country of Europe, even from India, to listen to his valuable instructions. The Professor found an able auxiliary in Mr. d'Arcet, a scientific gentleman of the first order. The fic gentleman of the first order. The problem to be solved was how to realize a very valuable innovation, imperfectly discovered during the eighteenth century—I mean forced ventilation. It is the principle, itself, of a salubrious the principle, itself, of a salubrious nursery; it is realizing the prophetic words of an old sericulturist:—"Silkraising will perhaps become some day the most sure crop, a business where the least shall be left to chance."

Correspondence.

BRIGHAM CITY, Jan. 31, '69. Editor Descret News:-Notwithstanding ve are surrounded by many indications to suddenly become a railroad town, the spirit of the gospel is nowise restrained in its usual bearings, among which are "peace on earth and good will to man." We have Constantinople by two monks, is a popular one. But, to a reflecting mind it is difficult to comprehend how these two men, coming on foot from China, could present healthy eggs to the Emperor Justinian. That they came, perhaps, from a less remote country, is the opinion of Mr. de Gasparin a high European authority. A Byzantine writer attributes that celebrated importation to a Persian. Be that as it may, the breeding of silkworms spread very slowly in Europe.

Silk manufactures were founded at Athens and at Corinth, in Greece; and from thence sericulture was introduced into Sicily and Naples, and lastly into

> We are indebted to Elder Wm. Clayton for the following extract from a letter to him by Elder Karl G. Maeser, dated Zurich Switzerland, December 23rd, 1868.

"Inasmuch as the business and many various duties, through the rapid increase of this mission, kept increasing upon me to such an extent, that not only my health began to be seriously affected by it, but many things also had to be done in a greater hurry than it was for the interest of the work, I have called Bro. Heber Young to seek

Samer yesterday, comparing him to the trainer Silded.

Wilson introduced a joint resolution to submit to the right to the legislatory of the several production of the constituent of th

SCANDINAVIA .- By letter from Elder Jesse N. Smith to President George A. Smith, dated Copenhagen, January 4th, we learn that all is well with him and the work is progressing in Scandinavia.

the kidneys, George Fowler, aged 60 and 20 days.

He was President of the Wolverhampton branch, England, before emigrating, and was esteemed by those who knew him in England, and in this Territory. In Bountiful, Davis Co., on Wednesday even-ing January 27th 1869, Elder Thomas Salcombe

In Bountiful, Davis Co., on Wednesday evening January 27th 1869, Elder Thomas Salcombe, aged 75 years and 8 months. He was a native of Gloscestershire, England, where he embraced the gospel about twenty-two years ago, and emigrated to these valleys last fall.

During the whole of the time he was connected with the Church in England he was ever ready to listen to and obey counsel, was a faithful observer of the Word of Wisdom, and daily manifested his faith by keeping open his house and administering to the wants of the traveling priesthood. Many of the elders of Israel who have received succor at his hands will remember him and his faithful companion and be glad to know that he kept the well spent life in the kingdom of God. At his funeral, addresses were delivered by Bishop John Stoker and Elders Barlow and Thurgood, at the close of which the body was committed to its mother earth there to rest till the angel trump shall sound when the dead shall be raised to immortality and eternal life.

Mill. Star, please copy.

Mill. Star, please copy.

At Pine Valley, January 11th, 1800, of scarlet fever, Mellissa Jane, daughter of Israel D. and Susan E. Alpine, aged 6 months and 14 days. The name of Charles Beauvais, already known to the numerous readers of the NEWS, has been immortalized by his silk reform. This reform includes various beneficial innovations which can be resumed by these two words Salubrious Cocoonery. (magnanerie salubre). It soon founded the silk Institute des Bergeries de Sengri, in the vicis latter part of September, and has since resided the most of the time in West Jordan Ward, where he noted for some time as President of the High Priests Quorum of that branch of the

## Special Motices.

HOODS, NUBLAS and SCARPS, in large quantities, of the latest styles and VEBY CHEAP at F. A. Mitchell Exchange Buildfor sale at J. D. Lyon Plasterer, 12th

The advertisement of the noted dry goods firm of Bowen, Whitman and Winslow, of Chicago, in to-day's issue, should be read by all in all who conclude to favor this firm with their orders may depend upon being dealt with in the most satisfactory manner. Their goods are' first-class quality and their prices are such as to defy competition. All who design investing in this branch of manufacture can not do better than pay a visit or send their orders to Bowen, Whitman and Winslow,

The new seedling potatoe "Climax" sold by Hovey and Heffron, of Chicago, whose advertisement is in another portion of our columns ill commend itself to the attention of the ardners and farmers of Utab, who should lose no time in introducing into our markets this really splendid vegetable. It is a seedling of the "Early Goodrich," matures early, and for size and productiveness is unsurpassed. It has a stout erect stalk, of full medium beight, internodes of me dium length, and very large leaves; the tuber is about medium in size, quite smooth, in form of a short cylinder swelled out at the centre, does ionally slightly fistiened and terminating rather abruptly; eyes shallow sharp, sometimes swelled out or projecting, and always strongly defined; skin medium thickwhite; flesh entirely white, solid, heavy, brittle and never hollow, and it bolls through quickly with no hard core at centre or stem, is mealy of floury whiteness, and of superior table quality. The price per pound of the Climax is \$3. Not more than five pounds will be sent to one person. The "Climax" and the "Early Rose" can be obtained at the horticultural and seed warehouse of Hovey and Heffron 57 State St.,

The merchants and people of Utah are requested to read the advertisement, in another portion of our column, of the celebrated more manufacturers J. F. Rathbone & Co., of Chicago. This is one of the oldest and most reliable

# NEW ADVERTISEMENTS

Last Appearance but Three Of the Distinguished Lyric Artiste, MADAMI SCHELLER

**GREAT DISTRIBUTION OF CHARACTERS** 

JIG and BONE SOLO, by Mr. PERKINS.
HIGHLAND FLING, by Miss CLIVE,
SCOTCH CHARACTER SONG Mr. DUNBAR. TO-MORROW EVENING.

Child of the Regiment, and Slasher and Crasher. FRIDAY EVENING, Benefit of the Scenic

MR. J. QUIDO METHUA. DOORS OPEN at 614 o'clock, Performance

THE FAVORITE ACTRESS. From the Australian and California Theatres, is Engaged, and will shortly appear.

The Railroad Hotel FEED STABLES. BRICHAM CITY

H. P. JENSEN is now prepared to accommodate TRAVELERS and ANIMALS, at the BEST HOUSE and STABLING in BRIGHAM CITY,

At the lowest possible rates, and always ready to accommodate. Associated

GOOD BLACKSMITH SHOP

HOUSE!

Eagle Emporium

IMMENSE LOT

Lately advertised to arrive, which makes

OUR STOCK

MOST EXTENSIVE

Stoves and Stove Furniture Owing to which, we are enabled to offer

IN THE TERRITORY:

Special Inducements

eving Machine Manufacturery, Engi-CASH AND PROMPT TIME BUYERS.

and the foreign and placed the second control of the least of

Country Dealers Speccially invited to call.

the March some Come Att to 184