FACTS AND COMMENTS.

years the United States has produced in the aggregate 20,131,471 bales of cotton, 914,500,000 pounds of wool, 1,713,-922,899 bushels of wheat, 5,816,214,440

In the cabooses attached to freight trains on the Eric railroad there is placed an automatic contrivance called the "tell-tale," which registers all the stoppages and the rate of speed over every foot of the road. Freight trains are not allowed to run more than fifteen miles an hour, and if this speed is exceeded the fact is at once disclosed on inspection of the apparatus.

The wife of a clergyman in Des Moines, Ia., has a Sunday-school which is not attended by children, as might have been supposed, but by "business men, professional men and thinkers." The class has become so large that it has been found necessary to take it into the body of the church, where it forms a small congregation of itself. This looks very much like the wife's running an opposition to her husband.

Carelessness, says James Harrison, secretary of the New York underwriters' bureau of survey, is the great cause of fires. In seven years, 1874 to 1880, inclusive, New York city had 6,188 fires. larized light: Break off a plate of ice Two out of five, 2,579, were due to hot and hold it between the sky and a pool ashes, pipes, cigars, matches and candles; nearly another fifth, 938, sprang from foul chimneys, 477 from defective flues, and 578 from kerosene lamps. Extra-hazardous inflammable materials lead to comparatively few fires.

The alarming statement is now made, on the authority of a New York physician of more than forty years' practice, that for the first time in the history of that city true spotted typhus fever, which only originates where great filth abounds, has made its appearance without being traced to importation in the shape of ship fever. This is an announcement which is well calculated to intensify the excitement regarding the terrible filth of the streets of metropolis.

Since the assassination of the czar extraordinary precautionary measures have been taken to secure the safety of Queen Victoria while traveling by railway. During a recent journey to London a train of empty carriages was run about a quarter of an hour in advance of the queen's special train, which it piloted throughout the trip from Windsor to Paddington, while the entire distance between the Windsor terminus and the metropolis was guarded by platelayers stationed at regular intervals along the route, and well within sight of each

An interesting paper has been recent-ly read by Dr. Phene, at Edinburg, on the benefits to be derived from planting trees in cities. Among the beneficial results to be attained are, he stated, the relief to the optic nerve through the eye resting on objects of a green color. Just that which is effected by the use of green or blue glasses in strengthening and sustaining the power of sight is attained, or at any rate much aided, by the presence of green in nature; and opportunity exists nature provides green and blue (the latter being the same color minus the presence of yellow), and that as the absence of color produces snow blindness, and in tropical calms, where the ocean presents only a white reflected light from a uniform glassy surface, face, reduced optical power soon follows a long continuance of the absence of blue color, which becomes immediately apparent on motion of the waves.

They have in Vienna an organization for the preservation of the public health which watches closely the articles sold for food, and from time to time has samples chemically analyzed. Investigations of this character were conducted on an extensive scale during the past | least, year. Of milk, 950 specimens were analyzed. Most of it had been skimmed and diluted with water; some had come from diseased cows, and some was thickened with borax, soda and soap. Butter was analyzed to the extent of 310 samples. All of it contained an excessive proportion of water, and much of it was adulterated with fat, lard or stearine. Lard coming from America and Hungary had borax and lime. Of 1,190 Artificial coloring matter and excessive proportions of water were found in many. Pilsner beer contained sods and Vienna beer glycerine. Of liquors, seventy-two had traces of arsenic or topper, besides injurious flavoring and perfuming ingredients. Ground coffee was mainly roasted grain, acorns and chicory. Even bread was badly adulterated.

The Jeannette search expedition to the Arctic ocean is expected to sail from San Francisco soon. It will be remembered that when the Jeannette sailed, her commander arranged with the navy department to leave records of his cruise at certain points. One of the chosen places is the southeast corner of Wrangel island, and the first stop on the search will probably be made there about the first of Angust. If no message should be found at that point, the expedition vessel will proceed to Herald island in the hope of finding there some trace of the missing steamer. The search along the coast of these two islands will probably take two months, when the Arctic winter will begin.

The searching party will then find a secure harbor at Wrangle island, and, if this is not possible, cross over to Siberia | ical fuel than wood can be grown by eral constituents of the soil, and aids in and go into winter quarters there. prairie farmers, but doubt if corn During the winter sledge parties will be organized and sent out in search of news of the Jeannette. Captain Berry, who will command the Helen and Mary, will be governed entirely by the information he may receive after reaching the Arctic regions. His orders are not to stay north more than one winter, but to prosecute the search after spring opens in 1882, and remain until the winter sets in again, and then return to San Fran- of sunflower abounds in oil of a very

It is proposed to hold in London during the first week of next August an international medical congress, and the mate. arrangements are already sufficiently adplace, h vanced to warrant the belief that it will exactly resembled a grove of young forbe the largest and most important gathesis trees. The stalks were stout and perform one of the most important officering of the kind ever held. Four thousard traight as young poplars, and shot up ces, the decomposition of organic matter sand invitations have been sent out to to a height of from twelve to fifteen medical men in all parts of the world, and the responses indicate that at least half this number will attend. Some of the most eminent men in the profession in England are taking an active interest in the proposed congress, which will be test cough remedy ever introduced.

presided over by Sir James Paget, and of which the queen and Prince of Wales During and including the past four have consented to be patrons. Four general addresses will be given by as many men of distinguished international reputation, representing France, Germany, America and England. Pro- sowing those intended to raise a crop. It bushels corn, and has exported \$46,- fessor Huxley, who is a member of the is but little trouble to test seeds in 806,331 in live stock and \$1,427,317,292 Royal College of Surgeons, as well as a vance, and it frequently happens that by man of science, has accepted the respon-sibility of delivering the English ad-avoided. No one wants to sow seeds the discussion and papers will embrace, perhaps none will excite a livelier interest than military surgery and medi-The chief subjects under this cine. head will be the hygiene of armies and pots is all that is required for testing fleets, the health of soldiers at home and abroad, and the best means of extending cient to insure growth. It is always well to field and other temporary hospitals to note the proportion of seeds that the recent improvement in the treatment of wounds and injuries by what is called thin they should be sown in the garden to the accumulated evidence of those the antiseptic method.

POPULAR SCIENCE.

M. Shvedoff endeavors to maintain in the Journal of the Russian Physical and Chemical society that hail is of cosmic origin and is a variety of meteorites.

A German chemist has established the valuable fact that wood impregnated with parafine oil is preserved for many winter on three bushels a day of sliced years from rot, even under circum-stances most favorable to decay.

A correspondent of Nature gives the following natural experiments with poof water. Its reflected image will show the beautiful colors due to polarized light. The incident rays should come from a part of the sky about ninety degrees from the sun, and reflection should take place at the polarizing angle for water, and the plate will probably require adjusting to bring out the 153 pounds of water and twenty-seven maximum effect.

Statistics show that since 1854 there has been an increase of risk from lightning in various parts of Germany, Austria and Switzerland, while there is no corresponding increase in the number of thunder-storms. Herr Holtz, who has been investigating this matter, inclines to the belief that the causes for the greater liability of danger from lightning are to be sought in the changes produced of late by man on the surface of the earth; such as the clearing of forests, the increase of railroads, and the great use made of iron in the construction of houses.

A report by Dr. H. Trimen, of Ceylon, on india rubber, states that the plant which produces the Ceara rubber is very hardy, and will grow in a dry, rough soil and in a moderate dry, hot atmosphere, while the Para and West India rubber plant require a rich alluvial soil and a constantly hot, moist a mosphere. The tree grows to a heighs of about thirty feet, and has a dense rounded crown. In two years it attains a diameter of four or five inches, when may be tapped. The cultivation of this tree will reduce the price of rubber to a reasonable rate.

M. Chappuis thinks that the blue of the sky may be due to ozone present in the upper regions of the sky. He argues that the electrical discharges constantly taking place will produce ozone; and the recent researches of himself and M. Hautefeuille have shown that ozone, at any rate when near its condensed point, is of a blue tint. He has examined the in streets the only method to procure this result is by planting trees. It was pointed out by the author that wherever which correspond with known bands in the telluric spectrum.

WISE WORDS.

Fortune unmasks men.

A boaster's virtues are on the sur-

It is the worst wheel that squeaks the most.

Better three hours too soon than one minute too late.

Experience is the name men give to their follies or their sorrows. Discontent is the want of self-reli-

ance, it is the infirmity of will. Good breeding shows itself most

where to an ordinary eye it appears the

Stay not until you are told of opportunities to do good; inquire after

The worst education that teaches selfdenial is better than the best that teaches everything else and not that, Opportunities are very sensitive things; if you slight them on their

Self-respect is the noblest garment the mind can be inspired.

The law of the harvest is to reap you reap a habit; sow a habit and you you reap a destiny.

We perhaps never detect how much of our social demeanor is made up of artificial airs until we see a person who is at once beautiful and simple; without the beauty we are apt to call simplicity awkwardness.

A cheerful temper, joined with innocence, will make beauty attractive, knowledge delightful and wit good-natured. It will lighten sickness, poverty and affliction, convert ignorance into an amiable simplicity and render deformity itself agreeable.

Sunflowers for Fuel. Says the Nelsonville (Minn.) Mountuineer: The Emerson International publishes an article headed "Corn for Fuel," and gives an extract from the soil. It is thought to neutralize the Jackson Republican showing that for can be made a success in this country. We recollect seeing an article some time ago recommending the growth of the common garden sunflower for purposes of fuel, and at the time were an important feature. Upon heavy clay much impressed with the arguments ad-We believe that some such vanced. rapidly growing and bulky vegetable as the sunflower is the true solution of the | the leading effects that follow the use of fuel question in this country. The seed lime. In view of the claims made for combustible nature, and the stalks burn freely. An immense quantity can be grown to the acre, and the plant is thoroughly adapted to our soil and cli-Mr. William Cowan, of this place, had a patch a few years ago that help the mechanical texture of the soil,

The popular verdict is generally the right one, and concerning Da. BULL's Couon Syaus the people have long since decided that it is the

THE FARM AND HOUSEHOLD.

Test the Seeds.

Every farmer and gardener should personally test the seeds he puchases, as well as those he saved last year, before In the vast range of topics which that will not grow, because if the first put in the ground fails, the season will usually be too far advanced before the failure is discovered for a re-sowing or planting. A few shallow boxes or flowerseeds in a house where the heat is suffisprout in order to know how thick or or field. If the seeds start freely in the whose practice runs through many house, and fail when sown in the field, years. In nothing more easily than in then the farmer can blame the soil, manner of sowing, or the weather, and not be ascribed to the wrong cause, and when the seeds of the seedsman who sold them. - New York Sun.

Pork in Spite of Chemistry. Chemistry has misled many people in regard to the feeding value of roots. We wintered eight old hogs the past mangels, and they grew all the time. At the end of four months one of them was taken out of the pen and slaughtered, and it was a fine porker. It was fat, and the flavor of the meat was most excellent. This hog had nothing else to eat for four months but its part of the three bushels a day of mangels. A bushel of mangels weighs sixty pounds, and three bushels would therefore weigh

180 pounds. According to the wisdom of chemistry, eighty-five per cent of the 180 pounds would be water, making pounds of something else. Chemistry plate. also informs us that mangels contain but about five per cent of sugar, which is the fattening property, therefore the eight old hogs grew fat on twenty-seven pounds a day of sugar, woody fiber, etc.; or, in other words, eight hogs lived all winter and got fat on nine pounds a day of fat-forming material. This would give an average of one pound and oneeighth to each hog to live and grow fat upon. These hogs would average if dressed over 200 pounds, so that there were eight lives sustained during a the choicest kind of pork made ready for market, on nine pounds daily of saccharine matter. Great is sugar, but greater is chemistry.—F. D. Curtis, and they are ready to serve.

Transplanting. In order to insure plants against wilting when transplanted, they may be grown, says the New England Farmer, in pots, but this involves a good deal of expense, and a simpler method is in use among the gardeners for moving such tender plants as cucumbers, melons, summer squashes, Lima beans, etc. The plants are pricked out under glass, in groups of four plants each, the hills being nine inches square, or thirty-two to a sash. When grown so as to require transplanting, which will be in about two weeks, or by the time they begin to run, have the ground ready for them, and wet them down well over night, so that the earth will cling to the roots. Have ready a few square rings of sheet zinc, nine inches square, made by folding a strip of zinc three inches wide and three feet long into a nine-inch square prism, without top or bottom, and soldering the edges together. Take a ring and press it down into the earth around one of the hills; then run a spade under it and lift the hill, ring and all, on the spade and carry it to its destination, where a hole is made with a hoe to receive it; place the cluster of plants on the spade in the hole, draw the earth around the ring, and remove first the spade, then the ring, and the work is complete. These tender plants cannot be transplanted safely to the open field much before June 10. But ncumbers are transplanted thus under glass whenever the glass is ready for them. In transplanting vines choose a hot day, and avoid rainy, cold weather. If well moistened before transplanting, and carefully handled, they will not wilt much, but may need a little shade for a few days. The transplanting of celery, cabbage and cauliflower plants is simple and easy enough in the cool, moist weather of early spring, but in the | bright. hot weather of midsummer requires some skill. Much depends in having the land in which the plants are to be first visit you seldom see them again. set thoroughly fine; if coarse or lumpy it is much more likely to dry up and specimens of Hungarian and Austrian with which a man may clothe himself- destroy the plants. Choose, if possible, wine fifty-two were artificial concoction. the most elevating feeling with which a cloudy day after rain, but if this can't be done, and if the weather is dry and hot, the plants must be watered. Keep more than you sow. Sow an act and the roots wet while setting them, and water every day till they grow or till reap a character; sow a character and rain comes. This is laborious work where large fields are set, but is often the only way to be sure of a crop. make the earth fine for setting plants it may be threwn into drills with a plow and then raked down; or if it is desirable to set the plants low, as in the case of celery and cauliflowers, the rows are

> Why we Use Quick Lime Upon the Land. All cultivated plants contain lime in their ashes, and it is considered necessary to their proper growth But as soils generally contain enough lime, and we apply it for its action upon the soil, lime acts upon and greatly aids the decomposition of organic matter in the organic acids contained in what are It also acts upon the inorganic or minconverting them into forms in which they can be taken up by the plants, especially in liberating potash from its combinations. The effect of lime upon the mechanical condition of the soil is soils its effect is most marked; the particles lose their adhesiveness, and allow air and water to enter. These are ground, unburned limestone, it is an important question how far it can produce the above effects. That the unburned limestone will supply the demands of the plant for lime, that it may slowly neutralize organic acids, and seems very probable. But that it will in the soil, and convert that into plant food, seems improbable, because the ability of lime to do this depends in a great measure upon its avidity for car

New York Herald.

of lime is shown by the well-known fact that soils underlaid by limestone, and naturally containing a large proportion of finely divided carbonate of lime, are Pratt has been minister for twenty-five years. His chorister has started the tunes for thirty years or more, his dea-cons have held office, one for forty years as much benefited by the use of quicklime as are soils deficient in limestone. and the other for twenty years, the Sun-The advertisements of ground limestone day-school superintendent has presided that we have seen make great use of the sixteen years and one of the teachers experiments of one person in Pennsylhas taught fifty-two years. vania, who states that his yield of wheat, treated with ground limestone, was more than doubled that to which slacked lime

have found it a much cheaper fertilizer than lime and bone dust, and more profitable than guano and superphosphate Mrs. Amelia Lewis asserts in Food and These statements have been sent by several who ask our opinion. Our ed in oleomargarine factories, and that "opinion" is that we do not accept as final the results of any one experimenter, value of every ox killed. when they are in direct opposition

agricultural experiments can an effect we see the fertilizing value of ground limestone placed above guano or super-

phosphate, we do not accept it .- - Ameri-

ROLL JELLY CARE. One cup of whi sugar, three eggs, one teaspoonful cream tartar mixed in a cup of flou half a teaspoonful of soda in two table spoonfuls of sweet milk; stir well and bake in spare tins. When done spread with jelly and roll while warm. CRACKER OMELEL.—Best four egg and add a teacup of milk into which hi been stirred one tablespoonful of pound ed cracker and one even teaspoonful flour; stir it well and pour on a wel buttered griddle, not too hot; turn as soon as it will do, and then fold over twice and turn it on to a war BLIND BIRDS.—Take a piece of bee

steak as large as your band and spread it on the table, cut a piece of bacon large as a finger and lay it in, then eu some onions fine and spread them ove salt and pepper it to taste, add a pinch of juniper berries, roll it up and tie it with some thread so it will not open, stew and fry an hour.

Checse—State Pactory.

Sklims.

had been applied. He also claims to

Recipes.

can Agriculturist.

POTATO SLAW, -Boil potatoes, peel them and slice fine, take a small piece of bacon and let it fry out, then slice a few onions and let them fry till a light very cold winter, with the power of brown, put a spoonful of flour in and locomotion, and over 1,600 pounds of let it get yellow, then pour in a little water and vinegar, and then sprinkle salt and pepper over the potatoes and raw onions, pour your sauce over them

OAT MEAL CAKES,-Place one pound of oat meal in a bowl; in one pint of boiling water drop about half an ounce of butter or salted lard; pour this boiling over the meal, stirring it as quickly as possible into a dough; turn out on to a bread board : roll it unil as thin as it can be and hold together; cut into small, round cakes and bake on a griddle, first one side and then the other.

Household Hints.

After buttering your cake tins scatter little flour over them and the cake is absolutely certain not to stick to the If your oven is likely to bake hard at the bottom put a paper in the bottom of the tin. Butter it well first.

Cellars thoroughly treated with whitewash made yellow with copperas will not be considered desirable habitations for rats and mice.

When washing fine laces do not use starch at all; in the last water in which they are rinsed put a little fine white sugar, dissolve it thoroughly, and the result will be pleasing.

To brown sugar for sauce or puddings, put the sugar in a perfectly dry sauce-pan. If the pan is the least bit wet, the sugar will burn and you will spoil your

When putting away the silver tea or coffee pot which is not used every day, lay a little stick across the top under the cover. This will allow fresh air to get in, and will prevent mustiness. It will then be ready for use at any time, after having first been thoroughly rinsed with

boiling water. Nothing is better to clean silver with than alcohol and ammonia; after rubbing with this take a little whitening or a soft cloth and polish in this way; even frosted silver, which is so difficult to clean, may be easily made clear and

An inmate of the Union Home for Old Ladies in Philadelphia has distinguished herself by making a bedquilt of 55,552 pieces. Though blind she threaded every needle herself. The task took three years and 100 spools of thread.

[Mondovi (Wis.) Buffalo Co. Herald.] Notions of the First Settlers.

Mr. W. H. H. Amidon, one of the first ettlers in the town of Gilmantown, Wis., and one of the most industrious and hard-working men in the county, has been very severely troubled with rheumatic pains during the past few years, so much at times that he was disabled from performing manual labor. Learning of the wonderful cures effected marked first with the wheel marker, and by the use of St. Jacobs Oil he procured the spots where the plants are to be set a few bottles, and experienced immedimade fine by chopping with a hoe .ate relief. Many others of our acquaintances have used it, and express themselves as highly gratified with the relief it has afforded them. This king of medicines can be bought everywhere.

At the recent session of the Central Pennsylvania Methodist conference one presiding elder condemned the holding of large and expensive camp-meetings, and of closing the gates on Sunday. Another said he had refused to attend a camp-meeting whose authorities had refused to close its gates on the Sabbath.

[Cincinnati Irish Citizen.]

Mr. John Miller, of 54 West Fifth street, tells us that he was cured by the use of St. Jacobs Oil of a complicated case of rheumatism of ten years' stand-

Over 80,000 buffalo have been killed n Montana within the past six months, all but some 20,000 being slain for their hides slone, which bring from \$2.25 to \$2.75 each. Men in the fur business say that this wholesale slaughter is rapdly making the buffalo extinct.

Remedy for Hard Times. Stop spending so much on fine clothes, rich food and style. Buy good, healthy food, cheaper and better clothing; get more real and substantial things of life every way, and especially stop the foolish habit of running after expensive and quack doctors or using so much of the vile humbug medicine that does you only harm, and makes the proprietors rich, but put your trust in the greatest of all simple, pure remedies, Hop Birrhas, that cures always at a trifling cost, and you will see better times and good health. Try it once. Read of it in another column.

bon 5 acid, while limestone, being already a carbonate, has no need of more. That limestone cannot produce all the effects

Dorset, Vt., is conservative. Pastor

Don't Pour Alcohol on the Fire. And don't take anything that has alcohol in to help inflamed kidneys. Wanner's Sar Kinsey and Lavin Cone is purely vegetable and acts directly upon the kidneys and liver.

Health that nearly \$15,000,000 is invest-

For over thirts, four years

DR. TOBIAS'S VENETIAN LINIMENT
has been warranted to cure Group, Celle, Rpasma,
Diarrhea and Disentery, taken internally, and Sore
Throat, Pains in the Limbs, Chronic Rheumatism,
Old Sores, Pimiles, Blotches and Swellings, extennalls, and not a bottle has been returned, many funlies stating they would not be without if even if it
was \$10 a bottle, Sold by drugglets at 25 and 50
cents. Depot. 42 Murray Street, New York.

THE MARKETS.

	NEW YORK,	0
	BastCattle Mad Var ties and 11 on Till	ì
	Calves—Poor to Prime Venls. 5 66 854	150
to	Sheep 5 % 7	I
of	Lambs 5% & 754	
	Hogs-Live 6 6 6 63	3
u,	Dressel, city 75476 752	.**
6.	Flour-Ex. State, good to fancy 4 70 on 6 50	
ad	Western, good to fancy, 5 00 @ 8 00	
nd	Wheat—No. 2 Red 1 23 66 1 2354	- 5
	No. 1 White	t
	Eve-State 1 0012 1 0012	0
gs.	Barley-Two-rowed State 80 66 80	13
11.55	Corn-UngradedWestern Mixed 53* con 58*4	f
d-	Southern Yellow 551 66 5512	1
of	Oats - White State 40 66 51	ţ.
11.	Mixed Western	10
-	Hay-Medium to Prime, Tim'y 1 00 65 1 15	ī
it	Straw Long Rye, per cwt 1 05 66 1 10	1
it	Hops-State, 1880	
m	Pork-Mess, old, for export16 00 56.16 50	4
_	Lard—City Sicain	11
	Refined	1
f-	Petroleum—Crode 65, 26, 75	10
ıd	Refined 8 65 8	-
as	Butter-State Creamery, new, 15 % 34	500
ut	Unity	
300	Western Im. Creamery 20 65 27	,
r,	Factory	18

BUTTALO, Steers Extra 5 35 @ 5 75
 Steers - Extra
 5 35
 62 5 75

 Lambs - Western
 5 25
 65 5 49

 Sheep - Western
 5 00
 6 5 25

 Hogs, Good to Choices Volkers
 6 15
 66 6 25

 Flour - Cy Ground, No. 1 Spring
 5 25
 65 77

 Wheat - No. 1, Hard Duluth
 125
 66 125

 Corn - No. 2 Mixel
 38
 39

 Date - State
 37
 62
 38

 Barley - Two-rowed State
 85
 66
 99

Beel	Western Mess	10 60	62	10.51	
Hogs - Live	6	65	73		
Hogs - City	Dressed	84	66	84	67
Pork	Extra	Prime per bil	12 50	62	30
Flour - Spring	Wheat Patents	6 50	62	8	01
Corn - Mixed and Yellow	61	62	62	4	
Dats - Extra	White	48	25	52	
Rve - State	1	15	66	10	
Wool - Washed Comb & Delaine	44	62	43		
Unwashed	30	65	32		

WATERTOWN (MASS.) CATTLE MARKET. | WATERTOWN (MASS.) CATTER MARKET. | Beef Cattle—Dressed weight | 4 (% Sheep | 61 495 | Lambs | 51 46 | Hogs | 5 6 (% Sheep | 61 495 | Hogs | 5 6 (% Sheep | 61 495 | Hogs | 5 6 (% Sheep | 61 495 | Hogs | 5 6 (% Sheep | 61 495 | Hogs | 5 6 (% Sheep | 61 495 | Hogs | 5 6 (% Sheep | 61 495 | Hogs | 5 6 (% Sheep | 61 495 | Hogs | 5 6 (% Sheep | 61 495 | Hogs | 5 6 (% Sheep | 61 495 | Hogs | 5 6 (% Sheep | 61 495 | Hogs | 5 6 (% Sheep | 61 495 | Hogs | 5 6 (% Sheep | 61 495 | Hogs | 5 6 (% Sheep | 61 495 | Hogs | 5 6 (% Sheep | 61 495 | Hogs | 5 6 (% Sheep | 61 495 | Hogs | 5 6 (% Sheep | 61 495 | Hogs | 5 6 (% Sheep | 61 495 | Hogs | 5 6 (% Sheep | 61 495 | Hogs | 5 6 (% Sheep | 61 495 | Hogs | 5 6 (% Sheep | 61 495 | Hogs | 5 6 (% Sheep | 61 495 | Hogs | 5 6 (% Sheep | 61 495 | Hogs | 5 6 (% Sheep | 61 495 | Hogs | 5 6 (% Sheep | 61 495 | Hogs | 5 6 (% Sheep | 61 495 | Hogs | 5 6 (% Sheep | 61 495 | Hogs | 5 6 (% Sheep | 61 495 | Hogs | 5 6 (% Sheep | 61 495 | Hogs | 5 6 (% Sheep | 61 495 | Hogs | 5 6 (% Sheep | 61 495 | Hogs | 5 6 (% Sheep | 61 495 | Hogs | 5 6 (% Sheep | 61 495 | Hogs | 5 6 (% Sheep | 61 495 | Hogs | 61 495 | Hogs | 5 6 (% Sheep | 61 495 | Hogs | 6

 Jats - Mixed
 43 \ \phi \)

 Jutter - Creamory Extra
 34 \ \phi \)

 Jheess - New York Fall Cream
 13\(\frac{1}{2}\)
 Petroleum Crade...... Refined.....

Ensilage

SILOS

Civing My Practical Experience. Also the Practical Experience of

Twenty-five Practical Farmers With Ensilage and Silos.

GIVING their experience of feeding stock of all kinds with Enshage, and the tractical results, conclusively showing the undoubted success of this increase—the Enshage of Green Forage Crops. By this process the farmer can realize the dollars in phase of one dollar, as practiced by the oil system of darming. Also wonderful systemized to the collar route, also wonderful systemized of feeding routing at one-half the usual cost, on Enslage.

This book centains 120 pages, elegantly bound in cloth.

Every One is Pleased With It as being the most thorough and practical work ye published on this subject, and all are surprised at the

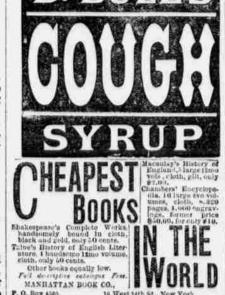
ery low price.

For sale at all bookstores, all general stores and all news depots in every city and town IN THE UNITED STATES.

If the work cannot be obtained of them, send for Price of Book, 50 Cents. By Mail, 60 Cents.

Send Postoffice Order if convenient Address

H. R. STEVENS. Boston, Mass.



Rooms 53 to 61 Horeel Building. No. 115 Brondway, New York. Stock Orders executed at all Exchanges. IMPLOYMENT—LOCAL OR Traveling hat the White preferred. Alex SALARY per month. All EXPENSES advanced. WAGES promptly paid. SLOAN & Co. 206 George St. Cinciunati. C. SIX WHY WASTE MONEY: Young man or old.
If you want a Locurison incontracts. Seveng
CTS shockers or theory growth, the loc told
EXTROGRAPH the HARM survents don't be honologish
Tribe and ONLY HIS CHANGE IN J. 100 J. 100 J.
LET, Box 1600, Binnes, Man. Bewate of all nontrailure.

\$66 a week in your own town. Terms and \$5 out free. Add's H. HALLETT & Co., Portland, Main SCARCE GOODS.—Books, Photos, &c. Samp Catalogue, 3c. PARIS BOOK CO., Chicago, 1 8999 a year to Agents, and expenses. 86 Outfit free, Address F. Swain & Co., Augusta, Mo. \$5 to \$20 per day at home. Samples worth to tree.

A Good Account.

"To sum it up, six long years of bed-ridden sickness and suffering, costing \$200 per year, total, \$1,200—all of which was stopped by three bottles of Hop Bitters taken by my wife, who has done her own housework for a year since without the loss of a day, and I want everybody to know it for their benefit.

"John Weers, Butler, N. Y."

A little girl had been scolded by her grandmother. She picked up her little kitten, and, caressing it, said: "I wish one of us three was dead. And it nin't you, kitty, and it ain't me."

HAVE YOU READ IT? H. R. Stevens' Book on Ensilage, the preserving of green forage crops in allos, giving his own experience and the practical experience of 25 practical farmers; 120 pages, eleganity bound in cloth; price, 50 cents; sent by mail, 60 cents. Address H. R. STEVENS, Boston, Mass.

"Mentr Must Reap Irs Just Rewann."

Of the many Catarrh and Hay Fever remedies we keep in stock there is none of which our customers speak more highly than of Ely's Cream Balm, comparatively a new discovery, but one which, from the many reparts and evidences of cures produced, is destined to be a leading article. We have never handled a remedy which has increased so rapidly in sales or that has given such universal satisfaction.

G. N. CHITENTON, 115 Fullon street, New York, I am fully convinced that Liv's Cream Balm. C. N. CHITTENTON, H5 Fullon street, New York,
I am fully convinced that Ely's Cream Balm
is a cure for Catairth, Hay Fever, etc. Many
cures have been made among my customers,
Every one afflicted should give this, the best of
all catairth remedles, a trial, C. T. Kreny,
Druggist, Towanda, Pa.

Oct. 4, 1880.

Price, 50 cents. On recent of 50 cents will
mail a package free. Send for circular.

ELY'S CREAM BALM CO., Owego, N. Y. Indicestics, Dyspersta, nervous prostration Indicators, Dyspersia, hervous prestration and all forms of general debility relieved by taking Messcan's Performent Bure Tonic, the only preparation of beef containing its entire nutritious properties. It contains blood-making, force-generating and life-sustaining properties; is invaluable in all ente-bled conditions, whether the result of exhaustion, nervous prestration, overwork, or a cate disease, particularly if resulting from pulmonary complaints. Caswell, Hazard & Co., proprietors, New York.

Natural petroleum, deprived of its color and di-agreeable odor without distillation and the aid of acids or alkalies, is what the Camorane is made from. As now improved and perfected it is a beautiful preparation.

A FIRST-CLASS

SAFETY AND GOOD INTEREST.

SALINE COAL CO. OF HALINOIS,

TO BUILD EIGHT MILES OF RAILROAD

and other improvements. The officers and directors of the company are: F. C. HAVEMEYER, 117 Wall St., New York, Pres't. F. C. HAVEMEYER, 117 Wall St., New York, Pres't, P. CASEY, 51 Liberty St., New York, Secretary, WM. ALEX, SMITH, Banker, 40 Wall St., New York, EDWARD WHITEHOUSE, Banker, 25 Broad St., N.Y. ROBT, N. JACKSON, Banker, Middletown, Corn. ROBEL S. JACKSON, Banker, Middletown, Conn.
These are First Mortrano Henris covering propwhich has cost over one million deliars. The entiissue is \$2,50,000; \$100,000 mying been taken by
present stockholders. Placers only now for sale,
protection turns to imade for them, on or before Ar
25, 1881, as on that duy the allotment will be inat par or over, and with each \$1,000 bound there; to
be allotted, in paid-up stock \$5,000 bound there; to
calletted, in paid-up stock \$5,000 bound there
were per cent. per annum, Applications must be prome
made to

JOSEPH U. ORVIS & CO., Bankers. 30 PINE STREET, NEW YORK.

WEBSTER'S UNABRIDGED. If you intend sometime to get a copy of Web-ster's Unabridged Dictionary, "DO IT NOW."



See Webster's Umbridged, page 1161, giv-DEFINITIONS BY ILLUSTRATIONS. The pictures in Webster under the 12 words, Beef, Boiler, Castle, Column, Eye, Horse, Moldings. Phrenology, Ravelin, Ships, (neges 1164 and 1219) Steam engine, Tim-hers, define 343 words and terms far better than they could be defined in words.

New Edition of WEBSTER, has 118,000 Words, 3000 Engravings, 4600 NEW WORDS and Meanings, Biographical Dictionary of over 9700 Names. Published by G. & C. MERMAM, Springfield, Mass.

000 WILBOR'S COMPOUND OF PURE COD LIVER OIL AND LIME.

NOTICE! AS BLUE FLANNEL GARMENTS

are sold as the "genuine Middlesex," which are no made by that mill, The Middlesex Company, in order WENDELL, FAY & CO., Selling Agents, MIDDLESEX COMPANY

Of Inferior Quality of Goods

S6 & S8 Worth St., New York 1 37 Franklin St., Boston 1 214 Chestant St., Philadelphia.



Columbia Bicycle. Schil Form Signal THE POPE M'F'G CU., THE POPE LAND! LAND!! LAND!!

Over 1,000,000 Acres. Mild Climate. Productive Soil. Low Prices. East Terms. Special inducements to actual settlers. For maps, circulars, etc., diving particulars free, address THOMAS ESSEX, Land Commissioner, Little Rock, Ark.

Little Rock, Ark.
Sure relief ASTHMA.
KIDDER'S PASTILLES, Price Sidera, Stowell & Co.
Charlestown, Mess. RABIAN SKIN-TIGHTENER OR TONIC a removes wrinkles and Crow's feet Marks givings outhful appearance. Harmless, Sent, packed, for \$2 hs. In. J. C. Briggsoman, Box 3515, New Orleans, La 100D Salesmen Wanted to sell our first class I fast-selling goods on commission. A splendid ance to make money. Send stamp for terms and par-culars at once. Phoenix Steam Pub. Co., Warren, Pa.

\$350 % MONTH! AGENTS WANTED to sample free, Jay Bronson, Detroit Mich. A GENTS WANTED for the Best and Fastest Selling Pictorial Besis and Bibles, Prices reduced 31 yer ct. National Publishing Co., Philadelphia, Ps. \$ 7 7 7 AYEAR and expenses to Agents.
Outlin Free. Address
P. O. VICKERY. Augusta, Maine. MARYLAND FARMS, 87 to 825 per Acre. logue free. H. P. CHAMBERS, Federals YOUNG MEN Learn Telegraphy. Earn \$40 to \$100 paying offices. Add's Valentine Bros., Janeaville, Wis. 105 Lovely New Style Figral, Chromo & Acquaintanes Cards, 10 ets. G. W. BOCEMSDES, New Bayen, Ct.



SCIATICA, LUMBAGO, BACKACHE. GOUT, SORENESS CHEST, SORE THROAT, QUINSY, SWELLINGS SPRAINS, FROSTED FEET EARS. BURNS SCALDS, leneral Bodily Pains TOOTH, EAR

HEADACHE,

ALL OTHER PAINS

ACHES.

BREAT GERMAN

REMEDY

RHEUMATISM

NEURALGIA,

Sims, binnerious is eleven fanceiges. 6910 BY ALL ASSECRATS AND DEALERS IN MEDICINE. A. VOGELER & CO.

Bullimnre, Md., U.

INFLAMMATIONS and HEMORRHAGES Rheumatism, Neuralgia

Hemorrhages. Heeding from the Nose, or from any class, is specially controlled and stopped. Our Nasat - veringes there is used In-baters (\$1.0.) are great also to arresting therein

Diphtheria & Sore Throat.

Catarrh, The Extract is the only specific to meet serious cases, contains and the control of the meet serious cases, contains and the control of the meet serious cases, contains and the curative projecties of the fixture it can be and serious and unexpension of a starrhal affections, is simple and duexpension of the serious and meet serious and Sores, Ulcers, Wounds, Sprains and Bruises. 16 16 ing, cooling and cleanstur. Use our Obstment in connection with the Extenst it will aid in healing, settening and in keeping out the sir.

Burns and Scalds. For allaying it is unrivaled, and should be bent in overy family ready for use in case of accidents. A dressing of our Olatment will sid in localing and prevent inflamed or Sore Eyes. allaying all inflatment of and sore set

Earache, Toothache and Faceache. When the Extract is toom, its effect is simply worderful. Piles, Blind, Electing, or Itching.
It is the greatest known remedy: rapidly curing when other media es law falled.
Fond's Extract Medicated Proceedings of the control of

Sore Nipples. The Extract is a close that mothers who has once used it will aver be without it. Our that make is the best smallest that can be explicit. Female Complaints. No physical Person need to the physical

For Broken Breast and

be called in for the mul-rite of female discusses if the rateries be used. Full discussions accompany each bettle. CAUTION.

Price of Pond's Extract, tellet Articles and Specialities.

Pond's Extract, tellet Articles and Specialities.

Pond's Extract, tellet Articles and Specialities.

Pond's Extract Sec. State and Specialities.

Pond's Extract Sec. Specialities.

Pond's Supplication Sec. Sec. Specialities.

Prepared only by Pond's Extract Co.,

New York AND Landon. To One and Ail .-- Are you suffering from a

the set to 14 W 1-5th | test, bere it of \$3,1



AGENTS WANTED FOR BIBLE REVISION

The best and cheapest illustrated clinion of the Ro-ched New Testament. Millions of productive waiting levit. Do not be decrived by the Cheap John pub-lahers of inferior editions. See that the ody you may contains 150 fine curraying on seed and wood Agents are coming money sching this edition. Send for circulars. Address. National Publishing Co., Philadelphia, Pa.

CELLULOID EYE-GLASSES.

Representing the choicest selected Tortolse-Shell and Amber. The lightest, handsomest, and strongest known. Sold by Opticians and jewelers. Made by SPENCER OFTICAL MFG. CO., 13 Maiden Lane, New York.

A POSITIVE CURE
For Exhausted Vitality, Nervons of Physical Debility, Dr. RICORD'S RISTORATIVE PLANTING AND PROPERTY OF A TURN PROPERTY OF A TURN

PISO'S CURE for Consumption is also \$72 A WEEK, \$12a day at home castly made. Coeffs Outhit free. Add's TRUE & Co., Augusta Maine.

Pond's Extract The confine has the words "Pond's Extract The required has and our pietare training and or so received from the pietare training or so received from the property of the product of lawner Pond's Extract. The product pure parents. As a core sold pure and parents. NEW YORK AND LUKBON.