ART OF SUGAR REFINING.

DELICATE PROCESSES FOR EX-

Transforming the Brown, Sandy

The general process of sugar refining is simple and casy to gather, but in the TJe was increased to three pecks at each parts that do not show a most delicate meal. inanipulation is required.

shining sweetness that the coopers were heading up on the lower floor.

The processes of sugar refining are mass worked together with a hee, simply these. The sugar is melted to a certain degree of density, and at the proper degree of heat is strained, just as felly is strained, to get the dirt out. Then it is filtered through boneblack to take out the coloring matter. Finally it the friction in the churn before the butis boiled down into sugar again.

melted in hot water and stirred up with Liberated from what? Possibly the ima constantly moving stirrer. A straner removes the bits of bag and stick. The barrels and bags are washed and steamed to get all the sugar out, and even the scrapings from the floor are saved. The melted sugar now goes into the refinery, where its density and heat are carefully thrown together by the churning and as

established. The interior of the refinery is all ups and downs, narrow step ladders and a temperature of about 140 degrees: the men work bare to the waist. After mix-ing, the sugar goes to the bag filters to ret rid of the ditt. The illuer are com-with the sugar goes to the bag filters to the sugar goes to the sug filters to the sugar goes to the bag filters to the sugar goes to the sug filters to the sugar goes to the bag filters to the sugar goes to the sug filters to the sugar goes to the sug filters to the sugar goes to the sug filters to the sugar goes to the sugar goes to the sugar goes to the sug filters to the sugar goes to the sugar goes to the sugar goes to the sug filters to the sugar goes to the sugar get rid of the dist. The filters are con-tained in chambers with perforated roofs. Each hole in the roof is fitted with a neck or "bottle;" from the bottle with a neck or "bottle." from the bottle depends a linen bag, closed at the lower end. Outside the bag, as a pillow-case to the bag's pillow, is a stout sheath to prevent the bag from bursting. The melted sugar is poured in over the top, and as it runs down through the bag it here was to f the foreign matter. The

leaves most of the foreign matter. The sugar is followed by a stream of pure water that washes all the sugar out. The refuse, which looks like dark mud, 'stripped" from the bags, so that they

can be washed. Tee sugar is now bright and clear, but still of a dark brown color. There is a black, granular substance driving about in one or two of the rooms that will remove this color. That substance is bone-black, beef bones burned and ground. Boneblack looks like gunpowder. It has a medium grain, and it is just this grain and no other that will do for filteriog sugar. The boneblack is heated red hot in enclosed chambers, allowed to partly cool, away from the air, then it is slowly passed through the rooms, cool-ing, till it reaches the "char filters." When these are charged, the sugar poured in at the top, a dark-colored fluid, and it comes out at the bottom as clear as water. Toward the last of the filtering the "char" loses its power, and the sugar begins to get yellow. It is from that the brown and yellow sugars

Next the sugar is boiled. It is pumped into the boilers, vacuum pans, which as soon as filled to a certain height are closed and the air exhausted. It boils at a lower temperature than 212 degrees. Then the sirup bubbles and boils, till by a change, only perceptible to a skillful eye, the grain begins to come. In goes more melted sugar, and the graining goes on until the peep-holes in the pan are clogged with sugar, and the whole pan filled with a mixture of sugar and sirup. The boiling requires no ordinary skill and judgment. The first filling of the pan must be just so or it will spoiled. The workman must decide the size of the grain by careful boiling, and shut off the steam when the right moment is reached.

Next follow the centrifugals, where the mixture becomes sugar. Down from the vat, under the pans, through a spout the sugar falls, lifty pounds at a time, into a hollow cylinder surrounded by a pocket. The wall of the cylinder is a line steve. The cylinder revolves 950 times a minute, and the moist sugar flies up the side in its hurry to get away from the center of revolution. The sirup spurts out through the tiny holes in the sieve, and the grained sugar alone remains. The s rup all extracted, the sugar is washed, still revolving, with a vice: hose. Drying is done by passing a warm cur-rent of air through the sugar as it sifts rent of air through the sugar as it sifts not from felled tember to aid seasoning, but not from the standing tree. If winter-not from the standing tree. If winterthrough a revolving sieve. It is then bolted like flour by machinery, and run off into barrels, labeled and coopered. Then it is ready to ship away. Each day's melting is run through as soon as possible, and it is a possibility that brown sugar landed from the vessel in the morning may be shipped in the even-ing. Granulated sugar leaves behind ten per cent. of its weight in water and dirt. There is a big product in this process of refining, and that is the sirup. It is the substance which leaves the sugar in the centritugal. A ter proper manipulation it comes into tanks, a rich, golden liquid, the sirup of commerce.

How the Best Pork is Made. Mr. F. D. Curtis, says in the New TRACTING THE SUBSTANCE ansforming the Brown, Sandy Baw Material Into Barrelfuls of Glistening Sweetness. The general process of sugar refining meal. The turnips were cocked in a potash kettle, which held, heaping full, ten bushels. When boiled until soft, A Boston Altertiser reporter recently ten bushels. When boiled until soft, ten bushels, when boiled until soft, they were shoveled into a barrel, and the brown, sandy, raw sugar in the store house into the barrelfuls of white,

FARM AND GARDEN.

first lot. The troughs were filled with the turnips, the meal spread on, and the mass worked together with a hoe. The

The Philosophy of Churning.

The belief that the small particles of butter in the cream must be liberated by boiled down into sugar again. The sugar is dumped into a great vat, and makes trouble for the buttermaker.

Professor A. J. Cook, of the Michigan Agricultural College, tells when not to use Paris green: "I would never use Paris green on Iruit that is to be used within a few days from the time the po'son is applied. Thus I would never use it to fence out the currant slug. Neither /would I use these arsenites on cabbages. Certainly not after the head has formed, for the very formation of the vegetable makes such use dangerous. Again, no one should ever use or handle these substances with the bare, unprotected hand -especially is this caution necessary in case of any abrasion of the skin. Neglect of this caution resulted in the death of a very talented young horticulturist of Indiana some years since. I am free to say—and I have probably handled these poisons as much as any one in the country-that reasonable caution makes their use perfectly safe.

In using these arsenites to destroy the codling moth larva, we at the same time kill the canker worms, the several species

of leaf rollers that often fairly dig out the buds in early spring and are very de-structive; the old American tent caterpillar that flaunts his tent in the or-chardist's face just as the leaves are putting out in May, and thus in using this remedy we are killing not simply two, but several birds with one stone. I would also use three insecticides, to protect against all leaf-eating insects, where there is no danger. Thus on where there is no danger. Thus or shade and ornamental trees that are be ing defoliated, on fruit vines and trees early in the season, and on such vegetables as potatoes, meions, etc., where the foliage is not used to swell our larders. It remains to be said that as this mison must be eaten to destroy, it is impotent against the plum curculio, as here the egg is pushed by the mother weevil through the poison beyond the reach of harm. The same is true of all lice and bugs. They do not munch and

chew, but insert their sharp beaks and suck the rich juices of the plant. Hence they can pump the very life out of the plants, though the latter be thoroughly coated with Paris green, and not even

Who is it that loafs at case while you toll from morning till night? The saloon keeper. Who is it buys houses and lands and struts in fine clothes, with the money which night have kept your family from being turned into the street, and from going in rags? The saloon keeper. The saloon keeper. Who is it takes your last cent for his poison-ous drinks, and shuts the door in the face of your wife when she asks credit for a five cent lost of bread?

NEWS AND NOTES FOR WOMEN. W. C. T. U. COLUMN. Black dresses have been revived. Conducted by the Tionesta Union The Czarina is an expert angler.

ng.

fashion.

country.

on the other.

fection of royal art.

children in London.

nations in millinery.

Bows of light green ribbon are son

woman engraver of America.

elegant trimmings for Leghorn hats.

n London.

pletes the corsage.

for riding habits,

of silk belt ribbon.

even to morning dresses,

grow larger for autumn wear.

Sashes and girdles are again appear

All white cloth jackets are still in

Seal brown cloth is a favorite material

Belts to wear with dressy blouses are

The directoire styles have extended

Capotes are very small, out bonnets

Voile in all shades and figured in larg-

The loose sailor or Garabaldi blouse

Princess Letitia Bonaparte is said to be

are good wearing for growing girls,

The W. C. T. U. meets the 2d and 4th Tuesday of each month, at S p. m. President-Mrs. Ell Holeman. Vice Presidents-Mrs. J. G. Dale, Mrs. W. J. Roberts.

Recording Sec'y-Mrs. L. A. Howe, Cor. Sec. and Treas .-- Mrs. S. D. Irwin.

Woe unto him that giveth his neighbor drink, that puttest thy bottle to him, and makest him drunken also, --Hab. II, 15. The wicked worketh a deceitful work; but to him that soweth righteousness shall be a true reward.--llev. 11, 18.

There are thirteen women physicians now practicing medicine in Paris. The March of the Oorn. Farmer Grey's little Molly had been sent to the corn field for "roasting ears" for din-ter A be had prudently husked the cars in the field, and was now homeward bound in the field and was now homeward bound the green and shadowy valey. Through the green and shadowy valey. Through the green and shadowy valey. Through the range of it will, and reached even it him rehing down-hist to the valley. And home it think lises it. If will be part the home it think lises it. If will be part the first it the turned into much and pudding and it will be turned into much and The March of the Oern. Isabelle, ex-Queen of Spain, dresses in a costume much like that of a nun. tartan checks is a popular material. a beautiful performer on the violin. ment. band. bends.

Lower down the valley lay the mill, a great, dark old mill, the wheel, turned by the boaring river, rising and falling with a black street.

plash. "Carn," cried Mo'ly, "yon will march down to the mill. Will you be afraid of the great mill-stones? You will be ground into meal, you will be put into bags and barrels, you will be sent east, north, west, south You will help feed the world! Will you not be glad, corn, when you make thin people fat, weak people strong, hungry people con-tent? You will de to do good, O corn? when you have marched down to the mill. You will have done the errand God sent you to do?"

dressmakers.

will have done the errand God sent yon to do?" The further down the valley were tall chimneys great brick walls, high fences, with wele gates out of which rumbled vans under clouds of black smoke and dense steam. "O corn!" said Molly, "you will march down to the distillery. You will die to do evil and not to do good. You will be what for more meant you to be! You will drink; you will fill them with disease, you will make them poor. You will rob little children of homes food, dothes, books, joy. You will give them fears, tears, pain. You will kill thousands, corn, instead of feeling thou-sands. O beautiful coral is it not terrible that, after all these lovely summer days, you must carry your beautif and your wealth de wn to the distillery to ruin the land! You will be ground and scalied and decaysed and distilled, until out of good has come evil and out of life death; and you will have come to a very had end. O my beautiful corn!"-

Home-Made Wine and Cider. The Senday-School Times says: "A pet theory of those who are unwilling to accept total abstinence as truest temperance in the line of liquor drinking is that pure wines and cider are comparatively harmless in contrast with adultorated liquor. Yet there is no form of drunkenness which has more of brutafity in it than that which is the result of cider drinking; and from the days of Noah to the present day, a man who has been made drunken by home maile wine is likely to be as disgracefully drunken as if it were strychnine which had brought him down. Only a few days ago a silk weaver in Hebron, Conn., murdered his wife and two children and then set fire to the house. He was a Swiss immigrant, and be liked in home made liquors. The telegraph report reads: 'He had half a dozen harrels of home made wine and cider in his cellar, and Home-Made Wine and Cider. report reads: 'Ite had half a dozen barrels of home made wine and cider in his cellar, and drinking from these made him crazy and promoted the morder.' If the blood stained ashes of his household show the sort of home made by home made wine and cider, total ab-stinence from these liquors would seem to be the truest temperance."

Who Is It?

Miss A. I. Wilson of Cynthiana, Ky., is reputed to be the best informed woman by carthquakes in the last eighty years. in America on pedigrees and the history of trotting horses.

a Murdered Indian's Satisfying Relatives.

If an Indian is killed in a quarrel his relatives are usually appeased by pay-ment. I remember once a fancy, overbearing young Assinaboine buck came into the Milk River Agency and beat his bow and arrow on the agent's pet dog. The agent warned him if he shot the dog he would kill the Indian. The young buck shot his arrow, the sgent killed him. We expected to have some trouble, but the grief-stricken father came forward on behalf of the relatives and claimed that, in consideration of the young man being such a good buffalo runner, the agent must pay for the loss of such a person a red blanket, a piece of calico and four pounds of sugar. He complied with their demands, but the vengeful relatives thereafter adopted him as their banker. The mother and other relatives of the slain young man sta cely ever met the agent without em-bracing him, and with endearing epithets begging for something more in remembrance of the good buffalo runner.-Fore-t and Stream.

There is a mining company in St. Scotchmen Discuss Our Centerboard. Louis composed entirely of women.

An extremely interesting discussion Palest baby blue and black is a fashtook place at the recent meeting of the ionable color combination at the mo-Institution of Naval Architects, held in Giasgow, upon the subject of the centerboard. It was stated that experiments made by Mr. Froude "proved that the The Hindu woman is taught that she can only get to heaven through her husmade by Mr. Froude "proved that the leading part of a pine moving obliquely through the water had much greater re-sistance per square foot than the remain-ing part of the pine. The triangular centerboard of the American yachts, having a long leading edge, was most advantageously placed in this respect, and its providence or square foot at a Mourning costumes have a trimming of lace worked on tulle, with fine jet It is not considered good taste in Paris for ladies to wear bright colors in the and its resistance per square foot at a Kate P. Beaird, of Texas, invented a Kate P. Beaird, of Texas, invented a hand device for propelling sewing ma-chines. Miss Mary Creel, of Kentucky, is said to be the most beautiful girl in the country of the ship proper, or of any draught she concerned." Mr. Watson, the designer of the Thistle, spoke, and maintained that a keel boat would still heat a center-boarder. - Chi age Herald, Polonaises may be draped alike on both side), or long on one side and short

Cure for Rheumatism. G. G. Treat, of West Granvi le, Mass., wrl es The bodice without any basque is alof ALLTOCK'S POROT'S PLASTERS: most universally favored by fashionable For rheumstism, neuralgia, pain in the side or back, coughs, coids, bruises and any local weakness, they truly rostess wonderful cura-The smile, bow and ready words of ueen Margherita, of Italy, are the pertive qualities. I have recommended them to my neighbors with the happlest results, many of whom but for ALLCOCK'S FLACTERS would

> those who call for it a sample bottle Free, that they may try it before purchasing. The Large Bottles are 10c and \$1. We certainly would ad-vise a trial. It may save you from consump

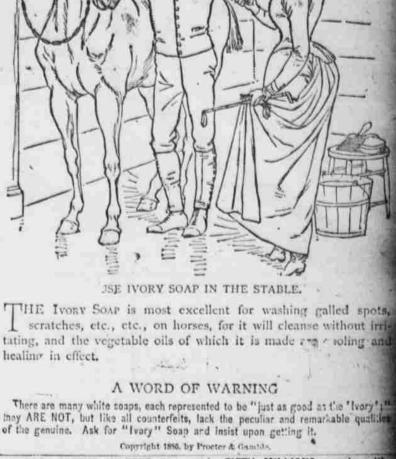
world, and it is one that everybody can have in an unlimited quantity.

An Extraordinary 1 heatments. Nother term than the above would apply to the woman who could see her youthful beauty failing aray without a pang of regret. Many awonan becomes prematurely old and hap-gard because of runctional derangement, because of runctional derangement. Or, Pierce's Favorite Prescription will resore the state of the second second makes them youthful and becaution once morel. For the lis to which the data heres of the association formed to the second second by the second pression of the second second second to the second second second second to the second the second the second second second second second the second the second second second second the second seco Miss E. T. Wragg, of Charleston, S. C., is gaining a reputation as the leading During her visit to America Mrs. Laura Ormiston Chaunt spoke at 123 meetings and traveled 12,000 miles. Mrs. James Brown Potter asserts that a society girl must not be intense. Frivolity is the fashion at present.

The German population in Chicago exceeds that of the Irish,

the flounces either pinked, fringed or edged with woolen lace, are all the rage Mrs. Ada M. Bittenbender was the author of the Nebraska law which makes mothers joint guardians of their children with the father. Dressy costumes of slik are often made with pinked-out edges, and a plastron composed of silk scallops in layers com-

W. L. DOUGLASSI SHOE, the original and made shoes e stine from #5 to #F.





will in a few measure. Vomitting, Part Stears, Faintness, Heartburn, Sick Meast, Investions, Colic, Wind in the unternal points. It is noted refront than French Brandy or Bitters as a s

There is not a remedial areat in the s will cure Fever and Arms, and all other M billows and other (overs, aded by Badway) mick as Katway & Beardy Boile, "P'fly conte per Bottle. Sold by drugstets.



A FINE, SURE MEDICINE, 7

HARWAY & Co.-Gentlemen. Your Fulls have warded off schness in an family. I haven the safe to be without them, they are a fine, sure clas. Most respectfully yours. HEN HEY REN WOLT Chobanes, Frequency County.

What a Physician Says of itadwar's

I are using your E. E. Helind and your fits fulls, and have recommended them allows and sell a great many of them. I have band always, and use them in my provide as own family, and expect to in preference of Yours respectfully. Dit A C MIDDL KIMP

complaint. They restore strength to the and enable if to perform its functions, hence of Dystepsia disapsear, and with liability of the system to contrast with

DYSPEPS A.

DR. RADWAY'S PILLS are a cure for

Dyspepsia of Long Passbeen troubled a The Ranwar- I have for years been troubled and Presentia and Live companies and they make a perfor-rent of until 1 set your Files and they make a perfor-rent. They are the bees undictional over had in xu-life Your friend forwer, WILLIAM NOONAN, WILLIAM NOONAN,

DR. RADWAY & CO., N. Y.

N F N U-35

SCHENCK'S

MandrakeFills.

For Bilious&LiverComplaints

Purely vegetable,

Margaret, 1 ady Sandhurst, maintains be n a crippled condition at home. In every instance where they have been faithfully a d a home for sick, crippled and incurable prop rly applied the result has been wonder Black and yellow, black and pink, and fully satisfactory. beige and red are favorite color combi-Four or five of the head porters in the lead-ing Chicago hotels are worth, collectively, over half a million. Interested People. ad vertising a patent medicine in the pecu-liar way in which the promistor of Kemp's Baisem, for Coughs and Colds, does it is indeed wonderful. He authorizes all druggists to give

times combined with while artificial flowers in lieu of foliage. A daughter of W. F. ("Buffalo Bill" Cody is presently to be married to a young doctor in Colorado. In London dressmakers and others are flued heavily for allowing their girls to work over-hours in the shops.

Hot water is the best cosmetic in the It is claimed that Washington Territory has gained 20,00 by immigration the past year.

An Extraordinary | henomenon.

White feathers, either alone or combined with ribbon, are by far the most Shotsilk petticoats very much flounced,

A Babe in the Hause Is the source of much so shine and loy, brightening man a dark cloud and lighten-ing many a heavy load-but loys continual abide only in a hearth, body. The Creator with great wiedon has dis ributed over the ear h segetable remedies for every ill of ha-man kind. Thismarvelous taboratory re cal-tabor, tory re cal-solution in the califormities and the world as for chronic based calarrily, scrofula unora and all blood disorders. A Babe in the House \$3 SHOE. GENTLEMEN.

The only fine will \$3 Not implete Not on the world made will heart ratches are mills. At sixiles and further as these every as A or B, and having no be the or mains to work the stand of the free many every state of the stand of the state free many every show. Any the back. Note gramme un-ways samped on bettern "W.L. Douglas as Show.

SCHENCK'S MandrakePills.

W.L.DOUGLAS

A Fatalistic Suicide.

A Fatalistic Suicide, "There is a strange thing about the re-cent suicide of Mr. Henry Powell," said a friend of the family. "He jumped into the Atlantic Ocean at the place where, some forty years ago, the Ocean Monarch burned. The ship was con-sumed, and over three hundred people perioded with here. My Bouwell and weeks, to dissolve the fermentable matperished with her. Mr. Powell was a ter nearest the surface. This is best pas enger on her and had a thrilling end one by running water-if such is not at cape. Probably as he trod the deck of the Servia ten days ago the memory of that occasion came back to him. He was a nervous, excitable man, and perhaps season more quickly and is known to be the thought of the way his life had once more durable. teen saved there when he was a young man made him think that fate impelled there to end his life, an old man leaching out the sap. Never apply paint or any other coat-ing to green or unseasoned timber. If suffering from many ills. And so the same waves in which he once battled so well and bravely for life at last swallowed the wood is not well dried or seasoned, him. For forty years they had been waiting for their prey. Once he had escaped them, but the cruel waves did not let him go."—New York Tele. they must cover every part, must not 97.110.

Origin of Shoo Measurements,

Origin of Shoe Measurements, The meaning of the "sizes" of shoes is a mystery to most people, if not to the trade, too. "I am told," says a writer to the Brooklyn *Clinen*, "however, that the distinction in such "sizes" originated of three parts coal-tar and one part clean, unsulted grosse to unevent the far form centuries ago in China and was based upon the length of the barley corn-a grain chosen because in its dried condigrain chosen because in its dried condi-tion it is more uniformly of the same size than any other grain. 'How size 1' Wood-tar is not serviceable because it originated is not so clear, but every ad-ditional size represented the larger additional size represented the larger axis of a barley coru. In the course of time inscent oil or any other drying vege-and with the transfer of the system to the table-not animal-oils are used with Occident the barley corn became one-third of an inch."

in crude petroleum is also recom-A poorly-clad little girl came into the mended. store of one of our stationers recently. Charrie she wished to buy some writing paper, into contact with the ground can be conand finally was shown some for five cents a quire. "How much will half a quire be" she inquired in a half-fed, plaintiff little voice. "Three cents," replied the clerk. "If you pleas. Fill take the other half," was the quick response.— Survey (Me.) Journal.

receive the first gripe of stomach ache."

Rendering Timber Durable. In a bulletin issued from the Forestry

Division of the Agricultural Department at Washington occurs the following ad-

crack, and possess a certain amount of

Oil paints are next in value. Boiled

lead or any other body (like pulverized charcoal) to give substance. Immersion

Charring of those parts which come

The saloon keeper. Who is it, when your money and reputa-tion is gone, and you have no friend left to pay for your drink, will take you by the colar and kick you into the gutter! The saloon keeper. Who is it role you of sense and reason, puts you lower than brute beasts, drives you into both and constructions and sends you to the alls and penitentiaries, and sends you to the jails and penitentiaries, and sends you to the gallows? The saloon keeper. Is this man, who lives by crushing human hearts, the man you should delight to honor by placing him in office? Throw this chain off your neck, and shake his clutch from off your soul.—Ziou's Watchman. fortnight after felling and have it placed on blocks, away from sun and rain as much as possible, as it ought not to dry too rapidly. Sufficiently thorough sea-soning for most purposes is obtained in

from twelve to eighteen months, while for special work, according to the size, from two to ten years is required. When timber is cut in the leaf it is Temperance News and Notes.

advantageous to let the trees lie full Seventy members of the Canadian Farlia-nent are professed prohibitionists. length until the leaves are thoroughly Kentucky has 4193 retail liquor dealers; Louisville six saloons to each church. Maxwell, who was recently hanged at St. Louis, was, it is said, a hard drinker.

length until the leaves are thoroughly withered (two or three weeks) before cutting to size. With conifers this is good practice at any season, and if it can be done, all winter-felled trees should be left lying to leaf out in spring, by which most of the sap is worked out and erwornted Topeka, Kansas, has more churches than any other city of its size; and not one saloon, Four Trenton, N. J., liquor sellers were re-cently sentenced to six months in the county and evaporated. The best method of obtaining proper

iail. seasoning without costly apparatus in A temperance society with eighteen mem-bers was lately organized at Kinkiang, shorter time is to immerse the prepared timber in water, from one to three China. The city of Passadena, Cal., has not a sa

loon, not a policeman, and its jail has no Dr. Richardson says he can no more ac-ept the alcohols as foods that he can chloro-

form or ether. At Eau Claire, Wis., recently a man signed the pledge for the first time on his one hundredth birthday.

hundredth birthday. President Culver announces that at the Alabana Stats Fair this year, whisky shall not be sold on the grounds. The liquor sellers of Palestine are obliged If practicable the application of boiling water or steam is an advantage in

The liquor seliers of Palestine are obliged to pay for Leones one-fourth of the amount of their house or shop rent. A railway disaster on the Mexico Central Railway, resulting in thirteen deaths, is now said to have been caused by drink. Dr. Norman Kerr says: "Among the ine-hriates admitted to the Dalrympie Home nine per cent. of the whole number drank nothing but beer.

Sir Andrew Clark says that "more than three-fourths of the disorders, in what we call fashionable life, arise from the use of alcohol."

Eight conductors and trainmen of the Long Island rairroad were recently discharged, be cause they entered saloons and drank during hours of duty.

The recent hanquet of the Commercial Travelers' Convention, held in Minasapola, attended by six hundred and fifty guests, was served without wine.

Was served without wine. New York State has \$60,000,000 invested in prisons, asylums, hospitals and alms houses. New York city alone has 10,000 dram shops to help provide the immates.

Father Cleary, of Wisconsin, last year de-livered 174 addresses and lectures in behalf of the Catholic Total Abstinence Union, and administered the piedge to over 100,0.0 per-

M. Emile de Lavelye, the distinguished po-litical sconomist, says there is a "carbaret" for every ten families in Belgium, and with-in the last fourteen years the consumption of drink hus doubled.

Tawhalo, the Maori king, who was ini-tiated into the City of Loudon Lodge of Good Templars while in England, has re-mained faithful to his piedge, and has been doing a good temperance work among his followers in New Zealand.

Miss Mary A. Rice, a graduate of the Kansas State University, is said to be the first woman in that State to receive a license as a pharmacist.

Miss Ella C. Sabin, Professor of Rhetoric and Elecution in the Uni-versity of Oregon, has been elected Superintendent of Education in the city of Portland, Oregon.

Black hats are allowable with any colored costume, and are more and more trimmed with green ribbon in variety, while in Paris they add short, green plumes as well.

A curious sight was witnessed the other night at Debois's Opera-House, in Elgin, Ill. Forty young ladies, all dressed in red, white and blue, recited "Sheridan's Ride" by pantomime.

Bonnets are now worn by the squaws of the Chienne tribe in Nebraska. This adoption of the white woman's style of headgear is due to the thieving of several of the Indians. They robbed a millinery store at Chadron, Neb.

Lady Georgina Legge made up woman's cloven for a game of cricket with the girls of the Birmingham (Eng-land) High School, and the match was played on the Earl of Dartmouth's grounds before a large and select company. One player made thirty-nine tuns.

Money Made Keeping Hens. Hundreds of farmers who never kept an ac-count, would kill every "pesky hen" on the farm, if it was not for the "women folks." Thu women intuitively know that the hens do not "eat their heads off every six months," but properly kept pay better than any other farm

properly kept pay better than any other farm animals. This is true. A record, simple to keep, so it would be used and show the facts in detail, would prove that every hen paid a profit. They could be made to pay, from one to three dollars each. Mr. James L. Burgess, Nachua, N. H., reported to the Nachau Telegraph that his wife made a clean net profit has tycar, of \$20.59 for eggs alone, from only sixteen hens. He thinks her success was largely due, to using Sheridan's Condition Powder, a much adver-tised preparation to make hens lay. Do your hens pay like that' Do you want to learn how to make them pay better? Are you in delicate health, and want to com-mence poultry raising, for the sake of open air employment? If so, jet some reliable advice how to do it. A new, enlarged, and much im-proved edition of that valuable book, the Far-mer's Poultry Raising Guide, has just been writted. It contains much very practical la-tor. Moning the many new features, which every

Raives Engli h Worls with the German Equiva nic and Pronunmiation and German Worls with aglish Definitions. Sent postpaid on receipt of \$1.

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