

Dr. Huff makes some good recommendations to the Board of Health of things says:

Cows confined to the stable require obtain sufficient oxygen to aerate the space as possible, generally allowing where they are compelled to breathe and rebreathe the contaminated atmosphere because the dairyman informs us he can get more milk from them if they are kept close together.

The majority of stables are built as cheaply as possible and are roughly finished inside and out, furnishing maturity than young chickens, but afnooks and corners for dirt to locate ter they are a month old the danger and propagate disease. The floor fre- line is past and they are henceforth quently consists of 12-inch planks laid hardier than any chick. The main aside, just where the hind feet of the thing is to keep them perfectly dry and cows are placed and the milker stands when milking and a trench about a should be kept in till the dew is off foot wide is behind the cows for the the grass and never be allowed to be excrement to fall into. There is not caught in a shower of rain. Cracked one stable in a hundred that has any grains are better for them than sloppy way of flushing and no great percentage has any system of drainage. There ers of bugs, and insects, they should are stables that have stood for years be provided with some kind of animal upon the same ground and have contained hundreds of cows and all of the ural supply of bugs .- Kansas Farmer. liquid manure made in them has been allowed to soak into the ground and there remain.

There has been so much said about milk containing germs of disease that the following from Coleman's Rural it seems almost unnecessary to men- World: tion the fact, but we are so forcibly be disregarded.

FEEDING HORSES FOR MARKET. make a better horse, but it is evidently a good way to make money out of horses. Horse buyers as a rule like male chatters." the plump fat horse, and feeding makes such very marketable. The IIlinois University Agricultural Station recently fed twenty draft horses to a tat finish. They cost on an average when you cut it and how well you \$185 per head and when fat sold on put it up and store it. Black or musty the Chicago horse market for an aver- hay shows careless work. The object age of \$238 each. They were fed should be to get the crop cured and in forty-eight days and they gained in feeding \$2 a day. The horses were good qualities it had when standing as divided into three-lots and were fed grass. Good hay is nothing but grass, three periods of sixteen days each. with the water squeezed out .- Indiana Lot 1 was fed corn and clover hay, Farmer. and lot 3 corn, oats and timothy hay. Lot 1 gained 194 pounds, lot 2 gained 277 pounds and lot 3, 142 pounds. Each lot ate the same amount of grain. A Story Told of Abraham Lincoln's but lot 3 ate more hay. Lots 1 and 2 at the end of the experiment were

by the time she farrows .-- Indians Farmer.

POULTRY PASTURE. It is distressing to see poultry confined to a bare yard. It is a very shortsighted way to manage. It is no more necessary to feed chickens all the stuff they eat than it is to feed cows in the stable the year round. Chickens like to forage for part of Rome, New York, and among other their living, and it is a great deal cheaper and a wonderful sight better to let them do it. You may not have a space of \$00 square feet each to a farm to let them range over, but you can provide a good sized yard blood property, but we usually see and shut them out of part of it while cattle huddled together in as close a green stuff is growing, then reverse the process. Vegetation induces moisteach cow about 275 to 300 square feet, ure and helps to collect a supply of insects and worms that the chickens like to feed on. It supplies a mixed rations that is especially valuable to poultry .- Farm Press.

YOUNG TURKEYS.

Young turkeys are very tender things and much harder to raise to never allow them to get wet. They food, and as they are greedy devourfood when they can not get their nat-

THE SEX OF GUINEAS.

For the benefit of those puzzled to tell the sex of guinea fowls we quote

"To distinguish between the male reminded that dirt and filth are the and female guineas note their gills. abiding places of disease and that. You will find the gills of the male are cleanliness is the surest guide to much larger than those of the female, health, that attention to it should not and stick nearly straight out from his head and those of the hen are small and hang down. The hen is a good deal better than the male bird. If you Feeding merely to fatten may not are well enough acquainted with them you can distinguish them by their cry. The female says 'Pot luck' and the

VALUE OF HAY.

The value of your hay depends upon its quality, and quality depends upon mow without the loss of any of the

PICKETT'S OLD FRIEND.

Visit to Richmond.

PAUPERISM AND CRIME.

THE TWO COST THIS COUNTRY ANNUALLY SIX BILLION DOL-LARS.

That is America's Record, and the Yearly Increase of Wealth is Only \$5,000,000,000, Dr. Charles J. Bushnell Points Out.

"This country spends \$6,000,000,000 annually on the criminal, pauper and vicious classes, and the annual increase of wealth is only \$5,000,00 !. Does not that look as if the public were bankrupt?"

This statement was made in a lecture by Dr. Charles J. Bushnell, who in conducting a model public playground at Washington, D. C. He is a graduate of Heidelberg University and an authority on civic matters. Dr. Bushnell has the support of the leading citizens of Washington in his work.

Dr. Bushnell's figures are taken, he says, from authoritative sources and represent years of careful study. He challenges any one to disprove their accuracy. He and his wife have made a special study of what they call the "social illness" of the United States. Continuing, Dr. Bushnell said:

"Why, the \$6,000,000,000 that this nation spends every year on its criminal cases equals the amount spent on all churches, public libraries, the Young Men's Christian Association, the Salvation Army, public hospitals, asylums for the insane and all benevolent institutions. The average factory hand earns \$440 a year, while it is estimated that the average criminal costs the public at least \$1,200 a year.

"Disease as a result of vicious habits is on the increase; suicides are increasing six times as fast as the population, and murders three times times as fast; insanity is also increasing faster than the population. We are maiming and killing in accidents resulting from our industrial enterprises as many persons as were killed in an average of the civil war, the Philippine war and the Japanese-Russian war combined. In other words, we are practically carrying on these three wars all the time. And these deaths by accident, due to our fast commercial spirit, are from two to nine times as numerous as similar shown that three-quarters of such accidents are preventable. We are living entirely too fast.

"We have 40,000 000 paupers in the country, and 10,000,000 persons are on the ragged edge of pauperism."

Dr. Bushnell endeavored to show particularly the need of work to offset the growing evils of social conditions in the large cities. In 1790, he said, only 3 per cent, of our population lived in cities of 8,000 or more inhabitants, while today over one-third live state of rationality wherein this act in cities of this class and in the east of simple justice could be done and and northeast the percentage is much | this new milestone erected on the way

dye more quickly. But it suffers from prolonged washing, a grave defect. Nevertheless, mixed with animal silk it is utilized in the manufacture of those stuffs which do not require washing, such as ribbons.

In 1900 Brennert patented another method of treating the cellulose. It consists in dissolving carded cotton in a cupre-ammoniacal liquor known as Schweitzer's solution and by passing the viscuous liquid through the gage plate. The thread formed is treated by sulphuric acid, which dissolves the copper, neutralizes the ammonia, leaving behind pure cellulose.

The silk contained by the Brennert process presents some advantages over the preceding. It is cheaper, less dangerous to manipulate, and is less injured by water. It has only one drawback-it is less brilliant and consequently less attractive and less employed.

There exists a third method, placed on the market quite recently, which seems to have a good future, as its ap plication extends further than the ordinary limits of artificial silk. It is the process termed "viscose." Here the cellulose is dissolved in soda lye; the product obtained treated with sulphide of carbon becomes viscous, hence the name. This viscose, after having passed through the pinholes, is slight ly heated, by which the cellulose is freed from the sulphide and alkaline matter. The thread of this process is more brilliant, more supple and more elastic than the De Chardonnet thread. Moreover, it is unsoluble in water, and the cost price is only one-third of the De Chardonnet silk, \$1 per kilo (two and one-fifth pounds). This same visposed by heat, can be converted into transparent and hard cellulose capable by a serious competitor of celluloid.

Artificial silk, in an industrial point of view, presents consequently a great deal of interest, and is claimed to be in overy way equal to the natural product .- Picayune.

VICTORY FOR FRENCH WOMEN.

They Can Dispose of Their Own Earnings Hereafter.

What woman shall longer say that thirteen is unlucky when, after thirdeaths in Europe, where experts have teen years of effort, the labor of wo. men's champions has been crowned in France by a law giving married women the right to the fruits of their work? Do the mightier halves of the multitudinous menage exclaim disdainfully that they should have had it be fore, that it is only tardy justice?

What matter? They have this right now and did not have it before, and with the slow mental processes of men it required the ominous number of thirteen years to bring about that

Behold the role that women have

For Frenchmen are ruled by women.

fore used women to save money for

them or to give it to them in exchange

for the right to say "hubby," have

consented to permit those terribly able

personages to dispose freely of all the

to Utopia.

INTERESTING TO



WOMEN'S DRESSES 4,000 YEARS AGO.

For women archaeology assumes a deeply interesting phase in the question which has been raised by Signor Mosso as to styles in dress as they existed 4,000 years ago. Signor Mosso, the eminent authority on ancient Etruria, the Roman Forum and early Crebe, has concentrated his great experience and knowledge on elucidating this bypath of science from his Cretan studies.

The general result has been to confirm the old dictum that there is nothing new under the sun. Even the "latest fashions" are antiquated. Signor Mosso finds that 4,000 years ago the ladies of primeval Mycene wore hats pretty much as they are seen in the show rooms of Paris today-even to the roses and ribbons and the turnedup brim. They knew what crepe trimming was, had tartans before the Scotch, understood the mysteries of corset lacing in front, short wide sleeves, metal belts and a style of dress which an imitative nineteenth century, that considered itself original, dubbed "Empire."

Their principal colors in robes were opange, yellow, blue and purple, which rather upsets the claim of the Phoenicians to have "discovered" purple .--London Globe,

WOMEN GERM EXPERTS.

In its efforts to advance medical science the Rockefeller Institute for Medical Research has enlisted the services of five young women.

The young women are: Miss Nellie E. Goldthwait, Miss Maud L. Menten, Miss Mabel P. Fitzgerald, Miss Bertha I. Barker and Miss Martha Wollstein. It is the ambition of every research worker to become identified with the institute, with its splendid equipment for studying disease germs and trying to discover the agencies for destroying them. The honors which have been conferred on the young women in naming them to fill places on the staff of the institute have attraced widespread attention in medical circles.

Miss Nellie E. Goldthwait has been chosen an assistant in the department of chemistry of the institute and Miss Maud L. Menten, Miss Mabel P. Fitzgenald and Miss Martha Wollstein fellows of the institute. Miss Wollstein and Miss Menten are engaged in pathological work and Miss Mabel P. Fitzgerald in bacteriological work. Miss

cloth called frieze, which they bought in England. They made butter, too, of the best, and this they sold and the money was turned in for their country's use when it was needed.

Besides the lace, the women of Holland made linen from the flax which they grew in their gardens among the tulips and lillies. This linen was so choice that it was in great demand and it became known by the name of "Hollands."-Pittsburg Ditpatch.

SUCCESS OF WOMAN SUFFRAGE. Sir-Miss Phebe Couzens, who has never lived in any of the woman suffrage States, is quoted in your columns as saying that woman suffrage is a failure. The people of those States do not think so.

After 20 years' experience of woman suffrage as a territory, Wyoming put it into her constitution by an almost unanimous vote when she came into the Union as a State.

Colorado first adopted it by an act of legislature, ratified by a referendum vote. Eight years later, she put it into her constitution by a majority nearly six times as large as that by which it had been adopted in the first place.

In Idaho, several years ago, the chief justice and all the justices of the State Supreme Court united in a published statement declaring that "woman suffrage is more popular among our people than when first adopted. Although it was carried by more than a two-thirds vote, if the question was resubmitted it would now be carried by a vote almost unanimous."-Alice Stone Blackwell, in the Boston Post

SANDALS ON PARIS FEET.

French women with small, dainty feet generally have seemed to feel that the joy of tilting along on tall heels is a part of a French woman's heritage. They have turned up their pretty noses at what they termed the "old-womanish flat shoes" affected by Americans. But listen to this: fashion paper of Paris says shoes with broad toes and low, broad heels are the latest craze among the ultra-fashionable women there. "Not only are broad toes and low heels coming into vogue," says this inspired writer, "but another great change in the trend of feeling of fashionable folk as regards footwear is noticed. - Sandals are being worn by some of the best-dressed women. For a long time the Baroness de Meyer has worn them with the graceful early Victorian gown she affects and other women are following her example .- New York Press.

BIRD'S NEST MILLINERY.

Chinese bird's-nest soup has interested Americans, chiefly because it is so different from what the name suggests. Bird's-nests costumes, however are almost as full of interest for the reason that they are exactly what their name implies. Three curious bird'snest festival costumes were worn recently at Baden-Baden. The hats are the most amazing part of the "get up." They are made like nests of tiny twigs and leaves and they perch on the top of the head in an extraordinary manner. Apparently they silk wound around the head and tied low on the back of the neck serves sionally to "count our mercies" most as a hat pin. At least it keeps the of us would find that we have more hat on straight and saves the wearer much anxiety. It is said that the odd conceit has already become popular That "absence of occupation is not in Baden-Baden .-- Philadelphia Rec

cose, when in the mass and decomof being run into molds, and is there which is much dearer.

in prime condition, while lot 3 was not well finished. Each of the lots received in addition to their regular rations a small daily allowance of bran and oilmeal.

SHEEP AT LAMBING TIME. It is obvious to those having experience in handling sheep that during the lambing period it is far better to divide the ewes into as small flocks as possible, as they can be manipulated much better and their young will be less in danger of being trampled under foot. In a large flock it frequently happens that young lambs are injured at feeding-time, when grain is given the ewes in the yard outside the paddock; for, in their anxious scramble to reach their feed, they take no thought of their young, but ruthlessly rush forward, crowding the little ones hither and thither. Particular pains should be taken to provide plenty of pure running water for the ewes, and it is also advisable to supply them often with salt. Everything should be quiet, wherever the sheep are at this period. The shepherd should move carefully among his flock, lending assistance here and there, ministering to the weak ones and exercising care and strategy in handling the timbl young ewes, who are disposed to ignore their first born. Sheep are the most nervous and sensitive of farm animals. They quickly notice changes, and are easily disturbed by them. Therefore, great care should be taken to allow no dog, to came within sight or scent of the barns or gratures, or any unnecessary Aisturbance to secur. In handling abusep at lambing time, one's patience and perseverance are sometimes sever-Jly taxed. However, in the end, he who exercises both will succeed .-Weekly Witness.

WHAT TO DO WITH OLD SOWS. A day or two at any of the big stock yards will show any one what farmers generally think of old sows. Just as soon as the pigs are weaned the sows ace crowded, fattened up a little and sent on to market. We question whether the practice is a sound one. Not all sows are good mothers, in fact, not fifty per cent of them are. Keep Minister has felt compelled to at once a good mother just as long as she will raise a litter of seven or eight pigs. ary measures ordered against those The question of the profit in keeping found to indulge in opium are now these sows hinges upon how they are to be rendered more severe. Indeed, cared for. These sows should be the duty of dealing with such cases carried along as cheaply as possible, from the time their pigs are weaned cesses, and every man, of whatever until they are bred again. They will grade, found under the influence of not need much grain feed during this time, but they should be kept in such Minister of Marine. Every commandcondition as will insure their efficiency er will be held personally responsible when farrowing time comes around for neglect of the recent instructions again. Those who sell off their old within the sphere of his authority .sows every year say that all feed London Globe. put into them simply goes towards

maintenance, while with the same feed they can grow a thrifty young sow acres, but the London police area is and have her weight 250 to 300 pounds 443,421 acres.

w after the great fire ing the fall of Richmond, Lincoln, with a small bodyguard, walked through the streets of the charred city. As he approached the corner occupied by Gen. Pickett's residence he directed the guard to wait, and to their astonishment ran two steps at a time up to the door and rapped. 'The servants had fled. The "baby bride" had never seen President Lincoln, but she had read his letters to her husband, and from him had learned to hold in the highest esteem the great Northern President. With her baby in her arms she opened the door, says The World To-day, and looked up at the tall, gaunt man with the sad face and uncouth ways.

Without a word of explanation he asked:

"Is George Pickett about?"

To hear the husband's name bereft of its title by a Yankee at that moment was almost the limit, especially as many a rumor had floated about Richmond concerning the fate which await ed the leaders of the Confederacy.

With all the proud dignity she could command the baby bride replied: "Gen. Pickett is not at home."

The stranger seemed disappointed. and as he turned to go remarked:

"I am Abraham Lincoln, an old friend of George's."

"Not President Lincoln!" Mrs. Pickett exclaimed. The tall man shook his head, repeating:

"No. Just Abraham Lincoln, George Pickett's old friend."

Following the instant prompting of the heart which still governs her, the baby bride thrust her baby boy into the arms of the gaunt Yankee, as her best effort to express her veneration and confidence, saying:

"I am George Pickett's wife, and this is George Pickett's baby."

Naval Opium Eaters.

The question of the use of oplum in process. the army and navy continues to cause a good deal of anxiety to the French government. The evil is especially serious in the fleet. It is now twelve months since the Minister of Marine first took action in the matter, but the vicious habit persists and the declare war against it. The disciplinis removed from all ordinary prooplum, is to be reported direct to the

The county of London covers 75,442

higher even than that

"I believe," he said, "that more If it is money that makes the more and more people will move to our go, and the gray mare is the better large cities. This will be due to the horse, there are likely to be some availability of factory products and pretty little skirmishes on the high the smaller need of men on the farms. road to progress in La Belle, France where work is being done more and in the halcyon days to come. more by machinery."

The public playground where chil- played throughout French history; dren are given outings and useful ocweigh their influence to-day. Let those cupation, is obviating to some extent who hall France to-day as the leader these conditions, it was pointed out in beauty, in enterprise and airships by Dr. Bushnell. While the facts he enroll themselves at once beneath the presented, he said, might lead one to petticoated banner and never again take a very pessimistic view of the decry feminism. world's future, he nevertheless favored the utmost effort to turn the tide in Who doesn't know it? Who so quick the other direction, and he said he as Frenchmen to recognize their mas believed it could be done by herculean | ters? Who honors genius more? And efforts. now at last Frenchmen, who hereto

ARTIFICIAL SILK IMPORTANT.

Its Production Relatively Recent, and at First Attended by Difficulties.

seen.

money they can make by their own The industry of artificial silk is hands

mospheres, and having on their sides

finite number of the finest pinholes,

dries almost immediately and presents

the aspect and touch of natural silk.

But this thread, constituted purely of

gun cotton, is extremely inflammable,

relatively recent, writes Hilary S. The new law, passed in the expiring Bruno. It dates from 1884, when a breaths of the Chamber of Deputies, French engineer, Count Henri de Char- not only applies to future married donnet, took out the first patent, and women, but those already shackled in at the Paris Exposition of 1889 the the sweet cords of matrimony may first results of this invention were profit fully by its provisions and these may reap who have not sown. Wives

The beginning was not such as to may buy, may sell and may dispose of excite much enthusiasm, as (although to their heirs property, real and perthe product obtained by the De Charsonal, independently of their husdonnet process had all the appearance bands, provided, always, the interests of natural silk) it was constituted by of the menage do not suffer. Frenchnitrocellulose, and consequently highly men, who have so often declared that inflammable, thus rendering its applications very limited. In 1890 De Chardonnet modified this process by add ing a special manipulation by which i the cellulose was obtained in the pure state and uninflammable. From that

moment the industry of artificial silk be menacing the interests of the menwas soundly established, and the pro- age, he may apply to the courts to fits of the commencement induced oth- clip her sprouting feathers; otherwise ers to imitate and further perfect the a wife may have, hold and may dis-De Chardonnet employs pure cellu-

may sit down and twiddle his fingers. carded cotton preferably to that of wood, which contains a certain amount She is not even responsible for his of mineral substance rendering the debts unless they were contracted in product friable. This carded cotton the interest of the menage, is treated by a mixture of nitric and The family rights being thus secured by law, whom will the future acclaim sulphuric acids, becoming thus gun

cotton, which in its turn is dissolved as the best guardians of the family, in a mixture of alcohol and ether to the men who framed the law or the obtain collodion. The collodion is women who under it enjoy greater compressed into steel tubes possesspowers than in the past. ing a resistance to pressure of 100 at-

small glass tubes connected by a comtisement for proposals reading as folmanding cock. When this is opened the collodion escapes through an inlows:

"Baltimore, June 3, 1907. "Proposals will be received by the Board of Awards of Baltimore City to erect a building, to be known as Shop Building No. 1, at Baltimore City Jail

ural silk, it is treated with a solution of alkaline sulphur or of ferrous salt. vertisement had in mind recent events It is even more brilliant and takes the at San Francisco.-Engineering News

Bertha I. Barker has been appointed a scholar of the institute .- New York Tribune

DOES IT OCCUR TO YOU-That late hours are a frequent cause of the appearance of premature wrin- have no anchor, though the band of kles?

That if we took the trouble occato be thankful for than to grumble at?

rest?"

That you cannot expect admiration if you never take any trouble to deserve it?

That if you really care for a person you will not say unkind things to or of them.

That personal remarks are seldom in good taste?

That when you meet a friend and say to her, "How poorly you are looking!" it is by no means paying her a compliment?

That your children will not love you a bit less for your firmness in saying "no" at the right moment ?- Home Notes

FORTUNE TOLD BY MOLES. According to an old authority, a mole on right cheek or right arm sigthe right hand a happy marriage.

A mole on the left cheek or left arm signifies adverse fortune, particularly hand, an unfortunate marriage from a worldly point of view.

Moles on the right cheek or arm. in combination with one or more on the left hand, point to more good fortune in love affairs than in money matters.

A mole at the corner of the right eye predicts a rich and indulgent husband. A mole on the right side of the chin shows good fortune, long life,

A mole on the chin, if it be light yellow in color, denotes that a woman will be a good housewife; it yet, and they are seen in all colors, brown in color, it portends a happy married life.

A mole on the tip of the nose shows to a woman likelihod of much admiration and jealous lovers, in her dealings with whom she is recommended to exercise great caution and discretion. -Pittsburg Press.

HOLLAND'S BRAVE WOMEN.

How much of her wealth and prosperity Holland owes to her women and children! While her men were away er been given up by many French woat the wars, or extending their possessions, or carrying their goods to all parts of the world in their stout ships. the women and children staved at some of which was so fine and beautiful that it was sold to rich nobles for \$400 a yard. They spun cloth, red or new play at the Theatre Rejane, in black in color, very fine and soft, which they sold in many countries, wreathed with violets and veiled with using for themselves a coarse, cheap a long violet vell.

LOVE INFLUENCED BY DRESS One would hardly think that such a beautiful passion as love could be influenced by such a sordid affair as dress; yet the fact remains that this is so in many cases.

ord.

The neat, tidily dressed woman is admired by all men who know her they are attracted to her by reason of her artistic skill in dressing. A young man is delighted to be seen in her company, for it enhances his own reputation. Does it not demonstrate that he has good taste in the choice of, say, a sweetheart?

A young fellow does like to see his sweetheart turn up to meet him on an evening neatly garbed; it not only increases respect, but love for her nifies happiness in love affairs; on and if young women will take a word of advice they will always see to it that they are perfect in every detail, so far as dressing goes, before setas regards love affairs; on the left ting out to keep appointments with lovers .-- Pittsburg Press.

FASHION NOTES.

Violet is in great favor for millinery Scarfs of chiffon or crepe de chine are frequently worn with lingerie dresses.

Shantung silk is being much trimmed with braid.

While the lingerie gown is more Cashionable than ever, pique is rarely seen

The cherry craze has not waned as particularly red and bright green.

With silk frocks are worn enormous Gais of tagal straw or crinolice, surmounted by aigrettes or waving paradise plumes.

Petticoats are built of the most supple materials, filmy cambric, trimmed with soft laces of broderie anglaise and soft ribbons, or of the most supple taffeta.

The starched upright collar is again coming into favor. Indeed, it has nevmen.

An attractive fashion is to trim white straw hats with a profusion of wings, either white, colored or speckled, the home and worked. They made lace, crown of the hat being braceleted with velvet.

One of the prettiest hats worn at the Paris, was of violet-colored straw,

Ambiguous. A correspondent sends us an adver-

To render it as incombustible as nat- for the Mayor and City Council." Perhaps the writer of the above ad-

pense not only all her earnings, but all the increment thereon and all the

kee as raw material, obtained from profits of investment and the husband

to check a wayward wife.

they have no word "home," place their

household above women's rights still and preserve to the hubby one chance If rustling in the wings of her new liberty, she seems to her husband to