

THE RAW FOOD FAD.

There was a time before the discovery of fire, when all food was eaten pepsin and hydrochloric acid into uncooked. And extreme advocates of soluble. This peptone cannot be naturalism hold that we err seriously coagulated by heat, and easily in cocking our food to-day. The ani- passes through animal membranes; mals, they say, are perfectly healthy that is, it is easily absorbed in the without cooks. There is, they insist, intestinal canal. But when it is ala peculiar vital force in the natural ready coagulated by heat before it is food which cooking destroys. We can conveyed to the stomach, it cannot be not improve upon nature's sun-cooking converted into a non-coagulable, sol-

It is claimed that raw food cures disease, especially digestive diffi- agulation by heat is rarely complete, culties. Much credible testimony is even in roasted foods, but any temoffered in support of this claim, and perature above 160 is injurious. For at least two physicians in New York announce uncooked food as their prin- erly nourished on boiled milk. cipal therapsutic agency.

Can it be true that cooking is a mistake? The logical answer is, in the light of all facts, yes and no.

To the argument that cooking is unnatural, and therefore wrong, the reply is, that all the means of civilization are unnatural, artificial. Soap is unnatural. Electric light is unnatural. Steam heat is unnatural. Houses are unnatural. Only savagery is natural -and even the cavage docs not live altogether naturally, like the animals.

In the last analysis, the only natural acts are the sub-conscious-those things that we do without premeditaticn. without knowing why we do them; such as breathing, pulsating, digesting, sleeping. These may be termed the vegetative acts, the fundamental means by which life is maintained-they are, in 'a word, nutrition, life. A plant performs all of these acts, and others implied. All animais perform them. Man only knows gestive principle in the enzyme de that he performs them. Man is conscious. He has another life, the objective or conscious.

I know that the process of digestion is going on in me now. I know, objectively, consciously, that that proc- cause serious illness. The majority ess is vegetative. I know that in be- of authorities on the chemistry of nu- sleeve is finished by passementerie coming conscious of it, I am in danger of injuring it. I would not make a child of three as conscious of its processes of digestion as I am; that would certainly be possibly fatal.

Now, man is superior to the lowest animal, to the plant, indeed, only in ! proportion as he lives more, not merely vegetatively, sub-consciously, for all away in the water, or being unasplants and animals do that, but in pro-similable, partly or entirely, are portion as he knows, reasons and wholly or largely excreted. An unwills. The mind, the conscious mind, cooked egg, for example, will not tarthe knowing power-that is the meas- nish a silver spoon, but the sulphur ure of the man.

The means by which we live the

the one-celled anisial, which is typical of all animal life, is albumen. Albumen is the warp of the blood from which all tissues are built. The amceba absorbs its food from the water in which it lives, and that albumen must be in its natural state; if furnished only cooked aibumen, 1_ will die. Now, the blood cells are essentially amoeba, and their natural food is natural albumen. Albumen coagulates at a tempera-

ture of 160 degrees, becoming, to use a popular term, leathery and unsuitable for cell food. It is for this reason partly, that a large percentage of albumen is found in the excreta from whole wheat bread, as stated in a preceding article. It is for this reason, partly, that while a raw egg digests in one hour a hard-boiled egg re

quires three. Natural albumen is quickly converted in the stomach by the action cmethods, says the raw food advocate, uble peptone; it cannot become assimilable cell food. Of course the coinstance, a child cannot be prop-The heat that kills the bacteria also kills the nutritive value of the albumen. No one experienced in infant feeding advises boiled milk; some object even to pasteurizing. This, however, requires a much lower tempera ture

> Heat is the most destructive of all agents. It is the means most commonly used in the laboratory to separate the elements of a chemical com pound, to decompose or destroy matter." Digestion is a process of chemical change, but when chemical changes are effected in advance by heat, the conditions are changed, and digestive results cannot be the same as if the food were unfired.

Cereals contain an enzyme which digests the starch for the young plant; heat destroys this. While the starch cells of cereals are being broken up by cooking, so as to open them to the action of the digestive fluids, the albumen is being coagulated and the distroyed.

I have already indicated in the analysis of bread the importance of the mineral elements of food, the ab- terie. Passementerie heads the pretsence of any one of which alone may trition agree that mineral food can be at the elbow. A soft, black satin ribconveyed to the cells only by passing bon is brought round the waist, and from the soil into the plant or the loosely tied at the left side. animal and thence to the blood cells. Materials required: Nine yards net from the food. Now, just as heat decomposes matter in the laboratory, fire decomposes the food in the boiler or

oven, precipitating, in many cases, the mineral elements, which are thrown



The first costume is a dainty little | by two rows of insertion near the foot. bodice in silk spotted voile, to match Insertion also edges the bodice, and the skirt. The fullness, back and trims the center back and front and front, is gathered into a band of in- the sleeve which is cut in one with the sertion; an opening is made at the top remainder of bodice; several pin tucks of the deep armhole, the rucked sleeve are made on the shoulder front and coming from underneath it, and being back of bodice, also the sleeve. Emerfinished at the elbow by a band of in- ald green velvet bows are sewn be sertion. Satin ribbon, the color of tween the insertion down the center spot, forms the waist-band, and is of front; the waistband is also of velloosely knotted in front with ends left | vet. Materials required: Twelve yards hanging.

27 inches wide, 20 yards insertion, 1 Materials required: One and onehalf yard voile 42 inches wide, 2 yards | yard velvet.

The next is an evening bodice of insertion, 2½ yards satin ribbon. fine cashmere and spotted net. Atlan-For the second, a simple dress, tic green is the color of the cashmere coarse black filet net is employed, and with cream net, a wide tuck is made is worn over pale gold soft satin; the on each shoulder, and three on each skirt fits plainly round the hips, and is sleeve; a fold of black satin is laid on trimmed at the foot by a fold of net the inside of cashmere, and also edges headed by a band of gold passementhe top of net, which fills in the center of front: the under-sleeves are also of tily shaped top of bodice, to which the net finished by a band of insertion. net is gathered; the short rucked

Materials required: One yard cashmere 48 inches wide, 1¼ yard net 42 inches wide, 1/2 yard satin 42 inches wide.

Peacock blue Rajah satin is employed for the elegant dress shown 42 inches wide, 7 yards passementerie, last. The overskirt, which is brought 6 yards satin 42 inches wide for foun- up towards the left side, is edged with

dation, 3½ yards satin ribbon. black satin laid on in Greek key pat-White muslin-de-sole, with a blue tern, so also is the foot of the underand green sprig printed on it, is chos- skirt, and the edge of bodice, where en for the charming design shown in the satin is finely tucked and set to it; the third picture; the skirt is high- folds are arranged on the outer side waisted, and trimmed with strips of ef sleeve, a black satin sash is taken insertion, the two center strips being round the waist, caught up under the taken to the top flounce, the others buckle at the left side and the ends set free by boiling will form a new only half way; the deep flounce is set left hanging; they are edged with



Sample Case and Apparatus for Milk Testing on the Farm.

up can never, under the most favor-1 actly three and one-half cents less able conditions, perform well at the per pound than the ungraded herds. pail; and even though she were liber-There is a trite saying that: "The ally endowed with them at birth, im- bull is half the herd." It is not too proper rearing or insufficient care much to affirm, however, that if breedlater in life would necessarily preclude ing in one line is carefully followed, satisfactory performance on her part. he may be the whole of it. Enough While it is doubtless true that many has been shown from the figures availcows make poor records through no able, to give a glimpse of the wonderfault of their own, we are forced to ful possibilities that pure bred dairy conclude that such cases are some sires offer the milk producer. While what exceptional, and that, after all, in the cases which have just passed most poor records signify inherent in- under our observation there is a difference of 64 pounds, it simply indiferiority. In view of a decidedly skeptical atti- cates that, under favorable circum-

tude on the part of many milk pro-stances, the continued use of pure-

TABLE NO. 37. The Influence of Improved Dairy Blood upon Production.

Average annual butter fat yields in herds where systematic grading has been followed several years.		Average annual butter fat yields in herds where systematic grading has been little practiced or ab- sent altogether.			
No. Herd	Lbs. Butter Fat	No. Herd	Lbs. Butter Fat		
7	269.2	2	182.8		
8	266.8	5	/ 189.9		
16	280.3	6	243.8		
17	291.2	11	224.1		
. 18	301.1	20	286.6		
18	295.2	23	183.5		
19	259.6	23	220.9		
		30	264.9		

acts gently yet promptly on the bowels; cleanses the system effectually; assists one in overcoming habitual constipation permanently. To get it's beneficial effects always buy the

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FACTURED BY THE CALIFORNIA FIG SYRUP CO. SOLD BY LEADING DRUGGISTS 50'A BOTTLE



A new Hallowe'en game, in which a peach is used instead of an apple.

\$100 Reward, \$100.

Show Kewara, **Show**. The readers of this paper will be pleased to learn that there is at least one dreaded disease that science has been able to cure in all its starces, and that is Catarrh. Hail's Catarrh Cure is the only positive cure now known to the medical fraternity. Catarrh being a constitutional disease, requires a constitu-tional treatment. Hall's Catarrh Cure is taken in-ternality, acting directly upon the blood and mucous surfaces of the system, thereby destroying the foundation of the disease, and giving the patient strength by building up the constitution and assist-ing nature in doing its work. The proprietors have on much faith in its curative powers that they offer One Hundred Doilars for any case that it fails to cure. Send for list of testimonials Address F. J. CHENEY & CO., Toledo, O. Sold by all Druzerists, 756.

Sold by all Druggists, 75c. Take Hall's Family Pills for constipation.

Delicate Scientific Instruments.

The human heat sense can not realize a difference of temperature beyond one-fifth of a degree; but the thermometer, an instrument 200,000 times as sensitive as the skin, notes a difference of a millionth of a degree A galvanometer flexes its finger at a current generated by simply deform ing a drop of mercury so as to press it out of a spherical shape into that of an egg.

SPOHN'S DISTEMPER CURE will cure any possible case of DISTEMPER, PINK EYE, and the like among horses of all ages, and prevents all others in the same stable from having the disease. Also cures chicken cholera, and dog distemper Any good druggist can supply you, or send to mfrs. 50 cents and \$1.00 a bottle. Agents wanted. Free book. Spohn Medical Co., Spec. Contagious Diseases, Goshen, Ind.

Where There's a Will-

Helen's mother passed her the cake, and when the little one went to reach across the plate for the largest piece her mother said: "Always take the niece nearest to you, dear. "Well, then, turn the plate around," was the answer -- Delineator.

sun, subjectively, as well as I, but I oratory. know-to a degree, for only God In some cases the chemical and me

knows al!-I know what the sun is; chanical changes produced by firand when it sets, I call it back-I ing make some elements of the food. turn on the electric light, which is aside from the albumen, already dealt yesterday's sunlight, stored in the with, very indigestible. Raw cabbage, plant, turned into coal, which is for instance, is digestible in an hour, transmuted into electric energy, and and is very nutritious, but boiled cab that into light. Electric light is arti- bage is extremely indigestible and ficial, but it is good. To-day I ad- worthless, except as a relish. Roasted vised the use of an electric therapeu- beans produce suphuretted hydrogen tic lamp, in a case of anemia, with in the intestine. Poisonous compounds proper feeding to furnish iron, and may be formed when several foods are vibratory treatment. These are all mixed. "artificial" means of cure. The electric light is a substitute for sunlight; vibration is artificial exercise, and the enticing to the abnormal appetite, so scientific (knowing or objective as many odors driven off from foods by distinct from subjective or natural)heat entice an unnatural appetite, leadthe scientific choice of food is artificial, but these artificial means are ing. natural-they are the same means in concentrated form that nature uses. Therefore, we may say that the artificial is natural.

life. I have already shown in articles on bread why cereal starch requires cookfoods on mastication has already been ing to be digestible. Fruits may also be benefited by cooking in one re- spoken of. spect, while injured in others; fruit necessary, a serious economic error. ferments easily, and a single fermented prune, for instance, will cause It entails a vast waste of energy and the fermentation of an entire meal, se. time on the part of the housewife and riously interfering with digestion. makes the maintenance of a household whereas, if the prunes had been a far greater burden on the part of the cocked, fermentation would have been provider. arrested. This applies also to meat. As I have said in advising an im-

especially pork, containing disease germs. Advocates of the uncooked or should be made slowly and only after natural food, have insistently main- due deliberation, but change should tained that raw food cures disease, in- always be made if one is satisfied that creases happiness and lengthens life. change would be beneficial. To this they make no qualification, and therefore they have been largely the degree that it reduces the amount discredited. Nobody would eat raw of heat used in preparing a meal and

pork, raw beans or raw potatoes- a "fireless cooker" ought to be as instarch and germs are better boiled. dispensable in every kitchen as is the It is urged by the advocates of the sewing machine. It also saves time

omnivorous diet that the human sys- and mental expenditure in watching to tem has acquired a wonderful power avoid excessive boiling. of adaptation, that it has become If one is satisfied that a change adapted to the diet we now follow, and would be beneficial, the wise course is, that, therefore, a return to the simple not to remain in the old rut, but to diet would be injurious; that the sys- make the change in the best way. Wu tem is adapted to cooked food and Ting Fang, the imperial Chinese amthat, therefore, uncooked food would bassador at Washington, evidently

be harmful. It is true that we are temporarily I had known ten years ago the unadapted to an irregular diet, not per- cooked food doctrine and the natural manently. Experiments made under life I would not have one gray hair on my direction and by myself show that my head. Joking aside, since I have the system quickly re-adjusts itself adopted this natural diet and life. I to a monodiet, and that, improved am not only cured of my former comhealth and working capacity result in plaints, but I feel stronger, healthier every case. The same has invariably and younger in spirit. I feel 20 years been the result of living on uncooked | younger and I attribute it all to my food, except cereals or spoiled fruit reformed diet, together with a reasonor meat. Of course sudden changes, able amount of physical exercise." may work temporary injury and an in- This great man, recognized as one complete ration can never be satis- of the most brilliant statesmen of the factory.

The fact that uncooked cereals are at Washington, a most enterprising indigestible agrees with the theory and progressive man, did not hesitate that nuts are the natural staple diet, to guit the Chinaman's national bevfor nuts contain little or no starch, but | erage when he realized that it is, like much fat as milk does. Wheat is a coffee, injurious. His excellency eats substitute for nuts; its starch needs no meat and only two meals a day, cooking and it lacks fat.

The essential element of food, of all progressive, but we may be able to animals, is albumen. Flesh is chiefly take a lesson from the learned and albumen. The food of the amoeba. wise Chinaman.

conscious, the objective life, are the ferent odors of cooked foods are, in means of civilization. The plant, the some cases, due to chemical changes, animal, may enjoy the light of the just as we produce them in the lab SCHEME OF PANSY DECORATION.

As the roasting of albumen in meat

or peanuts causes an odor and flavor

ing to over-eating and unnatural eat-

Vegetable cells have life, which fire

The injurious effect of soft-boiled

The cooking of food is, if it be un-

destroys, changing the vital quality of

Charming Novelty for the Next Lunch-

eon You May Give.

A decoration for a luncheon that is seldom seen, yet which may be made very charming, is a low silver bowl filled with pansies in all colors. If the stems are not specially long, a piece of wire netting can be placed over the top of the bowl and the pansies stuck in it.

The effect is enhanced if the bowl is set on a large, round mirror surrounded with a border of small ferns. At each plate have a small pot of growing pansies, which may later be given as souvenirs. These look well if the pots are set in small paper cases made of stiff cardboard covered with silver paper. Should there be a guest of honor,

her plants may be larger than the oththe food. Life is sustained only by jardiniere. er, or the case can be a small silver The candle shades should carry out

> the predominating tones of the pansies. Silver candlesticks should be used if possible. Effective shades can be made of white paper garlanded terfly combs and silver butterflies, all

with artificial pansies. Fleur-de-Lis Buttonholes. When the fashions for ornamental outtonholes began it was argued that

they would run the gamut of shape. They are now doing it. From the straight buttonhole made provement in the dietary, changes of satin, velvet and braid we now have all manner of designs up to the fluerde-lis which is put on dressy frocks

whether they are made in blouse or sive pillow covers. This crash can coat suits. "Fireless cooking" is beneficial to The shape is quite attractive and designs for the living room, or for adds a striking finish to an otherwise the nursery it can be embroidered with plain costume. Care must be taken nursery rhymes and Mother Goose not to dab many on injudiciously for melodies. These pillow covers are the tendency to-day is to overtrim. Use these buttonholes as trimmings. Do not add them to other varieties.

When Using a Night Lamp. The fumes of coal oil are more or oldest inhabitant back to another geness injurious at any time, and in a eration with a swing. What girl was sick room are particularly bad for the there 30 years ago who didn't want or nvalid. If possible a gas or electric own a tight-fitting green broadcloth

light lamp should be substituted, but gown made with an overskirt, tight, thinks so-and does so. He says: "If when this is out of the question it is long sleeves and the edges of the well to buy a small light and let it gown bordered with brown fur. burn at full head, rather than turn down a larger wick. In turning down a lamp the conamption is only partial and the fumes are doubly injurious, besides the dan- of brown fur, with a green silk cenger of unpleasant smoking. Care ter and a perky feather standing upshould be taken that the wick is long | right at the side. The wearer carries mough and is rubbed off to an even in her hand a granny's muff of brown dge.

day, the cleverest after-dinner speaker

omitting breakfast. We think we are exceedingly fashionable.

to the skirt by a heading, and trimmed | handsome fringe. Av'ge THE NEW BUTTERFLY COMB.



Difference per cow in favor of systematic grading 64 pounds.

ducers toward infusion of pure dairy | bred sires of the same breed can be blood as a source of greater profits. made to increase the average produc-tables Nos. 37 and 38 have been ar-tion of butter fat at least 100 pounds. ranged. We desire to show what the per cow, which is equivalent to raisblood of pure dairy breeds can do ing the earning power of each, \$25 when given an opportunity, not only to \$30 per year.

as it affects gross production, but also Even after the merits of pure bred its cost. The herds already discussed sires have been fully explained and have been classified on the basis of each step proved, some will hesitate the presence or absence of persistent to forsake the ways of their ancestors. or systematic grading either through The "scrub" beef or so called "dualthe use of pure bred dairy sires or purpose" bulls are looked upon with the addition to the herd of high grade too much favor by milk producers. or pure bred females. Wherever there They are a delusion and a snare, and has been any doubt the herd has been their use cannot lead to profitable regiven the benefit of it. In one or two sults. Grade bulls of an approved

TABLE NO. 38. The Influence of Improved Dainy Blood Lines Drofite

Average annual cost of food and 'profit per cow in herds where systematic grading has been fol- lowed several years.			Average annual cost of food an profit per cow in herds wher systematic grading has been lit tle practiced or absent altogethe		
No. Herd	Cost of Food	Profit	No. Herd	Cost of Food	Profit
7	\$34.28	\$34.02	2	\$31.65	\$13.34
8	33.37	36.19	5	40.58	8.13
16	47.11	25.83	6 '	38.30	22.22
17	36.72	38.27	11	37.40	22.33
18	31.19	48.86	20	33.78	38,93
18	31.57	42.81	23	32.88	14.91
19	42.61	26.33	23	34.41	22.05
			30	41.94	26.66
	Sec. Sec. 18		33	32.32	8.01
Av'ge	\$36.69	\$36.04	11	\$35.90	\$19.62
Differen Differen	ce in profit ce in cost of	f food			\$ 16.4
in farma		tio mading			\$ 15 6

TABLE NO. 39.

Cost of One Pound of Butter Fat.				
Group	Cost			
Grading Partial or no Grading	\$.131 .166			
Difference	\$.035			

cases, grading other than the purchase | breed must not be used even though of improved cows has been of such they "look right." To use them is short duration that the herd had to be to breed down rather than up. Dairyplaced in the ungraded lot. The object men are too much guided by the inihas been to illustrate the advantages tial cost of a sire. A bull that is not intrinsically worth more than \$25 is of of persistent grading. There are seven graded and nine doubtful value as a breeder. While the argument is commonly advanced that ungraded herds. In table No. 37 the average yield of butter fat for graded producers cannot afford high priced herds is 280 pounds per cow, while bulls, the truth is, the cheap ones are for ungraded it is 216 pounds. This too expensive at any price.

Breeding Up Pcultry. Let us all join hands and see what improvement we can make in our farm poultry. If there is anything more fascinating than breeding fine poultry inch wide silk scalloped, closely set I have never found it. Take your little mongrel hen that don't lay over 80 or 90 eggs in one year and in three

ner ribbon band which joins at the years you can, with good management, breed her up to an annual production of 20 0or more, and also increase her size two pounds in weight. Besides, think of the pleasure there is in the work and the knowing that you are doing something worth while.

Did You Know This?-The body of the pig contains a larger per cent. of water than does the body of a hog and therefore a pound of gain can be made on the pig with less dry matter than is required to make a pound of gain on a hog.

Feed Oil Meal Sparingly .- Oil meal contains 32 per cent. protein, consequently it is good for milch cows, but should not be fed too liberally.

Sugar Beets for Hogs .-- Sugar beets make a good supplementary feed for swine.

Wouldn't Take Him Seriously. He-But I need you in order to be happy.

She-I couldn't think of marrying a needy person.

ONLY ONE "BROMO QUININE" That is LAXATIVE BROMO QUININE. Look for the signature of E. W. GROVE. Used the World over to Cure a Cold in One Day. 25c.

A woman no sooner forgives an injury than she proceeds to forget about having forgiven it.

Lewis' Single Binder - the famous straight 5c cigar, always best quality. Your dealer or Lewis" Factory, Peoria, ill.

1.1

171

And the pretty girl usually has plain sailing.



"A Little Cold is a Dangerous Thing"

and often leads to hasty disease and death when neglected. There are many ways to treat a cold, but there is only one right way-use the right remedy.

DR.D.JAYNE'S EXPECTORANT

is the surest and safest remedy known. for Coughs, Croup, Bronchitis, Whooping Cough, Asthma, Pleurisy. It cures when other remedies fail. Do something for your cold in time, you know what delay means, you know the remedy, too-Dr. D. Jayne's Expectorant.

Bottles in three sizes, \$1, 50c, 25c

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fur. Never set the light where it shines n the patient's eyes or close enough Eighteenth century effects are etho the bed that it can be knocked off ereal looking affairs, made from tena table by a sudden restless movement of the sick one. triple box-plaited lisse stitched through

Dark Colors in Vogue. In all the gowns and in all dresses back beneath a fluffy lisse butterfly

bow. Sometimes the ruching is set for morning wear or simple afternoon upon the top edge of an inch and a wear dark colors are those most in vogue, but there are certain bright half wide embroidered band or chiffon tints of old rose and saffron that are lined silver ribbon and closes under a

huge, outspreading bow.





There are butterfly barettes and but-

This comb is worn at the top of a

Psyche knot or three puffs. The but-

terfly is of finely wrought gold bands,

with the body made of colored stones,

Pillow Covers of Russian Crash.

Russian crash is now used for mak-

ing very effective and very inexpen-

be embroidered in large conventional

laced together at one end so that they

Green Cloth and Fur.

Many of the modern gowns take the

This precise costume is back in

fashion, overskirt, tight sleeves, fur

In addition to this is a round toque

Jabot Effects.

the center and attached to a wide in-

can be removed and washed at fre-

and it is mounted on a shell hairpin.

to be worn in the hair, but only one

at a time.

quent intervals.

bands and all.