LEGENDS OF FISH.

The Japanese have a legend that fish are h the embodiment of the souls of naval officers, and the African negroes believe that magicians assume the shape of fish and come to their nets to work evil.

It seems, that, in years gone by, when the the eyes of a scientist than with those of a food-materials, this would not establish its fish assembled to select for themselves a pirent. He has noted the precise moment superiority for the nutrition of the brain or king, the skate was behind hand, and his in which it first seemed to see things, and the production of intellectual energy. But mouth is now one-sided from his not being | the circumstances under which it appeared | there is no proof of any special abundance chosen king.

According to a popular notion once ting of one thing with another. credited, the plaice was produced from a small crustacean animal of the shrimp kind. But this vulgar error has been explained by the fact that the ova is deposited in localities frequented by shrimps.

There was an old Highland tradition that the herrings quitted the coasts where blood had been shed, and it seems that this notion was revived after the battle f Copenhagen, "when it was said that they had deserted the Baltic on account of the noise of the guns."

again, and on the following morning was until the eleventh day. ready for another quartering.

her "Animal Lore of Shakespeare's Time," each day before the child's open eyes, as he anyone doubts this, I think the statistics to "actually affirms that the whale was de- lay on the pillow, without causing him, signed by Providence for the special pur- seemingly, any fear or astonishment. On pose of, at certain seasons of the year, the sixteenth day after his birth, however, frightening the herring away from its the baby winked quickly when the same facts as I have been able to gather. It native shores into those regions where it movement was made, opening the eyes again comes about very naturally, and is really would be obtainable with greater ease by together, and quickly. man.

Cornwall is "choke children." The stor, runs that one day St. Leven was fishing, act which he did not understand. when he caught two of these fish on one hook three times in succession. He took his life the baby "noticed," as the nurse large amounts of meats, butter and lard them home to his sister, but the result was puts it; that is to say, discovered that there unfortunate, for "the fish were cooked and, was such a thing as movement in the world mands of his body, unless he is engaged in the children being hungry, were choked by about him. eating the bones.

"In Normandy," writes Hoare, in his "Giraldus," "a few days before the death of Henry II., the fish of a certain pool fought so furiously with each other that the neighboring people were attracted to the spot by the noise. So desperate was the conflict that scarcely a fish was found alive in the morning, thus by a wonderful prognostic foretelling the death of one by that of many."

The fishermen in Scotland declare that the salmon's tail is pointed "since Loki became a salmon, and was caught by that appendage while slipping through a net set for him by the gods." Curious to say, in some parts of Scotland the salmon is held in great aversion, its name not even being mentioned. Thus, in certain districts, it is known as the 'So and so's fish,' and in others as the 'beast.'"

legends. In Russian fairy-tales the pike is a form assumed by the devil in order to eat the young hero, who was become a little perch. Some old naturalists have accounted for the sudden and mysterious appearance of the pike in ponds far from other double joy of the father, which was both water by the theory that they were produced by the heat of the sun from a weed known as pickerel-weed.

A curious legend is related by an eastern traveler who, describing a river which flows from the Caucasus into the Black sea, says: "Every year there arrives in this part of the river a great quantity of fish. The the fish return again and offer the other side, which they had preserved untouched. It is then discovered that new fish have re placed the old.

THE MOCKING BIRD. oak and heard a mocking bird sing in a thrifty vineyard, the rare dropping song of which naturalists appear to have taken no notice. It was a balmy day in March; the sky, the gulf, the air all hazy and shimmering, the whole world swimming in a purplish mist of dream, and I felt that the song was the expression of some such sweet, passionate longing as exhale from Keat's "Ode to the Nightingale." Under the lowhanging boughs and over the level, daisysprinkled ground, I gazed upon the sheeny mist of water, half convinced that I was looking through

"Magic casements, opening on the foam Of perilous seas in fairy lands forlorn." And the very tone of the bird's voice accorded with the feelings in which the day was steeped.

Genuine bird-song is simply the highest form of avarian vocalization, by which instinctively, if not premeditatedly, the bird finds expression of pleasure. The absence of true rhythm probably is significant of want of power to appreciate genuine music, the birds's comprehension compassing no more than the value of sweet sounds merely as such. - [Maurice Thompson in Scribner, Sept.

Mme. de Stael was never beautiful in any strict sense of the word yet in her later | Chief of the military balloon service at the | tain of the public so delight in. vears she charmed all who approached her, camp of Chalons, has invented a mechanism ing was their son.

Studying a Baby.

Professor Prayer, a European scientist of considerable note, has published a book in which he has recorded the results of his work in a new branch of research. He has devoted himself to studying the growth of theories that thought is especially dependintelligence and observation in his own ent upon phosphorus and that fish is parchild, beginning with the day of its birth, ticularly a brain food. Even if fish were An amusing story is told of the skate, and observing its development rather with richer in phosphorus than meats or other to begin its thinking-the intelligent put of phosphorus in fish. On the contrary, an

his book, "to the window five minutes | phorus in the flesh of our ordinary food after he was born, and just as the sun was fishes differing in no important degree from rising. His perception of the light did not those which have been found to occur in seem at all keen. He opened and closed t e flesh of other animal's used for the food his eyes alternately, the lids parting about of man. an eighth of an inch. Somewnat later, the Physiologists tell us that the way to proing them wrinkled his forehead.'

fant, Professor Preyer ascertained, rarely trine. And they are getting to tell us furkeeps its eyes open. Even when awake, it ther that one way in which brain-work is A story is related of St. Corentin of is quite as likely to keep its eyes closed as hindered is by bad dietary habits, as, for Brittany that every morning a little fish open; and when it opens them, it is never instance, overlading the digestive organs was seen in a fountain near the hermitage. by one and the same movement, at first. by taking too much food. Of the vice of The saint caught it, cut off a sufficient quan- One lid lifts and then the other, and some- over-eating (a vice which we Americans by tity for his repast, then threw the rest in times the two are held open at an unequal no means monopolize), a considerable part, the water, when the fish became whole width. This state of things usually lasts in this country at least, and I think in Eng-

"An author" writes Miss Phipson, in wink. For fifteen days he shook his hand eating. We are a race of fat eaters. I

A popular pickname for the bream in professor found the boy quite capable of feeling and expressing astonishment at any But as early as the twenty-third day of is very large indeed, mainly because of the

> by experimenting with him from day to day with moving candles. The child at last, on the day mentioned, followed the movement of the candles, up or down or right or left, by moving his head. The child wore, at the same time, an expression of intelligence, as if he had made a discovery.

It was only on the hundredth day that the baby followed exactly, and with an stant movement as percise as a machine's, the swinging of a large pendulum, and only in the twenty-ninth month of his life that he followed, with quickness and certainty, the flight of a swallow.

child's perception of color were extremely interesting, but too long to be repeated here; but we may see that the result of them was to convince him that the eye is especially affected by the color red, and that at first we have but two color impressions all that is not red.

Mr. Freyer declares that it is a great mistake to suppose that a baby is able to smile incompatible with the easy and active exsoon after its birth, It was on his twentysixth day that his baby first smiled; and the parental and scientific, was unquestionably very great. It is easy to believe that for the moment the man of science was lost in the father.

The houses which are built on that portion of the thoroughfare have for their foundalowly, provided it has a fig tree, that there among which numerous articles of interest believe, upon the estate of the ex Confeder- ty of vellum manuscripts. The vaults have ate chieftain, I sat in the shade of a water been only partly explored and further dis coveries are anticipated.

Considering the unfortunate disclosures of the Figaro, which evinced much more journalistic enterprise than patriotism, the newspapers of Paris show a very kindly disposition in pronouncing the French experiment at army mobilization a success. Still, the interval was not long between the Figuro's premature announcement that the Seventeenth Corps had been chosen and the issue of the official orders. Doubtless an equivalent period for preparation could be counted upon in actual hostilities both by the troops and the railroads. Thus it may be assumed that the capabilities of transportation received after all a fair average test. The region around Toulouse cannot be considered the most commercially active trial. in France, but offered sufficient advantages to the Government for seizing upon the current means of subsistence and conveyance for the troops. One thing clearly shown is the absurdity of the rumours started when the experiment was first proposed to the effect that it was a hostile demonstration against Germany. Some of the German papers were even considering under what circumstances it might be construed as a declaration of war.

HEALTH.

FISH AND BRAIN FOOD. In one of his articles on good, in the Century Mcgazine, Professor Atwater dis poses in the following manner of the popular extended series of analyses in this labora "I took my haby," says the professor in tory have revealed proportions of phos-

light having become much brighter, the ba- vide for the we fare of the brain is to see by opened his eyes quite wide, and in open- that the rest of the body is in good order, that, in other words, the old proverb of "a During the earliest days of its life, an in | sound mind in a sound body " is sound docland and among well-to-do people on the Prof. Preyer observed his baby's first Continent of Europe also, is the vice of fat be shown in a succeeding article will convince him, unless he is ready to deny the practically unanimous testimony of such due to the fertility of our soil, the conse-At the end of the seventh month, the quent abundance of food, and the toothsomeness of food materials rich in fatty matters. The result of this is that the quantity of fat in the average American's dietary consumed, and is far in excess of the de-This discovery Professor Preyer reached extreme cold, or both. For people with sedentary occupations, including the majority of brain-workers, this simply means changing the organism with the burden of getting rid of an excess of material. This excess, the physiologists and physician as-

sure us, is detrimental. Now it seems to me very reasonable to assume that brain workers and other people who do not have a great deal of muscular exercise may very advantageously substitute fish in the place of a portion of the meat they would otherwise consume. I am very well aware that such hygienic advice might come more appropriately from a phy-Professor's Preyer's experiments with the sician than from a chemist, and am therefore glad to be able to quote from no less an authority than Sir Henry Thompson, modest apartments, drive in cabs, and give who urges "the value of fish to the brainworker" on the ground that it "contains, in smaller proportions than meat, those materials which taken abundantly, demand The pike is an important fish in folk - first of that which is red, and second of much physical labor for their complete consumption, and which, without this, produce Democrats, who are now in Europe, and an unhealthy condition of body, more or less ercise of the functions of the brain."

FRUIT DIET IN SUMMER. No reasonable amount of fruit, if eaten when ripe and during proper season, will induce diarrhœa in healthy subjects. Paris in search of the rudiments of educa-Many erroneously attribute summer dysentery or persistent diarrhea to excessive in-London, Eng., on the site of the new pre- over-abused stomach, indeed, fruit may mises of the Junior Travellers' Club, have possibly prove inconvenient, for the digespeople cut off the flesh on one side of them, brought to light many interesting objects. tive system may be so far impaired as to ing husbands and children, struggle here assimilate only with the greatest difficulty during long years, in a vain effort to win the most natural and wholesome of foods. distinction in the arts, only in the end to depth of about sixteen feet from the surface. people generally, however, this does not failure. In piercing some of these great difficulty apply, and a fruit diet, so far from being was experienced on account of the toughness noxious, will, on the contrary, prove highly of the substance of which they are construct- beneficial. Its cooling and antiscorbutic All along the charming gulf coast from ed. This having been overcome, a series of properties are eminently calculated to purify Mobile to Bay St. Louis, or, in the other subterranean passages, apparently connect the blood, cleanse the tongue, palate, and there is not a cot, no matter how lonely or gases and contained a vast quantity of rubbish, and, as a necessary corollary, induce a clear and fresh complexion. A person who in honor. The scuppering vineyards, too, are able are a red granite temb dated 1509, rarely feel that oppressive heaviness after the concert halls of this famous singer. Near some bronze armour, several fowling pieces meals, which is so commonly complained of, the home of Mr. Jefferson Davis, and, I richly embossed, a lamp and a large quanti- or be inconvenienced by heat rash. A heavy meal of animal food conduces to oppression, accumulation of the products of decomposiwould recommend a liberal amount of fruit, either directly before or at breakfast, banishing from the table the customary would eliminate entirely every particle of been worn a week. flesh, and substitute either solely composed of uncooked fruit and dry bread, brown or change improve their health materially and increase their enjoyment of life to an extent of which they can hardly conceive without a

free acid contained in it (in the case of the strawberry and gooseberry about one and ahalf per cent., in that of the raspberry and currant rather more), besides being an effective antiscorbutic, acts as a calcareous more generally, would mean less gout, less gravel, less urinary calculi, and other more orange or lemon would be a far better "eye opener" than the matutinal cup of tea or It is announced that Captain Renard, somewhat bilious rum and milk which cer-

> With regard to children, we consider gastric disturbance.

Provide for Your Daughters

E. Shuster in the North American Review, makes the suggestion that if parents would lay by some money for their daughters the endless complaint about the helpless young ants in bakeries, the Philadelphia Record woman who does not know how to do any- says: thing and has no money to live on or to says "My proposition is meant, not for family of moderate means blessed with daughters.

pond in a measure to the endowment plan each of which does a large business, and in of the American assurance companies. The every case chrome yellow was found in use. best known is the 'Wilhelmscasse,' named The proprietor of one of these, a prominent after the Emperor, who is its patron. At uptown baker, was exceedingly indignant the birth of a girl the father and mother in- at the appearance of President Amerling, sure her (kanfen sie ein) in such a case for and stoutly denied using the poisor. as they are able to bestow on the future of | "Well, what do you use?" asked the presitheir new born baby girl. The amount is dent. "Why, canary yellow, and that's paid annually. The cause lays out the money in behalf of the insured, at interest, self. chiefly in real estate. In this way the monev accumulates, and at 18, on her majority, the girl is the possessor of a snug little capital. This will serve her to study any favor- under pain of prosecution. He had been reed profession, go to some good conservatory, ported to the society by a gent'e nan who or start in business; and last, but not least, stated in a letter that his own family and a buy her trousseau, if she has a chance to follow woman's truest mission. Now, why can not well-to-do American women establish such a way of providing for their less the society at No. 142 South Sixth Street, fortunate sisters. What a blessed gift from a godmother to a poor little girl such an in- using the poison, and President Amerling surance would be. I truly believe it would is accumulating a mass of evidence against give zeal and encouragement to many true, offending parties. The aim of the society, poor parents, if by this small economy they however, is to improve and educate, not to could help to provide for their dear ones. prosecute, and the evidence will only be It is better than a life assurance, for it takes away the "sting of death"-all may live continue to use the poison. It is estimated and enjoy the fruit of their economy. How by the coroner that fully 50 per cent. of the much better a yearly outlay would be, for bakeries in Philadelphia have been conpeople in moderate circumstances, than in costly toys and extravagant dress, by which children are brought up to expectations.

A Prevalent Mistake

The mistake of my life, says an American mother, was bringing my daughters to Europe to be educated. One is married in Germany and one in Italy, and as I prefer very severe muscular work or exposed to living in my own country, I must leave them and go home alone, burdened with the anxiety that sooner or later my daughters may also feel the same yearning for their native land and early associates, and find when too late that wedding foreigners is a grave n.istake. The broad difference in National habits, tastes, and opinions are not Turner's yellow ..... Oxychloride of lead readily harmonized.

Some say they come here to live more cheaply, as house rent, clothes, servants, amusements, can be obtained for less money here than in the United States. If these European Americans were as rational in Naples yellow..... their expenditure at home as here, the difference would be triffing. In America they live in large houses, keep horses and carriges, entertain company. Here they keep

a few dinner parties. The present difference in price in all kinds of clothing enables some travellers to almost pay for their voyage. No doubt our distinguished statesmen, both Republicans and who have advocated protection in the halls of Congress, will lay in a supply of clothes for some time to come, while the laboring masses at home will go on paying high prices for similar articles.

It is a grave mistake for the multitudes of poor students of both sexes to crowd to tion in the art and science. Most of these might have learned their incapacity by dulgence in fruit. This doctrine we have studying a few years at home. The craze Mountain blue .... The excavations proceeding in Piccadilly, always held to be an exaggeration. To the for art is beyond all comprehension. Young girls by the dozens, without parents or tions a series of well-formed arches at a With children and robust and healthy be doomed for the most part, to positive

Faise Modesty.

"One who knows," says that in the matter of dress ladies will do well to pay quite direction to St, Mark's and Tallahassee, ed were discovered. These were full of foul stomach, cause gentle and regular laxation, will remain unseen by the general run of her as much attention to what it is supposed friends and acquaintances as they do to the outward and visible parts of their toilette. is not a pair of mocking birds to do it have been found. Among the most remark- dulges in fruit diet during summer will A handsome dress and stylish hat are all go a very little way if the skirts are of a afraid to lift them when crossing a muddy her stockings. Besides an accident may tion. For a diet during hot weather we happen, and then picture the confusion of a find herself with her dress open and haf a dozen strangers contemplating a soiled corbacon and salt or cured fish. From the set the whalebones of which project from midday meal of people who dine late we their seams, or a coarse chemise that has

> It would be well if young women were taught early in life that there is a false whole meal being preferable, or fruit and shame and an affectation of modesty as unfarinaceous puddings with milk. Great lovely as any coarseness and which disgusts active workers alike, would find such a be on the qui vive for innuendoes, to have a smart faculty for extracting the bitters of evil from any good, is all wrong and all immodest. To see harm where harm is not Fruit is of great medicinal value, for the who thought she should die of shame because some gentlemen came into the gallery where she was alone with the statue of the Venus mightily, advertised a modesty that was possibly only skin deep. A blush is somedisolvent. Free fruit diet, if persevered in thing sacred to pure womanhood, and it is a sad spectacle for thoughtful eyes to note a or less kindred diseases. In most cases an that she pretends to be shocked at things which simple, unaffected candor is far from thinking on at all - Catharine Cole.

A pretty story is teld by a newspaper correspondent of a little Italian child sent as well as in her youth, by her vivacity, her for balloon steering and propelling. The that an unlimited diet of fruit would do no out from Boston for a week in the country. wit, and her unfailing resources of mind. balloon made by bim two years ago could harm, always provided it was indulged in When the time approached for her coming Harriet Mary, Lady Ashburton, who so not make headway against a current of the during the day, and not after a heavy meat back to town she asked the woman having vexed Mrs. Carlyle's jealous soul, was nei- velocity of more than five meters a second, meal or late at night. Strawberries, goose- charge of the party if she could not take ther young nor beautiful, yet "Jeanie," that is to say, against a light wind. It is berries, plums, cherries, etc., are not only some grass home. She said there was so before she had learned to hate her, calls affirmed that with his invention the balloon nourishing, but their use does away with much grass in the country she thought her "the most amusing and most graceful will be able to resist a current of double the the oppressive feeling so often suffered by perhaps somebody would spare her a bit, woman of her time!" Whether or not the strength. If it is true it is a step forward children after meals, keep them cool, and and she had reasoned out in her wise little sant works every day and dances half the charms of this grande dame proved danger- which may render balloons really useful in out of mischief. Almost invariably, when head that a turf would be more sure to live ous to the heart of the Sage of Chelsea, she time of war. Captain Renard is so confi we trace inconvenience from fruit eating in than a flower; "because," she explaimed, played well her role of precieuse, according dent of the success of his new propelling children, we find that the feast has been a "it has so many roots they'd be sure not to to Mr. Greville, inspiring ardent admiration mechanism that, in order to prevent the clandestine one, and the distressing symp. all die." A turf was given her, set into a in the minds of such men as Charles Buller secret being discovered, he is having each toms are probably due to over-indulgence in square tin box, and all winter it was careand John Stuart Mills. The husband of piece of the machine made in a different unripe or hot fruit. Proper supervision in fully tended in the dingy attic where the this precieuse, who figures so often in the establishment and in various parts of France. the distribution of fruit to the juveniles is child's family lived. And the prettiest part Carlyle "Life and Letters," was the grand- When they are all finished they will be sent all that is required. Fruit should be ripe of it all was that in Christmas week a little son of the once celebrated Philadelphia to him and he himself will put them together and cool; hot from the rays of the sun, it pimpernel that had sprung in the midst of in diet seems to be the pre-requisite of enbeauty, Mrs. William Bingham. Her daugh- It is said that the machine will be completed becomes less digestible and more likely to the turf put out two tiny red blossoms. ter, Anne Bingham, married the first Lord by about the end of next month, when the do harm, often inducing more or less acute The child was happier over her flowers than of splendid blooms.

## SCIENTIFIC

Poisonous Bakery Adulterations.

Concerning the use of poisonous adulter-

Notwithstanding all that has been pubstart a business with would be ended. He lished relative to the poisonous character of chrome yellow as a coloring matter for working women only, but inc'ules every buns, cakes and pastry, President Amerling, of the Society for the Prevention of the Adulteration of Food, states that a "All over Germany exist what are called large number of bakers are still using the Sparcassen' (savings banks), which corres- stuff. Recently he visited five bakeries, not poison. I'm not afraid to eat it my-

> The matter, when shown, proved to be nothing else than chrome yellow. The baker was cautioned not to use it again number of neighbors had been made sick by eating buns purchased at his bakery. Letters are beginning to pour into the office of giving information as to bakeries that are used against those who, after being warned, stantly using chrome yellow.

The following circular has been sent out by the Society for the Prevention of Adulteration of Food to the bakers and confec-

You are hereby notified that the enumerated colors herein are poisonous, and if you persist in the use of any of them after receipt of this n tice, you will be prosecuted to the full extent of the present law :

COMMON AND POISONOUS COLORS

King's yellow ...... Sulphide of arsenic. (Basic sulphate of mer-Turpeth mineral ..... Chrome Yellow ...... Chromate of lead. . Chromate of zinc.

Chromate of barium. Chromate of strontia. Oxides of lead and of anti-Clay and hydrated ferric Yellow ocher

Mosaic go d ............ Sulphide of tin. Minium ......Oxide of lead. (Basic chromate of mer-

Realgar ..... Sulphide of arsenic. Red ocher. .... Ferric oxide. Chrome green..... Chrome oxide. Oxides of cobalt and of Cobalt green(Rimmam) Mountain green. .... Malachite green.

Scheele's green...... Arsenite of copper. Verdigris. ..... B sic acetate of copper. (Slicate of alumina and Ultramarine..... soda with sulphide of

..... Malachite blu?, (Sile te of cobalt and po-Smalts ..... tas-ium. Antwerp blue. Ferric ferrocyanide. Insoluble Prussian blue Ferro p tassic ferrocy-Soluble Prussian blue Indigo.....

Manganese brown ..... Binoxide of manganese. Vandyke brown ..... Ferric oxide. Burned sienna ....... Clay colored with oxide of Burned umber..... iron and manganese.

. Basic chromate of lead.

One hears a good deal about the 'kitchen mothers" and the "parlor daughters-" Many times this is the fault of the mother herself. She loves her girl and wishes her very well as far as they go, but they may young life to be free from care and work. She looks back herself, perhaps, to doubtful whiteness or if the wearer feels | the time when she was a happy, free hearted girl as the happiest time of her life and excessive heat, slow and irregular digestion, street for fear of betraying the condition of she wishes her daughter to enjoy her home and remember it in after days as the one pleasant place on earth. She is proud of woman who recovers from a fainting fit to her child's white hands and does not wish them to get rough and brown in such homely domestic service as making bread and washing dishes. The mother may be a plain, sensible mother on all other subjects but this. Here the "mother love," which is truly wonderful, con es in and makes too unselfish and too generous. She likes to hear her Lizzie play on the piano. She herself gave up her music when they moved on to numbers of people, invalids and strong, and repels as effectively as brazenness. To the farm and the children came fast and thick, but she is fond of hearing the new songs, and Lizzie sings them "so pretty," everyone says. She remembers how her young friends used to come and sing with intended is immodest. The young woman her, and Lizzie looks like her, is stylish and pretty, and is always in demand for church socials and pienics. She belongs to a literary club and her essays are talked about as of Milo, who fell into confusion and blushed being more than good. She paints a little, embroiders a good deal, and the parlor is brightened up with her work and taste. Somebody most be ready to see company and who can do the honors so well as Lizzie. young woman so far gone in the improprieties | So Lizzie is kept out of the kitchen, no matter how anxious she may be to help mother to do the cooking, and, feeling in her secret soul that work ennobles rather than degrades, she becomes a "parlor ornament" while the mother toils on in the kitchen.

"The Roman soldiers," says the Scientific American, who built such wonderful roads and carried a weight of armour and luggage that would crush the average farm hand, lived on coarse brown bread and sour wine. They were temperate in diet and regular and constant in exercise. The Spanish peanight, yet eats only his black bread, onion and watermelon. The Smyrna porter eats only fruit and some olives, yet he walks off with his load of 100 pounds. The coolie, fed on rice, is more active and can endure more than the negro fed on fat meat. The heavy work of the world is not done by men who eat the greatest quantity. Moderation durance.

Frescuelo, the bull fighter, has been offer-Ashburton, and this William Bingham Bar- invention will be put to a test without de- febrile symptoms, together with evidence of many people are over a whole conservatory ed \$50,000 for four performances in the City of Mexico, and he has accepted.