Bohemia Nugget

HOWARD & BROWN, Pales.

COTTAGE GROVE OREGON.

It's about time for Mr. Edison to

abolish the horse again. There is little hope for the young

college diplema.

Employes of the steel trust seem disposed to look that profit-sharing gift horse in the mouth.

The 'sllent' partner in an English firm has decamped with half a million dollars. Another proof that elience is

Henry Watterson says the "smart set" is doomed. But the smart set

There are said to be 1,000,000 mor

phine fiends in the United States, but this estimate may have been dreamed by one of the frateralty. A Missouri court has decided that

the mule is a treacherous animal. Let us hope the court's decision was due merely to hearsny evidence. Say, but the lasiness germ takes a

bite out of the boy when the latter faces up a cord of hardwood and father hands over the bucksaw. England calls the American method "shirt sleeve diplomacy." Honest, straightforward methods, saying what you think, have indeed broken all Eu-

It is estimated that the peaceful blockade in Venezuela will cost the blocknders about three times the amount of the original debt. besides scaring everybody half to death,

ropean precedents.

Parisinn society women now put rubber boots on their pet dogs when they are taken out in the rain. Pity the case of the society woman's pet dog What shame must fill its beart when it meets other dogs.

A club woman proclaims that men should share in domestic labors-belp to look after the house and wash the dishes. But why should club women insist on men doing something that they wouldn't do themselves?

Now a German poet has set his quill lance against Kipling and declares that by writing "The Rowers" the Euglishman has wiped himself from the memory of all Germany. Let the poets fight it out and demonstrate for all time that the pen is mightler than the

After a hasty glance over the statement of earnings of the Standard Oil Company for several years past we lean slightly toward the conclusion that the company's plan for pensioning its aged employes will not force the concern into bankruptcy for at least two years.

An authority on the subject says: "A corn on the foot is an effort of nature to protect the soft tissues of beating a worthy opponent. the toe from undue pressure, by forming a hard or callous substance to receive it." Then all we can say is that Nature, if it considers a corn any "re-Hef" from anything, is laboring under

Maine has discovered that gamelaws are profitable. Between eight and ten thousand hunters from other States visited the Maine woods during the hunting-season, and paid from two to three dollars a day to the licensed guides whom the law requires hunters from without the State to em-Counting what they spent on hunters left a million dollars in the

And now it is stated that China has anthracite coal fields that are lim mensely greater than those of Pennsylvania. It is hardly possible to see anything nowadays without finding etty soon that China saw it first. It seems as if about the only things of which China is shy are an appreciation of its own resources and an ability to make use of them. However it may be just as well, as these with some very desirable spheres of influence, which will eventually, doubt, transmute the natural wealth of the country into the coin of the various realms represented.

Simplicity and economy are to be the watchwords of the women students at one of the great Western universities. Expenses for decorations at parties and banquets are to be reduced by the use of tissue-paper hangings instead of smilex and ribbons. The large orchestras are to be cut down to five pieces; invitations and programs to be erinted plainly and without ornamen tation; refreshments to be limited to simple and inexpensive dishes. All this because the college entertainments have become a burden upon many of the students. The girls have wisely concluded that social life from which any are debarred by expense is What again it would be if their example were followed by ac clety outside of college!

When a man is depressed he may be sure that the indulgence in physical actions characteristic of depression such as moping and sighing; will still more increase his depression, while his first attempt at more sensible conduct will prove that the deliberate and at first artificial assumption of cheerfulness and activity will, after a while actually bring about a more cheerful frame of mind. Slow movements, slow speech, physical action of every kind deliberately rendered slow, is an antidote to the irritation of a man harassed and pressed with affairs, which good sense will suggest to him, althe psychological theory of attaining is a desired condition of mental quiet by, after the same people. "The other fellow" is a feet the same people.

at first, imitating the bedlir gesture of a calm mind. On the other hand. the giving way to quick, irritated bedily movements is sure to cause an acession of frritability

A Wisconsin Justice has given a hard knock against that good old adage which says that blood is thicker than water. A Milwaukee couple brought cult before the justice against two of their second consins, who came upon them for a friendly visit and remained man who borrows money to frame his with them five weeks. They sued for \$55 for board. The justice held that the claim was just and the visitors had to pay. It was of no avail that the risitors plended relationship. Futile was their plea that they did not agree to pay board. Equally unaviling was the fact that the plaintiffs had urged them to stay. It is proverbially an in-

> yous energy to make a certain num- don Morning Post. ser of strides of a certain length with great rapidity. A physiologist should be able to tell us within a fruction of a second just what is the theoretical limit for this distance. But the facts have in the past played havec with such theories. For a matter of ten years, ten seconds seemed the shortest time for a hundred vards. A dozen athletes equaled it; none surpassed it. Yet since that time the record has gone. down by fifths of a second to 9 3-5. But the limit is clearly being approached. Not so long ago the mile record was successively broken by many seconds at a time; this year a great English runner, after several unsuccessful trials, beat the previous four-mile record of 19 minutes 33 4-5 seconds by just two seconds. If the limit has not been reached earlier, it is because tracks, training and paraphernalia of sport have been gradually improved. But the time is well within sight when the idea of record-breaking must be given up, or else performances must be measured by fractions of time smaller than a fifth of a second, and by distances and heights reckoned in less than quarters of an inch. The prespect of running records won by hundredths of a second, and weightthrowing records determined by triangulation and a jury of mathematical experts, is not alluring to the imagination; yet to this complexion must we come, unless we are willing to forego the somewhat facilities Joys of record-breaking, and to fall back upon the more primitive satisfaction of merely

Advertising may properly be considment from which he has a right to exguides, hotels, camp rentals and rail- pect quick and large returns, but in road fares it is estimated that the making this investment the merchant must be as prudent in placing his an It is evidently profitable as nouncements as is the careful investor well as humane to protect game from of cash in selecting bonds or property. Philadelphia Record.

> what you don't do is worse than not toward him most of the time. advertising at all. You can't be too careful about this. Make your ads. will bear repeating and reiterating kerchief counter. and the advertisee, too.

If you toot your little tooter and then lay aside your horn, 'here's not a "There's trouble ahead." oul in ten short days will know that humping is the man who makes it pay. tended to examine a fur scarf that The man who advertises with a short, hung near the door. a sudden jerk, is the man who blames e plans his advertisement in a on her face. thoughtful way and keeps forever at faith in all the future, can withstand a sudden shock and like a man of cripture has his business on a rock.

The way to think of advertising is o consider first the goods you have, to see if they are really desirable. Then figure on the number of people likely to see your announcement in the paper, the proportion of possible enstomers among that number, and what you can afford to pay for each dollar's worth of new business. That will give you the size of the ad. you ought to use. Then make your ad. clear, togical, convincing. Don't try to be funny, unless you are naturally so, and even then don't do it too often What people want in an ad. is exact, definite information. It ought to given to them in a smooth, more or less argumentative way, and as strong-



OPINIONS OF GREAT PAPERS ON IMPORTANT SUBJECTS

How to Succeed in Life.

"HE problem of how to succeed in life will always exercise human minds and human curiosity. Every successful man has, no doubt, a theory by which to explain his own success, and some of them have been generous enough to publish these to the world. According to a famous American millionaire, if we remem-ber aright, to be industrious is to succeed, but that dictum hospitable age, but it would seem that must have been delivered in an optimistic moment, or out of a spirit of modesty which would disclaim for itself any invited guests must still have some of a spirit of modesty which would disclaim for itself any rights, in law if not in etiquette. But other virtues. We cannot credit that industry alone, or the Justice, who has evidently had ex- even joined with temperance, will necessarily achieve sucshows no inclination to take the Col-perience himself, is of the opinion that cess; and Dr. Max Nordau confirms our scepticism. Dr. onel seriously.

The perfunctory "Stay longer-do" Nordau in his instructive essay on "The Conditions of Sucthe perfunctory "Stay longer—do" Nordau, in his instructive essay on "The Conditions of Suc-must not be taken too seriously. Po-ress" in the Formightly, divides success into three classes. ess is one thing, and provisions at one pecuniary, another political, and the third artistic. high prices are quite another. If the should be pleasing to artists generally to know that to the precedent established by this judge is last he confines the use of the word "fame." Dr. Nordau to become general law it must behoove warns us not to despise money, which we should hardly all persons contemplating a visit to de- have looked on as necessary advice in these days. He also mand that a receipted board bill be considers that unusual qualities go to make money, quali-forwarded with the invitation. the "not possessed by one man in a million." That is not, of course, why he is called a millionaire. It is probable, A query, important to mathematicians and athletes alike, is, What are the natural limits of record-breaking? chances which fall to them. The tide may come once in the affairs of all men, and the flood pass unnoticed by all track and field events have been approaching a limit—a familiar mathematical phenomenon. That limit is whole recording to the affairs of all men, and the flood pass unnoticed by most, but it would look as if some men had many tides. But Dr. Nordau, we are glad to observe, does not on the whole recommend. matical phenomenon. That limit is whole recommend a search after riches. On the other possibly calculable. In the hundred-hand, he approves of ambition to succeed in public life, yard dash, for example, the recording which may come of "honesty, firmness of character, sound of good time means merely the pos-session of sufficient muscular and ner-man, a little geniality, and a little gift of the gab."—Lon-

Study Both Sides,

E are all partisans by nature, and the judicial habit of study both sides of a question must be acquired. But few acquire it. The average man takes his opinious exparts from some blased authority and never bothers to inquire whether they are right or wrong. He accepts statement of fact without question, and, ence having adopted them and lodged them in his mind, it is not unusual for him to resent any attempt to correct them.

It is a matter of observation that the most violent and fanatical advocates and partisans are those who know least about the other side. Ignorance is the mother of bigots, but knowledge tends to make a man tolerant.

No man has a right to have an opinion and no man's epinion on any question is respectable unless he has studied both sides. A man ought to be ashamed to give judgment on any question unless he has beard and considered the arguments for and against.

We decide the weightiest matters without either inforstion or reflection. How many citizens are in favor of free trade or of a protective tariff and yet cannot argue intelligently the great problem involved in the tariff question? Now many people shouted and voted for the free coinage of silver who could not define what the term

If education and culture train a man to study both sides of a question before he voices an opinion of it they accomplish all that can be expected of them. Even amo sides of questions.-San Francisco Bulletin.

A Universal Language.

URING the Parls exhibition of 1900 several congresses and committees met to take up the question of "an auxiliary international language," and signed a report embodying certain conclusions on the sub-A committee was permanently established. with Dr. Leon Leau as its secretary, and it has now begun an active propaganda.

Max Muller. But most of us can remember what happened it takes the form of migration to the cheaper arable lands it ascend or descend only one notch be attributed either to its organization,

twenty years ago, when he put together the ingenious linguistic system which he called Volapuk. Volapuk absolutely fulfilled the requirements of a universal language. It was perfectly simple and unvaryingly regular. Its ve-cabulary was based three-fourths upon words of Tentonie origin and one fourth upon words contained in the Romance language. Its syntax was simplicity itself. ever invent an artificial language better than this. It was taken up everywhere with great enthusiasm. Schools for teaching it ecopped up in all countries. Grammars of it were published in every Occidental tougue. At least twenty lexicons of Volapuk appeared, and no one had a word to say against it. Nevertheless it may be doubted whether at moment there is a single human being who uses it, studies it, or even speaks of it.-London Chronicle,

Letter Writing.

LL children should be carefully instructed in the art of letter writing, and should be encouraged to write to purents at regular intervals when away from An instance is recalled, and such instances are not infrequent, where a daughter who married and left her old home in her early womanhood wrote to her parents every week for fifty years. In too many families tle is broken when children depart, or is not strengthened by faithful and systematic correspondence. The strongest family effection is subjected to a severe test when brothers at sisters separate and very rarely or never renew the old family life by frequent visits or com-

Owing to cheap postage and ease of communication, the rrival of a letter is not such an important event as it was when postage was costly and mult transit was slow. In former days letters from absent friends were warmly welmed and carefully preserved.

Children should be encouraged to write letters, because the habit is educative if practiced under the direction of intelligent parents. Nothing reveals one's knowledge of the language more certainly than a letter or other written effort. Our forms of speech are acquired chiefly in the family, and not in the schools. The accuracy of one's written and spoken language depends upon parents, rather than upon teachers.—Philadelphia Public Ledger,

What the Hague Court Is.

HE misconception that The Hague court is a body of International Jurists that assemble at The Hague whenever called on is so rife that it may be time-ly to repeat how the court is not a tribunal, but consists of a large number of men "of acknowledged skill on questions of international law, possessing the high-est moral reputation and willing to accept the office of grid-ceptible mark upon the glass with a trators" when called on. Each of the signatory powers has particular case, in the absence of any special agreement to marked on each, now go into the bands of live arbitrators, chosen from of another workman, who plunges the plause sank to an ecto, all looke appointed four members of this court. The tribunal in any among the members of the court, two being named by each party to the dispute, and the four se-named choosing the fifth. If they fall to agree on the fifth member he is to be hosen by a power agreed upon, or if no such agreement an be reached, by two powers agreed on. Just how the tribunal to consider the Venezuelan case will be selected will not be known until the terms of the protocol are made public. The Hague treaty intentionally gives a very wide latitude so far as the constitution of the tribunal is conpoist all that the exception to find one who studies both cerned. Its framers were seeking to make arbitration sides of questions.—San Francisco Bulletin. estrictions than were necessary. St. Paul Pioneer Press.

Go Back to the Farm.

THERE is no cure for conditions of depression in where it is laid upon a steeply sloping either organized labor or organized capital. Both table marked exactly in the position depend on the markets and neither the one nor the for a thermometer of that size other can command them. The real remedy for hard A long straight har of wood or mettimes, the enforced remedy for redundant labor, is all extends diagonally across the table on iron as the active principle of enzy-a reversal of the townward tide of population. As a last from the lower right-hand corner to mes, and of living substance. This This idea of a made-up tongue was first suggested as resort mon must dig to live, and they must go back to the upper left hand corner. On the lines been translated into German and far back as 1640 by Sir Thomas Urquhart, and has related the approval of such men as Leibnitz, Grimm and the public lands in the West is a healthy one even where the left it rests in a rachet, which lets that the behavior of protoplasm cannot to such a language actually constructed by Schuyler some of Canada, Philadelphia Record.

TWO BLUE COATS.

The Owners Met in a Great Depart ment Store. mind. But at least one man, who was

cheered his spirit. Near him was a handkerchief counter, and as he idly watched the tide of women surging round it, his glauce was arrested by a remarkably pretty It is advertising that brings in the and somewhat conspicuous blue jack mey to pay all the other expenses, et, curiously braided in black. He Advertising is business insurance, Ad- gazed at it with approval for some vertising what you haven't got or moments, as the wearer's back was

At last he looked away. turned his eyes toward the door, his strictly true in letter and in spirit. I giance fell upon another blue jacket believe that the majority of business exactly like the first. The woman who men do this now, but as it is the most was wearing it was just entering the mportant thing about advertising. It store. He gianced back to the hand-When merchants and laymen come to other jacket, and what was more, consider advertising in its legitimate the eyes of the woman who wore it character of "business news," it will were fixed on the approaching counpay better-pay the advertiser better terpart of her own garment. As she looked, an expression of anger and disgust crossed her face, and the man who was waiting said to himself,

The two women approached each you were born. The man who gath- other slowly, but with evident inteners pumpkins is the man who plows tion. The wearer of the second jack-

"She won't speak unless the other the editor because it didn't work. The one does," thought the man, but he that enormous expenditures by variou man who gets the business has a long and stendy pull and keeps the local the handkerchief counter reached her. paper from year to year quite full; the other suddenly turned with a smile | the Pennsylvania Railroad will ente

> "I know just what you're thinking," of half an hour, aren't you?"
> "Yes, I am," said the other, quickly.

"And she told me the lady who had sought the first one lived in-" odding violently. "Well, I do. She said you told her you wouldn't mind \$1,000,000 for the Trenton bridge. having snother Jacket just like yours \$2,000,000 for improvements in Phila if you weren't afraid somebody who lived within a stone's threw of you, or went to the same church and be

"I've had that happen with a bat, and it's so exasperating?" \$40,000,000 of new capital put into

"How horrid! She said there were of the large outlays to be made by only just two imported, and when I rallways, the effect of which upon —Philadelphia Bulletin,

witnessed an incident which fall, and this jacket wouldn't be warm more Sun. ugh for that season. Well, I'm renl glad we met. I'm glad she was such a truthful girl. You know sometimes they're so anxious to make a sale, poor things, that they-

"I know," said the first comer, now dissolved in smiles. She hesitated a moment, and then bending forward at Christmas. whispered something in the other woman's ear, and then stood off to look

"Yes, that's exactly what I paid," was the gratifying reply to the whis per, "and I think we got great bargains, don't you?"
"Yes, indeed! Good-by;"

"Good-by?" And the little comedy

A CHEERING OUTLOOK

used Expenditures This Year by Various Ratiroad Corporatious.

The Italiway World, adverting to the prevailing opinion of prominent bankleast another year of business activity at the dinner party and was talking ahead of us, and that the railroads, in the work of reconstructing their lines, all day, and the man who keeps it et had a conciliatory air as she pre- and upon which hundreds of millions remain to be expended, will be an allpowerful factor in continuing business activity," gives importance to the fact was mistaken. When the woman from railroad systems are scheduled for the coming twelve months. It is stated upon contracts calling for an expendi ture of over \$50,000,000, provision bay until be makes it pay. He has she said, impulsively. "You are the ing been made for an increase of \$100, aith in all the future, can withstand one who was coming back at the end 000,000 in the company's capital stock ing been made for an increase of \$100, Some \$6,000,000 is to go into new yards and buildings at Pittsburg, \$10,000,000 er day!" into real estate, etc., in New York City, \$5,000,000 into the new union

> delphia. The Baltimore and Ohio also has work in contemplation that calls for longed to the same clubs would buy the yearly expenditure of many mil-"That's just exactly what I said," 000,000. The New York Central has admitted the other woman, with a re- \$25,000,000 to spend on general imlenting expression about the corners of provements. The Southern Pacific and old Central Pacific are to have nearly "I know. I bought a golf cape once them. Atchison, Topeka and Santa Fe one of three; and both of the others will spend \$20,000,000 on new lines in Oklahoma. And these are but a few

station in Washington, \$3,000,000 inte

track elevations, etc., in New Jersey,

went back, and she said a lady from business must be very considerable. Providence had bought it and worn The mines, the fornaces, the machine it off, I felt perfectly safe."

The mines, the fornaces, the machine it off, I felt perfectly safe." shops, and the factories will be kept "Bargain day" in a city is generally of romedies and tragedies, which appeal especially to the femining which and i just had time to run in. I will doubtless feel the benefit of the last one man, who was

No Presents for Him

of his maiden auni's gift-giving scheme the underside.

The boy happened to be in the room at garden hose. ster nunt's teeth enused him speechiess

an age when she doesn't want to look it, and she "touches up" her hair and es after the make-up box a-plenty. ing and business men that "we have at | She was fixed up pretty splendiferously animatedly at the table with a widower tice," when the angel boy, from his little chair down at the end of the table, piped: "Auntle, auntle!"

"Well, what is it, precious?" inquired

he spinster nunt. "Say, suntle," said the kid, smid the demn hush which usually falls upon table company when one of the oungeters of the family is about to say something cute, "show 'em how you kin spit out your teeth an' then swaller 'em again, like you did the oth-As observed above, the presents that

that boy didn't get from his maiden aunt on Christmas would fill a large folio catalogue.-Washington Post,

Too Settish to Carve. "Did you never learn to carve a tur-

key? "Never," answered the intensely seltish man. "I could never see the wisdom of putting yourself in a position where you must offer everybody his hoice and content yourself with whatver happens to be left."-Washington

Just Makes It. "She borrows everything she can

"Oh, no; she never borrows trouble."

THERMOMETER MAKING

How Boiling and Freezing Points Are Found and Degrees Marked.

The making of a thermometer may be either a delicate scientific operation or one of the simplest tasks of the skilled mechanic, according to the sort of thermometer made. With the extremely sensitive and minutely accurare instruments designed for scientific

tifle instruments, but most makers pre-fer alcohol because it is cheaper. The City Appeal had just started to run, holds each bulb in turn over a gas jet the paper this afternoon. until the colored finid by its expansion. In connection with a slight affection entirely fills the tube. It then goes of the late Mrs. Ulysses S. Grant's eyes. in the frame.

any thermometer when accuracy may not always to be had and a little machine resembling a sausage grinder is brought into use. This machine shaves a block of fee into particles, which answer the purpose as well as snow. When the bulbs have been long enough in the melting snow a workman takes them one by one from their bath, sein their ing each so that his thumb nall marks fine file, and goes on to the next.

bulb into a vessel filled with water

With its individuality thus established, the tube goes into the hands of a marker, who fits its bulb and book

The frame, whether it be wood, tin 100 or brass, goes to the gauging coom

Express.

BIGGEST CRAB EVER FOUND.

ouse, at which the maiden aunt was museum by Eugene G. Blackford. It value, ne of the guests. The aunt is just at took more than a month to mount it,

It is supposed that the glant crobs grow to twelve feet in diameter, says the Detroit News-Tribune, but the one in Brooklyn is the biggest ever enptured. Not many of them are cuptured-not more than ten or twelve a year-although the Japanese are fishing over the grounds where they are found all the time. The Japanese fishermen set lines sev-

eral miles in length, with many hundreds of books, which are sunk to the floor of the ocean and left over night. When the lines are hauled in the next morning all manner of extraordinary things are found attached, from giant crabs to sea lilles.

Popcorn Is Excellent Food.

her, she went on:

not suffering for sweet girls for added to the burden .- New York Sun. brides.

"Well, there is one thing sure, and land Plain Dealer.

****** COOD ************

A write in the New York Times says are instruments designed for scientific uses great care is taken and they are and struggling newspaper writer kept in stock for months, sometimes in San Francisco, a lady of his acycars, to be compared with instruments that are known to be trust quaintance saw him one day with a worthy. But so much time cannot be cigar box under his arm, looking in at speni over the comparatively cheap thermometer in common use, and these are made rapidly, though always care-fully. ully.

Mercury is generally used for scientific lastruments but men for scientific las

alcohol is colored red with nulline dye, the late John Mackay rushed in to the which does not fade. The thermometer maker buys his glass tubes in Davis in an excited tone of voice: "Sam, long strips from the glass factories stop the press! Stop the press!

The glass blower on the premises cuts "What's the matter, John?" Davis these tubes to the proper lengths, and with his gas jet and blowpipe makes Crooks" (famous for his stingliness)—the bulb on the lower end. The bulbs "old man Crooks has just presented a are then filled with colored about and brok of grobe to the relative bulb of the property about and brok of grobe to the crops." are then filled with colored alcohol and peck of applea to the orphans' home, the tubes stand for twenty-four hours, and he'll be broken hearted if you don't On the following day another workman have a column and a half about it in

back into the hands of the glass blow- a very pretty story is told, indicative of er. He closes the upper end and turns clemeral Grant's tender devotion to her. the tip backward to make a little book. When he was President she became which will help keep the tube in place somewhat sensitive about her eyesshe suffered from strablamus and con-The tubes rest until some hundreds suited a specialist to see what could be of them, perhaps thousands, are ready, done for her. The specialist told her Then the process of gauging begins, he thought he could improve her eyes, There are no marks on the tube and but the operation would be pateral. the first guide-mark to be made is the She consulted her husband to learn freezing point, 32 degrees Fahrenheit, whether he would advise the operation. This is found by plunging the bulb "Fon't have it done, dear," said the late melting snow. No other thermon, General, pressing her cheeks with his eter is needed for a guide, for melting two hands; "let those dear eyes stay snow gives invariably the exact freez- just as they are. If they were changed ing point. This is an unfailing test for I might not recognize my sweetheart.

The late Col. Thomas Ochiltree once he suspected. But melting snow is upset Lord Lousdale, when that noted Englishman was entertained in New York on his way home from an expedition to Alaska. His lordship was regarded by some of his admirers as a wonderful explorer, and a dinner was given in his honor by Herman Oct. In the course of the evening Lord Lorsdale told many thrilling stories, and an audible "Oh!" the exact spot to which the fluid has around the table when he finished telling of a petrified forest in Africa, in which he found a number of petrified The tubes, with the freezing point lions and elephants. As the Englishof another workman, who plunges the bulb into a vessel filled with water to Cobilirse to defend his nationality kept constantly at 96 degrees. This and beat this perified iton story, is murked like the others and the rule. "Texas," said the Colonel, after a is now supplied with these guide pause, "has its petrified forests, but, almarks, each 32 degrees from the next. Though they contain no petrified flons, they are remarkable for having petrified birds flying over them." sense," said Lord Lonsdale; "that is into the frame it is to occupy and impossible. Such a phenomenon is commakes slight acratches on the frame corresponding to the 32 degrees, 64 that's easily explained," responded Coldegrees and 9d degrees marks on the gravitation down there are petrified,

CHEMISTRY OF LIFE.

Mystery of Vital Principle Probed by Dr. Sacharoff,

at a time. Each notch marks the ex- its chemical composition or its strucact distance of two degrees. London rure and suggests that all the vital processes arise from decompositions of the flying substance in consequence of the access of oxygen followed by a stranded near the door of a big Boston after large outlay, provided everything goes then in the Brooklyn Museum of Arts of yielding compounds which can be ton department store, waiting for his this creature is under from 600 to 4,000 concludes to be iron. Vital phenomena fact of water. The crab measures 1114, arc, he says, set up by the exidation of feet in diameter and for the most part iron in the living substance with sub-Up on Columbia Heights there's a it has a very beautiful complexion—sequent or concurrent hydrolysis. His manual little boy-che-lid with many for a crab-ranging from a delicate experiments lead to the conclusion that flaxen curis and ultramarine eyes like old rose tint on the top of the carapaco there exists in all enzymes kyn in mincoss agates, who was totallly cut out and legs to a pale brownish shade on tite quantities containing nuclein, and he calls this hypothetical substance The two front legs have the usual blo-nuclein. Now the chemistry of all About ten days before Christmas the crab claws, which are big enough to vital phenomena must be fundamental maiden dunt was visiting her sister, crush a man, but the others end in ly the same, and the processes, which the boy's mother, when, in a violent parrow brown hoofs without toes. The are the foundation of engine action, expl. sion of laughter, her store teeth eyes on the branches are enormously must also be the foundation of all vital came loosened and fell on the floor. large and the feelers are as big as phenomena, and all must depend on the exidation of bio-nuclein, Th the time, and the dropping of his spin- The crab was taken off the Japanese he traces throughout all the variety gonst and formed a part of a collect of cell modification. Competent special maxement. tion made by Professor Bashford ists regard his work as worthy of care-Three evenings later there was a diser party at the Columbia. Heights and it was presented to the Brooklyn soon to pronounce upon its lasting

> Burden a Soldier Bears The weight carried by the American

soldier in heavy order is disclosed by the chief of ordnance in his annual re port when he discusses the need of an intrenching tool. It appears that one of our infantrymen carries an equip ment of 76 pounds 15% ounces, so he marches not so much more lightly than his foreign brothers in the military service. His equipment, in its details weighs these amounts: Undershirt, pound 2 ounces; drawers, 1 pound socks, 3% onness; blue shirt, 1 pound l onnees; trousers, 2 pounds; shoes, 2 pounds 5 ounces; leggings, 815 ounces douse, 2 pounds 4 ounces; campaign hat, 6 ounces; woven belf, 1 pound 914 ounces; 200 cartridges, 13 pounds 8 "Popeorn is one of the best foods we owners; rifle, 10 pounds 1 owner; baye-have; people don't begin to appreciate net. 1 pound; scabbard, 1136 owners; " sald Mrs. Mary D. Cham- overcoat, 7 pounds; blanket, 5 pounds; bers, in the course of a lecture on shelter tent, 2 pounds 8% ounces; p n cereals to a class of women in domes- cho, 2 pounds 12 ounces; extra shoes, tic science at the library building in 2 pounds 5 ounces; extra drawers, Brooklyn. And then, seeing the sur-pound; extra socks, 3% ounces; towel, prise on the faces of the women before 5 ounces; tollet articles, 5 ounces; haversuck and straps, 1 pound \$14 ounces "Let your children cat all the pop- mest can, 15 ounces; knife, fork and corn they want. It contains a valua- spaon, 6 ounces; 3 days' rations, 6 ble oil, has high calorific power, and is pounds 12 ounces; canteen and strap, mostly starch cooked thoroughly by 1 pound 3% ounces, and tin cup, 5 otinces. A good deal of weight to pack, even though one-sixth of it is worn on None to Spare. the person; but that intreaching tool is "Tacoma speaks up and says she is needed and probably will have to be

When you hear a man complaining that is that none of the other cities is of having a wife to support it's a pretty suffering from an overplus."-Cieve safe but that the aforesabl wife has to take in washing to support him.