### THE SCRANTON TRIBUNE-SATURDAY, JULY 27, 1901.



HERE IS at least one heart ] soph Jermyn went to New York yesterday afterin Scranton which a great 6 many of the suffering and afflicted of the city believe should be immune from

There is one care and trouble. whom all these unforwoman ones would wish exempt tunate from ills of the flesh as well as sorrows of the heart, for she has probably done more to alleviate pain, to comfort the sick and the maimed and the poor than any other one person in community. Consequently when] the little people at the Lackawanna hospital and the older sufferers, too, who crowd the wards, heard that Mrs. Willard was suffering with a serious sprain of the ankle which would necessitate the use of crutches for weeks, great was the lamentation. Mrs. Willard is improving as rapidly

as can be expected and it is hoped now that her accident will not interfere with the trip to Vancouver over the Northern Pacific which Judge Willard and she have been contemplating.

The announcement of the engage ment of Mr. George T. Slade and Miss Charlotte Hill, of St. Paul. Minn., has been the tonic of conversation in society for the past few days. Mr. Slade, who is the superintendent of the Wyoming division of the Erie railroad, is one of the most popular men who have over come here, in the vicissitudes of corporation and railroad history in this region. Distinguished in personal apcarance and possessed of notably brilliant executive ability, his many fine traits of character in business and social life have won unnumbered friends. His marriage, which will take place this autumn, will give him as a bride the daughter of one of the giants of finance in this age of Titans. Miss Hill is one of nine children, and is a young woman of great charm and exceptional intellectual attainments.

In honor of Miss Grace Clarke, of Honesdale, a mine party was given Thursday night by Miss Minnie Clarke, of Fifth avenue, who is Miss Clark's hostess. The Oxford was the mine visited. Present were Misses Grace Clarke, Maud Thompson, Emma Van Bergen, Anna Rafferty, Helen Boyer, Minnie Clarke, Victoria Mack, Gertrude Haines, Bessie Lee, Mina Gunther, Lottie Jordan, and Frank A. Flynn, James Danaher, Mackie Grimes, W. J. O'Donnell, Henry Lavelle, James Mahon, George Coyne, Leo Campbell, Donald Mackie and Paul Brown.

Mrs. D. P. Scrine, assisted by her daughter, Mrs. Arthur Ackerson, gave AMAMAMAMAMA an afternoon tea to her friends of the American mission Wednesday. most enjoyable time was spent. Those present were: Mrs. Fielding, Mrs. Van Nort, Mrs. Carpenter, Mrs. Halstead, Mrs. Dickinson, Mrs. Hill, Mrs. Weed, Mrs. Harvey, Mrs. Hoffman, Mrs. Bircher, Mrs. Drew, Mrs. H. S. Smith, Master Earl Watkins, Master Tom Watkins, Master Clifford Smith, Master Will Ackerson.

to Lake Scranton and over the boule-vard Monday night was composed of kind act; don't do it. Th specify. The Miss Florence Richmond, Miss Amy Northrup, Miss Jessie Rinnle, Miss

Canaan, Pa Mrs. J. Alton Davis and children are at Lake Wino! Mis. J. A. Lansing and daughter are at Copen-Men, N. Y. Men, H. A. Knapp and daughter are at Say gantsi Mig. S. G. Barker and Miss Barker are at Man Sconsof. C. S. Woolworth and family are summer Mrs. Mr. Benjamin Allen, of the postoffice, is at Atlantic City Miss Hester Worthington is spending the sum mer at Dalton onel H. A. Coursen left yesterday for Cot-Cale tage City, Mass. Mrs. E. J. Lynde and children have returned

Mrs. J. H. Steell and family are at South

rom Clemo, Pa. Mr. W. C. Van Blarcom is at Lake Winola or a few weeks

Archbald and family are a Judge R. lover Bank, N. Y

Edward Everhart is in New York, where he is engaged in business. Mrs. II. C. Sanderson and children are camp-

ng near Hawley, Pa. Mr. and Mrs. William Grucner are spending

he week at Lake Sheridan James Reynolds, ir., and family are in Brook-lyn. N. V., for a few days.

Mr. and Mrs. E. T. Sweet have returned from visit in New York and vicinity, Rev. B. F. Y. Pierce and family are sun

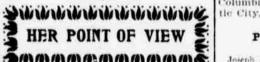
mering at Hotel Majestic, Ocean Grove, N. J. Mrs. W. A. Coleman, Miss Elizabeth Howell and Mr. Will Matthews are at the Pan-American

Mrs. H. P. Simpson and children are at hom from Summit Lake, where they spent the past lew weeks

Mrs. George Griffin, at her home on Market dreet, is entertaining her sister, Mrs. Winten, of Ithaca, N. Y. Mr. and Mrs. J. K. Smith, at their home or

North Main avenue, entertained, last evening, a party of young people. Rev. Dr. and Mrs. George E. Gulld, during Hev, D. and Mrs. George E. Gulla, during the carly part of the week, were guesis of Mrs. H. F. Atherton, at her cottage at Crystal lake. Bert Corwin, of Washington, D. C., son of Captain S. H. Corwin, formerly of this city, is here on a visit to relatives in North Scranton.

Mr. W. F. Jones, the popular vocalist, and Prof .Hayden Evans will spend next week fishing in the neighborhood of Lackawaxen, from whence hey will journey to Buffalo and over the lakes, Mrs. C. E. Tobey and family, of North Park o have been visiting in Susqueinanna county or the past month, have taken a cottage at Col Grove, N. Y., on the Susquelianna river Tobey will join them there about Aug. 1. C. F. Whittemore has been confined for ral days to his bome on Jefferson avenue, wit a severe throat difficulty. He was much roved yesterday and expects to meet his Provi-ence Presbyterian choir this evening and tomor-



"DEAR kind lady," said a nice man the other day, "I do wish you'd warn inoffensive and well meaning mankind regarding a subject which has caused me much mental anguish, to quote a divorce application. I shouldn't say anything about it but. really I think other fellows who have not had the same sad experience may

profit a little by mine. A drag-party which enjoyed a drive Whenever you feel an impulse to do a

than one stamp aplece." "One two please!" that's what they all say, putting down their dinty little coppers. Why whenever I see a woman coming. lways get one stamp ready for I can tell what she'll say. "One two please." They make me tired.

'Now what I want to know is why women buy one stamp at a time, and no more. We've often talked it over. The girls in the office say it's probably because they seldom have much money to waste recklessly on stamps and depend rather upon masculine members of the family for their postage. Dave says it because they're used to buying little bits of things, a spool of thread a paper of pins and that they buy only or the letter they're going to mail that minute. A man doesn't often buy one stamp. He starts to do it, but generally weakens, and ends by laying down a dime. He has a foolish sort of shame about little purchases. I know a fellow who was told by his wife to get three-quarters of a pound of yeal loaf and have it sent up. He bought four pounds-all they had at the market, and when he found his vife almost in tears over the quantity of meat which it would be impossible to use, he remarked with dignity, "do ou think I'd ask them to send up three quarters of a pound of anything? Not

f I know it. "My opinion about women and stamps," added the postoffice man with impressiveness, "is that she buys only one at a time so that she may have an excuse to come down town

oftener. Such a clever man wasn't he? Saucy Bess.

MUSICAL GOSSIP.

The Tribune has received a copy of he new prospectus of the Scranton 'onservatory of Music for the season f 1901-1902. It is profusely illustrated, and is filled with concise, well-written information, which will be of special increst to all who are interested in plano playing-a very large public, indeed The advice to parents is timely and elpful, and the announcement of an "Artist Recital Course," specially planned for the Conservatory students, s along the line of a progressive musi-

al institution The new catalogue is in itself a suflcient proof of the frequent assertions which The Tribune has made to the powerful influence which the Conservaory has always exerted since its ounding, five years ago, in promoting healthy musical atmosphere in this ity.

George Noyes Rockwell, formerly organist at Elm Park church, is now engaged as musical director in a prominent Chicago church

. E. Morse, mandolinist, of the Philnarmonic String quartette, are filling ; en weeks' engagement with the Hotel olumbia Mandolin orchestra, at Atlan-

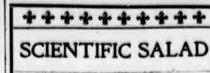
### PLAYS AND PLAYERS. Joseph DeGrasse, who starred with success

he "Cavalier of France" last season, has signer contracts to support Walker Whiteside. pson's production of "Pudd'nhead Wilson."

Shipman Brothers, who recently purchased the cling rights to "Robert of Sicily," by Grace Livingstone Furniss, have made arrangements t

present Mr. Walker Whiteside in an elaborate production of the same during the height of the coming theatrical sesson in New York city, Prior to his New York opening in "Robert of

Walker



"Inaccurate knowledge is a dangerous thing. So in all things let us be accurate."

Readers of the Salad would greatly aid me in my task by asking questions (not pece-sarily for publication), which if possible will with the publication), which if possible will be answered in full in an early issue of the Weckle Balad and their receipt asknowledged immediately by mail. All such communica-tions must, however, as a matter of course, bear the writer's correct name and address as otherwise they cannot be taken into con-sideration.

Professor Koch's Latest Discovery About Tuberculosis in Man and Cattle.

THANKS to an authentic cable report of the lecture delivered by Professor Rudolph ch, the discoverer of the tubercule bacillus, fore the Tuberculosis congress in London on July 23, in the New York Staats Zeitung, I am enabled to give the readers of the Salad so early an account of this next important and in its effects far reaching diacovery in medicine and After having been introduced to the congress

by Lord Lister, the celebrated professor of sur-gry in Glasgow, Scotland, and the discoverer and pioneer of modern attisentic surgery. Dr. and pioneer of modern antiseptic surgery. Dr. Koch, in his magnificent but rather lengthy lecture, made the following important statements, viz.: That in the course of his experi-ments he had arrived at the definite and certain conclusions, that tuberculosis in man is an on tirely different disease from tuberculosis in cat-tle, and further that he had clearly demon-

tle, and further that he had clearly demon-strated, that human tuberculogis could not be ransmitted to cattle and also that the cattle ubecculous could not be communicated to man. Professor Koch also said and emphasized that, wing to this immunity of man toward the cat-le tuberculosis, tuberculous discase could not

caused in man by a transmission of discase rms from the cattle through mills or butter, nd that therefore the costly and extensive preautionary measures of milk inspection with a sutionary measures of milk inspection with a been to prevent the dissemination of tuberculosis n a community through nulk or butter from liseased cattle was useless and altogether un-necessary. In conclusion he said that his experi-ments had also proven without a doubt that the wase was communicated from man to man chief-through the expectorations and other servicions f tuberculer patients and he therefore advocated is isolation of all such patients to prevent ifection of others.

Startling and unexpected as this may seem to next of the members of the medical profession and the laity, it is based upon the solid undation of scientific research, and therefore correctness cannot be doubted, coming as does from a man like Professor Koch. And does from a man fing Processor Roca. And t there have been quite a number of inde-ndent thinkers among the pathologists and in he medical profession like Dr. Ernst, pro-estor of bacteriology at Harvard, myself and nany others who have from the beginning been

skeptical about the identity of cattle and human tuberculosis and have not even hasitated to express their convictions publicly, that the micro organisms themselves, no matter of what kind, were not the original causes of the dif-

erent diseases and pathological conditions, as he enthusiastic adherents of the germ theory of production of disease claim them to be. This opens on the field of thought that consumption is curable, as has been frequently demonstrated, without the patient being desed with so-called germicides with a view to killing the bacterla and thus removing the cause of the disease, and

but the disease with its pathological conditions of the breake with its pathological condi-tions of the breaking down of the hung tissue exists previously to the introduction, breeding and multiplication of the tohercule bacilli in the system, where they are found in connection with consumption, because the product of the patho-

logical processes, the breaking down of the tis-sner, presents to the bacilli their favorite food and lodging and they therefore settle in the

Elmer Burham, who starred in "The Prisoner of Zenda," is especially engaged to play "Tom Driscoll," the villain, in Shipman Brothers' next season's production of "Public disease Wilson." Douglas Paterson, who won honors for his excellent comedy work with Louis James and Katherine Kidder has season, goes with Shipman Brothers' "Pudd'nhead Wilson" company next

living and multiplication of the bacteria.

thus prove the truth of the story. Almost imme diately after the case was placed in the window the scorpion arcmed to grow wild with fright the combined effect of the light and the heat the combined effect of the light and the heat. Then, to make the test thorough, he got a lens, and focusate the sun's rays on it. This com-pletely maddened it, and stree running around the case frantically for a few minutes in its efforts to escape, it seemed to become suddrate desperate, and raising its tail, it such the sting into its own back and died in a few seconds. Light alone will sometimes make a scorptor sting itself, without Lie added torture of heat Cases are on record in which small specimen have been imprisoned under an inverted tumbler and then exposed to the light of a candle. The light seemed to drive them frantic, and after running around the tumbler two or three times, they stung themselves and died,

#### Sugar as a Food.

Sugars and starches, the British scientists are now pointing out, belong to the same chemical amily, and all the starch we eat is converted into sugar of one kind or another in the process of digestion before it can be utilized for the body's nutrition. Now, the sugars are energy a fonce producers, and when they are oxidized i he tissues they give origin to carbonic aciand "the power of doing work" as our hedily profit. Thus, scientifically, sugar is not a body-building food, but corresponds to the fuel of the human engine. Fat is a better food than sugar for force production, but it is **b**r more expensive, and it is not so readily digested. Sugar can however, be converted into fat, and this is what Dr. Pavy regards as the real destination of the sugar, which (in the form of glycogen, or anin starch) is stored up in the liver. We are com-

thus to see that sugar is a valuable food for en tigy production. The Germana are increasing the amount sugar which is supplied in the army rations, and the food practices of various nations, or of met doing laborious work, show sugar figuring prom-nently in the list of their dietetic items. The dates of the Arab are largely magar. The West Indian negro is largely a sugar consumer. Sugar forms part of the diet of Paris horses, with the result of making them more effective workers n training for atisletics, Germanet and Dutch clubs are using sugar rations, regulated, of course, according to physiological data. Alpine climb-ers consume sugar, and cyclicts find chorolate an admirable staying food. The sugar question whus one of much importance,-Exchange.

#### Discovery of Coffee.

There is extant a tale of the discovery of offee a story which might have suggested to Charles Lamb the idea for his "Dissertation on Roast Pig." This is the legend: Toward the middle of the fitteenth century

Toward the middle of the fitteenth century a poor Arab was traveling in Abyssinia, and find-ing bimself weak and weary from fatigue be-stopped near a grove. Then, being in want of fuel to cook his rice, he cut down a tree, which happened to be full of dead berries. His meal being cooked and caten, the traveler discovered that the halt burned berries were very fragrant. Collecting a number of these, and emissing them with a stone, he found that their areas had increased to a mean extent their aroma had increased to a great extent While wondering at this he accidentally le fall the substance into a can which contained his scant supply of water. Lo, what miracle The almost putrid liquid was instantly purified. He brought it to his lips; it was fresh, agree-able, and in a moment afterward the traveler had so far recovered his strength and energy as to be able to resume his journey. The lucky Arab gathered as many berries as

could, and, having arrived at Arden, in Arabia, he informed the multi of his discovery This worthy divine was an inveterate option simpler, who had been suffering for years from the effects of that personaus drug. He tried an infusion of the reasted berries and was so delighted at the recovery of his own vigor that, in gratitude to the tree, he called it cabuah, which in Arabic signifies force.

#### New Method of Packing Butter for Shipment.

Our consul, Mr. Hughes, of Coburg, under date of April 26, 1991, sends the following descripion of a new method of packing butter for long

patient's system and multiply, causing by their life action the formation of certain volatile pois-A light wooden case or box is lined thoros called toxins or promaines, which give soughly at the bottom and sides with a layer of plaster of paris one-fourth of an inch thick, on which common glass slabs, with their edges the to a variety of symptoms, but the micro organisms themselves are not the original cause the disease itself; besides these toxins and fastened together by gummed paper, so as to tomaines may also be produced in the system ithout the presence or intervention of the make a perfect-fitting box, are placed. In this box the butter is placed, packed in good waterbacteria and will produce nevertheless the sum proof paper, in 10-pound packages. The glass top is then put on and scaled carefully with gummed paper bands, so us to mkae the box in the system as those caused by the air tight. A one-fourth-inch layer of plaster of paris is then put over this and the wooden cover nailed on. Each of the cases is made to contain

Tempting Bargains for Saturday AT THE July Clearing Sale Will afford an opportunity for the thrifty to secure specials that are unusually interesting. Just nine numbers in today's list. Women's Oxfords, made of Dongola kid 91C with patent or kid tip; value \$1.25. Sale price ... Women's Button and Lace Shoes; value

JONAS LONG'S SONS,

JONAS LONG'S SONS.

\$1.99 \$2.50. Sale price ...... Women's High Grade Vicl Kid and Don-\$1.89 golo Oxford Ties; value \$2.50. Sale price ... Women's Patent Leather and Strap Sandals, 73c made with flexible soles; value \$1.25. Sale price Women's Dongola Lace Shoes, with patent or kid tip, flexible soles, military heels and \$1.90 English back stays; value \$2.50. Sale price Women's Black Kid Lace Shoes, with pat-00 ent leather tips; usual price \$1.25. Sale price ... Youths' and Boys' Lace Shoes, made of 990 solid leather. Sale price ..... Men's Russian Calf Shoes, in all sizes from 8 to 11 in 3, 4 and 5 widths. Sale price \$1.79

Misses' Shoes, in button and lace with pat-93c ent or kid tips. Sale price.....



Messrs, John A. Foote, guitarist, and

Northrup, Miss Jessie Ripple, Miss with an open work dress on, that is Thomas, of Spokane, Wash.; Miss Maud May, Miss Burns, Messrs, Waite, Will Dimmick, R. R. Weisenflue, Tom Hall and Don Waite.

Mr. and Mrs. E. L. Fuller will entertain a house party next week at their summer home at Shelter Island, among the members of which will be Miss Hunt, Miss Linberg, of Trenton: Miss Wilder, of Rochester, N. Y.; Messrs. Thorne and Neale.

Miss Jennette R. Swift, of North Main avenue, entertained a few of her numerous friends at her home, in the old Oram homestead, Thursday evening, Games of a pleasing character were indulged in, and at a late hour a bountiful repast was served.

The many friends of Licutenant Davis, who has been in charge of the recruiting station in this city, will be pleased to learn that he has received the appointment of instructor in tactics at West Point.

Miss Kirke and Miss Williams, the two charming guests of Miss Alice Matthews, who have made so many friends during their visit to this city. left for their homes on Tuesday.

Rev. Dr. James McLeod returned to his summer home at East Hampton on Wednesday. Miss Boies will be the guest of Miss McLeod for the coming fortnight.

A surprise party was tendered Miss May Snyder at her home, 529 North Hyde Park avenue, Wednesday evening.

Mr. and Mrs. James P. Dickson have announced the engagement of their eldest daughter, Janet, to Mr. J. H. Tolles.

Mr. and Mrs. J. L. Crawford are at the Pan-American exposition, after which they will take a lake trip.

Mrs. A. D. Blackinton is entertaining Mrs. Corwin and her two beautiful daughters, of Middletown, N. Y.

Mr. Robert Frey, son of Dr. C. L. Frey, has gone to Mexico with friends on a summer sketching tour.

Mrs. George B. Smith entertained at luncheon on Tuesday in . honor of her sister, Mrs. Waldron.

Mr. Frank Eaton, the celebrated tenor, of Morristown, N. J., is the guest of Scranton friends.

# Movements of People

Mrs. L. B. Powell is in Boston. E. W. Bryant is at Asbury Park. Miss Maud Eatelle is summering at Dalias. William Craig has returned from New York, Mr. and Mrs. H. H. Brady, jr., are in Buffalo. Mr. E. G. Coursen and family are at Cottage

City, A. R. Whitmore is at Asbury Park for a few

Mrs. George Peck has returned from Pompeli, Mr. and Mrs. J. H. Blackwood are at Lake

S. Yeagara of Capouse avenue, is at Lake

Reed Burns and Mrs. S. Foote are in Honesdale R. M. Goldsmith and family are at Eagle's

Frank II. Clemons, Matshal H-

she had one of those lacy things over her neck and arms that might as well have been nothing-the lace might, I mean. Naturally I looked at her, that was why she wore the lacy things of course, and about the time I began to look a queer kind of a bug-every thing to me is a bug-ex ept a mosquito In that case I'm like the English guard adelphia for a single week, in the automn of 1897, by a cast so efficient as to cause womler on the train, who was called upon to

decide as to the animals to be adegarding its long run in New York city. It is new said that Duse will not be brought over next season by Liebler & Co., owing to mitted to the baggage compartment. Dogs is dogs,' said this personage seridisagreement between her and that firm re ously, 'and cats is dogs, but a turkle rding her perquisites apart is an insect,'so to me all the other numeration for her services. It is though six-legged creatures are bugs. 1 susthat Liebler & Co. refuse to accede to Disc's wish that she be permitted to give D'Annunzio's "The Dead City," and that they do not regard pect I should call them beetles but I

don't, they're plain bugs. or plan to have that nother to accompany is the part of commercial wisdom. With This one wasn't so plain, however He had guady green stripes down his back and more eyes than fall to the lot of a plain bug. He was having a beautiful time exploring the pattern

reached my corner."

the deuce."

of the point of view.

. . .

the author of "The Flame," in which he amelessly described als entire affaire-de-cocur of that girl's lace across her shoulders. Once in a while he'd slip off the crosvith the actress previously to their sensational sing and put a scratchy looking forenarrel and separation of two years ago. The Weber & Field's Burlesquers are to effer foot on the girl's flesh. Then she'd squirm a little but she didn't know the a skilt on Sardou's "Diplomacy" in their first bill of the session, which, for them, is to begin early in September. This well-made drama of bug was there and he liked the situ-Nobody could blame him of ation. Seribe school contains scenes aplenty cap course. I felt that it was my duty to able of being builesqued delightfully; and last knock him off. I tried to do it and he

eason's revival of the play may, possibly, have awakened erough interest among theatre-goers to flock to see it cartooned. Weber, Fields and "Sam" Bernard are to be, respectively, Julian, grabbed fast with his two front feet and kicked up the rest of them in derision. I brushed harder, and the Henry and Orloff: Fay Templeton is to be Dora; terry and Gront, Fay Tempteton is to be Dera; Lullian Russell, Zohar, John T. Kelly, Baron Stein; DeWelf Houger, the marquise, This ar-signment of characters takes no account of Fritz Williams or Lee Rarrison, two new members of the connection girl turned round and glared at me, and looked as if she wanted to call the police. I tried to explain and just then another friend of the first bug alighted on her back and began picking

the company. It is a singular fact that the actresses who his way across precariously. Involunhave made solid successes in New York have come from "the provinces," unheralded and unsang. One of the first instance under this head was Clata Morris, and then Mrs. Githert. tairly. I brushed him off too, and touched her shoulder again. Then she stood up and remarked vociferously, "What are you trying to do, sir? Don't Miss Morris came from Cleveland, and Mis, Gil-bert from Cincinnati. During the past scassin you dare to put your arm around me. "No, I don't," I answered timidly, Here were three new concess-Eleanor Robson, Herricita Crossnan and Adelaide Taugaton, New-Yorkers look to them at once, Eleanor Robson usale three "Rids," first in Arizona," then In "In a Balcony," and finally in "Unleavened Bread," Miss Crossman's Niumph in "Unleavened Bread," Miss Crossman's Niumph in "Unleavened Bread," Miss Crossman's Niumph in "Unleavened and then with more determination. "I don't want to, I assure you but there were bugs!" even that didn't mollify the young woman but seemed to enrage her still more, as I continued. Tm Nell's was prenomenal, while Miss Thursty ored a great success as Madge Chiselburst in The Greatest Thing In the World." Next sea-on Miss Robson will be Kyrle Bellew's leading sure 1 beg your pardon. If 1 saw a tarantula and four centipedes crawling on that holey dress of yours I shouldn't ady, Miss Crosman will continue as "Mistress Xell" was phenomenal, while Miss Thurston move a finger to prevent them," and then she began to apologize just as I Chower.

Jessie Bateman is to be Charles Hawtrey's "So now" added the speaker, "I want leading woman when, in October, that London actor-manager begins his first tour of the United States. She will not be a stranger in New York to say that you don't get thanked for telling women that there's anything wrong about their make up. They'd city, at least; for she acted there, several years o, in support of II. Reaves Smith in "A Brace Partridges," Side comes of what is called rather break their necks on a yard of braid hanging from their skirts than to of participations, sole comes of what is called a "theatrical family"-that is, various relatives are players. It has been decided that Hawtrey will use no play other than Gambory's "A Message from Mars." If that comedy can be made be informed of its presence. They don't like to have you tell 'em when their dresses don't gee in the back or when their shoes are untied. Why if to last throughout his New York engagement. It can for more than a year in London. Nearly you'd tell a man that his tie was Nearly climbing up in the back or that a all foreign players who come here for the first time are anxious to appear in as many plays as possible, in order to display their versatility. price mark was still clinging to the

left shoulder of his coat (the most em-Hawtrey has another London success in th dramatization of Amstey's "The Man from Black barassing thing in the world, you know) he'd almost fall on your neck with ley's," and the object is to hold it for the sea gratitude, but women, they're queer as on of 1902-03, his contract with Charles Fra nan for this country being for two years. Uness he experiment with untried material, I "Yes women are queer." said the could not offer a third new play for the post office man. He didn't know any-

visit; for he is have red as are all the Lon-don actor-managers desirous of touring herething about the relevancy of his reby the fact that their meccosful modern plays marks as compared to the other person licen acted by our own players. quoted above, but he had his views of queerness. After all its only a matter

### If You Have Headaches

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The post office man's point of view don't experiment with alleged cures. was this, "the women, they come in and buy one stamp. Yes sir, you'll which will cure any headache in half see fifty women in a forenoon and not an hour, no matter what causes it. more than two of them will buy more | Price 25c. Sold by all druggists.

C. Biaggi holds that stamme generation of speech, resulting Whitewide will make a l dort tour of the Eastern cities in his latest omedy success, "Heart and Sword." rest of development in the powers of co-ordina tion of the inovements essential to speech. Chil-dren who stammer usually exhibit other signs of Henry Dixey says that his forthcoming visit London is not, as has been announced, for London is not, as has been announced, for purpose of reading a new play, but to play rele in the "High Morton" Guatas Kerlar ex-novements producing speech. By degrees they aganza of "The Whirl of the Town," can be co-ordinated and combined. At the sar revised in the British metropolis. Divey's time the pupil should be taught to control the bodily contortions and facial grimaces which are s being prepared especially for him by bodily contentions and facial grimaces which are McLellan, the "Hogh Morron" of the so apt to accompany their efforts to speak. It method of exercise, comparale thouship. The extravaganca was given in Philthe patient and constantly reneated efforts

eccasary for the learning of the scales and excr iser on the piano, the child will gradually an nire control of his speech instrument and he ome periect in its technique.-La Tribuna Medica. from monetary

Stammering.

#### Peroxide of Hydrogen for the Removal of Powder Stains.

Last summer an Italian woman came to me to have me remove powder stains from her face. A not a week or ten days previously had thrown a ould, those to whom Duse's magnificent talents giant shooting cracker into her face, badly and s an actress would make the most effective ap-cal would not be interested in the personality permanently blacking it. In the meantime, she had applied to a hospital and had been subjected to several long, painful treatments in fuile attempts at picking the powder out of her skin. On her visit to use I, also, attempted to pick out the individual grains, but it was so

tedious, and the patient objected so much on nerount of the pain that I began to look around me for some other way. A chemist friend suggested the use of hydrogen dioxin. I amplied once, full strength; and gave the days with the powder stains all tymoyed .- Dr. N. Rheads, in American Medicine,

#### Investigating the Causes of Suicide in Chicago.

The number of snicides in Chicago has in reased greatly during the past love years and he efficient health commissioner of that city has

indertaken an investigation to determine th causes leading to this increase. He thinks the he mental depression so often accompanying and ollowing an attack of influenza may be one the factors present, and he has requested the coroner to make special inquiry into the circumances attending suicides, with reference to at tacks of this disease.

#### The Cost of Patriotism.

The irrational method in which our national holiday is celebrated is shown by the great loss of life and property resulting from the recen observance of the Fourth of July. From a incomplete statistics as have been collected, appears that nineteen persons were killed and 1.611 injured on that day by exploaten of fre-works and the like. In addition, further deaths may be expected from tetanus. The loss of property by fire is estimated at about \$50,000.

#### The Scorpion.

It is claimed by some writers that the belief the acception's tendency to ating itself to death under certain circumstances is a fallacy back on importect observation, aided perhaps by the fancy. They support this claim by the statement that as the sting is in the end of its tail, and us its tail is recurved, it could not possibly be rought in contact with the under part of its body. As a matter of fact, it has been established

that the creature does sting itself, not in the under part of the body, but in the back or the head, which the recurvature of its tall allows it do. That it applies the sting for the purpose ending its own life no one can say positively t is more Illerly, perhaps, that it is done in mement of toriure, when it is thrown into a paroxyain of blind rage, and with the instinct of elf-protection. For the sting is never inflicted

scept under such rireunstances. An Englishman relates an incident of his s ourn in India that clearly proves the self influ-ton of the sting. His house was infested with corplons, and he devised a treats of capturing Of course he killed them afterwards, bu taying heard that the creature would sting itself a death if surrounded by fire he determined to speciment with one. So he imprisoned it in a

dass case and put the case in the window there it was exposed to the rays of the sun He had no intention of torturing it, but as if

art Oak to nds of butter. The plaster of ing a non-conductor, very little heat reache the butter, which arrives at its destination in good condition. The censul is informed that very successful results have been obtained by dopping butter packed in this manuer from Melbourne to Kimberley-rather a severe test.

#### The Chemistry of Soil.

forms with these theoretical conditions. It moves south and west, the western trend being "Undoubtedly one of the most wonderful dis of modern chemistry has to do with ," says the Saturday Evening Post, "It due perhaps to the difference between it and its medium, which in the world's revolution castas been ascertained that the most barren land ard gives it what might be called a movement an he made rich by simply adding to it certain d returdation and the appearance of moving ineral elements which cost but little. On this westward. As a fact, however, it hugs the coast basis it is estimated that the United States will Greenland and Labrador. But in contradistintthe able eventually to maintain 500,000,000 people -more than one-third of the present population tion to this fact it must not be forgotten that the gulf stream and the Japan stream flow in . of the world. It is merely a question of supplying the requisite quantities of nitrogen, plos contrary direction, passing towards the pole. The seaker also in conclusion made some references sorie acid and petash. The last two are read to the carly settlement of Greeland by the Norse

ily obtainable at small expense, whereas the first may be supplied either by furnishing to the soil condensed nitrogen in the shape of slaughter waste or nitrate of soda or by planting clover beans or peas, which have an affinity for nitro gen and absorb it from the atmosphere. It is w known that nitrogen is the plant food, and, incomuch as this element comuses four-fifths of the atmosphere, the question poses tour-fitting of the atmosphere, the question is merely to absorb it into the soil. It has also come to be understood that only 2 per cent, of the material of plants is derived from the soil, the remaining its per cent, being drawn from the air and from water. Africa, 186 miles: Erythren, 16.7 miles.

#### bettleful to use at home. She came back in two Some New Methods of Hardening Plaster of Paris Models.

Ordinary gypona is brittle, percur, logres and hy the absorption of water becomes a good electrical conductor, but in the hardened condi-tion it is useful for parts which do not require to withstand powerful tension or high and and den changes of lemperature. Gynam may be hardened by the following methods: (a) The powdered gypcom is intimately mixed with 2 to 4 per cent, of postdered matchinallow root and with 40 per cent, water h cauled to a paste. After in hear the mass is so hard that it may be filed, cut, or lose d; an addition of 8 p r cert. marshmallow root powder nakes it thicker Marshmallow root nowder may be replaced by dextrin, guin arabie or glue. (b) Gypsun, ( parts, is mixed with freshly slated later. I part and when the required shape is made it is midened with a concentrated infution of magnesius sulphate. (c) The gape in after Lucining, is a gested with 10 per cent, solution of alum and a or drying again burnt; on the addition of water erestallizes to a marble-like mass the usp-

### The Invention of the Mariner's Com-

The invention of the mariner's compass by Flavio Giola is to be celebrated this summer at Amain, Italy. Giola came from Positano in the fulls back of Amain. There have not been wantthe actual weight of which is greater than own, while the reverse is the case with t ing those who contend that the invention, like most others, was gradual, and that the tend ney of the magnetized needle to point north

was known long before Gioja's time, it even having been familiar to the Chinese. Another version of the story of the invention of this therefore fleats, whether built of wood or ow indispensible instrument is that the dis overy of magnetism dates back to Mahomet 4 whose grave in Meeca a meteoric fragmen of magnetic iron was kept as a hely relie the Mohammedans. This "hely stone," by

reidental fall from its pedestal, was broken to many small fragments, and when the pricets placed these together again, with a view of menting them and thus retaining the origin of the relie, they were astonished to find hat the fragments adhered to call other without ement, but could be separated and replaced at

#### Are Arctic Ice Movements Due to Movements of the Earth?

Annot Bonsall, president of the anciety, follower dise Hopkins with some suggestive remarks a a the probable cause of the floating ice in the Arctic regions passing southward. Mr. Bonsall said, taking the globe as a rapidly recolving Aretic solore, we know that under such conditions th velocity would be at the equator at that the tendency of movement in all rapidly had to be killed at any rate, be thought he recolving bodies is toward the circumsterence, might as well let it kill itself if it would, and which in the case of the carth would be repre-

Jonas Long's ented by the equator. The ice movement co-

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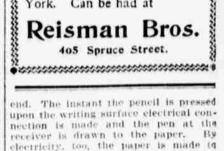
end. The instant the pencil is pressed upon the writing surface electrical connection is made and the pen at the receiver is drawn to the paper. Ru electricity, too, the paper is made to slide along into place for a new message uniformly with the paper on the transmitting instrument.

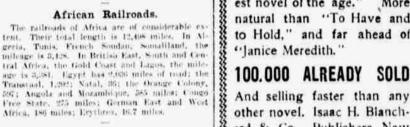
The various uses to which this thoroughly practical machine can be put are numerous and important. The other day an order was telephoned te a broker to buy a block of a certain kind of stock. He did it. The stock valer while others sink to the bottom. This fell and there was a loss of six thous-and dollars. He sent a bill to his cusfloat have a less specific gravity than water and therefore if immersed displace a volume of watcomer, and the latter flatty denied having ordered the stock. The broket could prove nothing and the six thoussubstances which sink in water. In shipping this displacement of water is calculated by tons and and dollars came out of his pocket, splacement of water is calculated by tons and sidp is said to be of so many tons because If the broker had received the order when leaded to its full capacity it still displayer more tons of water than it woighs itself, and on a telautograph he would have had a definite message and signature to fal back upon. If a draftsman away from Carl Seiler, M. D. home, say in Philadelphia, wants to submit a rough drawing to his employer in New York he can save a day over the mails. An instrument like this should reduce train despatching It is Simply a Lead Pencil Held by to absolute accuracy. A mistake over the wire when the message goet hand-writing the whole matter become for a man away from home and office to sign checks-for a man in Boston,

York, "What does it matter to the someone has said, "whether your miles long? tions the pencil takes in writing the

words, a drawing pen, held in a pre-Steam Heating and Plumbing. isely similar manner, automatically duplicates the writing at the receiver's P. F. & M. T. Howley.231 Wyoming ave.

Arthur Goodrich in the World's World. A machine that will convey a message through a number of hands is possible of the sender, so that the receiver and no individual of the series can be reads'as fast as the sender writes even blamed with assurance, but if the desthough they are separated hundreds of patch is received in the despatcher's miles, would certainly fill a distinct and valuable field. And the perfected simple. Nor would it be impossible telautograph" is simple of construction and apparently durable. A common pencil held by steel rods, which have for instance, to sign & check in New the appearance of an old-time well sweep when at work, is used to write law," the mesage, and by the varying force penheider is six inches or six hundred of the current used in the different post- miles long?"





SPECIFIC GRAVITY .- Specific gravity is : erm which is very frequently met with in ou ordinary reading, but which is but little under tood by the general public and like "latent eat" and "relative bundlity," is passed over

leaving on the mind the vague impression that it means some kind of weight. In its various applications under different names to a variety of ommon, everyday topics, it has become so in sortant a term that it has been removed from the purely technical language of physics or chem istry and has become incorporated into commo-language. "Specific gravity" is the compariso of weight of one substance with another as regards to its volume. Thus the old eatch a "Which is heavier, a pound of head pound of feathers?" gives us an excellent His reation of specific gravity, for a pound pound the world ever, but the pound of aving the greater specific gravity is but a small ump, while the pound of feathers, having the ess specific gravity is very large in volume; that is, it occupies a noteb greater space that he so-called marble cement.-Pharm. Centrala, e pound of lead. Another very apt illustra-on is the ability of some substances to fixed in

and by the fact that these substan

THE TELAUTOGRAPH.

Steel Rods.

African Railroads.

Definitions.

# pass.