SATURDAY, SEPT. 26

THE MORNING ASTORIAN, ASTORIA, OREGON.

Some of the Curious Facts Recorded by Physiologists.

THE PHENOMENA OF SOUND.

Bqueals - Mise and the Lowest Notes of an C. an Are Inaudible to Some Persons-Peculiarities of the Delicate Sense of Smell.

If you shade the eyes, you weaken your sense of hearing. Try it with a watch and the result will surprise you. if you sip a glass of cold water, you will increase for a short time your power of vision. If you fill the mouth with water, you will greatly strengthon your sense of smell.

Many similar curious facts about the senses are told by physiologists.

There is a multitude of sounds made in the world every day, for instance, which we cannot hear, however close they may be. Every sound must last a certain time in order to be heard by the ear. If it is an extremely feeble sound it must last quite two seconds or we cannot hear it. But, no matter how long it lasts, we cannot hear it if it is a very low or a very high note. Extremely small animals emit such high notes that we never hear them. Some people cannot even hear the squeal of mice. The lowest notes of an organ are mere rumbling noises to most people, and some cannot hear them at all.

It is by means of the external ear we judge the direction from which sound you will then think the clock is behind you.

Why can some animals smell more keenly than others? It is a question of tea or coffee at a temperature that the space within the nose capable of smelling. In man this space is very feet. small-less than one-fourth of a square inch. In dogs and most mammals it is very much larger. The porpoise has no sense of smell. Then comes man. and also the monkeys, whales and all kinds of fowl and birds, with very feeble smelling power. When people talk of vultures scenting dead bodies they make a mistake. Lions, tigers, wolves, etc., can scent them at long distances, but vultures depend on their sense of sight,

The sense of smell is exceedingly delicate. If one ounce of music were dirided into 15,000,000,000 parts one of these infinitesimal parts would be perceptible by the average person's nose. On the other hand, many people have no power to smell some substances, such as miguonette, vanilla, violets and prussle acid.

Taste is curious in the fact that different parts of the tongue appreciate different flavors. At the tip we perceive sweet tastes best, at the sides acid tastes and at the back bitter tastes. Substances must be dissolved

cents. Foster-Milburn Co., Buffalo, we sook at, therefore, there is a sittle gap where we see nothing. But no one New York, sole agents for the United States,

gap where we see nothing. But no one is aware of it, because it has been the case since we first opened our eyes. In estimating distances we judge by the experience we gain in walking. The eye itself cannot judge distances. A near bill and a distant mountain will each form an image of the same size on the eye. We know the mountain is farther away than the hill because there are more intervening ob jects. But we can often make an estimate of distance, in a curious way, by the muscles of the eyeball. In order to focus a near object we must bulge the lens, and to focus a distant object

we must flatten the lens. The amount of muscular labor used in doing this gives us an idea of the distance of the object.

A man seems much thinner in dark than in light clothing. All black things, in fact, appear smaller than white things of the same size. An image remains on the eye for some time after hooking at an object. If the thing is very bright the image remains a long time, and sometimes if you look direct. "Uncle Josh Perkins" is a

time, and sometimes if you look direct-ly at the sun you will carry the image of it around with you for days. Color blind people have a defective musical sense. They confuse different notes, and, curiously, the confusion of green blind people differs from the confusion of red blind people. Colors strengthen the sense of taste. Red ap-ples and tomatoes and strawhereles ples and tomatoes and strawberries of the beautiful young heroine and the and green pickles taste better than the selfsame vegetables and fruit when they are paler.

For feeling we have a variety of nerves. Some spots on the skin feel of the comedians. Some new and expain, some warmth, some cold and ceedingly clever songs and specialties some simple touch. The tip of the finger has a much better sense of touch than the forearm or the cheek. and magnificent scenery is used for But the cheek and the forearm are far comes. Stand facing a clock, place better judges of heat. In the white your hands in front of your ears, with of the eye we can feel neither touch. the paims turned back, close your eyes; heat nor cold-only pain alone-but the piece. red lining of the eyelids can feel scarcely anything but cold. The mouth, as every one knows, can enjoy

would give great pain to the hands or



comedy drama; there is a touch of

are not in tears over the misfortune

shadows that appear to threaten her

future, they are laughing and applaud-

ing uproariously at the funny antics

are introduced at appropriate stages

of the play, a vast amount of new

the impressive stage pictures pre-

sented in each of the four acts of the

KOLB AND DILL.

and after making critical Broadway

bow at their feet for over 100 nights

tragic nature in it that excites to an

LYDIA E. PINKHAM

Nature and a woman's work com-bined have produced the grandest remedy for woman's ills that the world has ever known.

intense pitch the emotions of the In the good old-fashioned days of our grandmothers they relied upon the roots and herbs of the field to cure disease and mitigate suffering. spectators, with all ending happily. The play is livened up by the excellent comedy and when the spectators

The Indians on our Western Plains to-day can produce roots and herbs for every ailment, and cure diseases that baffle the most skilled physicians who have spent years in the study of drugs.

From the roots and herbs of the field Lydia E. Pinkham more than thirty years ago gave to the women of the world a remedy for their pe-culiar ills, more potent and effica-cious than any combination of drugs. Lydia E. Pinkham's Vegetable Compound is now recognized as the standard remedy for woman's ills.

Mrs. Bertha Muff, of 515 N.C. St., Louisiana, Mo., writes: Fresh from their eastern conquests

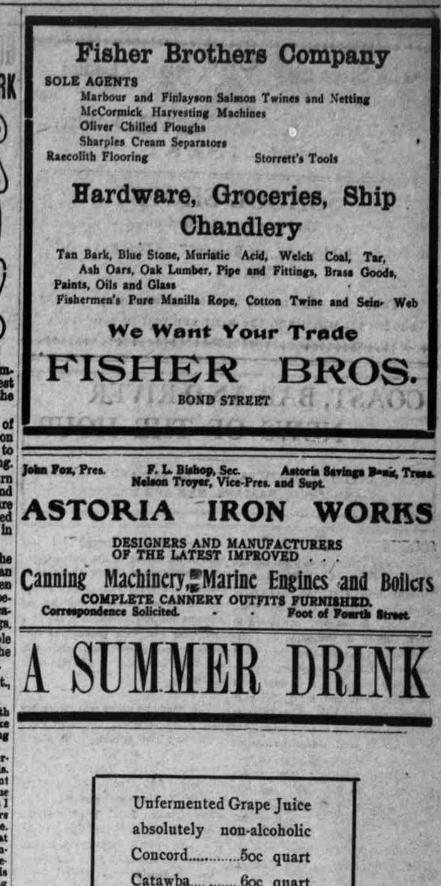
"Complete restoration to health means so much to me that for the sake

means so much to me that for the sake of other suffering women I am willing to make my troubles public. "For twelve years I had been suffer-ing with the worst forms of female ills. During that time I had eleven different physicians without help. No tongue can tell what I suffered, and at times I could hardly walk. About two years ago I wrote Mrs. Pinkham for advice. I followed it, and can truly say that Lydia E. Pinkham's Vegetable Com-pound and Mrs. Pinkham's advice re-stored health and strength. It is worth mountains of gold to suffering women."

What Lydia E. Pinkham's Vege-table Compound did for Mrs. Muff, it will do for other suffering women.

How To Get Strong.

P. J. Daly, of 1247 W. Congress St., Chicago, tells of a way to become strong. He says: "My mother, who is old and was very feeble, is deriving so much benefit from Electric Bitters. that I feel it's my duty to tell those who need a tonic and strengthening medicine about it. In my mother's case, a marked gain in flesh has resulted, insomnia has been overcome, and she is steady growing stronger." Electric Bitters quickly remedy stomach, liver and kidney complaints. Sold under guarantee at Charles Rogers & Son's drug store. 50c.



Catawba 6oc quart Welch's Grape Juice Nips..... 10c

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in order to be tasted, and a dry morsel in a dry mouth has no flavor. This is why smokers cannot taste well. Their mouth glands, which manufacture safiva, are paralyzed by the tobacco Very bot or very cold things are scarcely tasted at all. If you want to get the best flavor from your food it must be at some temperature between 50 and 95 degrees.

Every one knows how easily the sense of sight is deceived by optical puzzles. But a curious deception is practiced on us all throughout our lives, and no one ever perceives it. There is a blind spot in the eye where the optic nerve enters. In everything

Women's Health

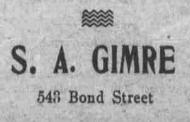
may be protected and improved by keeping the blood in good condition, the stomach well, the liver active and the bowels regular by the timely use of





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MR. DILL, WITH DILL AND KO LB IN "LONESOME TOWN" SUN DAY

IT'S YOUR KIDNEYS.

Don't Mistake The Cause of Your this city tomorrow evening for one Troubles-An Astoria Citizen Shows How to Cure Them. weak or aching back they think that tuneful music was penned by J. A. it is only a muscular weakness; when Raynes. These German dialect come- larities and prevents. Bright's Disease will soon correct itself. And so it is this musical comedy in San Francisco Store. with all the other symptoms of kid- where it ran uninterruptedly for sevney disorders. That is just where eral months to crowded houses. Its people testify to permanent cures. five years ago I used Doan's Kidney comedy. Pills and derived great benefit. I was suffering from severe pains across the disposition of a town in Califorlity. Close buying and low my back and my loins and at times nia, which bears the name of Watts. was unable to stoop or straighten. The original owner disappears and expenses enable me to sell the My kidneys also bothered me a great the langhable attempts of the vardeal, as the secretions were generally ious fictitious claimants to prove

Kidney Pills were brought to my attention and I procured a box at Rogers' drug store. I began using them and my health is now excellent. " take a few doses now and then, when feeling any sign of backache and they never fail to banish the trouble."

For sale by all dealers. Price 50

Dill ,the two funniest comedians on the American stage, will appear in

the danger lies. You must cure these Pacific coast success was later re-Theodore Josephson, 515 Seventh tempted by these inimitable "slim" store. 25c. street. Astoria, Ore., says: "About and "fat" rpresentatives of German

The story of the play deals with their ownership is the basis for many extremely funny situations.



CHOLERA IS ABATING.

MANILA, Sept. 25 .- The epedimic of cholera is believed to have reached its height and to be diminishing. The daily average of cases in this city has fallen below thirty and a low death rate indicates that the plague is presenf in a form light and not virulent. Alfred McVeigh, a government employe who for many years was in Columbus, Ohio, and who was stricken several days ago, is dead.

The authorities expect a steady decline in the number of new cases henceforward and the complete disappearance of the cholera within a short time.

One of the worst features of kidney night at the Astoria Theatre in their trouble is that it is an insidious dismost successful musical play entitled case and before the victim realizes his Many people, never suspect their "Lonesome Town." The book is by danger he may have a fatal malady. kidneys. If suffering from a lame, the late Judson D. Brusie while the Take Foley's Kidney Cure at the first sign of trouble as it corrects irreguurinary trouble sets in they think it dians made an instaneous hit with and diabetes. T. F. Laurin, Owl Drug

> They Take The Kinks Out. "I have used Dr. King's New Life

troubles or they may lead to diabetes peated in New York, Chicago and all Pills for many years, with increasing or Bright's Disease. The best remedy of the other prominent cities of the satisfaction. They take the kinks out to ase is Doan's Kidney Pills. It east, and the critics throughout the of stomach, liver and bowels, without cures all ills which are caused by country are unanimous in declaring fuss or friction," says N. H. Brown, weak or diseased kidneys. Astoria "Lonesome Town" to be the liveliest of Pittsfield, Vt. Guaranteed satisfacbit of nonsense that has ever been at- tory at Charles Rogers & Son's drug

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