

### OUR ERRATIC SENSES

Some of the Curious Facts Recorded by Physiologists.

#### THE PHENOMENA OF SOUND.

**Equals**—Mice and the Lowest Notes of an Organ 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 strengthen 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 rattling 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 comes. Stand facing a clock, place your hands in front of your ears, with the palms turned back, close your eyes; you will then think the clock is behind you.

Why can some animals smell more keenly than others? It is a question of the space within the nose capable of smelling. In man this space is very 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 musk were divided 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 mignonette, vanilla, violets and prussic 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 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 saliva, are paralyzed by the tobacco. Very hot 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 65 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

we look at, therefore, there is a little 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 hill 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 objects. 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 looking at an object. If the thing is very bright the image remains a long time, and sometimes if you look directly 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 apples and tomatoes and strawberries and green pickles taste better than the selfsame vegetables and fruit when they are pale.

For feeling we have a variety of nerves. Some spots on the skin feel pain, some warmth, some cold and some simple touch. The tip of the finger has a much better sense of touch than the forearm or the cheek. But the cheek and the forearm are far better judges of heat. In the white of the eye we can feel neither touch, heat nor cold—only pain alone—but the red lining of the eyelids can feel scarcely anything but cold. The mouth, as every one knows, can enjoy tea or coffee at a temperature that would give great pain to the hands or feet.

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### AMUSEMENTS

#### UNCLE JOSH TONIGHT.

Well known Rural Comedy—Kolb & Dill in 'Lonesome Town' Sunday.

"Uncle Josh Perkins" is the title of a play that has scored a success this season unprecedented in recent years. It is to be given here in all its entirety by the original company which first carried it on to prosperity and popularity. It will be produced here tonight at the Astoria Theatre, and it is certain to play to a packed house. "Uncle Josh Perkins" is a comedy drama; there is a touch of tragic nature in it that excites to an intense pitch the emotions of the spectators, with all ending happily. The play is livened up by the excellent comedy and when the spectators are not in tears over the misfortune of the beautiful young heroine and the shadows that appear to threaten her future, they are laughing and applauding uproariously at the funny antics of the comedians. Some new and exceedingly clever songs and specialties are introduced at appropriate stages of the play, a vast amount of new and magnificent scenery is used for the impressive stage pictures presented in each of the four acts of the piece.

#### KOLB AND DILL.

Fresh from their eastern conquests and after making critical Broadway bow at their feet for over 100 nights in a paroxysm of laughter, Kolb and

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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:

"Complete restoration to health 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 suffering 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 Compound and Mrs. Pinkham's advice restored health and strength. It is worth mountains of gold to suffering women."

What Lydia E. Pinkham's Vegetable 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.

#### CHOLERA IS ABATING.

MANILA, Sept. 25.—The epidemic 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 present 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 trouble is that it is an insidious disease and before the victim realizes his danger he may have a fatal malady. Take Foley's Kidney Cure at the first sign of trouble as it corrects irregularities and prevents Bright's Disease and diabetes. T. F. Laurin, Owl Drug Store.

#### They Take The Kinks Out.

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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 Troubles—An Astoria Citizen Shows How to Cure Them.

Many people never suspect their kidneys. If suffering from a lame, weak or aching back they think that it is only a muscular weakness; when urinary trouble sets in they think it will soon correct itself. And so it is with all the other symptoms of kidney disorders. That is just where the danger lies. You must cure these troubles or they may lead to diabetes or Bright's Disease. The best remedy to use is Doan's Kidney Pills. It cures all ills which are caused by weak or diseased kidneys. Astoria people testify to permanent cures.

Theodore Josephson, 515 Seventh street, Astoria, Ore., says: "About five years ago I used Doan's Kidney Pills and derived great benefit. I was suffering from severe pains across my back and my loins and at times was unable to stoop or straighten. My kidneys also bothered me a great deal, as the secretions were generally too free in passing. At last Doan's 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. I take a few doses now and then, when feeling any sign of backache and they never fail to banish the trouble."

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