

tention of placing the Suez Canal permanently under the control of a commission similar to that of the Danube, as British traffic on the canal immensely preponderates over that of the other powers. It says it cannot expect England to subordinate such immense interests to the decision of a non-English majority.

CONSTANTINOPLE, 10.—The Sultan's proclamation declaring Arabi Pasha a rebel also condemns the conduct of the military leaders as rebellious and criminal and mentions the friendly relations with England.

PARIS, 10.—Herism, Deputy, has accepted the port-folio of minister of public works.

CALCUTTA, 10. — Nepal and many other feudatory states of India have volunteered to furnish contingents for the British army in Egypt.

The Development of the Senses.

In the fifth century before Christ, Democritus declared that the senses of sight, hearing, smell, and taste, were merely modifications of the senses of touch. Aristotle ridiculed his theory, and so, stamped with his disapproval, it lay untouched for two thousand years, until Telesius, an Italian of the sixteenth century, revived it.

Strange to say, all that modern science has accomplished in embryology and zoology, tends to confirm this theory of Democritus, that these four senses are only specializations of the universal sense—the sense of touch. In the embryo of all animals the organs of these four senses first appear as infoldings of the outer germinal layer, the ectoderm, from which the outer skin also develops. At an early stage they are all simple pockets in the outer covering. If the history of the embryo is to be taken as the miniature of the history of the race—that is, if the individual in its development follows the same course that the race has followed, and it seems reasonable to suppose that this is the case—it is easy to see the importance of this evidence.

In the animal kingdom the sense of touch is universal; it is even found in those lowest animals, the protozoa, which are only masses of simple protoplasm. But, if this animal, with its one sense, is to become higher, there must be a division of labor; there is too much work for one sense to do properly, and by a quantitative modification, this primitive sense is to become qualitatively different in parts, and this qualitative difference is the difference which we notice between the sense of touch and the other senses of the higher animals; it has come about by the accumulation of the sense of touch.

The waves of air which fall on the body of this protozoan as heat are capable of a higher rendering, they will signify more than heat to the proper organ for receiving them, they will give the sensations of light and color. The simplest eyes are merely pigment-spots in the skin, they merely distinguish heat from cold and light from darkness; but later, by the formation of a lens and sensitive membrane, the external world is revealed in all its variety.—ROBERT W. LOVETT, in *Popular Science Monthly*, for May.

The Opium Evil.

The use of opium in the United States is increasing at an alarming rate. The amount consumed has rapidly grown until in 1880 there was imported 533,451 pounds of opium and 8,922 ounces of morphine. In 1876 it was estimated that there were 200,000 opium eaters in the United States, confined principally to the well-to-do classes, and it is said that the number now reaches 400,000, who spend \$5,000,000 annually. It is also estimated that upward of 6,000 Americans are opium smokers, and smoking dens are in full blast in New York. A great deal of the drug is absorbed in cigars and cigarettes. The opium is used in a liquid state, the tobacco being saturated with a solution of greater or less strength. This must generate an appetite for opium that will lead to the use of the pure article. A druggist in New York asserts that its use has greatly increased since the introduction of hypodermic injections. Large quantities are also used in a number of quack medicines, which thus become a prolific source of evil. Albany, New York, consumes annually 3,500 pounds of opium and 550 ounces of morphine,

four-fifths of which is said to be consumed by women. One of the most deplorable facts in connection with the custom, is the prevalence of the habit among women. There is sufficient cause for alarm, and the Friends have done well to call attention to the impending danger, and their address will do much to form "a healthy and well informed public opinion on the evils and extent of opium use, which are comparatively little understood." To be forewarned is to be forearmed. The evil could be successfully dealt with now, and if the people of the United States can be awakened to a sense of their danger, the thing may be nipped in the bud. If the habit is allowed to grow it will speedily assume the form of a difficult social problem.—*Guardian*.

Been there Himself.

On Sunday at Montgomery we were talking about duels, and the names of several parties who had gone out in past years to satisfy their honor were mentioned, the Judge knocked the ashes off his cigar and said:

"Gentlemen, it may be mentioned right here that I have been there myself."

"Were you challenged?"

"I was, I was over in South Carolina, and I called a man a liar. He then sent me a challenge, and selected swords as the weapon. We met at seven o'clock the next morning. It was just such a morning as this—bright, beautiful and full of light."

"And how did you feel?"

"Very queer. I shall never forget my sensation as I saw my rival, and he seemed to be as visibly affected. We couldn't either of us say a word."

"Was it in a grove?"

"O, no; it was at a depot."

"The depot? Why, you did not fight at the depot, did you?"

"Well, no. The morning express train passed there at 7, and he took one and I the other!"

MIXED SPICE.

"Ah, my friend," said a clergyman to a parishoner who was the husband of a termagant, and who made application for a divorce, "we should be yielding and forgiving. There are no divorces in heaven." "That's the reason," said the sufferer, "why I am so anxious to get a divorce here."

A good old lady speaking in prayer meeting and giving expression to the joy and confidence she felt, said: "I feel as if I was ready this minute to fall into the arms of Beelzebub." "Abraham! you mean Abraham!" hastily corrected a brother near.

"Well, Abraham, then," was the response; "it don't make any difference. Their both good men."

A pleasant-faced countryman on a train the other day, politely asked a stylish and haughty lady a question, and she answered him with only a frozen stare. It staggered him for a minute, then he turned and went back to his partner across the car and whispered: "I say, Bill, what is it? I thought it was a lady." Moral: All is not gold that glitters, and fine feathers don't always make the best fowls.

"How is the soil of Kansas?" asked one of the group, as the traveler paused. "Richest in the world, sir," was the reply. "I know a New York State man who went to Kansas seven years ago with only \$15 in cash and he is now worth \$29,000." "Whew! What did he raise principally?" "I believe it was a check, sir; but they couldn't exactly prove it on him! Think of a soil that will raise a bank check for \$190 to \$19,000, and in a backward season at that!"

It is a curious fact that women are always envious of men. "My darling husband," said an appreciative wife to the hero of her choice "how I do wish I were you." This seemed nothing more than natural, and the "darling husband," for most assuredly he was, in his own judgment, a man to be envied by almost any one; still he said: "And why do you wish you were I, my pet?" Then, with a silver eloquence, or in those days a greenback eloquence, she replied, "Because then I would order my little wife such a love of a bonnet for the summer." And that is the kind of trick which is being played on men every day in the year. There is something very solemn about matrimony.

Specimen pension case: "Did you go to war?" "No, but I was in camp at Elmira for ten days." "Were you accidentally wounded?" "No." "Have a heavy fit of sickness?" "No." "Contract rheumatism?" "No." "My friend," said the lawyer, as he looked at him in a fatherly way, "some pension agents might be discouraged over your case and refuse to touch it, but I shall at once forward your papers for a pension on the ground that you were broken of your usual rest during those ten nights. Call again in 60 days for your back pay. Good morning, sir—next!"—*Brooklyn Eagle*.

Marital affection is a beautiful thing, and every fresh exhibition of its tenderness and loyalty affects us to tears. A wife—possibly an old wife—on a certain occasion fell overboard. The husband rushed frantically about the deck, literally tearing his hair out by the handful and crying in the most beseeching tones. "For heaven's sake, save her, save her, she is my wife!" The noble sailors thought of their own sweethearts and ran all risks, and at last brought the poor woman into the cabin of her swooning husband. The look of gratitude he gave them fully repaid them for all their efforts. Then, recovering his equilibrium, he thrust his hand into his wife's wet pocket, pulled out a somewhat plethoric purse, and with infinite relief said, "There, old woman, the next time you tumble overboard just leave that purse behind, will you? You scared me most to death."

ST. JACOBS OIL
TRADE MARK.

THE GREAT GERMAN REMEDY.

RHEUMATISM,
Neuralgia, Sciatica, Lumbago, Backache, Soreness of the Chest, Gout, Quinsy, Sore Throat, Swellings and Sprains, Burns and Scalds, General Bodily Pains, Tooth, Ear and Headache, Frosted Feet and Ears, and all other Pains and Aches.

No Preparation on earth equals St. Jacobs Oil as a safe, sure, simple and cheap External Remedy. A trial entails but the comparatively trifling outlay of 50 Cents, and every one suffering with pain can have cheap and positive proof of its claims.

Directions in Eleven Languages.
SOLD BY ALL DRUGGISTS AND DEALERS IN MEDICINE.

A. VOGELER & CO.,
Baltimore, Md., U. S. A.

U. S. STANDARD SCALES!

CHICAGO SCALE CO.,
Manufacture more than 300 Different Varieties!
THE BEST QUALITY AT LOWEST PRICES.



2-Ton Wagon Scales (Platform 6x12 840. 3-Ton 7x13 650. 4-Ton 8x14 840.
All other sizes in proportion. All Scales perfect.
Iron Levers, Steel Bearings, Brass Beam, Beam Box, and building. Directions with each Scale. Send for Price List.
THE "LITTLE DETECTIVE" FOR FAMILY OR OFFICE, \$3
John W. Snell, Agent, Salt Lake City.

SEMI-ANNUAL CLEARANCE SALE
THAS COMMENCEMENT.
WM. JENNINGS & SONS.

BUY THE BEST!
P. SCHUTTLER,
FARM, FREIGHT AND SPRING WAGONS.
CORTLAND PLATFORM SPRING WAGONS AND BUGGIES.
SWEEPSTAKES THRESHING MACHINES
MINNESOTA CHIEF THRESHING MACHINES.
HAINES' ILLINOIS HEADERS.
BUCKEYE REAPERS AND MOWERS.
FOUST HAY LOADERS.
DEDERICK'S PERPETUAL HAY PRESSES.
SELF DUMP SULKY HAY RAKES, HAND DUMP HAY RAKES,
AND A LARGE AND COMPLETE ASSORTMENT OF
FIRST CLASS AGRICULTURAL MACHINERY.
Scutt's Four Barbed Steel Fencing Wire.
COOPER & CO'S SAW MILLS.
Knowles' Steam Pumps, Ames' Portable Engines, Laffel Turbine Wheels
A Large and Complete Stock always on hand.
FOR SALE AT LOWEST PRICES AND ON LIBERAL TERMS.
GEORGE A. LOWE,
CARE SAME CITY AND COUNTRYSIDE.