

called a "nictitating membrane." This membrane appears in many Reptiles, which got it from the Fish, and in many Birds, which got it from the Reptiles, and in the Duck-bill, which stands near the horizon line where Reptile and Bird and Mammal meet, and in the Marsupials, which were an outgrowth from the order of the Duck-bill. It is not strongly developed in the Marsupial, and in the Ape it has lost its functions and is reduced to a vestige. In Negro and Australian men it is reduced a little more. In the higher races of men it is reduced still more. In Man it appears as a "semi-lunar fold." Man has received his eyes, as well as his hands and feet and limbs and teeth and ears, by inheritance from a long line of ancestors.

THE BODY OF MAN.—Man's body is a library of anatomical history. Many animals have developed a system of muscles by which they twitch the skin. Remnants of the twitching muscle appear in different parts of the human body. On the forehead they are efficient. On the neck they are well developed, but not efficient. In other parts of the body they are reduced to mere vestiges. They are heirlooms handed down from an ancestor who scratched less and twitched more than Man does to-day. Every useless part, every hurtful part,—and perhaps all that is useless is hurtful,—must be regarded as historic. Sir William Gill, the great physician of London, has lately raised a cry against the tonsils. Man, he assures us, would be much better off without tonsils, as useless parts are liable to disease. More of the past is inscribed in man's body than was written in the burned Alexandria Library. Of genuine Apes two families were evolved: one with narrow nose, is the Catarrhine Ape; and the other with wide nose and prehensile tail, is the Platyrrhine Apes. The first family was evolved in Asia and Africa, and was potential of higher unfoldment; the second was evolved in America, and like so many other American types its development was arrested. Man was to come, not in America, but in Asia and Africa.

The brain of Man contains not a vestige to show that it ever was or could have been in a higher state of unfoldment than now. Its servant, the hand, contains not a vestige to show that it was ever more supple or more polytechnic than now. Its index, the eye, contains a single vestige which shows that once it was not as now, the illuminating window of a soul, but a cold, passionless, nictitating organ, like the eye of an owl. The animal within us has declined and is declining. The soul within us has advanced and is advancing. If our organism varied so far from the average of its race as to have a mind able to contrive advantages for the body, creation will push forward the intelligence; and in proportion as that cares for the body, nature will drop her own special furnishings. So arose and advanced the Man, and so declined in his body, the structures which had equipped the animal. When Man armed his hand with a club, the canine with which Nature had armed his mouth, falling into disuse, began to abort. When he stripped the skin from an animal and wrapped it around his own body, the hair wherein Nature had clothed him began to fade out. When he left off arboreal life, the pectoral muscle and prehensile toe which Nature had given to his foot began, the one to abort and the other to undergo the modification which made it a fulcrum to aid in sustaining an upright body. The vermiform appendix, the coccygeal vertebra (or rudimentary tail), the carnivorous features of the canine teeth, and the slant of the eye which lingers in the Mongolian race, are heirlooms from a pre-arboreal race. The development of scarsores muscles in the sole of the foot and in the thigh, and the modification of the hand and foot, occurred in a race while becoming arboreal. The reduction of the scarsores muscles and the modification of a prehensile toe into a fulcrum for the support of the body, occurred in a post-arboreal race. The man-like Apes are not strictly arboreal. The Gorilla at times takes an erect position and walks, but not with ease, on feet well adapted for prehension. When a race of Apes, owing to changes affecting the forest, or affecting the food-supplies, takes more to living on the ground, it will gain advantage by becoming more strictly quadrupedal or more strictly bipedal. The Baboons have sunk into more quadrupeds, with much of the form and gait of a dog. The Gorillas have risen almost into

bipeds with much of the form and a little of the gait of Man. This Man-like Ape is in a sort of transition between a quadruped and a biped. But Man is the only real biped. To bring the Man up from this transitional state was the crowning achievement of creation. No higher result can follow. After the human body, nothing; after man, nothing but a better man. What remains is to work out the beast with its appetite, and to work in the man with his aspirations; for the animal which lingers in our bodies lingers also in our minds.

Fort Leavenworth, Kansas, U. S. A.

CASH SUBSCRIPTIONS RECEIVED SINCE LAST NUMBER.—J. V. Teetzel, \$2.00; S. J. Reeves, \$1.00; John Sigmann, per M. H. Hellerich, \$1.00; John H. R. Molson, \$2.00; Chas. S. Burroughs, \$3.00, for self, C. A. Geoffrion, and four three month's subscriptions for friends; Mrs. M. A. Jadwin, \$1.00; J. J. Halliwell, \$1.00; E. Merrill, \$2.00; A. White, seven subscribers, \$7.00; Geo. Scott, \$1.00; Alex. Baird, 50 cents; W. E. Coleman, \$1.00; D. S. Chrystal, \$1.00; Z. Turgeon, \$1.00; J. Greaves, \$1.00.

MEDICAL.

The Oshawa Electro Medical Institute

Is now in successful operation, and is becoming more popular every day. The success that is attending the New System of Medication ought to be a sufficient guarantee to justify all who are suffering from disease, no matter in what form, to try its merits.

The diseases in which Electricity is not applicable are very few, if any, consequently it would be useless to enumerate all the diseases for which it is specially adapted. Electricity being the instrumentality of all life, it is nature's own cure; without it we could not exist, and we are only diseased when its equilibrium is disturbed, and that equilibrium can only be established by the restoration of the Electro Vital fluid to its natural normal condition, which is often accomplished by the administration of Electricity to the parts affected, which is done in various ways to secure the desired effect. For further information call on or address

DR. WAKEFIELD FENTON.

At the Electro Medical Institute,

OSHAWA.

P. S.—Patients from a distance can be accommodated with comfortable lodgings and good board at moderate expense, convenient to the Institute. Lady attendants for lady patients, and all consultations strictly confidential.

\$250,000 IN GIFTS

TO BE DISTRIBUTED BY THE

COMMERCIAL PRIZE ASSOCIATION

OF NEW YORK.

Daily Drawings—A Prize for Every Ticket.

1 Cash Gift.....\$30,000	20 Cash Gifts, each.....\$500
1 " ".....10,000	40 " ".....200
1 " ".....5,000	50 " ".....100
1 " ".....2,500	40 " ".....50

100 Gold Watches, \$75; 175 Sewing Machines, \$50; 75 Elegant Pianos, \$100; 50 Elegant Melodeons, \$125; Cash Gifts, Silver Ware, etc., valued at \$25,000.

A chance to draw any of the above prizes for 25 cents. Tickets describing prizes are sealed in envelopes and well mixed. On receipt of 25 cents a sealed ticket is drawn without choice, and sent by mail to any address. The prize named upon it will be delivered to the ticket holder on payment of one dollar. Prizes are immediately sent to any address by express or return mail.

You will know what your prize is before you pay for it. No Blanks. Our patrons can depend on fair dealing.

ON SUNDAY OR TUESDAY.—Fair dealing can be relied on.—N. Y. Herald, Aug. 22.

A genuine distribution. World, July 9. Not one of the humbugs of the day.

Weekly Tribune, July 7. They give general satisfaction. Staats Zeitung, Aug. 3.

REFERENCE.—By kind permission we refer to the following. Franklin S. Lane, Louisville, drew \$10,000; Miss Mattie Ranker, Charleston, \$5,000; Mrs. Louisa T. Blake, St. Paul, Piano, \$100; Samuel V. Raymond, Boston, \$5,000; Eugene P. Brackett, Pittsburgh, Watch, \$75; Miss Annie Osgood, New Orleans, \$2,500; Emory L. Pratt, Columbus, Ohio, Melodeon, \$125.

Tickets, 25 cents. Five tickets for \$1.00; 11 for \$2.00.

Agents wanted, to whom we offer liberal inducements and guarantee satisfaction. Address,

E. HALL, 115 West Broadway, N. Y.

State in what paper you saw this advertisement.