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Balleon Voyage across the Atlantic.

the 4th of July on his aerial voyage across the Atlantic. A letter from Philadelphia to the New York World gives full particulars of the details. Mr. Washington H. Donaldson, the daring aeronaut, and two scientific gentlemen, not yet selected—al-though there are many applicants for gentlemen, not yet selected—although there are many applicants for the adventure—will accompany him. Within a few days past the Common Council of Boston have appropriated the sum of \$3,000 for the purchase of the materials for the balloon, and for other necessary apparatus, provided the Boston men of science are satisfied that the Professor's theory is a plausible one. Professor Wise says he can do this beyond all question. He will make the journey of 3,000 miles in not more than seventy hours and probably only sixty. His confidence in the success of the venture is based on the theory, which his frequent experiences as an aeronaut have proved to be a true one, that the entire upper air atmosphere surrounding the earth moves with the revolutions of the earth eastwardly. According to this, as soon as this air tide is struck by the balloon, the air ship will drift Europeward at the rate of 100 miles an hour. But this immense rate of speed will be a source of no peril to the voyagers, for, as Professor Wise explains, to the voyagers as for in the voyagers, for, as Professor Wise explains, to the voyagers, for, as Professor Wise explains, to the voyagers, for, as Professor Wise explains, to the voyagers, for the development of the success of the venture is based on the theory, which his frequent experiences as an aeronaut have proved to be a true one, that the professor wise explains, to the voyagers, for a period of twenty years, they would so my high the cod, are wonderfully productive. A herring slx or seven ounces in weight is provided with about 39,000 ova After making all reasonable allowances for the destruction of eggs and of the young, it has been calculated that in three years a single pair of herrings would that if a pair of herrings were left to breed and multiply undisturbed for a period of twenty years, they would yield a fish bulk equal to the globe on which we live. The cod far surpasses the herring in fecundity. Were it not that a vast number of the eggs are destroyed, fish would so more provided th of no peril to the voyagers, for, as
Professor Wise explains, to the voyager, the balloon, no matter how fast
it may go, seems to stand still.
Professor Wise does not claim that

inum tube at each end. DECISION ON THE MINOR QUES-

June 9th we find this: the Illinois Supreme Court, The complainant, a Mrs. Barbara Keil, instituted proceedings in chancery to set aside a conveyance of certain real estate in Chicago, made on the 14th of March 1853, she being then only sixteen years of age. In Jan-uary, 1855, having passed her ma-jority by about five months, she was married; and from that time down to the date upon which the suit was to the date upon which the suit was commenced nothing done either by herself or in behalf to regain posess-ion. The case was decided against her by the Circuit Court on the ground that she had forfeited her right of notion through not be the right of action through not having taken advantage of it with n three years after coming of age. The Supreme Court, in reversing this decis-First—Because we know they are an "A No.1" on held that the marrage of the plaintiff after attaining her majority having placed her under the disability of overture, she was not subject to of overture, she was not subject to "Of all the highly developed humthe three years' limitation. The advoates of Woman's Rights, we fancy will not be any better pleased with this ruling than the innocent persons who are to be deprived of valuable property by it.

THE LATE PRINCE ITURBIDE. - A Paris letter to the London Times, under date of May 10, reports as follows: "Prince Iturbide of Mexico, the last surviving son of the Emperor Iturbide, who was shot at Padilla on July 21, 1822, died yesterday at his lodgings, 163 Rue du Roule, aged fifty-five. He came to Paris during the Mexican war in December, 1865, and had several interviews with the the Mexican war in December, 1865, and had several interviews with the American Minister, whose support he can assed in favor of his dynasty. The sudden conclusion of the war leaving him no chance, he resigned to learn the nature of crops; astronomy, to find out about the character of various soils; and rhetoric, in order to understand the breeds of Paris life. He became attached to a housemaid in the Hotel Espagnol Boulevard Montmartre, where he lived six months, and with her he started a table d'hote on the third floor of the house No 6 Boulevard Montmartre, where this son of an emperor might often be seen in person going round the table to collect the small scot of one franc sixty centimes per head. In 1867 he bought a dancing and singing cafe at Courbe bevole, which he sold at a profit the next year. Though not rich enough to live according to his rank, he also the late of the live according to his rank, he also the late of the live according to his rank, he also the late of the live according to his late of the late of the live according to his

ways had some money, and he seems It is now almost a fixed fact that Professor John Wise, Secretary of the Meteorological section of the Franklin Institute, of Philadelphia, will start from Boston Common on the 4th of July on his agrid yourge. seals upon his papers. The funeral, which, by the Consul's orders, will be conducted with a certain amount of pomp, takes place at Neuilly.

that probably about 60,000,000 or 70,-000,000 codfish are taken from the sea

Natural Sciences now possesses more than 6,000 minerals, 700 rocks, 65,000 fossils, 70,000 species or plants, 1,000 TION .- In the New York Times of species of zoophytes, 2,000 species of A case of very great interest to crustaceans, 500 species of myriapods the owners of property purchased and arachnidians, 25,000 species of from minors was recently decided by insects, 20,000 species of shell-bearing insects, 20,000 species of shell-bearing molluses, 2,000 species of fishes, 800 species of reptiles, 21,000 birds, with the nests of 200 and the eggs of 1,500 900 skeletons and pieces of osteology. Most of the species are represented by four or five specimens, so that, intluding the archeological and ethnological cabinets, space is required now for the arrangement of not less than 400,000 objects, as well as for the accommodation of a library of more than 22,500 volumes. A new building, to cost \$500,000, is now in

the most finished specimen. It fails more completely than any other institution to do the thing which it was designed to do. Princely endowments have been bestowed on these bucolic seminaries in every State of the Union, immense tracts of public lands have been taken from the actual settler to build them up, and yet we do not believe they are turning out enough practical farmers annually to yoke up a pair of two-year old steers. What do young men do when they go to Cornell ? They study Latin, in order

For thousands irs, the hearts of animals had eating before it was discover t the purpose of the continuou m of that organ was to bring applies required for interst repair to the remotest mem of the animal body, and at the me time carry off FECUNDITY OF FISHES.-It is said the waste which had been replaced by fresh material. For thousands of years, human hearts had been beating, and, misled by superficial observation, the heart was supposed to be the seat of thought and passion, the centre of good and evil, devotion and love; and it was even com-

> flames were burning, etc. But modern biologists have changed all this. The human heart is no longer the seat of noble feelings of generosity, charity and love; all these functions have been transferred to the brain, while the heart has been degraded to a simple hydraulic apparatus; in fact, to a machine to all intents and purposes equivalent to a pump.

pared by poets to an altar on which

If, after having fully realized the stupendous change in our estimate of this noble organ, we make it our task to investigate its operation, our admiration and delight concerning its exquisite construction compen-Professor Wise does not claim that he can return across the Atlantic through air, his theory only involving the practicebility of the voyage to the cast. He will take a mail out with him, which he will engage to deliver at its destination in three days' time or less. The air-ship in which this extraordinary venture is to be made will consist of three balloons, one nearly three times as large as the other two. They will be capable of lifting 11,000 exclusive of their own weight, basket, life-boat, etc., of which latter, one fully equipped for an ocean voyage will be carried along. The basket and its appurtenances will be something novel. It will resemble a covered room, with a cellar, where the water and food for the trip will be stored. It will have windows on all sides, and a lime stove for heating and cooking, while an electric light will be secured at night by means of a vacuum tube with a platinum tube at each end.

Alt.—The Secretary of the Treasury has taked upon the devices for the new silver trade dollar authorized by the coinage act of 1873. It has for its which at first we may have felt when the coinage act of 1873. It has for its has for its obverse a femule figure, scated on a bale of cotton and extending the right which at first we may have felt when the coinage act of 1873. It has for its which at first we may have felt when the coinage act of 1873. It has for its has first we may have felt when the coinage act of 1873. It has for its which at first we may have felt when the coinage act of 1873. It has for its has for its and the coinage act of 1873. It has for its hat coinage act of 1873. It has for its which at first we may have felt when the coinage act of 1873. It has for its hat the both only the coinage act of 1873. It has for its hat the coinage act of 1873. It has for its hat the coinage act of 1873. It has for its hat the coinage act of 1873. It has for its hat the base of the device is the the device is the the device is the the device is the observed. The device is the of 1874 hand of 1 sates us fully for the disappointment we call the heart exerts at every contraction a power equal to one-twentieth part of the power which his whole body is capable of exerting; but then, this power works night and day without his will, even with-out his knowledge, while man can only work one third of the time. The whole amount of blood propelled by the heart is 27 pounds per minute, 1,620 pounds per hour, 38,000 per day, 14,000,000 pounds per year, 1,000,000,000 pounds in a life time. Are we not then justified in asserting that there is nothing lost to the eye of the intellect, by the transfer of the heart species, 1,000 mammais, and nearly from the domain of imagination and speculation to that of positive science?—Scientific American.

> EMOTIONAL EXCITEMENT MORE WASTINGTHAN INTELLECTUAL LA-BOR.—Serious and calm intellectual work is only very slowly destructive to the nervous health, while emotion, unless directed into proper channels, is highly destructive to the nervous system. The conventional ideas as to the propriety and utility of certain kinds of emotional excitement HARD ON AGRICULTURAL COL- do visibly bear, in the experience of medical men, the very worst fruit "Of all the highly developed hum-bugs which have received the foster-of repentance for real guilt is not a ing care of the American people, probably the average agricultural college, as at present conducted, is the clergy are especially carnest in