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To hear the summons of the Archangel's voice, the summons of the Archang voice, and wisdom! who have led the van of human progress and the rights of man, May find your loving kindness not in vain, when earthly loss becomes eternal gain, and the poor Indian shall forever pless your well spent mammon of unrighteness.

SCIENTIFIC MISCELLANY.

THE NEW MESMERISM. - Hypnotism is a new name for old phenomena, being practically identical with what was called mesmerism a few years ago. It is practised in nearly all countries by a few medical men, and now claims at least four monthly papers—two in Paris, one in Berlin, and one in Florence. Writing on the "new mesmerism," a correspondent of the London Times states that there are among hypnotists four distinct schools of practice and thought. The first embraces those hypnotists who have satisfied themselves of the reality of the phenomena, but who decline to practise hypnotism therapeutically because they believe it will do more harm than good. The distinguished Charcot, to whom the scientific study of the subject is chiefly due, belongs to this school. He

believes that the hypnotic condition de-pends upon a disordered brain, and that as, for instance, to dispel the mania of a hysterical patient. The next may be called the retrograde school, whose headquarters are at the Charity Hospital in Paris. It uses every variety of hypnotic procedure for a great variety of disorders, but tends to revert to the magnetic prac-tices, theories and mysteries of Mesmer's day. The third school includes all the hypnotic practitioners who believe sleep and suggestion to be an important treatment for a number of nervous disorders. The fourth school seeks to develop the mental side of the problem, and to crowd out the hypnotism in favor of a natural action of a healthy or superior mind on a morbid or inferior one. This, however, is not hypnotism. The reality of a hypnotic condition is no longer a matter of doubt, but some phenomena claimed for that state may be questioned. The Charity Hospital has reported wonderful results from the transfer of disease from sults from the transfer of disease from one person to another, from the touching of sealed tubes containing drugs, and from the influence of magnets on sensitive patients. The responsible position of Dr. Luys has given much weight to these experiments. Careful critics have now proven, however, that the tests applied by Dr. Luys have been very imperfect, and that he has, at least in many instances, fallen a victim to trickery by his patients.

his patients.

AIR AND OXYGEN AS LIQUIDS.—Liquid oxygen boils at 296° below zero Fahr., yet Prof. Dewar, speaking at the Royal Institution the other day, astonished his audience by exhibiting a little bulb of this substance in the heated hall throughout the lecture with an evaporation of only one fifth. This important result of preserving liquefied gases for examination at leisure was accomplished, after unsuccessful trials of ordinary non-conducting devices, by surrounding the vessel containing the liquid with a very high vacuum, the influx of heat from the air being reduced by this means to one-seventh. Liquid air was also shown, and manipulated like water. In color the liquid air is a much less deep blue than the liquid oxygen, it is not so strongly magnetic, and in the spectroscope it appears simply as diluted oxygen. The nitrogen and oxygen of the air liquefy as a whole, but on evaporation the nitrogen distills off first. is patients. listills off first

A SCIENTIFIC KETTLE. - A new German invention for boiling and distilling is likely to prove of importance for many purposes. It provides a boiling vessel which does not come in contact with the fire, and in which may be boiled, melted or distilled explosive, combustible and other substances which require heating to a temperature that must not be exceeded and is above that of the ordinary steam bath. Strong pipes are cast into the walls of the vessel. These are connected to pipes heated in a suitable stove or furnace, which may be placed at a safe distance away, and hot water under pressure is thus caused to circulate around the vessel. The pipes may be made to bear a pressure of 300 atmospheres, and the confined water may be readily given any desired temperature up to 700° Fahr., or more.

more.

The remarkable observation has been made that the most civilized of ancient races lived in dry districts. Prof. Hilgard attributes this to the fact that necessary mineral plant-food is much more abundant in dry soil than in wet. In dry regions simple irrigation yields a bountiful harvest, while moist soil is quickly exhausted.

The snake laboratory at Calcutta will soon be in working order. The properties of snake poison will be investigated, and so-called cures will be tested under scientific conditions.

Photography picks up minor planets at an astonishing rate, the Paris Academy having received a list of eight that were discovered in four weeks by this method.

Scaling Schooner Sails—Ravages by Cougars
—Attempt to Raise the Mystic—The "Umatilla" to Carry Comox Coal. SEATTLE, March 8 .- (Special)-The seal-

ing schooner Alice, Capt. Torry, sailed today on a sealing voyage along the coast. She carries two hunters.

A hardware and junkstore on Railroad avenue was entered last night by burglars and two hundred dollars worth of cutlery stolen.

Seven horses were killed by cougars on Saturday night back of Charleston, adjoining the site of the Puget Sound Navy Yards. They belonged to ranchers. The heavy snow in the mountains had driven them down into the settlements on the west

them down into the settlements on the west side.

The steamer Umatilla will take a load of coal from Comox on her next trip to San Francisco.

Another attempt will be made to raise the steamer Mystic sunk in this harbor.

The Northern Pacific Steamship Company have chartered the steamship Mogul to replace the Flintshire, which visited Victoria under the company's flag last month. The Mogul will leave Hongkong on March 14, and will be due here about April 11. She is a vessel of about the size and build of the Flintshire, and belongs to the Mogul line, a fleet of tea steamships plying between Oriental and English ports.

Fromthe TH

Kirk

The Iolanthe Brown and Ri Adams

Application v non-suit in th Drake, presiding His Lordship served judgment At the reside

man, Rev. D. Me Hume and Miss this city, were and Mrs. Hume suburb of Oak B Point C The tenders for fort hotel will be of from New West though mailed on receipt of tenders.

here yesterday. I of lumber are in, a will be awarded to ed rapidly to Supreme Court 1 the possessor of a verifive \$20 gold pieces one side is a crown see Province of Britis other, "Twenty D is about the size of of a peculiarly rich that two of these r

Vancouver, one in Victoria. Several very pleas in the scoool-room o pal church yesterds versazione was given the ladies of the ch presented was as folk Helmcken and Mrs. violin obligato, Mr. Arrow and the Song Wilson; solo, Miss Prof. Strauss; que Low"; solo, Mrs. H Harris, Mrs. Helmo lock; violin solo, Mr

No. 2 Battery of the meeting on Tuesday of forming an associated for the Battery, and of the fund formed the meeting was preside gison, and there was a constitution for the terry will meet for drinest, in anticipation

at evening. This walumbia. Mr. Graicers of Court Costallation of the D.C.R., Jas. H. F

Thomas Roberts w for crooked work. A trusted with one hun to be deposited in bas Frank Leonard, who into the Jubilee Ho Roberts lodged the his friend, and since drew it out in three had also a one hundle mote, which Leonard lodge to his (Leonard lodge to his Leonard lod

The Provincial Oran cluded the business of yesterday, when it wa 12th of July celebratio wer, and when also a he was extended to the their hospitality. The then installed in due list of the honored one Grand Master, Willia Westminster; Deputy Grand Master, D. M. Grand Chaplain, Isa. Grand Treasurer, John Grand Secretary, John Grand Secretary, Joh ver; Grand Director o Taylor, Vancouver; Thomas Aske, Victo Secretary, Edward During the noon ad officers were photogra

BIG PROPE Mr. J. W. Horne, Tuesday night from had been for five da

ails of the extens tails of the extensive of the principle in the Couit has now been constails are open for publ. The property in quas Mission City on the tion of the Southern tion of the Souther ago it was a wilderne sion branch was by made into a townsite various ways
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others by the ow who were Messrs. J.
and Mershon and Tin
year, however, not m
to Mission, which w
flattened out. The
agreeably surprised t
sold to H. C. French