## THE TRUE WITNESS AND CATHOLIC CHRONICLE.

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## SCIENTIFIC NOTES.

Sept. 6, 1882.

De Vries believes that the true function of the resincus juices of plants is to serve as a balm for wounds, and that the resins are not therefore excrementitions matter as some have thought.

The microscope mows that crystals cf minerals frequently contain air or liquid pubbles. Quartz crystals have been iound so prior of 4,000,000 has been estimated to exist ins cube one twenty-fitth of an inch square.

Diamond Dyes will color any thing any color, and never fail. The easiest and hest way to economize. 10 cents, at all draggists.

From examinations with the spectroscope and polariscope since 1858, M. Prazmouski concludes that comets are formed of a condensed portion, which constitutes the nucleus stmosphere, which contains carbon and reflects the light of the sun, and of a swarm of loose material which is not controlled by the omet but moves in obedience to universal attraction.

H F MacCarthy, Wholesale and Retail Druggist, Ottawa, writes: "I was sillicted with Chronic Bronchitis for some years, but have been completely cured by the use of Dr Thomas' Eclectric Oil in doses of five drops on sugar. 1 have also pleasure in recommending it as an embrocation for external 1180."

The celebrated rose-bush at Hildesheim, in Hanover, reported to have been planted by Charlemagne and therefore to be more than a thousand years old, has borne more blossoms this season than ever before, and is an object of much curiosity. The branches of the bush extend to about three feet and eight inches in height and three feet and four inches in width.

. . Evil dispositions are early shown." Evil tendencies in our systems are to be watched and guarded against. If you find yourself getting bilions, head heavy, mouth yourself getting britters, head heavy, mouth foul, eyes yellow, kidneys disordered, symp-toms of piles tormenting you, take at once a few dozes of Kidney-Wort. It is Nature's great assistant. Use it as an advance-guard \_don't wait to get down sick. Read adv't.

Dr. Woods, of Bishop's College, Montreal, has reported numerous cases in which rheumatism has been cured by fasting from four to ten days. The patients were allowed to drink freely of water and lemonade, but no medicines were given. Dr. Wood is inclined to believe that rheumatism is simply a phase of indigestion, to be cured by giving rest to ail the viscera.

Mr W A Wing, Westport, writes : "I wish to inform you of the wonderful results which followed the use of Northrop & Lyman's Emulsion of Cod Liver Oil and Hypophos-philes of Lime and Soda. A cough of six months' standing had reduced me to such an extent that I was unable to work. I tried many remedies without effect; at last I used used, I am glad to say, I was restored to per-fect health."

REST AND COMFORT TO THE SUFFERING. "BROWN'S HOUSEHOLD PANACEA

has no equal for relieving pain, both internal and external. It cures Pain in the Sile ack or Bowels, Eore Throat, Ebeumatism, oothache, Lumbago and any kind of a Pain Blood and Heal, as its acting power is won-"Brown's Household Panacen," derful." being acknowledged as the great Pain Reliever, and of double the strength of any other Elixir or Liniment in the world, should be in every family handy for use when wanted, "as it really is the best reader, and the world for Gramps in the Stomach, and Church in this country. T. F. MiaHan, D. Paine and Aches of all kinds," and is for sale by all Druggisst at 25 cents a bottle. \G26

THE FREEDOM OF THE OHUBOH IN AMEBICA. Occasionally we hear it said that the Catholic Church possesses more freedom here than anywhere else on earth. There are some plausible reasons for so thinking. We hear every week of some encroachment by a minerals frequently contain air or liquid bubbles. Quartz crystals have been lound so completely full of minute cavities, partly no disturbance, that is, of our previous concompletely luit of matters control party no disturbance, that is, of our previous con-filed with liquid, that the astounding num-filed with liquid, that the astounding nummade most solemply by the Holy Father against this or that government, because of its interference in Catholic institutions, in the creation of bishops, &c., and are inclined to wonder how these things can be in nations largely Oatholic, while we have no similar annoyance though living in the midst of non-Catholics. These are the reasons no doubt that have led the unreflecting and even some

thoughtful men to believe in an eminent freedom enjoyed by the Church in this country. No doubt there is a great hostility to the Church at present in the governments of some

of the Catholic countries. The hostility becomes the more pronounced because of former friendship and intimacy. A few years ego the Oburch was recognized by these govern-ments as a society which could enter into a treaty with the civil power, and che treaty was not made with local prelates but with the Holy See. Such an idea would not be entertained by a government here. The present is certainly not the normal condition of the Catholic countries, and yet very often we find comparison made, and assertion, as it both we and they were in a constant usual status. Wers we to put the proposition in general terms, that the Church enjoys more freedom in a non-Catholic country than in countries in which Catholics are a large majority, we would unhesitatingly declare such a condition to be impossible unless occasionally and for a

time. And such is really the case. If we descend to details we can easily understand the true state of things." Go to even those Catholic countries in which the Church suffers most at present, France and Italy, and you will find the priests and bishops going about with all the insignia of their rank; you will find the ceremonies of the Church carried out to their fullest extent in most places. You will find the procession of Corpus Christ going through the streets of the large cities in many cases, and reverence shown on every side. In the smuller towns you will find this to be the rule. You will find deference to the Faith or positive submission and rever-

ence on the part of civil functionaries in most cases. We have known Catholics travelling the condition of things, so different from that | This | Breat Household Medicine Kanks in Italy to express themselves astonished at which the acts of the Government would have led a foreigner to expect.

You will find here and there shrines of the These Famous Fills Purify the BLOOD, and act Blessed Virgin, her pictures by the roadside, and the faithful kneeling before them and soldom subject to even an offensive remark because of their devotion. You will find the Blessed Sacrament borne to the sick with all solemnity. Yet these and the like minor details are after all the most important in preserving the Faith and fervor of a people. Reflect that here we are free from annoyance simply because we enclose our Catholicity within the churches, and that scarcely any demonstration of Catholic Faith can be made in public places without risk of irreverence and sacrilege. Reflect that in public life far from homage of those in station, and general deference, the name of Catholic is very generally an insuperable difficulty in the way of civil preferment. Remember that there is a general aversion and contempt for Catholior Ache. "It will most surely quicken the | city, which acts as a constant pressure upon Catholics more potent than any persecution and causing very many gradual apostasies from the Church of Goa. We have no time left us for many similar considerations, from which it is very easy to see how greatly deceived are those who proclaim an extraordinary and altogether exceptional liberty of the



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