## Jesuits in Science.

(From the Lancet, London.) The event of the week, ecclesiasti-cally and politically, has been the election of the Black Pope, as the General of the Jesuits is familiarly called, and the occasion may be utilized to remind us of what may be set down to the credit of a society not too favorably regarded by the non-Catholic world-namely, its to the sciences in general services and to the healing art in particular. Founded by Loyola to counterpoise, and if possible, to defeat the Reformation promoted by Luther, it press could reinforce it in the conflict, and strange as it may seem in an organization accused of "obscurantism, it enrolled the man of science and medically trained missionary un- his patients immune, while pure and applied, the Jesuit in the early post-Renaissance period made his mark in nearly every department, and the missionaries of the society overran the new world and the un- they re-enforced religion with sciexplored regions of the old, making converts to the Church and enriching theirs by concurrent observation and

failed to be struck, in the Gallery of Bishop Pattison. the Geographical Maps, with the sagacity of the missionaries who framed them-the watershed of sub-equa ed them-the watershed of sub-equa-torial Africa, for example, being Think it Only given, hypothetically indeed, but with an approximate accuracy which it was reserved for the latter half of the nineteenth century to complete and to ratify ? Again, what student of the medical past has forgotten the beautiful story of discovery of the quinine bearing chinchona and the introduction into the physician's armory of "Jesuits" hark." first exhibited in the seven teenth century, and since then by pharmaceutical refinements developed into the salt which is to the European sojourner in the tropics what the Davy lamp is to the miner?

Even in the modern day the Jesuit remains true to his scientific traditions-witness those worthy descendants of the Pere Boscovich, the Padre Secchi, famed for his "Solar Physics," and his successor in the directorate of the Vatican Observatory, the Padre Denza. The latter indeed, besides his work in seismembers of the society throughout Italy, will always be remembered for his demonstration of the origin of that scourge of the Mediterranean seaboard the wind known as the "sirocco." Having surways coincident with a sand storm in the Sahara, he stationed a correspondent at the borderland between the Tell, as cultivated Algeria is called, and the great desert, with storm was brewing. On came the One pill a dose, 15 cents a prepared for its advent, at various points of the Italian shore, with

huge facades of cardboard wet with gum, and sure enough, as it passed over sea inland a thick layer of sand was deposited on the said facades. thus explaining what had been observed, but not traced to its cause, by Celsus, namely, the sense of heat weight, of general depression and lowered vitality experienced during the prevalence of the sirocco-an experience not to be escaped till, by reclamation and crop culture, the Sahara ceases to be the sand ocean it has been from time immemorial.

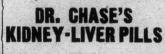
Inspired by the traditional genius the Marquese de Fontenoy.

which the scene of his labors with y the Bible and the crosier of St. nois. First he began to make nds with the savage natives by hing them, the teaching them the arts of pe and of civilized life-down to tenement structure, cooking clothing. All this time he an quietly mastering their langu till he constructed its grammar them, and finally translated into i portions of Holy Writ. Then he set up a printing press (thanks to sub sidies from the Propaganda) and taught the younger natives to read. Still his progress-well nigh single handed-was slow, till the periodi cal outbreaks of smallpox gave him ed into its service every weapon that his opportunity. He vaccinated as many of the natives as he prevail upon to submit to the ODE ration, and when the tribe at th next epidemic of the disease those der its banner, inscribed "Ad Ma- who had held back from becoming jorem Dei Gloriam." In nature so either died or emerged from it study, as well as in mathematics disfigured, their liking for him deep ened into love and a superstitiou The success o belief in his power. his mission was then assured. -But it was in the degree in which

ence, above all with the healing art in its widest sense, clinical scientific knowledge already hygienic, that the Jesuit apostles effected their most salutary work-a work which made them the progeni What visitor to the Vatican has tors so to speak, of Livingstone and

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The White Fathers.

All the world has heard of the White Fathers of Africa, Founded about a quarter of a century ago by Cardinal Lavigerie for work in North ern Africa, especially along the southern borders of Algeria, Tunis, Tripoli and Morocco, the order has recently been subjected to a surpris-ing change of masters, according to

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He has furnished them with sites and subsidies for the construction of a seminary and of a big monastery at Altkirche, in Alsace, which is to serve as headquarters for the order and has arranged that every facility should be given to the Fathers pursue in the German colonies in Africa, and also in Morocco, where German influence is now paramount the work which they have until nov been doing with so much success in France's African dependencies

The order in question may be regarded as the mo odern embe the Knights of Malta, and of the Knights Templar of the crusading days. For it is a military as well as a religious order, and has some times been known as that of Warrior Monks of the Sahara Th steel helmet of the Knights Templa of olden days is replaced by, one made of cork, with duly patented ventilating apparatus. The visor instead of being of metal, is of cloth, similar to those worn by the Tuareg Arabs, covering the entire ower portion of the face, and lieu of the pennant lance there is far more deadly weapon, in the shape of a repeating rifle.

Their programme has been to tract sympathy and good will by the development of the productive ness of the existing oases, and the creation of new ones, where sta tions have been formed for the re lief of the sick, for the offer of ho pitality to all comers, irrespective of creed, and for the refuge and protection of fugitive slaves. They hav endeavored to afford to the native practical demonstration of the bene fits and advantages of civilization to preach by example the element thereof, and to thus prepare ground for conversion to Christianity. The latter, although the principal object, is the last in order For, instead of proselytism, prepar ing the ground for the seeds of civi-

ization, with the White Fathers H is the elements of civilization which prepare the ground for the seeds of Christianity. The headquarters of the order hav

now been at Biska, on the Algerian borders of the great Sahara desert, n a plantation known by the n

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the conductor you are only three. 

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