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TION.

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Who Killed Landlordism?

[Read by S. J. McCormick at a recent Land League meeting in San Francisco, Cal. Who killed landlordism? I. said Michael Davitt, The Irish won't have it, So I killed Landlordism.

Who saw it die? I, said Parnell, From my prison cell, I saw it die.

Who caught its blood? I, said O'Kelly, In a dish made of jelly, I caught its blood.

Who'll dig its grave? , said O'Connor,

Who'll make its shroud? I, said Tim Healy, I'll do it quite freely, I'll make its shroud.

Who'll be chief mourner? , said John Dillon, I, said John Blides, I hated the villian, I'll be chief mourner.

Who'll carry it to the grave? I, said McSweeny, I'll bury the "Sheeny," I'll carry it to the grave.

Who'll bear the pall? We, said the people, From tower and steeple, We'll bear the pall.

Who'll be the parson? I, said Bishop Croke, To finish the joke, I'll be the parson. Who'll be the clerk? I will, said Biggar, It just suits my figure, I'll be the clerk.

Who'll carry the torch? I will, said Sexton, Let me be the next one, I'll carry the torch.

Who'll toll the bell? ecause I can pull, I'll toll the bell.

Who'll write its epitaph?
Deep silence fell here,
Upon all around the bier,
And some shrunk away in great dread,
For none could be found,
In the world around,
To say a good word for the dead!

## CONSUMPTION.

Pro. Tynd Il's Report of Dr. Koch's Discovery.

with a minute rod-shaped parasite, which by means of a special dye, he differena tuberculous human lung, he intected a substance, prepared, after much trial, by himself, with a view of affording nutriment to the parasite. Here he permitted it to grow and multiply. From this new concration he took a minute sample, and thus producing another brood. Generation after generation of bacilii were developed in this way without the intervention of disease. At the end of the process, which sometimes embraced successive cultivations extending over half a year, the purified bacilli were introduced into the

five days the remaining five were killed and examined. In the guinea pig that died and in the three remaining infected ones strongly pronounced tubercular discase had set in. Spleen, liver and lungs were filled with tubercles; while in the two uninfected animals no trace of the discase was observed. In accordance of the disease was observed. In a second experi-ment six out of eight guinea pigs were inoculated with cultivated bacilli, derived originally from the tuberculous lung of a monkey, bred and rebred for ninety-five days. Every one of these animals were attacked, while the two uninfected guineapigs remained perfectly healthy. Similar experiments were made with cats, rab-bits, rats, mice and other animals, and without exception it was found that the

injection of the parasite into the animal system was followed by decided, and, in most cases, virulent tubercular disease. In the cases thus far mentioned incoulation had been affected in the abdomen. The place of inoculation was afterward changed to the aqueous humor of the eye.

Three rabbits received each a speck of bacillus culture, derived originally from a human lung affected with pneumonia. Eighty-nine days had been devoted to the culture of the organism. The infected rabbits rapidly lost flesh, and after twenty-five days were killed and extwenty-five days were killed and examined. The lungs of every one of them were found charged with tubercles. Of three other rabbits, one received an injection of pure blood serum in the aqueous humor of the human eye, while the other two was infected, in a similar way, with the same serum, outsining heavill derived the same serum, containing bacilli derived originally from a diseased lung, and subjected to ninety-one days cultivation. After twenty-eight days the rabbits were killed. The one which had received an injection of pure serum was found per-fectly healthy, while the lungs of the two others were found overspread with tubercles.
Other experiments are recorded in this

admirable essay, from which the weightiest practical conclusions may be drawn. Koch determined the limits of temperature Koch determined the limits of temperature between which tubercle-bacillius can develop and multiply. The minimum temperature he finds to be 86 deg. Fahrenheit and, maximum 104 deg. He concludes that, unlike the bacillius anthracis of splenic fever, which can flourish freely outside the animal body, in the temperate zone animal warmth is necessary for the preparation of a newly-discovered The celebrated Prof. Tyndall has written a letter to the London Times in which he reports that Dr. Koch, of Berlin, has discovered that the disease phthistis, commonly called consumption, is caused by a parasite. The Professor says:

On the 24th of March, 1882, an address from the lungs of persons not thus afflicted from the lungs of persons not thus afflicted from the lungs of persons not thus afflicted.

teristic of many of the disease-producing bacilii, and probably of all of them, that has lately shown how completely this may be accomplished in the case of bacilation the tuberculous matter from diseased animals to healthy ones, he, in every instance, reproduced the disease. To meet the objection that it was not the parasite itself, but some virus in which the tuberculous was imbedded in the diseased organ that was imbedded in the diseased organ that was the real contagion, he cultivated his bacilli artificially for long periods of time and through many successive generations. With a speek of matter, for example, from a tuberculous human lung, he infected a have been carried no further than to the

> The evidence thus seems conclusive; it only remains to develop, from the cultivated parasite, tuberculosis in man to com-plete the cycle of evidence, and to establish Koch's discovery among the great facts of medical science. Professor Tyndall of medical science. Professor Tyndall maintains the genuineness of these obser-

LETTER OF LEO XIII. By Divine Providence Pope.

TO THE ARCHBISHOPS, BISHOPS AND OTHER

ORDINARIES OF PLACES IN SICILY. To our Venerable Brethren and Beloved

As those who have long been meditating the destruction of Catholicity have bodily and insidiously undertaken many things: so especially they seem to have determined on arousing a certain storm of the control of the c For they eagerly grasp every occasion that is given of vituperating the Pontiffs, and studiously take occasion when it is not given: disregarding the uncorrupted sources of history they scatter broadcast fictitious accounts: they cast false accusations like poiscned darts and the greater impunity the greater is the license of their audacity. In this habitual fault-finding there is another purpose besides the more contumely: namely, this plainly do the wicked men seek, that the contumely may from the person of the Roman Pontifis attain to the divinely instituted Pontificate itself, and that through and studiously take occasion when it is

such in vestigations as that which is here so imperfectly described. Your obedient servant, in point of mortality, stands at the head of them all. If, he says, the seriousness of a malady be measured by the number of its victims, then the most dreaded pests which have hitherto ravished the world—plague and cholera included—nust stand far behind the one now under consideration. Koch makes the startling statement that one-seventh of the deaths of the human race are due to the through the same cause. Prior to Koch it had been placed beyond doubt that the disease was communicable, and the aim of the Berlin physician has been to determine the precise character of the contagium, which previous experiments on inoculation and inhalation had proved to be capable of indefinite transfer and reproduction. He subjected the diseased organs of a great number of men and animals to microscopic examination, and found in all cases the tubercles infested with a minute rod-shaped parasite, which by means of a special dye, he differentiated from the surrounding tissue. It with a minute rod-shaped parasite, which by means of a special dye, he differentiated from the surrounding tissue. It was, he says, in the highest degree impressive to observe in the centre tubercle cell the minute organism which had created it. Transferring directly inoculation the tuberculous matter from distance that the designed communication of the former will afford protection against the latter. Pasteur has lately shown how completely this has lately shown how completely this were averted, and that the turbulent ambient of the disease-producing of having wished to increase their power or extend their confines. They directed all their power to the profit of commonwealths; or did it happen once only that the invasions of foreign enemies were averted, and that the turbulent ambient of the disease-producing of having wished to increase their power or extend their confines. They directed all their power to the profit of commonwealths; or did it happen once only that the invasions of foreign enemies were averted, and that the turbulent ambient of the disease-producing of having wished to increase their power or extend their confines. They directed all their power to the profit of commonwealths; or did it happen once only that the designed communication of the former will afford protection against the latter. Pasteur has lately shown how completely this bition of domestic opponents was over-come. On this point, Venerable Brethcome. On this point, Venerable Breth-ren and Beloved Children, you have wisely and opportunely recalled Gregory VII., Alexander III., Innocent III., Gregory IX., Innocent IV., Our Predecessors, who with the greatest prudence and fortitude stood in the way of the often threatened rule of foreign nations in

purified bacilli were introduced into the circulation of healthy animals of various kinds. In every case inoculation was followed by the reproduction and spread of the parasite and the generation of the original disease.

Permit me to give a further though still brief ard sketchy account of Koch's experiments. Of six guinea-pigs, all in good health, four were incoulated with bacilli the parasite and the generation of the parasite and the generations, and is fully alive to their transtation of the parasite and its beprofoundly impressed with the painstaking skill of the discoverer and the far-reaching consequences of the painstaking skill of the discoverer and the far-reaching consequences of the painstaking skill of the discoverer and the far-reaching consequences of the painstaking skill of the discoverer and the far-reaching consequences of the painstaking skill of the discoverer and the painstaking skill of the discoverer and the far-reaching consequences of the painstaking skill of the discoverer and the point the painstaking skill of the discoverer and the original disease.

Permit me to give a further though still brief and sketchy account of Koch's experiments. Of six guinea-pigs, all in good health, four were inoculated with bacilli derived originally from a human lung, which in fifty-four days had produced five successive generations. Two of the six animals were not infected. In every one of the infected cases the guinea-pigs sickened and lost flesh. After thirty-two-days one of them died, and after thirty-two-days one of the discovery of the form in the faithful to recite discovery. In the facts laid before our capable of the social does one of the social does one of the discovery. In the facts laid before our bearing the insignia of sovereignty to a not health, four were inoculated with bacilli one capable of bringing to proper order civic affairs, and of resisting the ambition of the problem bearing the insignia of sovereignty to a not person can enjoy health while suff-this prayer. There exists a document from this prayer. There exists a document from the faithful to recite discovery. In the facts laid before our capable of bringing of sovereignty to a not person can enjoy health while suff-this prayer. There exists a document from the faithful to recite discovery. In the facts laid before our capable of bringing of sovereignty to a not person can enjoy health while suff-this prayer. There exists a document from the faithful to recite discovery. In the facts laid before our capable of bringing of sovereignty to a not leader who health, four capable of bringing to proper order civic affairs, and of resisting the ambition of the problem and powerful personage who seemed the latious does not health his prayer. There exists a document from the faithful to recite discovery. In the faithful to recite discovery. In the facts laid before our capable of bringing to proper order civic affairs

Roman Pontiffs were not found wanting in the charity of admonition nor the severity of correction. It is well known among all, how many and how great were the cares taken by Clement IV, and Nicholas III, to recall the man to equity and justice. Field provident care would have perhaps overcome the observations. same year.

But as soon as Charles turned his power to unjust rule, and the common-wealth was precipitated, especially through the fault of subordinates, towards ruin, the or Venerable Brethren and Beloved Children, the Archbishops, Bishops and other Ordinaries of Places in Sicily. Pope Leo XIII.

As those who have long been meditating the destruction of Catholicity have bodily and insidiously undertaken many things: so especially they seem to have determined on arousing a certain storm of popular dislike against the Pontiffs. Which design indeed of theirs more and Which design indeed of theirs more and more daily becomes clear and breaks out. For they eagerly grasp every occasion that is given of viruperating the Pontiffs, and studiously take occasion when it is not given: disregarding the uncorrupted popular dislike against the Pontiffs.
Which design indeed of theirs more and more daily becomes clear and breaks out.

Nicholas IV. and Boniface VIII., temnot to rest until having settled those cortroversies by letters and embassies, and provided as far as possible for the welfare and legitimate liberty of the Sicilians. From which things it is manifest, as You, Venerable Brethren and Beloved Children have very truly said, that the Roman Pontiffs could not without the greatest injustice have been termed the favorers of unity trule or causes of exciting populations. of unjust rule, or causes of exciting pop-ular aversion against themselves. In which indeed Our Predecessors had more

Mary after the first greeting. The addition "Holy Mary pray for us sinners, Amen!" was made in 1480, and the Franciscans were accustomed to say, "Now and at the hour of our death." A few years later Pope Pins V. showed his approbation of the prayer, as we now have it, by allowing its insertion in the

Roman Breviary.

The Greek Church has employed the words of the Angel Gabriel and St. Eliza-beth in her rituals from the earliest days of Sts. James and Basil, and claims to have received the addition "Holy Mary, "Hail Mary" almost as complete as we have it now as early as 647. St. Severns,

ring three times—morning, noon, and night—to remind the faithful to recite

inoculation of a modified bacillus? The medical profession of the whole civilized world will now await with the keenest interest the developments which may be expected from further study of the bacillus tuberculosis.—Medical News.

Stances of this kind were not wanting since in history, the Sicilians themselves the sound of the Church the power of a foreign prince that very same year.

But as soon as Charles turned his power to unjust rule, and the common-wealth to unjust rule, and the common-wealth the power of the Nigel Stances of this kind were not wanting incarnation, by saying the "Hail Mary" three times at the sound of the Church bells towards evening. Hence the ringing of the Angelus bell, which became a general practice in the Franciscan Order. On the 13th of October, 1318, Pope John XII. issued a Bullat Avignon by which he was a stances of this kind were not wanting incarnation, by saying the "Hail Mary" three times at the sound of the Church bells towards evening. Hence the ringing of the Angelus bell, which became a general practice in the Franciscan Order. On the 13th of October, 1318, Pope John XII. issued a Bullat Avignon by which he was a constant of the power of a foreign prince that very same year.

stood as I wish them to be understood to those who know me. I don't know whether my liberty is conditional upon a support of the new Whig policy in Ire-land or not—(groans, and cries of "Shame")—but as I have all through my Roman Pontifis attain to the divinely instituted Pontificate itself, and that through the contempt brought on the Princes of the Church, the Church itself if possible may be condemned in the opinion and judgment of men. Of these machinations, Yourselves, Venerable Brethren, and Beloved Children, have beheld a sad and lasting reminder last March at Palermo. Nor could your indignation be silent: a clear and noble expression of it, such as it behooved to expect from Eishops, you caused to be borne to us by means of most respectful letters. Assuredly those injuries were serious beyond measure, so that those who by arrangement had assembled at Palermo seemed to have assembled -which condition I treat with the same contempt I did three years ago (cheers.) In fact, I have already broken them—(re-newed cheers)—and the last I saw of that most interesting document was when I that those who by arrangement had assembled at Palermo seemed to have assembled for the purpose of rivaling one another in casting opprobrious charges against the Roman Pontiffs. Nor was there any respect for the religion which the Sicilians preserve holily and inviolately from their ancestors, and which has been atrociously assailed in language the savage enormity of which no person of probity could endure. How much pain we have felt on account of these things, you may imagine each of you from your own sort. laughter)—but 1 sincerely hope that, should he go to Ireland as a special corres-pondent for some London paper, and fall on the rath of March, 1882, an address of Very serious public import was delivered by Dr. Koch before the Physiological Society of Boston. It touches a question in which we are all at present interested—that of experimental physiology—and with present interested—that of experimental physiology—and with present interested—that of experimental physiology—and with present interested—that of experimental physiology—and in the lungs of persons of the present interested—that of experimental physiology—and in the lungs of persons of the present interested—that of experimental physiology—and in the present interested—that physiology—and in the present interested—that

The "Hail Mary," as we now recite it, dates from the year 1515: originally it consisted only of the words of the Archangel and St. Elizabeth. Pope Gregory the Great (590-604) ordered this primitive "Hail Mary" to be said at the Offertory of the Mass of the Fourth Sunday in Advent, and there we find it as follows: "Ave Maria gratia plena, Dominus tecum, Benedicta tu in mulieribus, et benedictus fructus ventris tui."—("Hail Mary, full of grace, the Lord is with thee, blessed art thou amongst women, and blessed art thou amongst women, and blessed is the fruit of thy womb.") In the thirteenth century, according to Durandus, it was recited after "Our Father" in beginning the Divine Office. Pope Urban IV., in recited after "Our Father" in beginning the Divine Office. Pope Urban IV., in 1.63, added the Holy name of Jesus after the Scriptural sentence, as the devotion of the faithful had introduced the name Mary after the first greeting. judiced of his countrymen, and to make an heroic concession to justice and right, or will he continue, as in the new Bill, to be guided by the policy of a Forster (loud hisses), and the tactics of political adversaries? It would

have received the addition "Holy stat," as Mother of God, pray for us sinners," as early as the Council of Ephesus, in the beginning of the fifth century. It is an undeniable fact that the Greeks had the un lish misgovernment in Ireland shall find in me a sleepless and incessant opponent less God, in to save us.' Gregory IX., Innocent IV., Our Predecessors, who with the greatest prudence and fortitude stood in the way of the often threatened rule of foreign nations in the following manner; "Peace be to thee, Mary, full of grace; the Lord is with thee; blessed art thou amongst women, in the Pottiffs. In truth to the Apostolic See found a compensating and abundant response in the paternal benevolence of the Pontiffs. In truth to their counsels and not inconsiderable vigilance the Sicilians partly owe that they were enabled to escape the servidue of the Saracens. And a pleasing and equitable liberty was obtained from Innocent IV. and Alexander IV. by the Sicilians when after the death of the Emperor Conrad, sovereignty was allowed to the municipalities. If afterwards Clement IV. with solemn rite named Charles of Anjon king of Sicily there is no reason to reprehend the Pontiff. He had acted according to his right, and did what he thought beet for the interest of the Sicilians between the conting there times—morning, noon, and between conflicting interest that have been called the church bells should ring three times—morning, noon, and forced the hands of unwilling legistation. Dark as is the present outlook, and forced the hands of unwilling legis-lators. Dark as is the present outlook,

-I feel compelled to make a few observations upon a subject which, of all others that are discussed in connection with the present state of Ireland, is the most painful to dwell upon. The outrages that have been committed during the past year have been committed during the past year in Ireland, culminating in the assassinations of the 6th of this month, have placed the character of our country in a very odious light before public opinion throughout the world. Apart from the obloquy which they are made to bring upon our country, they, and they alone, are responsible for the check that has been given to the Land League movement, and for the crisis with which we are now confronted. Granting all that can be said on the head of provocation—all that can be quoted to show that the balance of crime and outrage has ever been on the side of our oppressors in the past—when will we learn the lesson which common sense and prudence teach, that the one grand fatal error in all popular movements is to allow the promptings of movements is to allow the promptings of individual passion to silence the warnings of moral sense and prudence in order to seek a selfish and criminal gratification regardless of all consequences to a people's gardless of all consequences to a people's gardiess of air consequences to a people's cause? (hear, hear). Are there not far nobler principles and more exalted and manly aspirations bequeathed to us from the past than those of hatred and revenge?

IF THE POWERS ON HIGH SEEM INDIFFER-

to interfere in the defence of right, shall the cause of justice be sullied by unholy vengeance? If the one supreme danger that besets the path of this great movement be that of outrage, and the greatest obstacle in the way of success be the gra-tification of passionate resentment, why should not policy, prudence, morality and religion stay the suicidal acts of those who retaliate for the wrongs inflicted upon injured men? If Irish landlordism finds its only support from public opinion in ap-pearing to be the victim of a people's im-placable vengeance, why should its life be prolonged by the excesses of its victims be prolonged by the excesses of its victims (hear, hear)? It is heartrending to think that were it not for the excesses of the past year the cause of justice would by this time have triumphed, and Ireland would stand to-day in the position of a victor in her own cause and that of humanity also (cheers). Had the promptings of revenge not frustrated the plans of the Land League, Irish landlordism could no more have withstood the forces that our plan of action had arrayed that our plan of action had arrayed against it than could a rotten hulk rigged with matchbox spars and tissue-paper sails bear up against the fury of an equin-octial gale (cheers). As for the other class of outrages that have

of outrages that have
stained the record of our country
during the same period, no language is
sufficiently strong with which to reprobate and condemn them. As to the individuals who perpetrate these norrible
brutalities, whether actuated by the incomprehensible motives that could prompt
a tenant farmer to perform them, or by
the worse design that would incite the
degraded instruments of Irish landlordism
to their perpetration for the purpose of to their perpetration for the purpose of bringing odium upon the cause of Irish land reform, no difference of opinion can exist in Ireland and England as to the punishment which such crimes deserve. The wretch who is capable of such monstrous barbarity towards a dumb and in-offensive beast places himself beyond the pale of human sympathy, and merits being branded with some indelible mark of popular execration that should point him out for ever to his fellow-man as infamous How the Prayer has Come into Use.

The "Hail Mary," as we now recite it,

The "Hail Mary," as we

for me to think that he would be guided in his actions by a man like myself. But he time to be spent in penal sorviced the time to be spent in penal sorviced. the time to be spent in penal servitude in the mines of that country. The number of the exiles has by this time dwindled HUMBLE AND DESCURE THOUGH MY ORIGIN AND POSITION MAY BE (prolonged cheers)—the son of an Irish peasant—(cheers)—who was refused shelter in an Irish workhouse by Irish landlordism—the son of an Irish mother who had to beg through the streets of England for bread for me—humble as that origin may be, the memory of that mother has the process of the exiles has by this time dwindled down to a few dozens. The penal servitude is over, but the banishment subsists; and the latest reports received from Siberia and reproduced by the Beien Public of Brussels, and the Germania of Berlin, show that the unfortunate exiles are simply starving with cold and want of food. One of them writes:-

"After walking 9,000 miles our condition is worse than it was in the mines, where we had at least shelter and a piece of bread. The cold—forty degrees below zero—and hunger are sure to kill us, un-

No person can enjoy health while suff-