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THE GODS.

BY COL. R. G. INGERSOLL.

V.

is Church cannot abandon the idea of special providence. To give up at doctrine is to give up all. The Church must insist that prayer is swered—that some power superior to nature hears and grants the quest of the sincere and humble Christian, and that this same power

some mysterious way provides for all.

A devout clergyman sought every opportunity to impress upon the ind of his son the fact, that God takes care of all his creatures; that efalling sparrow attracts his attention, and that his loving kindness over all his works. Happening, one day, to see a crane wading in lest of food, the good man pointed out to his son the perfect adaptation the crane to get his living in that manner. "See," said he, "how s legs are formed for wading! What a long slender bill he has! beeve how nicely he folds his feet when putting them in or drawing em out of the water! He does not cause the slightest ripple. He is us enabled to approach the fish without giving them any notice of his rival. My son," said he, "it is impossible to look at that bird without ognizing the design, as well as the goodness of God, in thus providing means of subsistence." "Yes," replied the boy, "I think I see the codness of God, at least so far as the crane is concerned; but after all, ther, don't you think the arrangement a little tough on the fish?" Even the advanced religionist, although disbelieving in any great mount of interference by the gods in this age of the world, still thinks, at in the beginning, some god made the laws governing the universe. believes that in consequence of these laws a man can lift a greater eight with, than without, a lever; that this god so made matter, and established the order of things, that two bodies cannot occupy the me space at the same time; so that a body once put in motion will sp moving until it is stopped; so that it is a greater distance around un across a circle; so that a perfect square has four equal sides, stead of five or seven. He insists that it took a direct interposition of widence to make the whole greater than a part, and that had it not on for this power superior to nature, twice one might have been more an twice two, and sticks and strings might have had only one end iece. Like the old Scotch divine, he thanks God that Sunday comes

at the end instead of in the middle of the week, and that death comes the close instead of at the commencement of life, thereby giving us ting to prepare for that holy day and that most solemn event. These religions people see nothing but design everywhere, and personal, intelliges interference in everything. They insist that the universe has been created, and that the adaptation of means to ends is perfectly apparent. They point us to the sunshine, to the flowers, to the April rain, and all there is of beauty and of use in the world. Did it ever occur to the that a cancer is as beautiful in its development as is the reddest road that they are pleased to call the adaptation of means to ends, is apparent in the cancer as in the April rain? How beautiful the prosest of digestion! By what ingenious methods the blood is poisoned so the the cancer shall have food! By what wonderful contrivances the entire system of man is made to pay tribute to this divine and charming cancer. Thought seem of the cancer shall have food! By what wonderful contrivances the entire system of man is made to pay tribute to this divine and charming cancer. Thought expands and grows! By what marvellous mechanism it is supplied with long and slender roots that reach out to the most secret nerves of pair think. Think of the amount of this wonderful cancer must be infinitely powerful, ingenious and good! We are told that the universe was designed and created, and that it is perfectly self-evident that a god has.

If a god created the universe, then there must have been a time when all this, may be a time the concern. at the end instead of in the middle of the week, and that death comes

If a god created the universe, then there must have been a time when the commenced to create. Back of that time there must have been a suppose, except this supposed god. According to this theory, this god spent at eternity, so to speak, in an infinite vacuum, and in perfect idleness Admitting that a god did create the universe, the question then arises of what did he create it? It certainly was not made of nothing. Nothing considered in the light of a raw material, is a most decided failure. It follows, then, that the god must have made the universe out of himself this is so specified in the light of a raw material. With this very thought in his mind, Anaximander of Miletus said: "Creation is the decomposition of the infinite."

It has been demonstrated that the earth would fall to the sun, only be an effect for the fact, that it is attracted by other worlds, and those worlds must be attracted by other worlds still beyond them, and so on without end This proves the material universe to be infinite. If an infinite universe has been made out of an infinite god, how much of the god is left?

The idea of a creative deity is gradually being abandoned, and nearly

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ne comes in greating and the control is the crowning glory of our century to have demonstrated the independence of force and the indestructible cannot be created. Intelliged is the crowning glory of our century to have demonstrated the independence of force and consequently, is the crowning glory of our century to have demonstrated the independence of force and consequently, or to the force apart from matter, and superior to nature, is a demonstrated esposibility.

To the force apart from matter, and superior to nature, is a demonstrated esposibility.

Force, then, must have also existed from eternity, and could not have sen created. Matter in its countless forms, from dead earth to the eyes ed so the those we love, and force, in all its manifestations, from simple motion the grandest thought, deny creation and defy control.

Thought is a form of force. We walk with the same force with which to the sum of the s it was would not the effect be exactly the same? Yes. Like causes, producing though the effects, is what we mean by law and order. Then we have matter, ecompo- bree, effect, law and order without a being superior to nature. Now we how that every effect must also be a cause, and that every cause must bean effect. The atoms coming together did produce an effect, and as ls must every effect must also be a cause, the effect produced by the collision of the atoms, must as to something else have been a cause. Then we have matter, force, law, order, cause and effect without a being superior to niverse nature. Nothing is left for the supernatural but empty space. His nearly throne is a void, and his boasted realm is without matter, without force, without law, without cause, and without effect.

VI.

But what put all this matter in motion? If matter and force have existed from eternity, then matter must have always been in motion Force is forever active, and there is, and there can be, no cessation. therefore, matter and force have existed from eternity, so has motion In the whole universe there is not even one atom in a state of rest.

A deity outside of nature exists in nothing, and is nothing. Natur embraces with infinite arms all matter and all force. That which beyond her grasp is destitute of both, and can hardly be worth the

worship and adoration even of a man.

There is but one way to demonstrate the existence of a power inde pendent of and superior to nature, and that is by breaking, if only to one moment, the continuity of cause and effect. Pluck from the endles chain of existence one little link; stop for one instant the grand pro cession, and you have shown beyond all contradiction that nature has master. Change the fact, just for one moment, that matter attract

matter, and a god appears.

The rudest savage has always known this fact, and for that reason always demanded the evidence of miracle. The founder of a religion must be able to turn water into wine-cure with a word the blind and lame, and raise with a simple touch the dead to life. It was necessary for him to demonstrate to the satisfaction of his barbarian disciple that he was superior to nature. In times of ignorance this was easy to do The credulity of the savage was almost boundless. To him the marvelous was the beautiful, the mysterious was the sublime. Consequently every religion has for its foundation a miracle—that is to say, a violation nature—that is to say, a falsehood.

No one, in the world's whole history, ever attempted to substantiate truth by a miracle. Truth scorns the assistance of a miracle. Nothing but falsehood ever attested itself by signs and wonders. No mirade ever was performed, and no sane man ever thought he had performed one; and until one is performed, there can be no evidence of the exist-

ence of any power superior to, and independent of, nature.

The church wishes us to believe. Let the church, or one of its intellectual saints, perform a miracle, and we will believe. We are told that nature has a superior. Let this superior, for one single instant, control nature, and we will admit the truth of your assertions.

We have heard talk enough. We have listened to all the drowsy, idealess, vapid sermons that we wish to hear. We have read your bible and the works of your best minds. We have heard your prayers, your solemn groans and your reverential amens. All these amount to less than nothing. We want one fact. We beg at the doors of your churches for just one little fact. We pass our hats along your pews and under your pulpits and implore you for just one fact. We know all about your mouldy wonders and your stale miracles. We want a this year's fact. We ask only one. Give us one fact for charity. Your miracles are too

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terial worl in the sam mechanica Nature i but she ete be no end. The best nature the

find their e assert that insist that in his brai They say t produce m there must intelligence So far as w conceive of meient. The witnesses have been dead for nearly two thousand years. Their reputation for "truth and veracity" in the neighborhood where they resided is wholly unknown to us. Give us a new miracle, and substantiate it by witnesses who still have the cheerful habit of living in this world. Do not send us to Jericho to hear the winding horns, nor put us in the fire with Shadrach, Meshach and Abednego. Do not compel us to navigate the sea with Captain Jonah, nor dine with Mr. Ezekiel. There is no sort of use in tending us fox-hunting with Sampson. We have positively lost all interest in that little speech so eloquently delivered by Balaam's inspired donkey. It is worse than useless to show us fishes with money in their mouths, and call our attention to vast multitudes suffing themselves with five crackers and two sardines. We demand a new miracle, and we demand it now. Let the church furnish at least one, or forever after hold her peace.

In the olden time, the church, by violating the order of nature, proved the existence of her god. At that time miracles were performed with the most astonishing ease. They became so common that the church ordered her priests to desist. And now this same church—the people having found some little sense—not only admits that she cannot perform a miracle, but insists that the absence of miracle—the steady, unbroken march of cause and effect—proves the existence of a power superior to nature. The fact is, however, that the indissoluble chain of cause and

effect proves exactly the contrary.

Sir William Hamilton, one of the pillars of modern theology, in dis-

cussing this very subject, uses this language:

"The phenomena of matter, taken by themselves, so far from warranting any inference of the existence of a god, would, on the contrary,
gound even an argument to his negation. The phenomena of the material world are subject to immutable laws; are produced and reproduced
in the same invariable succession, and manifest only the blind force of a
mechanical necessity."

Nature is but an endless series of efficient causes. She cannot create, but she eternally transforms. There was no beginning, and there can

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The best minds, even in the religious world, admit that in material nature there is no evidence of what they are pleased to call a god. They find their evidence in the phenomena of intelligence, and very innocently assert that intelligence is above, and, in fact, opposed to nature. They insist that man, at least, is a special creation; than he has somewhere in his brain a divine spark—a little portion of the "Great First Cause." They say that matter cannot produce thought; but that thought can produce matter. They tell us that man has intelligence, and therefore there must be an intelligence greater than his. Why not say, God has intelligence, therefore there must be an intelligence greater than his? So far as we know, there is no intelligence apart from matter. We cannot conceive of thought, except as produced within a brain.

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The science by means of which they demonstrate the existence of impossible intelligence and an incomprehensible power, is called me physics or theology. The theologians admit that the phenomena matter tend, at least, to disprove the existence of any power superior nature, because in such phenomena we see nothing but an endless chi of efficient causes-nothing but the force of a mechanical necessi They therefore appeal to what they denominate the phenomena of min to establish this superior power.

The trouble is, that in the phenomena of mind we find the san endless chain of efficient causes; the same mechanical necessity. Ever thought must have had an efficient cause. Every motive, every desir every fear, hope and dream must have been necessarily produced. The is no room in the mind of man for providence or chance. The facts at forces governing thought are as absolute as those governing the motion of the planets. A poem is produced by the forces of nature, and is necessarily and naturally produced as mountains and seas. seek in vain for a thought in man's brain without its efficient caus Every mental operation is the necessary result of certain facts and con ditions. Mental phenomena are considered more complicated than the of matter, and consequently more mysterious. Being more mysterion they are considered better evidence of the existence of a god. infers a god from the simple, from the known, from what is understood but from the complex, from the unknown and incomprehensible. Of ignorance is God; what we know is science.

When we abandon the doctrine that some infinite being create matter and force, and enacted a code of laws for their government, the idea of interference will be lost. The real priest will then be, not the mouth-piece of some pretended deity, but the interpreter of nature From that moment the church ceases to exist. The tapers will die of upon the dusty altar; the moths will eat the fading velvet of pulpit at pew; the Bible will take its place with the Shastras, Puranas, Veds Eddas, Sagas and Korans, and the fetters of a degrading faith will hi from the minds of men.

VII.

"But," says the religionist, "you cannot explain everything; you cannot understand everything; and that which you cannot explain, that which you do not comprehend, is my God."

an must We are explaining more every day. We are understanding more ever tem. If t Consequently, your God is growing smaller every day. labor is r nceless an

Nothing daunted, the religionist then insists that nothing can ex without a cause, except cause, and that this uncaused cause is God.

without a cause, except cause, and that this uncaused cause is God.

To this again we reply: Every cause must produce an effect, became and by manuntil it does produce an effect, it is not a cause. Every effect must be Nature, so its turn become a cause. Therefore, in the nature of things, there case rms, trans not be a last cause, for the reason that a so-called last cause would

cessarily produce an effect, and that effect must of necessity become a use. The converse of these propositions must be true. Every effect ast have had a cause, and every cause must have been an effect. perefore there could have been no first cause. A first cause is just as possible as a last effect.

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The moment these great truths are understood and admitted, a belief general or special providence becomes impossible. From that instant en will cease their vain efforts to please an imaginary being, and will we their time and attention to the affairs of this world. They will andon the idea of attaining any object by prayer and supplication. he element of uncertainty will, in a great measure, be removed from e domain of the future, and man, gethering courage from a succession victories over the obstructions of nature, will attain a serene grandeur

known to the disciples of any superstition.

The plans of mankind will no longer be interfered with by the finger a supposed omnipotence, and no one will believe that nations or indiduals are protected or destroyed by any deity whatever. Science, freed om the chains of pious custom and evangelical prejudice, will, within er sphere, be supreme. The mind will investigate without reverence, nd publish its conclusions without fear. Agassiz will no longer hesitate declare the Mosaic cosmogony utterly inconsistent with the demonrated truths of geology, and will cease pretending any reverence for e Jewish scriptures. The moment science succeeds in rendering the purch powerless for evil, the real thinkers will be outspoken. The little ags of truce carried by timid philosophers will disappear, and cowardly arley will give place to victory, lasting and universal.

If we admit that some infinite being has controlled the destinies of ersons and peoples, history becomes a most cruel and bloody farce. Age ter age, the strong have trampled upon the weak; the crafty and eartless have ensuared and enslaved the simple and innocent, and nohere, in all the annals of mankind, has any god succored the oppressed. Man should cease to expect aid from on high. By this time he should now that heaven has no ear to hear, and no hand to help. The present the necessary child of all the past. There has been no chance, and

here can be no interference. u canno

at which If abuses are destroyed, man must destroy them. If slaves are freed, an must free them. If new truths are discovered, man must discover ore ever mem. If the naked are clothed; if the hungry are fed; if justice is done; labor is rewarded; if superstition is driven from the mind; if the decan exist necless are protected, and if the right finally triumphs, all must be the ork of man. The grand victories of the future must be won by man, , because and by man alone.

must Nature, so far as we can discern, without passion and without intention, nere can rms, transforms, and retransforms forever. She neither weeps nor

rejoices. She produces man without purpose, and obliterates him without regret. She knows no distinction between the beneficial and the hurtful. Poison and nutrition, pain and joy, life and death, smiles and tears, are alike to her. She is neither merciful nor cruel. She cannot be flattered by worship nor melted by tears. She does not know even the attitude of prayer. She appreciates no difference between poison the fangs of snakes and mercy in the hearts of men. Only through man does nature take cognizance of the good, the true, and the beautiful; and

so far as we know, man is the highest intelligence.

And yet man continues to believe that there is some power independent of and superior to nature, and still endeavors, by form, ceremon, supplication, hypocrisy and sacrifice, to obtain its aid. His best energies have been wasted in the service of this phantom. The horrors of witch craft were all born of an ignorant belief in the existence of a totally depraved being superior to Nature, acting in perfect independence of her laws; and all religious superstition has had for its basis a belief in at least two beings, one good and the other bad, both of whom could arbitrarily change the order of the universe. The history of religion is simply the story of man's efforts in all ages to avoid one of these powers and to pacify the other. Both powers have inspired abject fear. The cold, calculating sneer of the devil, and the frown of God, were equally terrible. In any event, man's fate was to be arbitrarily fixed forever by an unknown power superior to all law and to all fact. Until this belief is thrown aside, man must consider himself the slave of phantom masters -neither of whom promise liberty in this world nor in the next.

Man must learn to rely upon himself. Reading bibles will not protect him from the blasts of winter, but houses, fires and clothing will. To prevent famine, one plough is worth a million sermons, and even patent medicines will cure more diseases than all the prayers uttered since the

beginning of the world.

Although many eminent men have endeavored to harmonize necessity and free will, the existence of evil, and the infinite power and goodness of God, they have succeeded only in producing learned and ingenious failures. Immense efforts have been made to reconcile ideas utterly inconsistent with the facts by which we are surrounded, and all persons who have failed to perceive the pretended reconciliation have been denounced as infidels, atheists and scoffers. The whole power of the church has been brought to bear against philosophers and scientists in order to compel a denial of the authority of demonstration, and to induce some Judas to betray Reason, one of the saviors of mankind.

FAR from a classes are a privilege ethereality endowed of had the var general acc guans belie the gods, b it. Grante from record being, liabl the poor so the dead d harm, and the dolefull a departed is the conte corpse, and Ndengei, b if killed in But the sou battle; suc the rocks v hopeless eff at last the r dashes then

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ghost, if we

ANIMISM.

BY PROF. TYLOR, AUTHOR OF "PRIMITIVE CULTURE."

V.

FAR from a life after death being held by all men as the destiny of all men, whole classes are formally excluded from it. In the Tonga Islands, the future life was a privilege of caste, for while the chiefs and higher orders were to pass in divine ethereality to the happy land of Bolotu, the lower ranks were believed to be endowed only with souls that died with their bodies; and although some of these had the vanity to claim a place in paradise among their betters, the populace in general acquiesced in the extinction of their own plebeian spirits. The Nicaraguans believed that if a man lived well, his soul would ascend to dwell among the gods, but if ill, it would perish with the body, and there would be an end of it. Granted that the soul survives the death of the body, instance after instance from records of the lower culture shows this soul to be regarded as a mortal being, liable like the body itself to accident and death. The Greenlanders pitied the poor souls who must pass in winter or in storm the dreadful mountain where the dead descend to reach the other world, for then a soul is like to come to harm, and die the other death where there is nothing left, and this is to them the dolefullest thing of all. Thus the Fijians tell of the fight which the ghost of adeparted warrior must wage with the soul-killing Samu and his brethren; this is the contest for which the dead man is armed by burying the war-club with his copse, and if he conquers, the way is open to him to the judgment-seat of Ndengei, but if he is wounded his doom is to wander among the mountains, and if killed in the encounter he is cooked and eaten by Samu and his brethren. But the souls of unmarried Fijians will not even survive to stand this wager of battle; such try in vain to steal at low water round to the edge of the reef past the rocks where Nangananga, destroyer of wifeless souls, sits laughing at their hopeless efforts, and asking them if they think the tide will never flow again, till at last the rising flood drives the shivering ghosts to the beach, and Nangananga dashes them to pieces on the great black stone, as one shatters rotten firewood.

Such, again, were the tales told by the Guinea negroes of the life or death of departed souls. Either the great priest before whom they must appear after death would judge them, sending the good in peace to a happy place, but killing the wicked a second time with the club that stands ready before his dwelling; or else the departed shall be judged by their god at the river of death, to be gently safted by him to a pleasant land if they have kept feasts and oaths and abstained from forbidden meats, but, if not, to be plunged in the river of the god, and thus drowned and buried in eternal oblivion. Even common water can drown a negro plost, if we may believe the story of the Matamba widows having themselves

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ducked in the river or pond to drown off the soals of their departed husband, who might still be hanging about them, clinging closest to the best loved wise After this ceremony, they married again. From such details, it appears that the conception of some souls suffering extinction at death, or dying a second deat—a thought still as heretofore familiar to speculative theology—is not unknown in the lower culture.

The soul, as recognized in the philosophy of the lower races, may be define as an ethereal surviving being, conceptions of which preceded and led up to the more transcendental theory of the immaterial and immortal soul, which forms part of the theology of higher nations. It is principally the ethereal surviving soul of early culture that has now to be studied in the religions of savages and barbarians and the folk-lore of the civilized world. That this soul should be looked upon as surviving beyond death is a matter scarcely needing elaborate argument. Plain experience is there to teach it to every savage: his friend a his enemy is dead, yet still in dream or open vision he sees the spectral form which is to his philosophy a real objective being, carrying personality as it carried

This thought of the soul's continued existence is, however, but the gatewal into a complex region of belief. The doctrines which, separate or compounded make up the scheme of future existence among particular tribes are principally these: The theories of lingering, wandering, and returning ghosts, and of sould welling on or below or above the earth in a spirit-world, where existence is modelled upon the earthly life, or raised to higher glory, or placed under reversed conditions; and, lastly, the belief in a division between happiness and misery departed souls, by a retribution for deeds done in life, determined in a judgment after death.

VI.

"ALL argument is against it, but all belief is for it," said Dr. Johnson of the apparition of departed spirits. The doctrine that ghost souls of the dead hove among the living is, indeed, rooted in the lowest levels of savage culture, extends through barbaric life almost without a break, and survives largely and deeply in the midst of civilization. From the myriad details of travellers, missionaris historians, theologians, spiritualists, it may be laid down as an admitted opinion as wide in distribution as it is natural in thought, that the two chief haunting grounds of the departed soul are the scenes of its fleshly life and the build place of its body. As in North America the Chickasaws believe that the spirit of the dead in their bodily shape move about among the living in great joy; at the Aleutian Islanders fancied the souls of the departed walking unseen among their kindred, and accompanying them in their journeys by sea and land; at Africans think that souls of the dead dwell in their midst, and eat with them a

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meal times; as Chinese pay their respects to kindred spirits present in the halls of ancestors; so multitudes in Europe and America live in an atmosphere that swarms with ghostly shapes—spirits of the dead, who sit over against the mystic by his midnight fire, rap and write in spirit-circles, and peep over girls' shoulders as they scare themselves into hysterics with ghost-stories. Almost throughout the vast range of animistic religion, we shall find the souls of the departed hospitably entertained by the survivors on set occasions, and manes-worship, so deep and strong among the faiths of the world, recognizes with a reverence not without fear and trembling those ancestral spirits which, powerful for good or ill, manifest their presence among mankind. Nevertheless, death and life dwell but ill together, and from savagery onward there is recorded many a device by which the survivors have sought to rid themselves of household ghosts.

Though the unhappy savage custom of deserting houses after a decease may mostly be connected with other causes, such as horror or abnegation of all things belonging to the dead, there are cases where it appears that the place is simply abandoned to the ghost. In Old Calabar it was customary for the son to leave his father's house to decay, but after two years he might rebuild it, the ghost being thought by that time to have departed. The Hottentots abandoned the head man's house, and were said to avoid entering it lest the ghost should be The Yakuts let the hut fall in ruins where anyone had expired, thinking the habitation of demons. The Karens were said to destroy their villages to escape the dangerous neighborhood of departed souls. Such proceedings, however, scarcely extend beyond the limits of savagery, and only a feeble survival of the old thought lingers on into civilization, where from time to time a haunted house is left to fall to ruins, abandoned to a ghostly tenant who cannot keep it But even in the lowest culture we find flesh holding its own against spirit, and at higher stages the householder rids himself with little scruple of an unwelcome inmate. The Greenlanders would carry the dead out by the window, not by the door, while an old woman, waving a firebrand behind, cried, "Pikerrukpok!" i.e., "There is nothing more to be had here!" The Hottentots removed the dead from the hut by an opening broken out on purpose, to prevent him from finding the way back; the Siamese, with the same intention, break an opening through the house wall to carry the coffin through, and then hurry it at full speed thrice round the house. The Siberian Chuwashes fling a red-hot stone after the corpse is carried out, for an obstacle to bar the soul from coming back; so Brandenburg peasants pour out a pail of water at the door after the coffin, to prevent the soul from walking; and Pomeranian mourners returning from the churchyard leave behind the straw from the hearse, that the wandering soul may rest there, and not come back so far as home.

In the ancient and the mediæval world, men habitually invoked spiritual aid beyond such material shifts as these, calling in the priest to lay or banish intrud-

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joy; as among and; as them at ing ghosts; nor is this branch of the exorcist's art even yet forgotten. There is, and always has been, a prevalent feeling that disembodied souls, especially such as have suffered a violent or untimely death, are baneful and malicious beings. As Meiners suggests in his "History of Religions," they were driven unwillingly from their bodies, and have carried into their new existence an angry longing for revenge. No wonder that mankind should so generally agree that, if the souls of the dead must linger in the world at all, their fitting abode should be, not the haunts of the living, but the resting-places of the dead.

After all, it scarcely seems, to the lower-animistic philosophy, that the connection between body and soul is utterly broken by death. Various wants may keep the soul from its desired rest, and among the chief of these is when its mortal remains have not had the funeral rites. Hence the deep-lying belief that ghosts of such will walk. Among some Australian tribes, the "ingna," or evil spirits, human in shape, but with long tails and long upright ears, are mostly souls of departed natives whose bodies were left to lie unburied, or whose death the avenger of blood had failed to expiate; and thus they have to prowl on the face of the earth, and about the place of death, with no gratification but to harm the In New Zealand, the ideas were to be found that the souls of the dead were apt to linger near their bodies, and that the spirits of men left unburied, or killed in battle and eaten, would wander; and the bringing such malignant souls to dwell within the sacred burial-enclosure was a task for the priest to accomplish with his charms Among the Iroquois of North America the spirit also stays near the body for a time, and, "unless the rites of burial were performed, it was believed that the spirits of the dead hovered for a time upon the earth, in a state of great unhappiness. Hence their extreme solicitude to procure the bodies of those slain in battle." Among the Brazilian tribes, the wandering shadows of the dead are said to be considered unresting till burial. In Turanian regions of North Asia, the spirits of the dead who have no resting-place in earth are thought of as lingering above ground, especially where their dust remains. South Asia has such beliefs: the Karens say that the ghosts who wander on the earth are not the spirits of those who go to Plu, the land of the dead, but of infants, of such as died by violence, of the wicked, and of those who by an accident have not been buried or burned. The Siamese fear as unkindly spirits the souls of such as died a violent death or were not buried with the proper rites and who, desiring expiation, invisibly terrify their descendants.

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THE DOOM OF CHRISTIAN SPAIN.

BY G. W. FOOTE, EDITOR "FREETHINKER."

II.

What does the Spanish Constitution say? "This nation binds itself to maining the worship and ministers of the Roman Catholic religion." A glorious abition! for which a nation must pay heavily. Protestant worship is allowed, at it must be entirely in private, and all public announcements are forbidden, pain has 65 cathedrals; 30 religious colleges; 18,564 churches; 161 monascies, with 1,684 monks; 1,027 convents, with 14,592 nuns; 11,202 sanctuaries and other religious houses, not churches; and 32,435 priests for a population of mething over seventeen millions. Such a number of priests is enough to make larger nation stupid—not to say poor and miserable.

According to the last census of which we have the figures—that of 1887—the illowing are the numbers of non-Catholics in Spain:—

6,654 Protestants

402 Jews

9.645 Rationalists

510 Other Religions

13,175 Religion not stated.

All the rest of the 17.565,632 are Catholics.

There is some hope still for Spain if she has nearly ten thousand Rationalists—to which number, we suspect, must be added a good many of those who rudently declined to state their religious belief. Some of those Rationalists, of purse, have a pretty rough time in such a bigoted nation. When we attended the International Freethought Congress at Paris, in 1889, we had the pleasure of taking hands with a Spanish Freethinker from Barcelona, a gentleman of editation and refinement, who had left his native land in a great hurry. He ad written an article, such as any Radical newspaper would publish in England, as the Giordano Bruno celebration at Rome. He called Bruno a noble martyr, thich he undoubtedly was, and condemned the Church for burning him to death. For this article he was prosecuted. He was found guilty of insulting the Catholic burch, and sentenced to seven years' imprisonment.

Spain is wonderfully pious, and of course she is wonderfully ignorant. The tem in the national Budget for Education amounts to 1,868,650 pesetas—about ξ_1 8,000. In 1889 only 28 per cent. of the people could read and write, and it soot likely that much improvement has taken place in nine years. Just think tit! With all her sonorous gasconade and donnish posturing, she leaves the immense majority of her people in gross illiteracy. They cannot even read the definious book of Cervantes, which is the delight of the whole civilized world.

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Multitudes of Spaniards have no idea of the relative size and position of the owever, we own country in the world. When the poet, James Thomson, ("B.V."), a Torquet acting as correspondent to a newspaper during the last Carlist war, he shore noted a some of the Basque peasants a map, pointing out Spain to them, and also the mone she own district of the peninsula. The result was that they were all dumbfounds aquisitorand crestfallen. They fancied that Spain was the biggest part of the world, as that their own district was the biggest part of Spain.

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The best-known personages in Spain are saints. The most precious article The most powerful men are cardinals, bishops, and priests. The most popular men are bull-fighters. A leading toreador is the envy of all the amiliars a men and the darling of all the women. He commands a princely salary, and ant fear of enjoys the highest distinction, not to mention other privileges which are n exactly describable. Bullfighting in Spain is not on a level with the forms cruelty which humanitarians seek to suppress in England. It is not sporad but chronic; it does not sneak about in search of patrons, it is a national inst tution, patronized by all classes of society from princes to beggars. Pries occupy seats and watch the bloody sport, which is necessarily demoralizing, an perhaps more so to the spectators than to the performers. It blends pleasu with the suffering of others, and recreation with bloodshed, and panders to the fundamental savagery of human nature. No one who understands it can wond that the Spaniard is so brutal in Cuba, in the Phillipines, or wherever elsel rules; or that he tortures political prisoners, with instruments borrowed from the Inquisition, in the fortress of Montjuich. Even the Spanish women enjoyth f opposition bullfights!

Spain is the classic land of the Inquisition. Saint Dominic, the founder of the Dominican order, was a Spaniard, born at Calarogo in 1170. He it was wh designed the model of that dread institution, although it was not really established till several years after his death, which occurred in 1221. Its operation wa entrusted to the monks of his order, who became the Familiars of the Holl Tribunal, and were commonly known as the Militia of Christ. Tradition say that St. Dominic's mother, before his birth, dreamed that she was with child a whelp, carrying a lighted torch in its mouth. This is interpreted by hi followers to mean that he was to enlighten the world, and he did so-with the faggot and the stake. As an inquisitor at large in the country of Toulouse, who his fiery zeal was turned against the poor Albigenses, he announced his fixe purpose of calling in the secular arm to support the spiritual tyranny, and compelling the Catholic princes to take up arms against the heretics, so that the and gave bi very memory of them might be utterly destroyed. He was so dear to the Catholic Church that Gregory IX. canonized him in 1234. But if St. Dominic above an ho a Spaniard, was the designer of the Inquisition, it might have been reserved to not obtain t a priest of some other nation to be its supreme embodiment. This distinction

tion of the wever, was in fact left for another Spaniard, the famous (or infamous) Thomas B.V."), was Torquemada. He was the confessor of Queen Isabella, and is said to have he show norted a promise from her, before her accession, that if ever she came to the d also the rone she would devote herself to the extirpation of heretics. He was appointed quisitor-General in 1485, and he organized the new Inquisition, drawing up its les with his own hand. So fierce and unrelenting was his fanaticism that 105,world, an 4 victims were burnt or severely punished in eighteen years. His cruelties ous article ere too much even for the Pope, who curtailed his powers, ostensibly on count of his age and infirmities. He was so hated that a bodyguard of fifty iests. Th y of all the amiliars accompanied him on horseback when he travelled, and he was in consalary, and ant fear of being poisoned, but unfortunately he died a natural death.

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III.

ris to the credit of human nature, though to the disgrace of the clergy, that the equisition, wherever it was established, had always to be forced upon a reluctant eople. This was true even in Spain. "It is an incontestable fact in the history the Spanish Inquisition," says Llorente, "that it was introduced entirely ainst the consent of the provinces, and only by the influence of the Dominican onks. The Spaniard hated the Holy tribunal and assassinated many of its ficers; and, as they were an organized band of assassins, it it a pity he did not terminate them altogether. But in time the Spaniard was subdued, the spirit opposition was crushed out of him, and he sank so low as to love his ppressors.

This glorious Inquisition searched out heretics—that is, persons with enough apacity and individuality to think. It imprisoned them with or without trial, trobbed them of their property, and forced their wives and families into destiution. It tortured them with every fiendish device. It had a separate agony r every part of the human frame. It burnt them wholesale at grand festivals. he roasting of as many heretics as possible was thought the finest spectacle at a wal marriage or a coronation. Often the poor wretches were cooked alive in a low fire. Under the Spanish Inquisition in the Netherlands, a man named Le Blas, for denying that the holy wafer was indeed the body of Christ, had his ight hand and foot twisted off with red hot irons, and was then hooked by the middle of the body to an iron chair, and swung to and fro over a slow fire till he as literally roasted. Women far advanced in pregnancy were burnt at the stake, and gave birth to their children in the fire. Gilbert Burnet, as late as 1706, saw victim of the Inquisition executed. The poor wretch was alive in the flames hove an hour; he begged a few more faggots to shorten his anguish, and could tot obtain them; and as he turned himself in speaking his ribs opened.

Llorente, the historian of the Inquisition, who had been its secretary, gives

the following estimate of its victims in Spain, apparently from the time Torquemada:

Burnt at the stake	-				31,912
Burnt in effigy	*			*	17,659
Condemned to sev		punishm	ents		201.450

The number of those condemned to minor punishments might be reckoned the million.

Not only did the Inquisition kill heretics, but it made an index of prohibit books, and hunted down all who read, sold, or possessed them. Thus it strange all literature but orthodox theology. No wonder that Prescott describes it "an institution which has contributed more than any other cause to depress the guld not be lofty character of the ancient Spaniard." And the verdict of the historian ruggle for confirmed by the biologist. This is what Darwin wrote on the same subject in his "Descent of Man." While the Church was encouraging celibacy (h ant feeder points out) on the part of the gentler minds given to culture and meditation, the nth delight Holy Inquisition "selected with extreme care the freest and boldest meni ecupied so order to burn or imprison them. In Spain alone (he adds) some of the best me inger the v -those who doubted and questioned, and without doubting there can be need wretch progress-were eliminated during three centuries at the rate of a thousand God," or

Here, then, we have the innermost secret of the degradation of Spain, and very slight inspection will show how it was accomplished.

Mark the way in which the Inquisition went to work. Notice how admirable its methods were calculated to reduce the nation to one common level of inte lectual mediocrity.

First of all, heretics were run down, captured, and exterminated. Every ma who had a little more mental power and strength of character than his neighbor was murdered, imprisoned for life, or in some way or other rendered what the Church called "innocuous." In other words, he was entirely, or practically eliminated. This process of elimination went on for centuries. It lasted long But it was i enough to destroy all independence and originality; and it explains the pheno menon pointed out by Buckle, that every bit of progress initiated in Spain in the eighteenth century was the work of foreigners.

Secondly, the Inquisition was so far-reaching that not even death could shield a heretic from its vengeance. Any deceased person could be tried for heres his body disinterred and burnt, his property confiscated, and his memory pro nounced infamous.

Thirdly, condemned heretics, whether burnt or not, were always deprived their possessions. The Inquisitors were required by the code to set apart a small portion of the confiscated estates for the education and nurture of children who were minors; but Llorente says that, in the immense number of processes he

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America

Columbus beacon-fires history thro and his mo when he fou to Catholici the time doccasion to consult, he met with no instance of attention to the fate of these etched orphans. Thus the offspring of heretics, as well as the heretics themwes, were as far as possible eliminated. The dice of life were loaded against The Inquisition operated with diabolical cunning through the law of redity. It extirpated Freethought on scientific principles.

eckoned b Fourthly, a shaft was aimed even at the offspring of reconciled heretics; that of those who repented, did penance, and were spared extreme penalties. Their hildren and grandchildren were prohibited from holding any public office, or it strangle actising as notaries, surgeons, and apothecaries. Being the descendants of ribes it is then who had dared to think, they might prove dangerous, and, and depress the sold not be killed or imprisoned, they were systematically handicapped in the

ne subject. Fifthly, the burning of heretics was made a public spectacle, and was a conelibacy (he bant feeder of cruelty and brutality. The people watched these religious murders itation, is such delight. Kings, princes, and nobles occupied windows, meaner people set ment coupled seats in the open air, and the rabble stood around the stake. The e best me linger the victims were burning the better they were pleased. They mocked the can be a soor wretches in their agony, and laughed when they cried "Mercy for the love housand God," or implored a speedier death. This brutalization of the people, this lending of their pleasure with the suffering of others, went on for many generaain, and mons, and largely explains the proverbial savagery of the modern Spaniard in very part of the world.

One should not hate the Spaniards. One should pity them. Their characters el of intellerer made for them in the superstitious, higoted, persecuting, and cruel past. They were the victims of thoroughly-applied Christianity.

IV -THE SPANISH CURSE IN AMERICA.

America was discovered by a Spaniard of Italian extraction. Columbus was really born at Genoa and educated at the university of Pavia. but it was in the service of the King and Queen of Spain that he made that memorable voyage across the Atlantic. The islands known as the West Indies were discovered first, the continent was not touched till some time afterwards. lt was on those islands that the Spaniards established their earliest dominion in the new world, and there that they began their ceaseless policy of oppression and slaughter.

Columbus was a really great man, and his name, as Helps says, is "one of those bacon-fires which carry on from period to period the tidings of the world's great history through successive ages." But he was a superstitious son of the Church, and his motives were mainly religious. He dreamed of finding Paradise, and then he found a new world his chief thought was the conquest of fresh adherents b Catholicism. It is a dark blot on his great memory that he introduced slavery

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in America, and he lived long enough to see that he had brought a curse rate put his over than a blessing. Only five years after he landed in Hispaniola he said: "I swa ude of sint that numbers of men have gone to the Indies who did not deserve water for Robertson God or man." On the other hand, the natives of the Indies were kind as connent with gentle, and easy victims of the wretches who came from Spain. Columbus as essage from once wrecked on the coast of St. Domingo, and the natives gave him the ma There is o generous assistance. His heart was touched by their kindness. "They are true religiously, uncovetous people," he wrote, "so docile in all things that I assure you surch is the highness I believe in all the world there is not a better people, or a better people, or a better people, or country; they love their neighbors as themselves, and they have the sweets ien all the and gentlest way of talking in the world, and always with a smile." Columb time to take built a fort and left a small colony there, but when he returned, after a voyateligion, who to Spain and back, he found that every one of them was dead. They were a sood subquarrelsome and licentious that the natives were obliged to kill them all in meanicularly in self-defence.

But, before we go further, let us see how the Spaniards stood related to Chambo are spare tendom in general and on what ground they rested their rights in the New World. This was the They had, as they conceived, a stronger claim than that of conquest: they acts is likely as they acts on the authority of the Pope, who was God's representative on earth. A bull was not their states by this vicegerent of the Almighty giving Ferdinand and Isabella of Spand d Joshua. and their successors, an absolute dominion over all lands that were or might be used India discovered west of the Azores; all to the east of that point having already been beyong the consigned to the Catholic King of Portugal This Pope who gave away lands be relevanted in our even know to exist was Alexander VI. Robertson calls him "a pont to was an expense of the covery crime." Mosheim, save he was "I destribute of decorate as her has or a life amount for every crime." infamous for every crime." Mosheim says he was "destitute of decency and ther has or a shame." Symonds says that his sensualities were "as unrestrained as Nero's emiscrably, Some of them defy description. "He died," says Ranke, "of the poison he has work in the prepared for another." Designing to take off a rich cardinal, he prepared of full curse the medicated dish for the purpose, but the intended victim gained over the has stened to the cook, and what was intended for the cardinal was given to the Pope. Such was would only the wretch whose signature was regarded as a perfectly valid authority by the aven?" he Spaniards for all their conquests in America.

Mindful of the claims of piety, the Spanish Government was very anxious about the conversion of the Indians. It was this, says Prescott, that gave the expeditions to the New World the air of a crusade:

" No doubt was entertained of the efficacy of conversion, however sudden the ad Paraguay. change might be, or however violent the means. The sword was a good argumet ands, and the when the tongue failed. . . . The Spanish cavalier felt he had a high mission! accomplish as a soldier of the Cross. . . . To him it was a holy war. He was em straight t in arms against the infidel. Not to care for the soul of his benighted enemy was

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urse rathe put his own in jeopardy. The conversion of a single soul might cure a mul-"I swap ade of sins. It was not for morals he was concerned, but for the faith."

water fine Robertson, in the appendix to his History of America, translates a long Spanish kind an ecument which may be taken as a fair specimen of hundreds. It is a pious imbust a ssage from a Spanish priest to an Indian chief, and is in substance as follows: the may have true religion, namely that of the Roman Catholic Church. The head of this ssure you murch is the Pope at Rome, who is God's delegate on earth, having inherited a beta e position from Peter, to whom it was first assigned. This mighty person has a sweete seen all the lands in this part of the world to the King of Spain, and we have Columb mue to take possession of them. If you submit, and accept the Holy Catholic a voyat eligion, which will be explained to you, the King of Spain will regard you as y were a good subjects, and treat you accordingly. But if you do not submit, and ll in menuficularly if you do not embrace the only true religion, we shall fall upon you the the sword. Your wives and children will be massacred, and all the men

to Chris to are spared will be reduced to slavery.

ew World. This was the spirit in which the Spaniards went to work, and their deeds were hey acts iculated to strike horror into the lowest depths of hell. They had the Cross bull we non their standards, and they imitated the example of Bible heroes like Moses of Spair ad Joshua. They slew men, women, and children indiscriminately. They might be asted Indians on gridirons, and trained bloodhounds to tear them in pieces. ady been bey hung the natives up in rows of thirteen, in honor of Jesus Christ and the lands belve apostles, and burnt them alive. In Cuba itself, according to Las Casas, a pontil to was an eye witness, such cruelty was perpetrated that "never any man living ency and her has or shall see the like." In three months he saw six thousand children Nero's emiserably, being plucked away from their fathers and mothers, who were sent n he has work in the mines. Multitudes of the natives committed suicide to escape the epared: ful curse that had fallen upon them. On one occasion an Indian chief was the heat stened to the stake, and a Franciscan friar promised him the joys of heaven if Such we swould only embrace the Christian religion. "Are there any Spaniards in y by the aven?" he asked; and on being told that there were he replied, "Then I will to hell." The West Indies were desolated and depopulated. The million habitants of Hispaniola were reduced in fifteen years to sixty thousand. And was just the same on the mainland. Fifty thousand were slain and half a gave the ilion transported in Nicaragua. Four millions were butchered in Mexico, two llions in Honduras, four millions in Guatemala, and an untold number in Peru denth of Paraguay. In the last century the Spaniards baptized the natives by thourgumen nds, and then made slaves of them. Often, however, they "cut their throats ission as Howitt says] that they might prevent all possibility of a relapse, and send em straight to heaven." emy wa

The story of "the devildoms of Spain," as Tennyson calls them, horrified the

more humane minds of Europe. One remembers the noble protest of the scept. In Dubol Montaigne. All classes in England, as Froude says, were filled with "a genus erhaps h human indignation," and her sailors fought the Spaniards, not only as Catholic but as merciless fiends. Sir Walter Raleigh gave eloquent expression to the fee ings of a host of his countrymen in these words:

" Who will not be persuaded that now at length the great Judge of the wor hath heard the sighs, groans, and lamentations, hath seen the tears and blood so many millions of innocent men, women, and children, afflicted, robbed, viled, branded with hot irons, roasted, dismembered, mangled, stabbed, whippe racked, scalded with hot oil, put to the strapads, ripped alive, beheaded in spor drowned, dashed against the rocks, famished, devoured by mastiffs, burned as by infinite cruelties consumed, and purposeth to scourge and plague that curse nation, and to take the yoke of servitude from that distressed people, as free nature as any Christian?"

Grand old Walter Raleigh! He was one of the greatest Englishmen who exlived: soldier, sailor, statesman, and writer, and splendid at every point. The last expression does him infinite credit, penned as it was when the principle toleration was so little understood. "As free by nature as any Christian What a golden phrase for that age! No wonder he was called an Atheist, no only in private, but in public, when he stood for trial in that infamous court s in motion by the subtle and greedy pedant who sat upon the throne of England It was one of the ironies of history that Raleigh was sacrificed, and his brav heart's blood poured out upon the scaffold, to please that very Spain he ha impeached so magnificently.

THE "MISSING LINK" AT LAST.

BEING AN ACCOUNT OF THE DISCOVERY OF "PITHECANTHROPUS ERECTUS BY DR. EUGENE DUBOIS.

BY W. K. MARISCHAL.

OF all the idle quests that have moved men in the nineteenth century none have aroused the imagination of the public and steeled the enter prise of the daring more than the discovery of the North Pole and the search for that infant of the human race popularly symbolized as the "Missing Link." It is only fit that these two efforts of the century should, in its closing years, be crowned with success. There is ever prospect that such will be the case. Great as has been the progress Arctic explorers towards their goal, they have been beaten in the march by the rapid advance of the more patient and less foolbardy naturalists Dr. Nansen, the Norwegian, the dauntless explorer, must give place to

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course thi wards to between s layer of t On the to tropical re followed 1 discovered f the scent, by Dubois, the Dutchman, the geologist. It has been Dr. Dubois' lot, grhaps his luck, to discover the fossil remains of an animal which he s Catholic and many of the great anatomists of Europe are in doubt whether to call an or ape, so much does it resemble both. No more important find of to the fee ssil remains has ever been made. The discovery comes home with all be greater force because it comes as the startling fulfilment of a of the wor pophecy by that great geologist, Sir Charles Lyell. In truth, Dr. nd blood bubois has presented the world with a portrait of the human race in its robbed, n ery infancy, an infancy of such incredible antiquity that years are as d, whipped seless to represent its age as hair-breadths to measure the length of the arth's circumference. Until now our authentic history of the existence ed in spor fman on the face of this globe dated back only to the days in which the ourned, an leanderthal race of men, with the reindeer and many extinct forms of that curse mimals, now found entombed in the caves of France and Belgium, as free h ollowed the retreating skirts of the Arctic zone, which had so long held forthern Europe ice-bound. The days of the Neanderthal man are but f vesterday compared to the antiquity of the being Dr. Dubcis has

The startling discovery of this man-like animal, which Dr. Dubois has named Pithecanthropus (pithecas, an ape; anthropos, a man), was made theist, in the island of Java, in the month of August, 1891. In the previous rear Dr. Dubois, a young, keen, and highly qualified geologist, speaking with the fluency of his native tongue the languages of the English, the French, the Germans, and Malays, was despatched by the Dutch Indian Government to Java to investigate the fossil remains of many wonderful estinct animals that are found in certain geological formations in that island. But sometimes it is with geologists as with anglers; they fish for a minnow and catch a salmon. Dr. Dubois was searching the Tertiary formations that occur in Java-formations that from an ordinary human point of view are of extreme antiquity, but which, from a geologist's point of view, are but the more recently-formed layers of the earth's crust-and finding numerous fossils of extinct kinds of buffaloes, antelopes, deer, hyenas, pigs, ant-eaters, and crocodiles, when he unearthed, mingled with them, the fossil remains of what has proved to be an ancestor of the human race.

The features of the district in which the find was made are worthy of note. A good map of Java will show a small stream, the Bengawan, rising in the hills near the centre of the island and flowing its short course through flat malarious country, covered with rice-fields, northwards to the Java sea. Where this stream leaves the hills it runs between steep banks, thirty to forty feet in height It was in the bottom layer of those steep banks that Dr. Dubois found the fossil remains. On the top is a foot or two of surface soil, carrying plants common to tropical regions; then follow from twenty to thirty feet of solid sand-rock, followed by a layer two or three feet thick, in which all the fossils were discovered. The fossiliferous layer lies upon a thin bed of Conglomerate

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place to

rock, followed by a layer of slate, the whole resting upon a stratum of marine formation. The upper layers, as we shall see later, are of ries and carry of the river, it will be evident that excavations could be carried on only it sadden the dry season, when the Javanese streams are reduced to mere isolate habitants on his Javanese coolies, picturesque in their short kilt-like sarongs and quaint head attires, to make haste before the rains stopped their opensitions, when there were quarried out from the fossiliferous layer, side is given the evidences of a man-like being which must have co-casted with those side with the bones of extinct animals, a tooth and the roof of a skullayer, and some yards from the site of his former find, unearthed another tooth and a thigh-bone. These four parts certainly belonged to the same habitant tooth and a thigh-bone. These four parts certainly belonged to the same with the surface of an imal. It has been to reconstruct the missing link from, but they are sufficient for the purpose.

How did this old-world being come to find its last resting-place in this for sock form the pages of this album, and the moving waters—rain, river, and title—work them and lay them down page upon page, scaling before the manner in which the earth writes the history of its animals and plants, and those that keep their eyes open may see it in the very ast is the manner in which the earth writes the history of its animals and plants, and those that keep their eyes open may see it in the very ast of the mund, that indicated to me, in its last resting place, the skeletom of some hapless North Briton. Just where it lay, the brown waters at he charac slarply received the river mingled with the tide, and gently deposited tons upon tons of soil torn from the valleys and bills near Inverness, which lay enshrouded in a stratum of the river mingled with the tide, and gently deposited tons upon tons of soil torn from the valleys and bills near Inverness, which lay enshrouded in a stratum of the river mingled wit me might be but a rocky stratum at the foot of some frowning seacliff, and the skeleton I saw buried but a find for a Hugh Miller who livel when we moderns have become the curious animals that belonged to a reached a h remote geological era.

The fate which overtook the sailor by the Moray Firth must have been the hapless lot of the old inhabitant of Java. But Java was not then as series with

his nature,

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to ends. I rough food tratum a tis now. It must have been part of a continent large enough to feed of rive and carry the great river that deposited the layers of sandstone rock, for he bed bey are of fresh-water formation. We can picture this great river rising an only in sudden flood, overflowing its flat banks and sweeping the surprised inabitants along its sides—men, buffaloes, oxen, ant-eaters, hyenas, as urging lephants—pell-mell together into its broiling bed. What was its bed on and, it operated by the sinking of the land, piled over the fossiliferous aver the eight or ten yards' thick layer of sand rock. Then a change a skill fanther kind ensued. The continent became shattered into an architecture of the small Bengawan, wearing in time a deep channel alternative river flowed the small Bengawan, wearing in time a deep channel illiferous brough the rocks laid down by the ancient river. That is probably how another the same that degree of antiquity may be claimed for him.

Now, what sort of beings were those old-world fellows of Tertiary are parts in the same shater of take it as such, they were surprisingly like ourselves, twas a piece of rare good fortune that the thigh-bone was found, for

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they are severy reason to take it as such, they were surprisingly like ourselves, it was a piece of rare good fortune that the thigh-bone was found, for the truth struck of the truth struck of the truth several that it might belong to a London lady. It informs us in ministakable terms that the human body was much then as it is now, the foot was as our feet, legs as our legs, body as our body, and hands and arms approximately like our hands and arms. The roof of the skull als and allow us grounds enough not only to reconstruct with a considerable approach to truth the outline of the head, but to tell much of the character of these antique folk. They were beetle-browed, with starply receding foreheads, with ears placed nearer the crown of the keleton based than nowadays is the case, and, in all probability, with the wide-the start of the search of the modern Australians. They must have been tons of rouded arms of 1,000 cubic centimetres, a brain three-fourths the size of an average European brain, but quite as large as the brains of many search where the size of any anthropoid ape's. But from the skull we can learn much more of the nature of the Tertiary man than that. The complete absence of bony ridges for the attachment of the where that. The complete absence of bony ridges for the attachment of the Sand-liting muscles informs us with certainty that the tusk-like canines or eye-teeth, that give the mouths of gorillas, chimpanzees and orangs such a murderous appearance, had already become small and in perfect such a murderous appearance, had already become small and in perfect series with the other teeth as in us. That means Tertiary man had reached a high point in evolution. It means he had shed the ferocity of his nature, and relied not upon his great canines as means of defence against his enemies, but upon his cunning and power of adapting means to ends. The molar teeth are large, and ground somewhat with the rough food of savages; but except in size they are in nowise peculiar.

Whether they possessed articulate speech we cannot as yet say, but the last has discovery of a lower jaw might set this at rest, for it carries the imprise he quick of certain of the speech-muscles. Of his attainments and degree discovery in the speech set of certain of the speech-muscles. But it is only right to state here that is not apis a Conglomerate formation in North Burmah, of probably the same againgles h as the layers in which Dr. Dubois found these remains, flint chips ut hund probably of human origin, were found, though recently it has been asserted that these chips had come by accident to be mixed in the be

where they were discovered.

There are certain other particulars concerning this old Javan individual which one can assert with some degree of assurance. What was its ser The thigh-bone is not a certain guide to sex, but it can afford strong indications, and in this case it points to an individual of the feminisgender. The knees of women, in the erect posture, meet quite as closely as those of men, but the upper ends of the thigh-bones, owing to the wide female pelvis, are much further apart, so that the thigh-bones of women have a peculiarly oblique direction. The thigh-bone of this individual has that obliquity. Without taking an undue liberty, we may address this ancient individual as Miss Pithecanthropus of the Tertian Again, on the thigh-bone there are some rough outgrowths bone, the result of a disease that still afflicts the human frame. Think of it: through all those long geological periods the human body has

steadily carried its heavy burden of disease! To sum up the net results of Dr. Dubois' great discovery, geologists and anthropologists have been taught that the age of man upon the earth is a period profoundly more vast than they had ever hitherto dared There, towards the end of the Tertiary period, was man much as we know him now, less of brain and intelligence, to be sure, but in body exactly like us moderns. It has taught us, too, that the evolution of man is a process ever so much slower than it was thought to be. It used to be pointed out by those antagonistic to the Darwinian theory that the Egyptian of the Pharaohs was just as highly developed a man as the modern European. But here is an individual to whom, in point of antiquity, the Egyptian of the Pharoahs is but as the child of yesteryear, and yet he has changed in a minor degree only. It has also taught us that the perfections of man did not appear in his body at a single blush like the electric lamps of a theatre, but rather like the stars at evening, one by one, the greater first and the smaller afterwards. By the end of the Tertiary era, probably long before the end, the body of man was as perfectly formed as now, but his brain was not the capable instrument it has since become. Long after the body was mature the head kept on expanding. Dubois' discovery brings scientists to propound questions which every boy in the gutter thinks he can answer. What is a man? What is a "missing link?" It is clear that Dr. Dubois and many great scientists, by the name they have bestowed, place Pithecanthropus outside the pale of humanity. But is not a man an animal

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Idolatry," a * Condense lajor-Genera y, but the last has his hands set free from the purposes of locomotion to become he imprime he quick and cunning servants of his mind? In this sense Pithecandegree of propus is a man. Still it is also a missing link, for its form is distinctly ore apish than ours. To trace man down to that point where he ingles his stock with other forms of life, there must be not one link, of hundreds of them, and Pithecanthropus is one of these missing links.

BUDDHISM AND CHRISTIANITY.

BY MAJOR-GEN. J. G. R. FORLONG, F.R.S E, F.R.A.S., ETC.*

ксн was the faith which spread through Northern India, Baktria, and Kaspiana nder Kasyapa of say 900-1020 B.C., and his predecessors, and which was connued and extended by Maha-Vira and Gotama Buddha in the 5th and 6th cenmes B.C., and by their successors in India down to our middle ages. Hwen sing, of our seventh century, found the faith flourishing throughout Baktria nd Oxiana. The Chinese pilgrim expatiates with delight upon the many grand uddhist structures and establishments of Balk, especially "stukas built," he ns, "long ago in the days of Kasyapa Bodha." The very city, he adds, is still called Rajagriha, because of the many sacred traces therein" of the Faith.

in Nemi (the 22nd Bodha) we see more than the dawn of history; and in arsva (the 23rd) we have "an admittedly historical personage, who lived 250 e, but in ears before Maha-Vira, or about 950 BC His followers are noticed in the days (Maha-Vira, a century before whose coming the faith had waned and was in chaotic state. Parsva's two leading disciples, Kesi and Gautama, had labored and at Sravasti, about 900 B.C., to establish the churches and retain the troubleme philosophical and sceptical members; but ritualistic divisions arose as to e use and disuse of clothes (which the first great Jina Bodhist Rishabla foreore), the nature of vows, and the vital question of all religions to the present our, whether we have souls, and, if so, apart from matter or our bodies? This d to four great schools, each heretical to the other:

- 1. The Kriya vadins, who maintained that there is a soul, or Atman, apart om boby.
- 2. The A-kriya-vadins, who denied this.

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- 3. Vainayikas, who claimed salvation by Bhakti, i.e., Faith, or "Religion," or Idolatry," according to some.
- *Condensed from "Short Studies in the Science of Comparative Religions." By lajor-General Forlong. London: Quaritch.

4. Agnana-vadins, or Agnostics, who gave no opinion on those or simil matters, claiming insufficiency of knowledge, and therefore an inability to asset When pressed, they said it was enough if we concerned ourselves about matter of which we have experience, and which are necessary for the regulation of or conduct; and so said Gotama Sakya-Muni some four-and a-half centuries late.

About 600 B.C. Maha-Vira and his friend and disciple, Gosala, tried to retablish and organize the faith; but many matters could not be settled, and to friends themselves separated on that ever-burning question among ecclesiastic rituals and vestments, which Mira-Vira decided by casting from him all garment and joining the Digambaras, or, as then called, Akelaka, or "Naked Sect," is which he distinguished himself by many rigid and marvellous austerities.

The great tenderness of Jainism for all that has life has been the undoing the faith. It could not advance, for none would fight for it. For some 5,000 years it has strictly upheld the Tolstoi idea of Christ's texts, "Resist not evil, "Turn thy cheek to the smiter," etc. Thus, when Jaines had built a beautiful temple at Avanti, or Uj-jain, and assembled in thousands to consecrate it to the saint Parsva, a Brahman Saiva pushed his way through the worshippers, hold placed a Lingam in the centre of the holy place, and proclaimed it "the shink of Mahadeva, the overthrower of Jainas," and the meek crowds quietly dispersed (See Malcolm's "Central India," ii. 160).

From the Kankali Tila, or Mound of Mathura we have, say Gen. Cunning ham ("Arch. Rep." 71-2, p. 46) and Mr. Thomas ("Asoka," 80), most complete and satisfactory testimony that the Jaina religion was, long before our era, in as rid and flourishing a condition as that of Buddha. The number and size of is statues and the beauty of its sculptures can scarcely be surpassed in the East.

In the Kankali sculptures are stupas showing that Jainas knew and favore this form of religious structure. Its lingaish form proclaims the old Sisna-devaisa which Rishis of the Rig Veda condemned, as did Hebrew Nabim, though thes built a model type of Chaitya and Stupa in their revered "Temple of Absolom' significantly called a "Hand" and a Yod. Brahmans had adopted Chaityas and Yupas in the time of the Aryan edition of the Mahabharata—say 400 B.C., for we read in i. 109, 13, that a country became "lovely with hundreds of chaitya and sacrificial posts"—evidently the fine pillars we still see around Buddhis stupas and temples. Originally, then, on these posts were tied or crucified the victims offered to Siva or the Sisna-deva; and to crucify on a pillar, or lingain was to honor the Creator through his symbol.

From the "A'ini-Akbari" of Abul Fazl (Akbar's historian), it is clear that Asoka supported Jainism in Kashmir when Viceroy of Ujain, about 200 B.C., a had his father Bindusara, and grandfather Chandragupta, throughout the Magadh Empire. Buddhism, apparently, for about a century after Gotama's death, as thought, by all who did not trouble themselves about details, to be a mere form

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Jainism; and Brahmanism was but an improved phase of the universal nature Hermaik worship which grew out of the Saivism or Sisna-devaism, condemned the Rig-Veda. All were the recognized faiths of the wide Magadha Empire, hich under Asoka extended from Gandhara to Napal or Ahom or Asam, down rough the Andhra States to those of Pandyas in Central Dravidia or Dramilia. mong and beyond these millions, Asoka labored assiduously to propagate his ald and kindly Jainism, especially concerning the sacredness of all life, as well peace, charity and universal brotherhood. He adopted the highest moral andpoint, urging men to have "Festivals of Duty," rather than of superstition, tes and idle festivities; and personally he set the highest example in the permance of his own duties. He established hospitals or dispensaries along the whways, which he shaded with trees for the comfort of travellers, the poor and iffering, giving them free housing, medicines, and attendance. He planted oves, dug wells, and inscribed good advice and educative thoughts, on religious s well as on philosophical matters, on rocks and lats and along the main roads, any of which still stand, relics of the first attempt at public education.

Asoka cared little what men called him. "Works and conduct, not creeds," as his motto, so we cannot tell when he became a Buddhist. In all his rock scriptions he designates himself by the favorite Jaina title, "Deva-nam-piya," he Beloved of God, which no true follower of Gotama, who spoke not of spirits, wild have done; but in his 27th regnal year (247 B.C.) he engraved upon the habra Lat, which stood near Bairath, that "Buddhism is henceforth to be condered the religion of this Empire," and he then calls himself "Raja Piya-dassi," to Kindly or Humane One.

Asoka's later Lat inscriptions are on the same lines as his early rock ones. hus he engraved on the Delhi pillar: "In religion and duty (Dhamma) lie the hief excellence.... Religion consists of good works and avoidance of evil; in ercy, purity, and chastity: these are to me the anointment of consecration." This, then, was the theory and practice of the great Jaino-Buddhist religion, thich flourished in India many centuries before and after the teaching of Gotama ikya-Muni, but we cannot yet locate its exact birth or cradle-land. It was cer-

ainly long prior ro Parsva or Maha-Vira, and the days of kingdoms like those

Kosala and Oudh, and of Maghs or Malas of the Middle Ganges valley, or Madras and Takshas of the Upper Puniab.

(To be continued.)

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PROTESTANT FANATICISM.

BY CHARLES WATTS.

The recent riots in Belfast, and the debate in the House of Commons last month upon the Benefices Bill, afforded new evidences of the fanatical spirit which dominates the minds of many Protestants. We must say, in reference to the Belfast riots, that we fail to see any utility in the processions of Roman Catholics or Orangemen that are held periodically in Ireland. They are simply displays of party feeling—and the most institution bitter participes of all are religious consequences. in Ireland. They are simply displays of party feeling—and the most bitter partisans of all are religious ones—which are calculated to provoke hostility between citizens. They are regarded as an open defiance to the opposite party, and naturally lead to conflicts. In England, fortunately, such religious demonstrations have been generally abandoned, with a distinctly beneficial result; and it is quite time that such a course was adopted in Ireland, where priestcraft, Protestant and Catholic alike, out balances reason. All classes of the community have the right to meet in public to advocate their views, but they have no right to make such occasions opportunities for violent exhibitions of religious hatred. The world is no longer to be ruled by fanatical processions, but rather by further personal thought and enlightened statesmanship.

personal thought and enlightened statesmanship.

The cause of the recent outbreak of Protestant fanaticism in Belfas appears to be this. The Irish Nationalists were celebrating the battled Antrim, which took place during the insurrection of 1798, the object of which was to destroy the supremacy of the English Government in Irish land and to secure the independence of the Irish people. The rebellion, however, was not successful. Still, the Nationalists are proud to celebrate the event as one of the many brave efforts the Irish have made to obtain their national freedom. When doing so on the 6th of June, in "an orderly and peaceful way," as we are told, the "pious" Orangement made a brutal attack upon them, injuring hundreds of their "Christian brethren." It may be well for the editor of the Rock to study the details of this Protestant outrage in Belfast, before hurling any more of his fierce tirades against Roman Catholics. These fanatical Protestants might profitably study these words from the New Testament: "The lissim instinging the profitably study these words from the New Testament: "The lissim instinging the profitably study these words from the New Testament: "The lissim instinging the potential part of the Rock to study the details of this Protestant outrage in Belfast, before hurling any more of his fierce tirades against Roman Catholics. These fanatical Protestants was assured the more upon the profit of the Rock to study the details of this Protestant outrage in Belfast, before hurling any more of his fierce tirades against Roman Catholics. These fanatical Protestants was assured the more upon the profit of the Rock to study the details of this Protestant outrage in Belfast, before hurling any more of his fierce tirades against Roman Catholics. These fanatical Protestants was assured the profit of the Rock to study the details of the Rock

see clearly to pull out the mote that is in thy brother's eye." Granted, that the Church of Rome is bigoted and intolerant, and that its hands our liberties would not be safe. We in no way deny this. The evil in its hands our liberties would not be safe. We in no way deny this On the contrary, having regard for historical accuracy, we are compelled to admit that the Roman Catholic Church has been the foe of freedom wherever its hydra head has been raised. It has trampled under for the liberties of peoples, and with the iron heel of its despotic power is the liberties of peoples, and with the iron heel of its despotic power is throw the sidely spreadown to be a superior of the liberties of peoples, and with the iron heel of its despotic power is throw the sidely spreadown.

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has held undisputed sway. It has strangled thought, persecuted wience, fettered literature, obstructed progress, and blasted all that is offy in man. All this, unfortunately, we are bound to concede. Are he Orangemen any better in this respect? It may be that they learned heir intolerance from the Catholics; but, wherever they got it, it most ertainly is there; and a more narrow-minded and intolerant set of Commons thatics does not exist than these same Orangemen. Their intelligence Commons fanatics does not exist than these same Orangemen. Their intelligence he fanatic fanatic fanatics does not exist than these same Orangemen. Their intelligence is very seldom of an exalted character, and their zeal is as rabid as the proselytizing craze of a Jesuit priest. We would almost as soon trust interest of the provide and their zeal is as rabid as the proselytizing craze of a Jesuit priest. We would almost as soon trust interest of the Pope himself as to a party of Orangemen. The Romanist fights for his Church, which is a great and very ancient institution; the Orangeman fights for a shadow which he calls Protestants, but which has neither form nor consistency. He swaggers about private judgment, but he dare not follow it. He says he is an advocate of liberty, but it is only liberty to agree with him. His creed is a mere private judgment, but he dare not follow it. He says he is an advocate of liberty, but it is only liberty to agree with him. His creed is a mere private judgment, but he does not believe in Rome; but what he does believe in listing the provided by the seven sages of Greece to find out.

In spite, however, of this extreme fanaticism of Protestants, of which at a very dangerous position," and that, to use the words of the Bishop is reported by the Rock as saying:

reported by the Rock as saying:

"The increasing evils within the church ought to be regarded with battled to the regarded with respect to the set things was endless. It was doing harm in connection with the Nonconformists. There were many of them whom it was desired to bring back into the Church of England, and reunion had been spoken of again and again. But the more they heard of what was going to make the church of England, the less likelihood there appeared to be of any reunion between themselves and the Protestant Nonconformists. Churchmen all over the land were angry. Some wished to leave the Church of England altogether. In many places they went to no church places, he believed, ladies went, but men would not go on any account." This is the usual result in any association that is controlled by fanalithm althous women and emotional men than upon the masculine intelli-

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The evils to which the Bishop of Liverpool referred were those mentioned by Sir William Harcourt in the House of Commons during the behate on the 16th of June upon the Benefices Bill, when he said:

"There is at present in the Church of England a conspiracy to overthrow the principles of the English Reformation. That conspiracy is videly spread and deeply rooted. That it exists you have only to read

the statements which were made in Convocation the other day to be the statements which were made in Convocation that he was assured. I think one of the Bishops used the expression that he was asstria, 'aware that there were secret societies in the Church of England for the Lilienfelt purpose of overthrowing the Protestant principles of the English Reformablect.

The leader of the Opposition then made a bold attack upon what he has been termed the "perjury" that is being committed by the clergy, pointing congress out that these are the men who are seeking to have control of the education of the rising generation. We perfectly agree with Sir William Profess that, "If these men conscientiously do not hold the opinions of the exceeding Church of England, let them leave it. But to remain in secret temonstr societies, of which I have heard a good deal, and which I believe to be rections well founded, and to which Bishops have borne testimony, and in the further rename of the Church of England to have the control of the education of will have children in the parishes of England, is a thing which, in my opinion, great pec Parliament ought not to tolerate." Oh, what receptacles theological in stitutions are for falsehood, fraud, and systematized hypocrisy!

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It may be thought by some that we are using strong terms against the nour the Protestant Church; but it should be remembered that the theology Lilienfeld which it teaches constitutes a State-supported religion; that it has the effect are authority and protection of the Government of the country; that its churches and cathedrals, its pompous bishops and archbishops, are to a gedient, large extent maintained at the public expense; and that this very Church has been a foe to mental freedom and national progress. When sterling for we recollect these facts, it is necessary to write plainly in condemnation were paid of a system based upon absurdity and intellectual fraud.

A NEW DISCOVERY-ARTIFICIAL ALBUMEN.

It has just been announced that Dr. Lilienfeld, of Vienna, has discovered a method of producing artificial albumen. There are two recognized varieties of albumen—egg-albumen and serum-albumen. Albumen is the most vital constituent in the human body. Albumen-serum is the most important constituent of human blood. If artificial albumen can be produced it means that the ravages of illness can be repaired or the strength of the weak increased by subcutaneous injections.

Dr. Lilienfeld's discovery has been mentioned for some time past, and has been the subject of much humor, many jokes about it having appeared in the newspapers, but the New Ynrk Journal's correspondent at Vienna has interviewed the greatest authorities in chemistry in

at he was dustria, Professors Ludwig and Mauthner, of Vienna University, on nd for the dilienfeld's invention. Both professors spoke very seriously on the sh Refor. subject.

Dr. Ludwig said: "There is no doubt that an important invention

what he pointing the edge of t lays so great a part in its chemistry, is yet entirely unknown. As for

lays so great a part in its chemistry, is yet entirely unknown. As for the nourishing effect of artificial albumen, that is yet to be proved. Lilienfeld, himself, mentioned in his lecture that experiments to that that the effect are only now being made."

As regards the cost of production Dr. Mauthner remarked: "One inare to a gredient, phenol, is very cheap; the second, glycocol, though also derived from a waste product, ammonia, is yet expensive. It costs twelve pounds the sering for one kilogram. But this he does not mind, as similar prices and many mnation were paid in the beginning for aniline, phenol, alizarine, and many ther products later on cheapened to a minimum by the chemist's art and wholesale production. Now thousands of tons of those products are made."

The serum treatment of disease has been exploited by Koch and others. The serum he has used has been the serum of animals. Albumen-serum sthe most important constituent of human blood. The invention of stificial albumen, therefore, is thought to mean practically the discovery of artificial albumen-serum, with all that this implies. Chemically consilered, Lilienfeld has performed a marvellous feat. Albumen makes me of the group in which fibrin and casein are classed. The three are ometimes called histogenetic bodies, because they are essential to the building up of the animal organization. The chemical constitution of all of them is exceedingly complex, but the most intricate of the lot is albumen. It is known that it contains carbon, hydrogen, nitrogen and mygen, with a small amount of sulphur, but the way in which these things were combined was hitherto unknown.

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EUSEBIUS AND HIS "HISTORY."

BY S. W. GREEN, BROOKLYN.

We have all been brought up to accept a certain scheme of early church history. This scheme comes over to us from the Roman Catholic Church, but is generally believed by Protestants also. The great fountain-head of our so-called information here—the bed-rock of the scheme—is the Ecclesiastical History ascribed to Eusebius Pamphilius, and purporting to cover the first 324 years of this era.

Eusebius is reputed to have lived approximately 260-339, to have been Bisho of Cæsarea, and to have enjoyed exceptional opportunities of learning what hat taken place in Christian circles up to his own time. What "sources" of his fact does he himself disclose, and by what outside testimony is he supported? In his first chapter (Bohn's translation) he tells his readers:

"I shall go back to the very origin and the earliest introduction of the disper sation of our Lord and Savior, the Christ of God. But here, acknowledging that it is beyond my power to present the work perfect and unexceptionable, I free confess it will crave indulgence, especially since, as the first of those that have entered upon the subject, we are attempting a kind of trackless and unbea Looking up with prayer to God as our guide, we trust, indeed, that we shall have the power of Christ as our aid, though we are totally unable to find even the bare vestiges of those who may have travelled the way before us; unless perhaps, what is only presented in the slight intimations which some in differen ways have transmitted to us in certain partial narratives of the times in which they lived, who, raising their voices before us, llke torches at a distance, and a looking down from some commanding height, call out and exhort us where should walk and whither direct our course with certainty and safety. ever, therefore, we deem likely to be advantageous to the proposed subject shall endeavor to reduce to a compact body by historical narration. purpose, we have collected the materials that have been scattered by our prede cessors, and culled, as from some intellectual meadows, the appropriate extrad from ancient authors. In the execution of this work we shall be happy to reso from oblivion the successions, if not of all, at least of the most noted apostless our Lord, in those churches which even at this day are accounted the most em nent; a labor which has appeared to me necessary in the highest degree, as have not yet been able to find that any of the ecclesiastical writers have directed their efforts to present anything complete in this department of writing."

That is, boiled down, Eusebius does not even claim to have sources, but proceeds to construct his history from materials taken from where the celebrated German got his camel—out of his inner consciousness. His way of putting it

only slight he power every shad Ne: "Th h his dog ealed to v evidence gma to ap rist of Go ginning to ing of myt and magn his words be advanta mpact hod Thus, unfe e as they ha mass of leg during ma eking for th usebius we

overnment th that und othing of th ome), and e nd female co nd generally ating here as ans were cu "It is not, search of a at led the R or the religio neasures which the new m Suppose we ory" as only mpact body sed subject, the power of reation, with inly slightly different: "Looking up with prayer to God as our guide," and he power of Christ as our aid." These sources were then as now wide open every shade of opinion and every grade of conduct. As has been said of the ble: "This is the book where each his dogma seeks; this is the book where the his dogma finds." "Prayer to God" and "the power of Christ" have been gealed to on every side of every question. Starting out thus untrammelled by revidence or lack of evidence, with the world open before him, and a certain can to approve and exact—"the dispensation of our Lord and Savior the rist of God,"—as "a strong bird on pinions free," his "history" opens. From ginning to end he seems to have held constantly in view the concoction of a mg of myths which should bolster up the dogma his history is intended to set and magnify. How could this object be more plainly and baldly stated than his words which I have just quoted? "Whatever, therefore, we deem likely he advantageous to the proposed subject we shall endeavor to reduce to a mach the proposed subject we shall endeavor to reduce to a mach the proposed subject we shall endeavor to reduce to a mach the proposed subject we shall endeavor to reduce to a mach the proposed subject we shall endeavor to reduce to a mach the proposed subject we shall endeavor to reduce to a mach the proposed subject we shall endeavor to reduce to a mach the proposed subject we shall endeavor to reduce to a mach the proposed subject we shall endeavor to reduce to a mach the proposed subject we shall endeavor to reduce to a mach the proposed subject we shall endeavor to reduce to a mach the proposed subject we shall endeavor to reduce to a mach the proposed subject we shall endeavor to reduce to a mach the proposed subject we shall endeavor to reduce to a mach the proposed subject we shall endeavor to reduce to a mach the proposed subject we shall endeavor to reduce to a mach the proposed subject we shall endeavor to reduce to a mach the proposed subject we shall endeavor to reduce to a

Thus, unfettered by any necessity for testimony, any reverence for the facts of tas they had actually occurred, Eusebius dashes into his subject, and unfolds mass of legends which, while they have been swallowed as verities by the faith-lduring many centuries, have been stumbling-blocks in the path of every writer exing for the sequences that actually took place and make up real history. In sebius we come upon the seed of the wide-spread notion that the old Roman overnment persecuted Christians. He narrates ten persecutions, beginning the that under Nero, in which Peter and Paul suffered martyrdom (he knows thing of throwing Christians to the wild beasts, or, indeed, of the great fire at ame), and ending with the tenth under Diocletian in A.D. 302. Martyrs male demale come upon the screen in crowds, whose names, with their fortitude and generally admirable behavior, stud the pages of early Church history. Alterning here and there with these persecutions are periods during which the Chrisms were cuddled. Lecky says:

"It is not, in fact, surprising that many writers should have followed Gibbon, search of a satisfactory explanation, into an elaborate analysis of the causes at led the Roman State, which elsewhere exercised so contemptuous a tolerance of the religion of the peoples whom it ruled, to have undertaken the rigorous leasures which it from time to time endeavored to enforce against the adherents of the new movement."

Suppose we take Eusebius Pamphilius at his own word, and regard his "hisny" as only what he claims it to be—"a historical narration" reduced to "a
mpact body" of whatever he deemed "likely to be advantageous to the proused subject," and resting only on what he put forward as, "prayer to God" and
the power of Christ." That is, the whole scheme is a myth, a fabrication, a
mation, with no evidence, no testimony behind it—a sheer romance pure and

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but prolebrated utting it simple. It is incredible that what he records could have taken place and habeen neglected by all except ecclesiastical writers. If Tacitus xv. 44, is not bald forgery, why is such a chapter in the old Romans Annals left solitar Tacitus no more wrote it than Suetonius wrote the single sentence in which is made to allude to Christians; no more than Pliny wrote the celebrated let to Trajan near the end of the first century, asking for instructions how to be with Christians.

Eusebius is only one of a large number of conscienceless fabricators who falsehoods have dominated the Christian world for many centuries. It is to lift this funeral pall from the memory of the old Roman Government, who never persecuted a Christian under Nero, Vespasian, Titus, Marcus Aurelius, any other Emperor. Constantine's conversion is as unreal as the labarum he in the sky, and Julian did not apostasize from the Christianity he never heard at challenge any reader to point to any sources other than monkish creations is what passes for Church history for the first thousand years of our era.

A PROPHECY.

BY CHARLES C. CATTELL.

ONLY Freethinkers approaching fifty will remember much of William Maccal I met hlm and heard him lecture only once—about 1853, the subject bein Hannibal. At the conclusion of his lecture he related the fact that this brillian soldier, when surrounded by his enemies, fell upon his own sword, depriving them of the opportunity of slaying him alive. "Some say he was not justified but I think he was," were the concluding words, at which half the audient hissed and many cheered, during which Maccall walked quickly off the platform without heeding the expression of feeling he had created.

On another occasion in London the late Harriet Law told me that after man speakers had completely riddled his arguments he simply rose and remarked that "he did not see that they had altered it."

At the time I refer to he was busily engaged with the biographies of distinguished men of other nations. In the year 1873 they were published in two large volumes. From the one on Joseph de Maistre, written in 1850, I extract a few sentences by Maccall which I think worth recalling. After dealing with Popery and Protestantism as in harmony with old Roman life and old Hellent life, as theological systems, he predicts that the nations professing both will survive them both, but "the next and most potent unfolding of civilization will be marked by a prodigious decline of peculiarly Christian influences; a decline, however, only to be lamented by those who believe Christianity to be the example.

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ssion of God's will, and the competent solution of every difficulty in creation, an authoritative religion, Christianity has done its work, though priests may minue for a century or two yet to give it a semblance of authority. Men will long discover that they do not owe to the Christian faith such immense sents as they imagine, and that much whose name they have hallowed as angelical is nothing but a perennial revealing of Roman force and Greek auty

There will be injustice, cruelty, exaggeration in this, as in all reactions; if it is only through reactions that man can reach that radiant and joyous abolicism, that identification of the divine and the natural, which is to be his all inheritance on earth. Men in a few generations will just as much overrate that they have derived from Greece and Rome, as for many ages they have been the habit of overrating what they have derived from Christianity. But this mor will be more harmless than the other, as there will be no dominant and asping class like the priesthood interested in its dissemination. Of one thing eare persuaded, that not till Greece and Rome again enter, not as scholastic miniscences, but as broad human facts, into the heart of the world, will a certain heroism of human virtue and a certain spontaneousness of human genius ain be possible."

It appears probable that in Protestant countries this transformation will come uliest as, like Greece, they attempt to join public opinion with the love of bety, which is the surest guarantee that liberty will prevail. "More than half be patriotism of every modern nation is a Greek tradition." says Maccall, and, o doubt, we owe much of our intellectual progress and freethought to the same wire. Greece studied nature and created philosophy. They originated socism on an ethical basis—unsurpassed by any modern system of philosophy. and not only so, but long before Romanism and Protestantism existed, and where that Christianity on which both claim to be founded.

It is quite time we abandoned all these Christian systems, and returned to the pint of inquiry and boldness of research which characterized the fertile mind thich taught mankind to study nature, and developed science, art and philosophy, so long obscured by Romish superstition and Protestant prejudice. The Greeks lived in the presence of the same eternal peoblems which only to-day are beginning to stir the multitude seeking what solution ancient and modern philosophy can afford. The two instruments of modern investigation—method and malysis—we obtained from Greece—the birthplace of physical, metaphysical, and moral philosophy. Reason instead of faith is becoming the guide of moderns, as it once was of the ancients, whose memory deserves reviving in our day.

THE DAY IS LONG.

BY WALT, A. RATCLIFFE,

The day is long.

Its burdened hours in fetters creep
Adown to that unmeasured deep
Men name the Past:
No cloud o'ercast

Outspreads a friendly wing to ward
The sun's free fervent glow outpour'd,
From beaded brows and bent,
So we are well-nigh spent
When sunset comes.

When sunset comes,
Aud slow the bandit shadows creep
From gloomy glen, from steep to steep;
And with the Night
Push back the light
Behind the hill-land's topmost trees,
How sweet the soft, sad twilight breeze,
And ev'ry sound of mead and brake,
Half inarticulate, like songs
That reach us when we're half awake.

The day is long,
The way is rough, its shelter spare;
Like vagrants bound we know not where,
We wander on
Till, noontide gone,
We view the zig-zag path we've trod—
Mistakes for guide-posts, rod on rod,
With heaving, aching breast
We sigh, "We'll rest, we'll rest
When sunset comes."

When sunset comes,
And pulseless darkness covers all,
No wand'ring sea-birds landward call
From waves that make no moan;
When Earth reclaims her own,
Then bear me, grudging not the while,
And lay me down, her weary one,
Where purpling sunset's parting smile
Last lingers where the day is done.

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THE STORY OF THE GREAT INDIAN MUTINY.

XIV.

NEILL's first act was to recover possession of the bridge of boats, which was occupied by the mutineers. The very next day (June 12th) this was accompished. Then, by a system of well-timed assaults, accompanied by not a few hangings, he so completely overawed the mutineers and those who sympathized with them, that the mention of his name created a panic. (To cite a parallel case: Nelson's name was a terror to the French. Fifteen years ago I often heard in Parisian cafés confirmation of this fact. A player badly beaten at checkers, dominoes, or cards would be told by his exultant conqueror: "Ah! voila un Trafalgar!")

Draw a line from Agra to Allahabad and another from Calpee to Lucknow, and not far from the point of intersection is Cawnpore. Its central situation made it an inportant point. And here again the folly of the Government manifested itself. Sixty artillerymen, with nine guns, were the only British troops in the place. And yet in Cawnpore there were many European ladies, their children, and many merchants. The native force consisted of the 1st, 53rd, and 56th B.N.I., and a cavalry regiment. Sir Hugh Wheeler, a worn-out veteran who had served half-a-century before under Lord Lake, commanded. General Wheeler did not trust the Sepoys; but what could he do? Sixty Europeans, however valiant, could not disarm 3,000 Sepoys. All he could do was to provide a place of retreat, where the Europeans could find refuge in the day of peril. Mrs. Fraser, whose husband had been murdered in Delhi on May 11, entered Cawnpore a week or so later. A faithful native saw her safely through the 266 miles' journey. This lady proved a true ministering angel in the days of distress that came upon the unfortunate city.

Frequent fires were the premonitory signs of the times. Sir Hugh ordered "an old hospital and two brick buildings, one thatched and the other with a stone roof," to be intrenched. Here the guns were placed, and plenty of ammunition, but the store of provisions was scanty. And in this poor stronghold, so slender that to it the sneer of Tobiah the Ammonite could well be applied, the women and children took up their abode.

Who was Seereek Dhoondoo Punt? No one answers; yet forty years ago his infamous notoriety was great. In 1857, all over the civilized world, men executed the name of Nana Sahib. Nana was the son of a Bombay Brahmin; he was the adopted heir of the last of the Peishwas—Bajee Rao. Bajee plotted against the British Government; he was dethroned, but was allowed a pension.

It was said Nana forged a will; and, after the death of the Peishwa, inherited his vast fortune. The pension, however, was discontinued. Revenge rankled in the heart of the Nana; but, like the Ranee of Jhansi, he concealed his ranco and bided his time The Nana, in luxurious idleness and sensuality, lived in the fort of Bithoor, hard by Cawnpore. The walls of his rooms were frescoed in a style that disregarded expense and decency. The writer was once invited to witness the ceremonies attending the marriage of a rajah's son to the daughter of another potentate. In a large hall, where the boy bridegroom received in state his visitors, the walls were decorated with life-size frescoes of nude boys and girls, men and women, in every conceivable and (to all except Indian artists) every inconceivable posture. The rajah's major domo informed the writer that the walls had been expressly decorated with these frescoes to provide objectlessons for the youthful betrothed! Rooms so adorned suited the tastes of the Nana. Whether Nana Sahib foresaw the mutiny, or had simply private designs of his own, it is impossible to say; but one fact was apparent—he cultivated the friendship of British officers. Never would he visit them, but they were always made welcome at Bithoor and treated sumptuously. For an agent or steward he had an adventurer, Azimoolah, who, from being a waiter and passing through many vicissitudes, eventually became the Nana's right-hand man. Azimoolah was sent to London to intercede with the H. E. I. C. directors on behalf of the Nana, and to induce them to continue to him the late Peishwa's pension. Azimoolah failed in this; but he had a good time in London, where the female fools of fashion lionized the ex-waiter. He was the instigator of the Cawnpore

After May 20th the roads to Delhi and Agra were in the possession of the mutineers; and after that date the Cawnpore Sepoys began to show signs of insubordination. Meetings were held nightly; and Sir Hugh, alarmed, applied to the Nana for a force to guard the treasure-chest. The lambs asked wolves to watch over them. The Nana sent a body of troops into Cawnpore. Sir Hugh wished to move the treasure-chest into the improvised fort; the Sepoys prevented this. On May 21st all the Europeans except the magistrate, Sir George Parker, took refuge in the fort. The move was so hastily made that no special accommodation was yet ready for the women and children, who were obliged to rough it that night. But worse times were in store for them. An officer, writing to friends, after describing the situation, the miserable plight they were in that night, and hinting at the rumors afloat, adds, "I still put all trust in the Sepoys." This extraordinary infatuation had possessed the minds of nearly all the officers in native regiments.

On May 22nd Captain Moore, in command of a company of the 32nd Foot, arrived. Sir Henry Lawrence had sent these men (whom he could ill spare) from Lucknow. A week later more reinforcements arrived: 160 men contributed by

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the 48th Foot and the Madras Fusiliers. News, too, came that other troops were on their march to Cawnpore, and Sir Hugh thought he could send back the Lucknow men to Sir Henry Lawrence. But other news came; the Sepoys at Benares and Allahabad had mutinied. Sir Hugh kept the Lucknow men; and now there were in the little fort 450 Europeans (civilians included) and nine Had it not been for the women and children these 450 men could have forced their way to Lucknow; but what British force would abandon women and children and leave them at the mercy of the fiends around Cawnpore? June 6th the anticipated outbreak began; towards evening the men of the 2nd B. N. Cavalry set fire to the riding-master's bungalow, seized the treasure-chest and holted. An aged subadhar-major made a fight for the colors and chest; he was easily beaten down. The faithful native was found next morning in a pool of his own blood, but still breathing. He was taken into the little fort and kindly Some days later he was killed by a shell. The 56th joined the mutineers on June 7th; the 1st B.N.I. went off on the night of the 6th in the wake of the cavalry regiment. The 53rd B.N.I., who had shown no signs of mutiny, by some stupendous blunder were fired into while they were cooking their breakfast! Sir Hugh ordered the guns to fire upon them without any provocation. An hour before, the native officers had been called out, and with about 150 men they were marched off to the hospital as a guard. One detachment of this ill-used regiment defended the treasury against great odds for more than four hours. The rattle of their musketry was heard at the fort, but Sir Hugh refused to succor them. As for the 150 men who guarded the hospital, when that building was burnt down by the rebels, they were denied admission to the fort on account of the scarcity of food. To each was given a little money, and they were told to shift for themselves. Alas for the faithfulness of the 53rd!

The Cawnpore mutineers were preparing to march at once to Delhi. Rightly enough, they surmised that that city would be the scene of the crowning struggle between the Sepoy army and the Europeans. Everything was packed and the march begun, but Nana Sahib stepped upon the scene. Not easily did the Sepoys forego their intention. The Nana's bribes, however, were too tempting, and the mutineers retraced their steps. To be in touch with the two great elements of his army, the Nana floated a Moslem as well as a Hindoo flag; to further gratify the soldiers, he allowed them to loot all the houses, whether they belonged to natives or to Europeans; and lastly, throwing off the mask, he intimated to Sir Hugh by letter that he intended to attack the fort. This menace was carried out the next day, June 8th.

And now there were two aspirants for rajahship—the King of Delhi and Nana Sahib. Later, a third joined them, and he wished to become King of Oude. For three weeks did the Cawnpore garrison maintain the fierce fight against a multitude of savage foes. Bravely they fought and well; but who can depict

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in living colors the agony of the ordeal these men, these women, and these children underwent? They endured hunger and thirst; they suffered from the heat of the broiling sun, the thermometer oft rising to the neighborhood of 140 degrees. Day and night the cannon and the musketry of the Sepoy thundered and roared; while within the intrenchment it was one incessant hail of lead and iron. And what was this fort so bravely defended? A square enclosure, each side being 250 yards in length. Around this had been dug a trench; and the earth thus dug out formed an outside wall five feet in height. Every here and there was an opening for a gun. On the east there was a small redan. Three small batteries were also erected. The defending men stood in the trench; and near each of them were placed half-a-dozen loaded muskets In the centre of the small square was a well. The two buildings already mentioned stood near this well. No water was allowed for washing; and but little served out for drink. More precious was this water than that drawn from the Bethlehem well; and greater far was the risk incurred in getting it. One brave fellow, a civilian, John McKillop, on the plea that he was no fighter, undertook the task of supplying the women and the children with water. It was a dangerous task; for, no matter who drew, man, woman, or child, the one who went to the well became a target for a hundred Sepoys to practice upon. For about a week the "Captain of the Well," as McKillop was called, escaped scot free. But it came at last, that fatal messenger; grape shot cut a deep wound in his groin, and he died after suffering terrible agonies for an hour or so. Yet were his last words kindly directed towards others; he had promised water to some woman whose children were clamoring for it. Would some one redeem for him his promise? And so he died

(To be continued.)

