# glarthwest heriew 

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## Evolution.

Some of its tallacies- The Vermi-
form Appendix. The Rai-
son d'etre of Rudimentary Orga
Though the following letter was published in the "Catholic Times" more than six months ago, it contains sohaly scientini by the lapse of time. We call spe cial attention to its necessary re minder that a million "perhapsits masterly treatment of that untortunate"appendix,"the frequent inflammation of which is such a ity to disease were a proof of the uselessness of an organ; and to the skilful handing of the vexed question as to the history
of rudimentary organs and musof rudimentary organs and mus cles. The writer's concladng
marks on our present ignorance and the consequent prudence of an expectant atitude combined with the and true religion cannot science act each other are in keep ing with the wise discernmen and wide
The Theories of Evolution.
Sib,-In my letter which you wer good enough to pablish in Tha cationg
Times of July 2 nal I proved on the autho rity of Professor Max Mailer, Mr. Roth and New Nursia, Weatern Ausiralia, that plare was no scientific reliance those people wha hold witi Darw in that there are tribes of men o
the earth who have no notion of God and cannot count beyond ten. It is no
compliment to bis resters, becanse sain that evea the most degraded abori ginal of Australia or Airica would consithat ten of the tribe wonld be as nume rous as one hundreit enemies advanciny
againgt them. Bistiop Salvado's colony has proved that in one generation the most degr.ded of savages can be brough o the level of an advanced ehtizacion, and trained in trades or complicated em ployments like telegraphy
The sudden unfolding of their power folk who theorise about mental evolution wrought out in unthinkable periods on
time, through an imaginary develop ment of nerve cells and cerebral cortica not undergtan natere of which they do gan for the organist. The brain is the instrument-not the player. The brain graphic switeh-board," or railway"shunt ing-yard," where the nerves come in cross over, and go out, enabling countdepart between the organs of special ennse, the muscles,
ratus of the boly.
iesue onother letter, appearing ebanges on the tone of tine which have been rung by geologists dariug the las bondred years; and as they bave been sor Saye, and Prof Lord Kelvin, mak them enormously reduce their time periods, I sliowed that Catholics canno ries are opposed, or apparently opposed, the age of the earth is far truth than that held by Sir Charle Lyell forty years ayo; but the history of all the natura sciences during the last
hundred years shows clearly that theories of to-day will be the ignoran ces of the end of the twentieth century traditions of the Bible and of the Chur in order to swallow an "orthodox evolu. than a hundred years, even if it is not beterodox at the present day? Every intelligent Catholic shonld be educate
in the facts of the principal natur aciences and in enough of those facts the many theories of evolution and
existence put foreward by weak-minde
thunkers whose pliilosophy is to imagin
that even a million probabilities ca make one certainty.
Daring the long correspondence
your columns on the "theories of evol
thon," one writer in the issue of Apr
23 rid last afks. "Why, in the name orsans which, ike the 'appendix verm formis,' are atsolutely useless to us, a
though performing a useful function in he lower animilis?" Our possession on the theory of the heredity and des. mals. Then, again. "how, except on this xplais heredty and desient, can durng the first couple of months of it existence passes through a series of
changes whici are represented by per-
dit manentstages in the animal kingdom? structure of that feetus is the structure of a fish."
This, of course, is pure Darwinism and no notice has been taken of it in any permitted to sliow the writer that there are other and better explanations
of these rudimentiry organs than that theory which the Darwinian writers bay is the only explanation. Sir William
Flower, Curator of the Brith Flower, Curator of the British Musuem
Natural History Departuent, speaking at the Newcastle ou-Tyne meeting of the
British Association in 1889, said tha "too much stress had been laid on these
so-called rudimentary organs, and that in lus opinion they are the weakest
point in the Darwinian argument for descent." As to the "appendix vermiis useless, Dr. Efward Audrews, in the
Journal of the American Medical Associappendix is not a functioniess organ. produces every day a quant:ty of tena-
cious mun us to lubri ate the ceecum valve and by thus facilitating the inove-
ment of matter prevents impaction in ment of matter prevents impaction in
the head of the colon. The current of had toagh forvirn bodies anot and other foreign bodies caunot ente ment
Your cor espondent then goes on to say that the appendix performs has a useful function in the lower animals. This is a
wide statement, apt to mislead. Very ew animals possess a vermiform appen-
ix, or anything like it. The truth is is very rarely found, except in man coxists only in the highest apes, the Some authorities in zoology, however deny that there is really an appendix in ther the wombat or toe monotremes. The subject of the so-called rudimenyour weekly issue for a twelvemonth without being fully discussed, and the aly those of your readers who had a advanced education in the natural all about. But my point will be gained ensible explanation of what they are, opposed to the Darwinian statement that they have no other explanation
han being aseless heirlooms from an conceivable antiquity
They are not absolutely useless organs, which was needed to build up the being the first stages of its life, where it has pass through different grades in order rudiments in the human heart are well known to the whole medical profession sthe remains of a mechanism which as absountely necessary to guide the breatae. The umbilicus is also th emuant of an organ of great value, an Which from the natere from the conl animal which possessed it, because its possession
The "human fotus," as your corresondent says, possesses gills and a float fish r , and straight tubed kidneys like hem. All living things need oxygena fish gets that ox ygen by gills from the
element he lives in ; the embryo gets its element he lives in ; the embryo gets its
oxygen from the same element by the

reatining by though gills from thicse tabolism in a gill breathing animal. The body is full of gronps of radim he remains of the special techanism oulded and worked into in great part arly formation, some were needed only ter it had been fulfilled ; these are -called rudimentary muscles which the the individual. Darwin made a capiit is plain we made it far too soon ing of our knowledge of the animal and egetable worlds. Many long years an way before we can be certain that we have really attained a good general idea fe. Meantime we can rest assured that ue science and true religion never can Monern Eciexce,
Boston, mase., U.s.a. August 10tb, 1897

EVOLUTION
The views of a Catholic
Medical Man
Dr. P. A. Smith, of Glasgow, lectured
in Sunday bef,r, the members of St. Sunday bef,ry the members of St.
rancis' Young Men's Society, Glas ow, on the much-delated question of
velution. It is a topict that has claim Evolution. It is a topic that has claim
ed close atiention from Cathonc scientisis and theologians, such as Rer. Mr Zath paper on Evolution abpeand exbaustiv pape of Dr Colvin. Dr Smith fearlessly
avows lis adherence to the Biblical dor. avows his adherence to the Biblical dor.
trine of a special creation. And this mainly for two reasons: (1) The imperfect,
unconvincing and aitogether fanty ar uments and evidence adduced by Darwin, Huxley, Wallace, and other ad endency of most theorists to ignore the existence of the human soul. Dr Smith the anatomy of the ape with that of man and laid especial emphasis on the ab sence "bom the eve noir" of Darwinists,
that The Missiog Link.
The Catholic Cuurch, the learned doctor oclared, is not, as commonly stated velopment. The doctrines of the Church are in perfect concord with ascertained results of scientific research Nay, more, the Charch is the friend
and patron of the arts and sciences, and encourages her children in the persuit o snowledge. What the Church does discountenance is the indiscriminate pro pagation of flimsy private theories, the reasoning, and aynostic thoaght, fault. days, the man-in-the-street has his pet theory of evolution based on clashing views and wild speculations. There is
grave danger in these promischous im aginings, subversive, as they are, of the doctrine of Revelation, and therefore in compatible with true Catholicity. The real attitude of the Church on the ques tion has been laid down by Father David,
O.S.F., one of the foremost theologians of the day. In the present nebulous and rude state of the evidence in favour of highly unwise of any Caticlic of light and leading-and exemplar whose lead
might be followed-to commit himsel o a wholesale acceptance of the teaching of Darwin and Huxley. Let Catho in presence of incontrovertible evidence either for or against evolution definitely

of the rest of the world that they are to
wear their shoulders sloping. Tuis, the wear their shoulders sloping. This, the
"London Daily News fashion authority observes. will be disagreeable news to
many who have become so habitrated
to the littl arms that they cannot fancy the of the themselves
looking smart without it.

Osoup, the GreatIndian Orator Verbatim at the recent Conference Winnipeg.
Through the kindness of In dian Commissioner Forget th he wimmpeg inced an accurate report latel the most important speech Conference. It was spoken in the Sauteux language by Osoup. the great Chief, formerly of the Crooked Lake reserve, now at years of age and has been an ex emplary practical Catholic fo the last fitteen years. The foilowingspeech, which wasdeliver
ed toward the close of the second ed toward the close of the second
dar's conference and mored the Indians to consolidate the reser yes, is well worth rendering as a specimen of Indian oratory and manly sincerity, though we are
told that it necessarily loses much of that it necessarily loses muc Osoup's address to the
Osoup's address to the Indian Commissioner was reported ver
batim from Miss McLean's ora interpretation, on the spot. His address to the Indian delegates, being pronounced without inter but Miss Mchot be soported but Miss Mclean, at Commissio
ner Forget's request, wrote it out from memory and submitted it to Osoup, who still remembered every word he had said and
fally approved the present rendering
Mr. A. E. Forget, introducing Chief Osoup, said he looked upon him as an old friend. He wa
trom the Crooked Lake agency but was anxious to join the re erve at Pine River. His opinions and thoughts were always worth stening to
Osoup then came forward and at dressing himself to the lodian Com-
missioner said: "I wish first of all to thank you for the invitation which wa extended to me to be present at this
conference, which is, as I understand it a very generous one on the part of th old friend of yours, and I hope also every representative of the government I have listened to your words this after noon with even more appreciation than
I did yesterday, for though I had a fai idea of what education meant to the In dian children it has been increased ver face and Rupert's Land Indnstria perform in entertaiuments which po ver far in showing us how well able the In dian is to compete with the white in learning, uot only to be useful, but also entertaining as well. The singing wa especially good. But from the tone some of the anguments whicts some of
the Indians have taken to day the Indians have taken to-day there ye
seems something which holds some them back, which makes them hesitate
in accepting this plan which you, as the representative of the department, hav laid before us for consideration. To me
everything seems easy and I would no hesitate for one moment in accepting your suggestions, but my friends hol
back. For that I back. For that I am sorry. Surely so clear to me. Now with your permis is the last chance I shall have before all return to our reserves.
Turning to the Indians he said: "My friends, in fact I might say now that there are so few of as left, my relations,
I have our great cinief's, the commis. I have our great chiel's, the commisto you before we bid each other good bye and before we purl from him.I am afraid from what some of you have said that
when we say our farewells it will be for a long time. It is not likely that shall meet again upon the invitation of so clear to them has not been treated so a arorably by some of us this evening. Now I must begin with what I have
to say and do not want you to think
that I am saying anyihing but what I
honestly believe, after very serioss con-
sideration, to be the trut in sideration, to be the truth in so far as we
are concernet. I am a stranger to most are concernerd. I am a stranger to most
of you here and in justice to myself I must tell you the position I have always taken in auy conference at which I have been invited to speak in beialf of our
people. It is not the first time 1 bave stool up to express my views on matters great importana to the molians. It
annot be said y anyone that 1 , ver poken then. No: 1 am never placed In the position of inding to retract my
pinion once it has been given. And hy? Because I think deeply over any the representatives of the government nad Now it has to be said
Now it is surely clear to you all this ange gathering the Indiang on to two arge reservations, and you have, I am ges which will follow such an arrangeent, for everything has been pat clearto us. And one thing has especially
een very plainly explained and shown ous, and that is the very great advancated enjoy hang compete in every way with the white
an's child. In the visits we have wade the ludustrial shools we bave seeu hat our childrea can do and how well hey are being trained. Surely it is ex-
cusable if our hearis are filled with pride the results of only a few years of trainny; surely it is reasonable that we he Indian ration will be able witi the help of the education the children are eceiving to do anything which our
riends, the white men, can deconplish. When we were promiseat schools did we reatize what they meant? No ; to as ley seened really unnecessary, and on-
to the the means of separation us from our children. That these partings bo ween parent and child were very hard well understand, but how many of na en received daring these abserces from
home? I am sure none of us did until e saw last night and this morning what r children have learned since they left
Our children are being educated by he department free of charge and are he government duing this becanse they ave money to throw away or is it because they are interested in the future velfare of the lidian? Are the representalives of our great mother,the Queen,
giving us all the this for nothing? We ust all see that the white men gets his arn something, but become not only omen of whom they as a nation will be proud. I tell you, my friends, that what we are getting for nothing the white men
has to pay for. At one time I thought e goverment could get everytbing for or. Now I know very much beternment have to of fact they as a goSurely it is plain that the Indian is in very sense of the word the child of the overnuent. But if we are children of l,e government let us not take advanage of this and act too much like children equiring to be coaxed and bumored. Our friend the the future. our an example of thissioner, has givplished by the gathering to-gether in one city-what one time not so very er of people of many devominations and from many lands. It mast be true, se saia, that all these bad a bome in eme land far away, a home which they very serious consideration. But it was their advantage to come out here and We their old homes. We, in coming see what the results have been. Have they forgotten the old home and the Niends they left behind? No, I am sure hey have uot let the sorrow they left nd the memories they still retain stand in their way. They have gone ahead and built up a city that is growing larg-
er year. In our case in leaving er every year. In our case in leaving
our present reservations we are not go-

