

THE REALLY EXCITING AND DRAMATIC STORY OF A MAN WHO MOSTLY STAYED AT HOME AND WROTE SOME BOOKS



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\* This is a joke. Wasps aren't Friendly. If you bother a wasp it'll sting you.

\*\* Yes, we know that you know that wasps can sting. But the Health & Safety people said we had to warn you anyway.
\*\*\* Also, we might get sued. Like if some kid is stung after reading this, his or her parents might try to sue us for a

Million dollars for the time they had to spend kissing it better. \*\*\*\* That's parents kissing the sting better. Not kissing the wasp better. Obviously.

\*\*\*\*\* Don't kiss wasps. Seriously. Just don't.



But as the centuries passed, questions were raised about how true some of the Old Testament — the part of the Bible about the time before Jesus was born — really is.

For instance, the astronomers Nicolaus Copernicus (1473-1543) and Galileo Galilei (1564-1642) had shown that the Earth revolves around the sun. But the Bible says the Earth does not move, and the Catholic Church actually Porced Galileo to say he was wrong.

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It does move, you know What did you san!? Nothing. The church eventually had to admit that Galileo was right.

The Protestant and Catholic churches in Europe and America were equally strong in their dePense of Genesis. God had created all the animals, birds, Pish, insects, trees and plants of the world, and EVERYTHING had been the same ever since the day he had made them.

In Britain they even thought they knew exactly when God had created the Earth. The date had been worked out in the 1640s by Bishop James Ussher.



Nowadays we know the Earth is Much, Much older — about 4.54 billion years — and Most people think Ussher is laughable. To be Fair, he was a brilliant scholar who Made his calculation using ancient historical writings as well as the Bible. He does not deserve to be ridiculed For a Mistake based on the best knowledge people had at the time.

But by the late 1700s, more and more "naturalists" — people who studied nature

who solution address in a solution of the cruck of Genesis and to question the church teaching that nothing on Earth had ever changed.



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By 1800 even a few church leaders wondered if Genesis was literally true. But even if it wasn't, few people doubted that God had designed the world and everything in it. Anyone questioning Genesis had to deal with the "watchmäker argument." This idea was MOST FAMOUSIN put Forward by a churchman named William Paley (1743-1805), whose books were hugely popular. You pick it Imagine You up and examine it nou are wouldn't and see that it's made walking through think the of various materials watch had just the countryside - alass, and different and Find a watch "happened," types of metal. You open it lying on the would you? up and see that it contains ground. a complicated mechanism of springs, cogs and gears. Well, it's All life, You would and the whole the same with know that this And that animals. Look at how universe - the intricate piece of designer is, sun, moon and stars wonderfully complicated Machinery has been of course, the internal ordans of - are all so complex designed and made God. and work so perfectly a human being or animal by an intelligent that then MUST have are. Look at how well being. all the plants and been made by a animals fit into their designer. environments.

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and his business the scientist and There was the Birmingham partner the political thinker industrialist engineer James Joseph Priestley (who Matthew Watt (inventor discovered oxugen), Boulton, of an improved steam engine), the engineer John Smeaton. the painter Joseph Wright and many others. The brilliant They discussed new ideas and the latest breakthroughs in American science and technology. This wasn't just for fun - it could scientist and also help them make money. Darwin himself invested in new and the great writer Benjamin transportation or industrial schemes and was responsible Franklin visited French chemist for a number of inventions, including a type of windmill and a tiny artificial bird. Among his notebooks there are also them when he Antoine Lavoisier plans for a rocket engine that was never made, but which came to England regularly wrote is similar to modern liquid-fueled rockets. to them. SO Erasmus Erasmus Darwin Darwin said First forms minute, unseen by spheric glass, also wrote books Move on the Mud, or pierce the watery Mass; that life on and poems about his These, as successive generations bloom, Earth hadn't studies of nature. In New powers acquire, and larger limbs assume: been put Whence countless groups of vegetation spring, his book Zoönomia he there as fully put forward a theory And breathing realms of Fin, and Feet, and wing. Formed plants of evolution, that is, and animals bu he said that plants God. He was and animals do change saying that and develop over time. plants and He suggested that . animals had all life on Earth came evolved over From a single original the centuries, organism or cause. His having long poem "The Temple started out of Nature" expanded as microscopic the idea: life-forms.

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