
Letter
to a
Christian
Nation

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THE END OF FAITH

NOTE TO THE READER

Since the publication of my first book, *The End of Faith*, thousands of people have written to tell me that I am wrong not to believe in God. The most hostile of these communications have come from Christians. This is ironic, as Christians generally imagine that no faith imparts the virtues of love and forgiveness more effectively than their own. The truth is that many who claim to be transformed by Christ's love are deeply, even murderously, intolerant of criticism. While we may want to ascribe this to human nature, it is clear that such hatred draws considerable support from the Bible. How do I know this? The most disturbed of my correspondents always cite chapter and verse.

While this book is intended for people of all faiths, it has been written in the form of a letter to a Christian. In it, I respond to many of the arguments that Christians put forward in defense of their religious beliefs. The primary purpose of the book is to arm secularists in our society, who believe that religion should be kept out of public policy, against their opponents on the Christian Right. Consequently, the "Christian" I address throughout is a Christian in a narrow sense of the term. Such a person believes, at a minimum, that the Bible is the inspired word of God and that only those who accept the divinity of Jesus Christ will experience salvation after death. Dozens of scientific surveys suggest that well over half of the American population subscribes to these beliefs. Of course, such metaphysical commitments do not imply any particular denomination of Christianity. Conservatives in every sect - Catholics, mainline Protestants, Evangelicals, Baptists, Pentecostals, Jehovah's Witnesses, and so on - are equally implicated in my argument. As is well known, the beliefs of conservative Christians now exert an extraordinary influence over our national discourse - in our courts, in our schools, and in every branch of government.

In *Letter to a Christian Nation*, I have set out to demolish the intellectual and moral pretensions of Christianity in its most committed forms. Consequently, liberal and moderate Christians will not always recognize themselves in the "Christian" I address. They should, however, recognize one hundred and fifty million of their neighbors. I have little doubt that liberals and moderates find the eerie certainties of the Christian Right to be as troubling as I do. It is my hope, however, that they will also begin to see that the respect they demand for their own religious beliefs gives shelter to extremists of all faiths. Although liberals and moderates do not fly planes into buildings or organize their lives around apocalyptic prophecy, they rarely question the legitimacy of raising a child to believe that she is a Christian, a Muslim, or a Jew. Even the most progressive faiths lend tacit support to the religious divisions in our world. In *Letter to a Christian Nation*, however, I engage Christianity at its most divisive, injurious, and retrograde. In this, liberals, moderates, and nonbelievers can recognize a common cause.

According to a recent Gallup poll, only 12 percent of Americans believe that life on earth has evolved through a natural process, without the interference of a deity. Thirty one percent believe that evolution has been "guided by God." If our worldview were put to a vote, notions of "intelligent design" would defeat the science of biology by nearly three to one. This is troubling, as nature offers no compelling evidence for an intelligent designer and countless examples of unintelligent design. But the current controversy over "intelligent design" should not blind us to the true scope of our religious bewilderment at the dawn of the twenty first century.

The same Gallup poll revealed that 53 percent of Americans are actu-ally creationists. This means that despite a full century of scientific insights attesting to the antiquity of life and the greater antiquity of the earth, more than half of our neighbors believe that the entire cosmos

was created six thousand years ago. This is, incidentally, about a thousand years after the Sumerians invented glue. Those with the power to elect our presidents and congressmen - and many who them-selves get elected—believe that dinosaurs lived two by two upon Noah's ark, that light from distant galaxies was created en route to the earth, and that the first members of our species were fashioned out of dirt and divine breath, in a garden with a talking snake, by the hand of an invisible God.

Among developed nations, America stands alone in these convictions. Our country now appears, as at no other time in her history, like a lumbering, bellicose, dimwitted giant. Anyone who cares about the fate of civilization would do well to recognize that the combination of great power and great stupidity is simply terrifying, even to one's friends.

The truth, however, is that many of us may not care about the fate of civilization. Forty four percent of the American population is convinced that Jesus will return to judge the living and the dead sometime in the next fifty years. According to the most common interpretation of biblical prophecy, Jesus will return only after things have gone horribly awry here on earth. It is, therefore, not an exaggeration to say that if the city of New York were suddenly replaced by a ball of fire, some significant percentage of the American population would see a silver lining in the subsequent mushroom cloud, as it would suggest to them that the best thing that is ever going to happen was about to happen: the return of Christ. It should be blindingly obvious that beliefs of this sort will do little to help us create a durable future for ourselves—socially, economically, environmentally, or geopolitically. Imagine the consequences if any significant component of the U.S. government actually believed that the world was about to end and that its ending would be glorious. The fact that nearly half of the American population apparently believes this, purely on the basis of religious dogma, should be considered a moral and intellectual emergency. The book you are about to read is my response to this emergency. It is my sincere hope that you will find it useful.

Sam Harris May 1, 2006 New York

Letter to a Christian Nation

You believe that the Bible is the word of God, that Jesus is the Son of God, and that only those who place their faith in Jesus will find salvation after death. As a Christian, you believe these propositions not because they make you feel good, but because you think they are true. Before I point out some of the problems with these beliefs, I would like to acknowledge that there are many points on which you and I agree. We agree, for instance, that if one of us is right, the other is wrong. The Bible is either the word of God, or it isn't. Either Jesus offers humanity the one, true path to salvation (John 14:6), or he does not. We agree that to be a true Christian is to believe that all other faiths are mistaken, and profoundly so. If Christianity is correct, and I persist in my unbelief, I should expect to suffer the torments of hell.

Worse still, I have persuaded others, and many close to me, to reject the very idea of God. They too will languish in "eternal fire" (Matthew 25:41). If the basic doctrine of Christianity is correct, I have misused my life in the worst conceivable way. I admit this without a single caveat. The fact that my continuous and public rejection of Christianity does not worry me in the least should suggest to you just how inadequate I think your reasons for being a Christian are.

Of course, there are Christians who do not agree with either of us. There are Christians who consider other faiths to be equally valid paths to salvation. There are Christians who have no fear of hell and who do not believe in the physical resurrection of Jesus. These Christians often describe themselves as "religious liberals" or "religious moderates." From their point of view, you and I have both misunderstood what it means to be a person of faith. There is, we are assured, a vast and beautiful terrain between atheism and religious fundamentalism that generations of thoughtful Christians have quietly explored. According to liberals and moderates, faith is about mystery, and meaning, and community, and love. People make religion out of the full fabric of their lives, not out of mere beliefs.

I have written elsewhere about the problems I see with religious liberalism and religious moderation. Here, we need only observe that the issue is both simpler and more urgent than liberals and moderates generally admit. Either the Bible is just an ordinary book, written by mortals, or it isn't. Either Christ was divine, or he was not. If the Bible is an ordinary book, and Christ an ordinary man, the basic doctrine of Christianity is false. If the Bible is an ordinary book, and Christ an ordinary man, the history of Christian theology is the story of bookish men parsing a collective delusion. If the basic tenets of Christianity are true, then there are some very grim surprises in store for nonbelievers like myself. You understand this. At least half of the American population understands this. So let us be honest with ourselves: in the fullness of time, one side is really going to win this argument, and the other side is really going to lose.

Consider: every devout Muslim has the same reasons for being a Muslim that you have for being a Christian. And yet you do not find their reasons compelling. The Koran repeatedly declares that it is the perfect word of the creator of the universe. Muslims believe this as fully as you believe the Bible's account of itself. There is a vast literature describing the life of Muhammad that, from the point of view of Islam, proves that he was the most recent Prophet of God. Muhammad also assured his followers that Jesus was not divine (Koran 5:71-75; 19:30-38) and that anyone who believes otherwise will spend eternity in hell. Muslims are certain that Muhammad's opinion on this subject, as on all others, is infallible.

Why don't you lose any sleep over whether to convert to Islam? Can you prove that Allah is not the one, true God? Can you prove that the archangel Gabriel did not visit Muhammad in his cave? Of course not. But you need not prove any of these things to reject the beliefs of Muslims as absurd. The burden is upon them to prove that their beliefs about God and Muhammad are valid. They have not done this. They cannot do this. Muslims are simply not making claims about reality that can be corroborated. This is perfectly apparent to anyone who has not anesthetized himself with the dogma of Islam.

The truth is, you know exactly what it is like to be an atheist with respect to the beliefs of Muslims. Isn't it obvious that Muslims are fooling themselves? Isn't it obvious that anyone who thinks that the Koran is the perfect word of the creator of the universe has not read the book critically? Isn't it obvious that the doctrine of Islam represents a near perfect barrier to honest inquiry? Yes, these things are obvious. Understand that the way you view Islam is precisely the way devout Muslims view Christianity. And it is the way I view all religions.

The Wisdom of the Bible

You believe that Christianity is an unrivaled source of human goodness. You believe that Jesus taught the virtues of love, compassion, and selflessness better than any teacher who has ever lived. You believe that the Bible is the most profound book ever written and that its contents have stood the test of time so well that it must have been divinely inspired. All of these beliefs are false.

Questions of morality are questions about happiness and suffering. This is why you and I do not have moral obligations toward rocks. To the degree that our actions can affect the experience of other creatures positively or negatively, questions of morality apply. The idea that the Bible is a perfect guide to morality is simply astounding, given the contents of the book.

Admittedly, God's counsel to parents is straightforward: whenever children get out of line, we should beat them with a rod (Proverbs 13:24, 20:30, and 23:13-14). If they are shameless enough to talk back to us, we should kill them (Exodus 21:15, Leviticus 20:9, Deuteronomy 21:18-21, Mark 7:9-13, and Matthew 15:4-7). We must also stone people to death for heresy, adultery, homosexuality, working on the Sabbath, worshipping graven images, practicing sorcery, and a wide variety of other imaginary crimes. Here is just one example of God's timeless wisdom:

If your brother, the son of your mother, or your son, or your daughter, or the wife of your bosom, or your friend who is as your own soul, entices you secretly, saying, "Let us go and serve other gods,"... you shall not yield to him or listen to him, nor shall your eye pity him, nor shall you spare him, nor shall you conceal him; but you shall kill him; your hand shall be first against him to put him to death, and afterwards the hand of all the people. You shall stone him to death with stones, because he sought to draw you away from the LORD your God, who brought you out of the land of Egypt, out of the house of bondage.... If you hear in one of your cities, which the LORD your God gives you to dwell there, that certain base fellows have gone out among you and have drawn away the inhabitants of the city, saying, "Let us go and serve other gods" which you have not known, then you shall inquire and make search and ask diligently; and behold, if it be true and certain that such an abominable thing has been done among you, you shall surely put the inhabitants of that city to the sword, destroying it utterly, all who are in it and its cattle, with the edge of the sword.

---DEUTERONOMY 13:6, 8-15

Many Christians believe that Jesus did away with all this barbarism in the clearest terms imaginable and delivered a doctrine of pure love and toleration. He didn't. In fact, at several points in the New Testament, Jesus can be read to endorse the entirety of Old Testament law.

For truly, I say to you, till heaven and earth pass away, not an iota, not a dot, will pass from the law until all is accomplished. Whoever then relaxes one of the least of these commandments and teaches men so, shall be called least in the kingdom of heaven; but he who does them and teaches them shall be called great in the kingdom of heaven. For I tell you, unless your righteousness exceeds that of the scribes and Pharisees, you will never enter the kingdom of heaven.

--MATTHEW 5:18-19

The apostles regularly echo this theme (for example, see 2 Timothy 3:16-17). It is true, of course, that Jesus said some profound things about love and charity and forgiveness. The Golden Rule really is a wonderful moral precept. But numerous teachers offered the same instruction centuries before Jesus (Zoroaster, Buddha, Confucius, Epictetus...), and countless scriptures discuss the importance of self-transcending love more articulately than the Bible does, while being unblemished by the obscene celebrations of violence that we find throughout the Old and New Testaments. If you think that Christianity is the most direct and undefiled expression of love and compassion the world has ever seen, you do not know much about the world's other religions.

Take the religion of Jainism as one example. The Jains preach a doctrine of utter non-violence. While the Jains believe many improbable things about the universe, they do not believe the sorts of things that lit the fires of the Inquisition. You probably think the Inquisition was a perversion of the "true" spirit of Christianity. Perhaps it was. The problem, however, is that the teachings of the Bible are so muddled and self-contradictory that it was possible for Christians to happily burn heretics alive for five long centuries. It was even possible for the most venerated patriarchs of the Church, like St. Augustine and St. Thomas Aquinas, to conclude that heretics should be tortured (Augustine) or killed outright (Aquinas). Martin Luther and John Calvin advocated the wholesale murder of heretics, apostates, Jews, and witches. You are, of course, free to interpret the Bible differently - though isn't it amazing that you have succeeded in discerning the true teachings of Christianity, while the most influential thinkers in the history of your faith failed? Of course, many Christians believe that a harmless person like Martin Luther King, Jr., is the best exemplar of their religion. But this presents a serious problem, because the doctrine of Jainism is an objectively better guide for becoming like Martin Luther King, Jr., than the doctrine of Christianity is. While King undoubtedly considered himself a devout Christian, he acquired his commitment to nonviolence primarily from the writings of Mohandas K. Gandhi. In 1959, he even traveled to India to learn the principles of nonviolent social protest directly from Gandhi's disciples. Where did Gandhi, a Hindu, get his doctrine of nonviolence? He got it from the Jains.

If you think that Jesus taught only the Golden Rule and love of one's neighbor, you should reread the New Testament. Pay particular attention to the morality that will be on display when Jesus returns to earth trailing clouds of glory:

God deems it just to repay with affliction those who afflict you ... when the Lord Jesus is revealed from heaven with his mighty angels in flaming fire, inflicting vengeance upon those who do not know God and upon those who do not obey the gospel of our Lord Jesus. They shall suffer the punishment of eternal destruction and exclusion from the presence of the Lord and from the glory of his might...

--2 THESSALONIANS 1:6-9

If a man does not abide in me, he is cast forth as a branch and withers; and the branches are gathered, thrown into the fire and burned.

---JOHN 15:6

If we take Jesus in half his moods, we can easily justify the actions of St. Francis of Assisi or Martin Luther King, Jr. Taking the other half, we can justify the Inquisition. Anyone who believes that the Bible offers the best guidance we have on questions of morality has some very strange ideas about either guidance or morality.

In assessing the moral wisdom of the Bible, it is useful to consider moral questions that have been solved to everyone's satisfaction. Consider the question of slavery. The entire civilized world now agrees that slavery is an abomination. What moral instruction do we get from the God of Abraham on this subject? Consult the Bible, and you will discover that the creator of the universe clearly expects us to keep slaves:

As for your male and female slaves whom you may have: you may buy male and female slaves from among the nations that are round about you. You may also buy from among the strangers who sojourn with you and their families that are with you, who have been born in your land; and they may be your property. You may bequeath them to your sons after you, to inherit as a possession forever; you may make slaves of them, but over your brethren the people of Israel you shall not rule, one over another, with harshness.

—leviticus 25:44—46

The Bible also makes it clear that every man is free to sell his daughter into sexual slavery—though certain niceties apply:

When a man sets his daughter as a slave, she shall not go out as the male slaves do. If she does not please her master, who has designated her for himself, then he shall let her be redeemed; he shall have no right to sell her to a foreign people, since he has dealt faithlessly with her. If he designates her for his son, he shall deal with her as with a daughter. If he takes another wife to himself, he shall not diminish her food, her clothing, or her marital rights. And if he does not do these three things for her, she shall go out for nothing, without payment of money.

—exodus 21:7-11

The only real restraint God counsels on the subject of slavery is that we not beat our slaves so severely that we injure their eyes or their teeth (Exodus 21). It should go without saying that is not the kind of moral insight that put an end to slavery in the United States.

There is no place in the New Testament where Jesus objects to the practice of slavery. St. Paul even admonishes slaves to serve their masters well—and to serve their Christian masters especially well:

Slaves, be obedient to those who are your earthly masters, with fear and trembling, in singleness of heart, as to Christ...

---EPHESIANS 6:5

Let all who are under the yoke of slavery regard their masters as worthy of all honor, so that the name of God and the teaching may not be defamed. Those who have believing masters must not be disrespectful on the ground that they are brethren; rather they must serve all the better since those who benefit by their service are believers and beloved. Teach and urge these duties. If any one teaches otherwise and does not agree with the sound words of our Lord Jesus Christ and the teaching which accords with godliness, he is puffed up with conceit, he knows nothing; he has a morbid craving for controversy and for disputes about words, which produce envy, dissension, slander, base suspicions...

It should be clear from these passages that, while the abolitionists of the nineteenth century were morally right, they were on the losing side of a theological argument. As the Reverend Richard Fuller put it in 1845, "What God sanctioned in the Old Testament, and permitted in the New, cannot be a sin." The good Reverend was on firm ground here. Nothing in Christian theology remedies the appalling deficiencies of the Bible on what is perhaps the greatest—and the easiest—moral question our society has ever had to face.

In response, Christians like yourself often point out that the abolitionists also drew considerable inspiration from the Bible. Of course they did. People have been cherry-picking the Bible for millennia to justify their every impulse, moral and otherwise. This does not mean, however, that accepting the Bible to be the word of God is the best way to discover that abducting and enslaving millions of innocent men, women, and children is morally wrong. It clearly isn't, given what the Bible actually says on the subject. The fact that some abolitionists used parts of scripture to repudiate other parts does not indicate that the Bible is a good guide to morality. Nor does it suggest that human beings should need to consult a book in order to resolve moral questions of this sort. The moment a person recognizes that slaves are human beings like himself, enjoying the same capacity for suffering and happiness, he will understand that it is patently evil to own them and treat them like farm equipment. It is remarkably easy for a person to arrive at this epiphany - and yet, it had to be spread at the point of a bayonet throughout the Confederate South, among the most pious Christians this country has ever known.

The Ten Commandments are also wor-thy of some reflection in this context, as most Americans seem to think them both morally and legally indispensable. While the U.S. Constitution does not contain a single mention of God, and was widely decried at the time of its composition as an irreligious document, many Christians believe that our nation was founded on "Judeo-Christian principles." Strangely, the Ten Commandments are often cited as incontestable proof of this fact. While their relevance to U.S. history is questionable, our reverence for the commandments is not an accident. They are, after all, the only passages in the Bible so profound that the creator of the universe felt the need to physically write them himself and in stone. As such, one would expect these to be the greatest lines ever written, on any subject, in any language. Here they are. Get ready...

1. *You shall have no other gods before me.*
2. *You shall not make for yourself a graven image.*
3. *You shall not take the name of the LORD your God in vain.*
4. *Remember the Sabbath day, to keep it holy.*
5. *Honor your father and your mother.*
6. *You shall not murder.*
7. *You shall not commit adultery.*
8. *You shall not steal.*
9. *You shall not bear false witness against your neighbor.*
10. *You shall not covet your neighbor's house; you shall not covet your neighbor's wife, or his manservant, or his maidservant, or his ox, or his ass, or anything that is your neighbor's.*

The first four of these injunctions have nothing whatsoever to do with morality. As stated, they forbid the practice of any non—Judeo-Christian faith (like Hinduism), most religious art, utterances like "God damn it!," and all ordinary work on the Sabbath—all under penalty of death. We might well wonder how vital these precepts are to the maintenance of civilization.

Commandments 5 through 9 do address morality, though it is questionable how many human beings ever honored their parents or abstained from committing murder, adultery, theft, or perjury because of them.

Admonishments of this kind are found in virtually every culture throughout recorded history. There is nothing especially compelling about their presentation in the Bible. There are obvious biological reasons why people tend to treat their parents well, and to think badly of murderers, adulterers, thieves, and liars. It is a scientific fact that moral emotions—like a sense of fair play or an abhorrence of cruelty—precede any exposure to scripture. Indeed, studies of primate behavior reveal that these emotions (in some form) precede humanity itself. All of our primate cousins are partial to their own kin and generally intolerant of murder and theft.

They tend not to like deception or sexual betrayal much, either. Chimpanzees, especially, display many of the complex social concerns that you would expect to see in our closest relatives in the natural world. It seems rather unlikely, therefore, that the average American will receive necessary moral instruction by seeing these precepts chiseled in marble whenever he enters a courthouse. And what are we to make of the fact that, in bringing his treatise to a close, the creator of our universe could think of no human concerns more pressing and durable than the coveting of servants and livestock?

If we are going to take the God of the Bible seriously, we should admit that He never gives us the freedom to follow the commandments we like and neglect the rest. Nor does He tell us that we can relax the penalties He has imposed for breaking them.

If you think that it would be impossible to improve upon the Ten Commandments as a statement of morality, you really owe it to yourself to read some other scriptures. Once again, we need look no further than the Jains: Mahavira, the Jain patriarch, surpassed the morality of the Bible with a single sentence: "Do not injure, abuse, oppress, enslave, insult, torment, torture, or kill any creature or living being." Imagine how different our world might be if the Bible contained this as its central precept. Christians have abused, oppressed, enslaved, insulted, tormented, tortured, and killed people in the name of God for centuries, on the basis of a theologically defensible reading of the Bible. It is impossible to behave this way by adhering to the principles of Jainism. How, then, can you argue that the Bible provides the clearest statement of morality the world has ever seen?

Real Morality

You believe that unless the Bible is accepted as the word of God, there can be no universal standard of morality. But we can easily think of objective sources of moral order that do not require the existence of a lawgiving God. For there to be objective moral truths worth knowing, there need only be better and worse ways to seek happiness in this world. If there are psychological laws that govern human well-being, knowledge of these laws would provide an enduring basis for an objective morality. While we do not have anything like a final, scientific understanding of human morality, it seems safe to say that raping and killing our neighbors is not one of its primary constituents. Everything about human experience suggests that love is more conducive to happiness than hate is. This is an objective claim about the human mind, about the dynamics of social relations, and about the moral order of our world. It is clearly possible to say that someone like Hitler was wrong in moral terms without reference to scripture.

While feeling love for others is surely one of the greatest sources of our own happiness, it entails a very deep concern for the happiness and suffering of those we love. Our own search for happiness, therefore, provides a rationale for self-sacrifice and self-denial. There is no question that there are times when making enormous sacrifices for the good of others is essential for one's own deeper well-being. Nothing has to be believed on insufficient evidence for people to form bonds of this sort. At various points in the Gospels, Jesus clearly tells us that love can transform human life. We need not believe that he was born of a virgin or will be returning to earth as a superhero to take these teachings to heart.

One of the most pernicious effects of religion is that it tends to divorce morality from the reality of human and animal suffering. Religion allows people to imagine that their concerns are moral when they are not—that is, when they have nothing to do with suffering or its alleviation. Indeed, religion allows people to imagine that their concerns are moral when they are highly immoral—that is, when pressing these concerns inflicts unnecessary and appalling suffering on innocent human beings. This explains why Christians like yourself expend more "moral" energy opposing abortion than fighting genocide. It explains why you are more concerned about human embryos than about the lifesaving promise of stem-cell research. And it explains why you can preach against condom use in sub-Saharan Africa while millions die from AIDS there each year. You believe that your religious concerns about sex, in all their tiresome immensity, have something to do with morality. And yet, your efforts to constrain the sexual behavior of consenting adults—and even to discourage your own sons and daughters from having premarital sex—are almost never geared toward the relief of human suffering. In fact, relieving suffering seems to rank rather low on your list of priorities. Your principal concern appears to be that the creator of the universe will take offense at something people do while naked. This prudery of yours contributes daily to the surplus of human misery.

Consider, for instance, the human papillomavirus (HPV). HPV is now the most common sexually transmitted disease in the United States. The virus infects over half the American population and causes nearly five thousand women to die each year from cervical cancer; the Centers for Disease Control (CDC) estimates that more than two hundred thousand die worldwide. We now have a vaccine for HPV that appears to be both safe and effective. The vaccine produced 100 percent immunity in the six thousand women who received it as part of a clinical trial. And yet, Christian conservatives in our government have resisted a vaccination program on the grounds that HPV is a valuable impediment to premarital sex. These pious men and women want to preserve cervical cancer as an incentive toward abstinence, even if it sacrifices the lives of thousands of women each year.

There is nothing wrong with encouraging teens to abstain from having sex. But we know, beyond any doubt, that teaching abstinence alone is not a good way to curb teen pregnancy or the spread of sexually transmitted disease. In fact, kids who are taught abstinence alone are less likely to use contraceptives when they do have sex, as many of them inevitably will. One study found that teen "virginity pledges" postpone intercourse for eighteen months on average—while, in the meantime, these virgin teens were more likely than their peers to engage in oral and anal sex. American teenagers engage in about as much sex as teenagers in the rest of the developed world, but American girls are four to five times more likely to become pregnant, to have a baby, or to get an abortion. Young Americans are also far more likely to be infected by HIV and other sexually transmitted diseases. The rate of gonorrhea among American teens is seventy times higher than it is among their peers in the Netherlands

and France. The fact that 30 percent of our sex-education programs teach abstinence only (at a cost of more than \$200 million a year) surely has something to do with this.

The problem is that Christians like yourself are not principally concerned about teen pregnancy and the spread of disease. That is, you are not worried about the suffering caused by sex; you are worried about sex. As if this fact needed further corroboration, Reginald Finger, an Evangelical member of the CDC's Advisory Committee on Immunization Practices, recently announced that he would consider opposing an HIV vaccine—thereby condemning millions of men and women to die unnecessarily from AIDS each year—because such a vaccine would encourage premarital sex by making it less risky. This is one of many points on which your religious beliefs become genuinely lethal.

Your qualms about embryonic stem-cell research are similarly obscene. Here are the facts: stem-cell research is one of the most promising developments in the last century of medicine. It could offer therapeutic break-throughs for every disease or injury process that human beings suffer—for the simple reason that embryonic stem cells can become any tissue in the human body. This research may also be essential for our understanding of cancer, along with a wide variety of developmental disorders. Given these facts, it is almost impossible to exaggerate the promise of stem-cell research. It is true, of course, that research on embryonic stem cells entails the destruction of three-day-old human embryos. This is what worries you.

Let us look at the details. A three-day-old human embryo is a collection of 150 cells called a blastocyst. There are, for the sake of comparison, more than 100,000 cells in the brain of a fly. The human embryos that are destroyed in stem-cell research do not have brains, or even neurons. Consequently, there is no reason to believe they can suffer their destruction in any way at all. It is worth remembering, in this context, that when a person's brain has died, we currently deem it acceptable to harvest his organs (provided he has donated them for this purpose) and bury him in the ground. If it is acceptable to treat a person whose brain has died as something less than a human being, it should be acceptable to treat a blastocyst as such. If you are concerned about suffering in this universe, killing a fly should present you with greater moral difficulties than killing a human blastocyst.

Perhaps you think that the crucial difference between a fly and a human blastocyst is to be found in the latter's potential to become a fully developed human being. But almost every cell in your body is a potential human being, given our recent advances in genetic engineering. Every time you scratch your nose, you have committed a Holocaust of potential human beings. This is a fact. The argument from a cell's potential gets you absolutely nowhere.

But let us assume, for the moment, that every three-day-old human embryo has a soul worthy of our moral concern. Embryos at this stage occasionally split, becoming separate people (identical twins). Is this a case of one soul splitting into two? Two embryos sometimes fuse into a single individual, called a chimera. You or someone you know may have developed in this way. No doubt theologians are struggling even now to determine what becomes of the extra human soul in such a case.

Isn't it time we admitted that this arithmetic of souls does not make any sense? The naive idea of souls in a Petri dish is intellectually indefensible. It is also morally indefensible, given that it now stands in the way of some of the most promising research in the history of medicine. Your beliefs about the human soul are, at this very moment, prolonging the scarcely endurable misery of tens of millions of human beings.

You believe that "life starts at the moment of conception." You believe that there are souls in each of these blastocysts and that the interests of one soul—the soul of a little girl with burns over 75 percent of her body, say—cannot trump the interests of another soul, even if that soul happens to live inside a Petri dish. Given the accommodations we have made to faith-based irrationality in our public discourse, it is often suggested, even by advocates of stem-cell research, that your position on this matter has some degree of moral legitimacy. It does not. Your resistance to embryonic stem-cell research is, at best, uninformed. There is, in fact, no moral reason for our federal government's unwillingness to fund this work. We should throw immense resources into stem-cell research, and we should do so immediately. Because of what Christians like yourself believe about souls, we are not doing this. In fact, several states have made such work illegal. If one experiments on a blastocyst in South Dakota, for instance, one risks spending years in prison.

The moral truth here is obvious: anyone who feels that the interests of a blastocyst just might supersede the interests of a child with a spinal cord injury has had his moral sense blinded by religious metaphysics. The link between religion and "morality"—so regularly proclaimed and so seldom demonstrated—is fully belied here, as it is wherever religious dogma supersedes moral reasoning and genuine compassion.

Doing Good for God

What about all of the good things people have done in the name of God? It is undeniable that many people of faith make heroic sacrifices to relieve the suffering of other human beings. But is it necessary to believe anything on insufficient evidence in order to behave this way? If compassion were really dependent upon religious dogmatism, how could we explain the work of secular doctors in the most war-ravaged regions of the developing world? Many doctors are moved simply to alleviate human suffering, without any thought of God. While there is no doubt that Christian missionaries are also moved by a desire to alleviate suffering, they come to the task encumbered by a dangerous and divisive mythology. Missionaries in the developing world waste a lot of time and money (not to mention the goodwill of non-Christians) proselytizing to the needy; they spread inaccurate information about contraception and sexually transmitted disease, and they withhold accurate information.

While missionaries do many noble things at great risk to themselves, their dogmatism still spreads ignorance and death. By contrast, volunteers for secular organizations like Doctors Without Borders do not waste any time telling people about the virgin birth of Jesus. Nor do they tell people in sub-Saharan Africa—where nearly four million people die from AIDS every year—that condom use is sinful. Christian missionaries have been known to preach the sinfulness of condom use in villages where no other information about condoms is available. This kind of piety is genocidal.* We might also wonder, in passing, which is more moral: helping people purely out of concern for their suffering, or helping them because you think the creator of the universe will reward you for it?

*If you can believe it, the Vatican is currently opposed to condom use even to prevent the spread of HIV from one married partner to another. The Pope is rumored to be reconsidering this policy. Cardinal Javier Lozano Barragan, president of the Pontifical Council for Health Care, announced on Vatican radio that his office is now "conducting a very profound scientific, technical and moral study" of this issue (!). Needless to say, if Church doctrine changes as a result of these pious deliberations, it will be a sign, not that faith is wise, but that one of its dogmas has grown untenable.

Mother Teresa is a perfect example of the way in which a good person, moved to help others, can have her moral intuitions deranged by religious faith. Christopher Hitchens put it with characteristic bluntness:

[Mother Teresa] was not a friend of the poor. She was a friend of poverty. She said that suffering was a gift from God. She spent her life opposing the only known cure for poverty, which is the empowerment of women and the emancipation of them from a livestock version of compulsory reproduction.

While I am in substantial agreement with Hitchens on this point, there is no denying that Mother Teresa was a great force for compassion. Clearly, she was moved by the suffering of her fellow human beings, and she did much to awaken others to the reality of that suffering. The problem, however, was that her compassion was channeled within the rather steep walls of her religious dogmatism. In her Nobel Prize acceptance speech, she said:

The greatest destroyer of peace is abortion.... Many people are very, very concerned with the children in India, with the children in Africa where quite a number die, maybe of malnutrition, of hunger and so on, but millions are dying deliberately by the will of the mother. And this is what is the greatest destroyer of peace today. Because if a mother can kill her own child—what is left for me to kill you and you kill me—there is nothing between.

As a diagnosis of the world's problems, these remarks are astonishingly misguided. As a statement of morality they are no better. Mother Teresa's compassion was very badly calibrated if the killing of first-trimester fetuses disturbed her more than all the other suffering she witnessed on this earth. While abortion is an ugly reality, and we should all hope for breakthroughs in contraception that reduce the need for it, one can reasonably wonder whether most aborted fetuses suffer their destruction on any level. One cannot reasonably wonder this about the millions of men, women, and children who must endure the torments of war, famine, political torture, or mental illness. At this very moment, millions of sentient people are suffering unimaginable physical and mental afflictions, in circumstances where the compassion of God is nowhere to be seen, and the compassion of human beings is often hobbled by preposterous ideas about sin and salvation. If you are worried about human suffering, abortion should rank very low on your list of concerns. While abortion remains a ludicrously divisive issue in the United States, the "moral" position of the Church on this matter is now fully and horribly incarnated in the country of El Salvador. In El Salvador, abortion is now illegal under all circumstances.

There are no exceptions for rape or incest. The moment a woman shows up at a hospital with a perforated uterus, indicating that she has had a back-alley abortion, she is shackled to her hospital bed and her body is treated as a crime scene. Forensic doctors soon arrive to examine her womb and cervix. There are women now serving prison sentences thirty years long for terminating their pregnancies. Imagine this, in a country that also stigmatizes the use of contraception as a sin against God. And yet this is precisely the sort of policy one would adopt if one agreed with Mother Teresa's assessment of world suffering. Indeed, the Archbishop of San Salvador actively campaigned for it. His efforts were assisted by Pope John Paul II, who declared, on a visit to Mexico City in 1999, that "the church must proclaim the Gospel of life and speak out with prophetic force against the culture of death. May the continent of hope also be the continent of life!"

Of course, the Church's position on abortion takes no more notice of the details of biology than it does of the reality of human suffering. It has been estimated that 50 percent of all human conceptions end in spontaneous abortion, usually without a woman even realizing that

she was pregnant. In fact, 20 percent of all recognized pregnancies end in miscarriage. There is an obvious truth here that cries out for acknowledgment: if God exists, He is the most prolific abortionist of all.

Are Atheists Evil?

If you are right to believe that religious faith offers the only real basis for morality, then atheists should be less moral than believers. In fact, they should be utterly immoral. Are they? Do members of atheist organizations in the United States commit more than their fair share of violent crimes? Do the members of the National Academy of Sciences, 93 percent of whom reject the idea of God, lie and cheat and steal with abandon? We can be reasonably confident that these groups are at least as well behaved as the general population. And yet, atheists are the most reviled minority in the United States. Polls indicate that being an atheist is a perfect impediment to running for high office in our country (while being black, Muslim, or homosexual is not). Recently, crowds of thousands gathered throughout the Muslim world—burning European embassies, issuing threats, taking hostages, even killing people—in protest over twelve cartoons depicting the Prophet Muhammad that were first published in a Danish newspaper. When was the last atheist riot? Is there a newspaper anywhere on this earth that would hesitate to print cartoons about atheism for fear that its editors would be kidnapped or killed in reprisal?

Christians like yourself invariably declare that monsters like Adolf Hitler, Joseph Stalin, Mao Zedong, Pol Pot, and Kim Il Sung spring from the womb of atheism. While it is true that such men are sometimes enemies of organized religion, they are never especially rational.* In fact, their public pronouncements are often delusional: on subjects as diverse as race, economics, national identity, the march of history, and the moral dangers of intellectualism.

*And Hitler's atheism seems to have been seriously exaggerated:

My feeling as a Christian points me to my Lord and Savior as a fighter. It points me to the man who once in loneliness, surrounded by a few followers, recognized these Jews for what they were and summoned men to fight against them and who, God's truth! was greatest not as a sufferer but as a fighter. In boundless love as a Christian and as a man I read through the passage which tells us how the Lord at last rose in His might and seized the scourge to drive out of the Temple the brood of vipers and adders. How terrific was His fight for the world against the Jewish poison — as a Christian I have also a duty to my own people.

Hitler said this in a speech on April 12, 1922 (Norman H. Baynes, ed. *The Speeches of Adolf Hitler*, April 1922–August 1939. Vol. 1 of 2, pp. 19–20. Oxford University Press, 1942).

The problem with such tyrants is not that they reject the dogma of religion, but that they embrace other life-destroying myths. Most become the center of a quasi-religious personality cult, requiring the continual use of propaganda for its maintenance. There is a difference between propaganda and the honest dissemination of information that we (generally) expect from a liberal democracy. Tyrants who orchestrate genocides, or who happily preside over the starvation of their own people, also tend to be profoundly idiosyncratic men, not champions of reason. Kim Il Sung, for instance, demanded that his beds at his various dwellings be situated precisely five hundred meters above sea level. His duvets had to be filled with the softest down imaginable. What is the softest down imaginable? It apparently comes from the chin of a sparrow. Seven hundred thousand sparrows were required to fill a single duvet. Given the profundity of his esoteric concerns, we might wonder how reasonable a man Kim Il Sung actually was.

Consider the Holocaust: the anti-Semitism that built the Nazi death camps was a direct inheritance from medieval Christianity. For centuries, Christian Europeans had viewed the Jews as the worst species of heretics and attributed every societal ill to their continued presence among the faithful. While the hatred of Jews in Germany expressed itself in a predominately secular way, its roots were religious, and the explicitly religious demonization of the Jews of Europe continued throughout the period. The Vatican itself perpetuated the blood libel in its newspapers as late as 1914.* And both Catholic and Protestant churches have a shameful record of complicity with the Nazi genocide.

*The "blood libel" (with respect to the Jews) consists of the false claim that Jews murder non-Jews in order to obtain their blood for use in religious rituals. This allegation is still widely believed throughout the Muslim world.

Auschwitz, the Soviet gulags, and the killing fields of Cambodia are not examples of what happens to people when they become too reasonable. To the contrary, these horrors testify to the dangers of political and racial dogmatism.

It is time that Christians like yourself stop pretending that a rational rejection of your faith entails the blind embrace of atheism as a dogma. One need not accept anything on insufficient evidence to find the virgin birth of Jesus to be a preposterous idea. The problem with religion—as with Nazism, Stalinism, or any other totalitarian mythology—is the problem of dogma itself. I know of no society in human history that ever suffered because its people became too desirous of evidence in support of their core beliefs.

While you believe that bringing an end to religion is an impossible goal, it is important to realize that much of the developed world has nearly accomplished it. Norway, Iceland, Australia, Canada, Sweden, Switzerland, Belgium, Japan, the Netherlands, Denmark, and the United Kingdom are among the least religious societies on earth. According to the United Nations' Human Development Report (2005) they are also the healthiest, as indicated by life expectancy, adult literacy, per capita income, educational attainment, gender equality, homicide rate, and infant mortality. Insofar as there is a crime problem in Western Europe, it is largely the product of immigration. Seventy percent of the inmates of France's jails, for instance, are Muslim. The Muslims of Western Europe are generally not atheists. Conversely, the fifty nations now ranked lowest in terms of the United Nations' human development index are unwaveringly religious.

Other analyses paint the same picture: the United States is unique among wealthy democracies in its level of religious adherence; it is also uniquely beleaguered by high rates of homicide, abortion, teen pregnancy, sexually transmitted disease, and infant mortality. The same comparison holds true within the United States itself: Southern and Midwestern states, characterized by the highest levels of religious literalism, are especially plagued by the above indicators of societal dysfunction, while the comparatively secular states of the Northeast conform to European norms. While political party affiliation in the United States is not a perfect indicator of religiosity, it is no secret that the "red states" are primarily red because of the overwhelming political influence of conservative Christians.

If there were a strong correlation between Christian conservatism and societal health, we might expect to see some sign of it in red-state America. We don't. Of the twenty-five cities with the lowest rates of violent crime, 62 per-cent are in "blue" states and 38 percent are in "red" states. Of the twenty-five most dangerous cities, 76 percent are in red states, 24 percent in blue states. In fact, three of the five most dangerous cities in the United States are in the pious state of Texas. The twelve states with the highest rates of burglary are red. Twenty four

of the twenty nine states with the highest rates of theft are red. Of the twenty two states with the highest rates of murder, seventeen are red.

Of course, correlational data of this sort do not resolve questions of causality—belief in God may lead to societal dysfunction; societal dysfunction may foster a belief in God; each factor may enable the other; or both may spring from some deeper source of mischief. Leaving aside the issue of cause and effect, however, these statistics prove that atheism is compatible with the basic aspirations of a civil society; they also prove, conclusively, that widespread belief in God does not ensure a society's health.

Countries with high levels of atheism are also the most charitable both in terms of the percentage of their wealth they devote to social welfare programs and the percentage they give in aid to the developing world. The dubious link between Christian literalism and Christian values is belied by other indices of social equality. Consider the ratio of salaries paid to top-tier CEOs and those paid to the same firms' average employees: in Britain it is 24:1; in France, 15:1; in Sweden, 13:1; in the United States, where 80 percent of the population expects to be called before God on Judgment Day, it is 475:1. Many a camel, it would seem, expects to pass easily through the eye of a needle.

Who Puts the Good in the "Good Book"?

Even if a belief in God had a reliable, positive effect upon human behavior, this would not offer a reason to believe in God. One can believe in God only if one thinks that God actually exists. Even if atheism led straight to moral chaos, this would not suggest that the doctrine of Christianity is true. Islam might be true, in that case. Or all religions might function like placebos. As descriptions of the universe, they could be utterly false but, nevertheless, useful. The evidence suggests, however, that they are both false and dangerous.

In talking about the good consequences that your beliefs have on human morality, you are following the example of religious liberals and religious moderates. Rather than say that they believe in God because certain biblical prophecies have come true, or because the miracles recounted in the Gospels are convincing, liberals and moderates tend to talk in terms of the good consequences of believing as they do. Such believers often say that they believe in God because this "gives their lives meaning." When a tsunami killed a few hundred thousand people on the day after Christmas, 2004, many conservative Christians viewed the cataclysm as evidence of God's wrath. God was apparently sending another coded message about the evils of abortion, idolatry, and homosexuality. While I consider this interpretation of events to be utterly repellent, it at least has the virtue of being reasonable, given a certain set of assumptions.

Liberals and moderates, on the other hand, refuse to draw any conclusions whatsoever about God from his works. God remains an absolute mystery, a mere source of consolation that is compatible with the most desolating evil. In the wake of the Asian tsunami, liberals and moderates admonished one another to look for God "not in the power that moved the wave, but in the human response to the wave." I think we can probably agree that it is human benevolence on display—not God's—whenever the bloated bodies of the dead are dragged from the sea. On a day when over one hundred thousand children were simultaneously torn from their mothers' arms and casually drowned, liberal theology must stand revealed for what it is: the sheerest of mortal pretenses. The theology of wrath has far more intellectual merit. If God exists and takes an interest in the affairs of human beings, his will is not inscrutable. The

only thing inscrutable here is that so many otherwise rational men and women can deny the unmitigated horror of these events and think this the height of moral wisdom.

Along with most Christians, you believe that mortals like ourselves cannot reject the morality of the Bible. We cannot say, for instance, that God was wrong to drown most of humanity in the flood of Genesis, because this is merely the way it seems from our limited point of view. And yet, you feel that you are in a position to judge that Jesus is the Son of God, that the Golden Rule is the height of moral wisdom, and that the Bible is not itself brimming with lies. You are using your own moral intuitions to authenticate the wisdom of the Bible—and then, in the next moment, you assert that we human beings cannot possibly rely upon our own intuitions to rightly guide us in the world; rather, we must depend upon the prescriptions of the Bible. You are using your own moral intuitions to decide that the Bible is the appropriate guarantor of your moral intuitions. Your own intuitions are still primary, and your reasoning is circular.

We decide what is good in the Good Book. We read the Golden Rule and judge it to be a brilliant distillation of many of our ethical impulses. And then we come across another of God's teachings on morality: if a man discovers on his wedding night that his bride is not a virgin, he must stone her to death on her father's doorstep (Deuteronomy 22:13-21). If we are civilized, we will reject this as the vilest lunacy imaginable. Doing so requires that we exercise our own moral intuitions. The belief that the Bible is the word of God is of no help to us whatsoever.

The choice before us is simple: we can either have a twenty first century conversation about morality and human well-being—a conversation in which we avail ourselves of all the scientific insights and philosophical arguments that have accumulated in the last two thousand years of human discourse—or we can confine ourselves to a first century conversation as it is preserved in the Bible. Why would anyone want to take the latter approach?

The Goodness of God

Somewhere in the world a man has abducted a little girl. Soon he will rape, torture, and kill her. If an atrocity of this kind is not occurring at precisely this moment, it will happen in a few hours, or days at most. Such is the confidence we can draw from the statistical laws that govern the lives of six billion human beings. The same statistics also suggest that this girl's parents believe—as you believe—that an all-powerful and all-loving God is watching over them and their family. Are they right to believe this? Is it good that they believe this?

No.

The entirety of atheism is contained in this response. Atheism is not a philosophy; it is not even a view of the world; it is simply an admission of the obvious. In fact, "atheism" is a term that should not even exist. No one ever needs to identify himself as a "non-astrologer" or a "non-chemist." We do not have words for people who doubt that Elvis is still alive or that aliens have traversed the galaxy only to molest ranchers and their cattle.

Atheism is nothing more than the noises reasonable people make in the presence of unjustified religious beliefs. An atheist is simply a person who believes that the 260 million Americans (87 percent of the population) claiming to "never doubt the existence of God" should be obliged to present evidence for his existence—and, indeed, for his benevolence,

given the relentless destruction of innocent human beings we witness in the world each day. An atheist is a person who believes that the murder of a single little girl— even once in a million years—casts doubt upon the idea of a benevolent God.

Examples of God's failure to protect humanity are everywhere to be seen. The city of New Orleans, for instance, was recently destroyed by a hurricane. More than a thousand people died; tens of thousands lost all their earthly possessions; and nearly a million were displaced. It is safe to say that almost every person living in New Orleans at the moment Hurricane Katrina struck shared your belief in an omnipotent, omniscient, and compassionate God. But what was God doing while Katrina laid waste to their city? Surely He heard the prayers of those elderly men and women who fled the rising waters for the safety of their attics, only to be slowly drowned there. These were people of faith. These were good men and women who had prayed throughout their lives. Do you have the courage to admit the obvious? These poor people died talking to an imaginary friend.

Of course, there had been ample warning that a storm "of biblical proportions" would strike New Orleans, and the human response to the ensuing disaster was tragically inept. But it was inept only by the light of science. Religion offered no basis for a response at all. Advance warning of Katrina's path was wrested from mute Nature by meteorological calculations and satellite imagery. God told no one of his plans. Had the residents of New Orleans been content to rely on the beneficence of God, they wouldn't have known that a killer hurricane was bearing down upon them until they felt the first gusts of wind on their faces. And yet, as will come as no surprise to you, a poll conducted by The Washington Post found that 80 percent of Katrina's survivors claim that the event has only strengthened their faith in God.

As Hurricane Katrina was devouring New Orleans, nearly a thousand Shiite pilgrims were trampled to death on a bridge in Iraq. These pilgrims believed mightily in the God of the Koran. Indeed, their lives were organized around the indisputable fact of his existence: their women walked veiled before Him; their men regularly murdered one another over rival interpretations of his word. It would be remarkable if a single survivor of this tragedy lost his faith. More likely, the survivors imagine that they were spared through God's grace. It is time we recognized the boundless narcissism and self-deceit of the saved. It is time we acknowledged how disgraceful it is for the survivors of a catastrophe to believe themselves spared by a loving God, while this same God drowned infants in their cribs.

Once you stop swaddling the reality of the world's suffering in religious fantasies, you will feel in your bones just how precious life is—and, indeed, how unfortunate it is that millions of human beings suffer the most harrowing abridgements of their happiness for no good reason at all.

One wonders just how vast and gratuitous a catastrophe would have to be to shake the world's faith. The Holocaust did not do it. Neither did the genocide in Rwanda, even with machete-wielding priests among the perpetrators. Five hundred million people died of small-pox in the twentieth century, many of them infants. God's ways are, indeed, inscrutable. It seems that any fact, no matter how infelicitous, can be rendered compatible with religious faith.

Of course, people of all faiths regularly assure one another that God is not responsible for human suffering. But how else can we understand the claim that God is both omniscient and omnipotent? This is the age-old problem of theodicy, of course, and we should consider it solved. If God exists, either He can do nothing to stop the most egregious calamities, or He

does not care to. God, therefore, is either impotent or evil. You may now be tempted to execute the following pirouette: God cannot be judged by human standards of morality. But we have seen that human standards of morality are precisely what you use to establish God's goodness in the first place. And any God who could concern Himself with something as trivial as gay marriage, or the name by which He is addressed in prayer, is not as inscrutable as all that.

There is another possibility, of course, and it is both the most reasonable and least odious: the biblical God is a fiction, like Zeus and the thousands of other dead gods whom most sane human beings now ignore. Can you prove that Zeus does not exist? Of course not. And yet, just imagine if we lived in a society where people spent tens of billions of dollars of their personal income each year propitiating the gods of Mount Olympus, where the government spent billions more in tax dollars to support institutions devoted to these gods, where untold billions more in tax subsidies were given to pagan temples, where elected officials did their best to impede medical research out of deference to *The Iliad* and *The Odyssey*, and where every debate about public policy was subverted to the whims of ancient authors who wrote well, but who didn't know enough about the nature of reality to keep their excrement out of their food. This would be a horrific misappropriation of our material, moral, and intellectual resources. And yet that is exactly the society we are living in. This is the woefully irrational world that you and your fellow Christians are working so tirelessly to create.

It is terrible that we all die and lose everything we love; it is doubly terrible that so many human beings suffer needlessly while alive. That so much of this suffering can be directly attributed to religion—to religious hatreds, religious wars, religious taboos, and religious diversions of scarce resources—is what makes the honest criticism of religious faith a moral and intellectual necessity. Unfortunately, expressing such criticism places the nonbeliever at the margins of society. By merely being in touch with reality, he appears shamefully out of touch with the fantasy life of his neighbors.

The Power of Prophecy

It is often said that it is reasonable to believe that the Bible is the word of God because many of the events recounted in the New Testament confirm Old Testament prophecy. But ask yourself, how difficult would it have been for the Gospel writers to tell the story of Jesus' life so as to make it conform to Old Testament prophecy? Wouldn't it have been within the power of any mortal to write a book that confirms the predictions of a previous book? In fact, we know on the basis of textual evidence that this is what the Gospel writers did.

The writers of Luke and Matthew, for instance, declare that Mary conceived as a virgin, relying upon the Greek rendering of Isaiah 7:14. The Hebrew text of Isaiah uses the word 'alma, however, which simply means "young woman," without any implication of virginity. It seems all but certain that the dogma of the virgin birth, and much of the Christian world's resulting anxiety about sex, was a product of a mistranslation from the Hebrew. Another strike against the doctrine of the virgin birth is that the other evangelists have not heard of it. Mark and John both appear uncomfortable with accusations of Jesus' illegitimacy, but never mention his miraculous origins. Paul refers to Jesus as being "born of the seed of David according to the flesh" and "born of woman," without referring to Mary's virginity at all.

And the evangelists made other errors of scholarship. Matthew 27:9-10, for instance, claims to fulfill a saying that it attributes to Jeremiah. The saying actually appears in Zechariah 11:12-13.

The Gospels also contradict one another outright. John tells us that Jesus was crucified the day before the Passover meal was eaten; Mark says it happened the day after. In light of such discrepancies, how is it possible for you to believe that the Bible is perfect in all its parts? What do you think of Muslims, Mormons, and Sikhs who ignore similar contradictions in their holy books? They also say things like "the Holy Spirit has an eye only to substance and is not bound by words" (Luther). Does this make you even slightly more likely to accept their scriptures as the perfect word of the creator of the universe?

Christians regularly assert that the Bible predicts future historical events. For instance, Deuteronomy 28:64 says, "And the LORD will scatter you among all peoples, from one end of the earth to the other." Jesus says, in Luke 19:43-44, "For the days shall come upon you, when your enemies will cast up a bank about you and surround you, and hem you in on every side, and dash you to the ground, you and your children within you, and they will not leave one stone upon another in you; because you did not know the time of your visitation." We are meant to believe that these utterances predict the subsequent history of the Jews with such uncanny specificity so as to admit of only a supernatural explanation.

But just imagine how breathtakingly specific a work of prophecy would be, if it were actually the product of omniscience. If the Bible were such a book, it would make perfectly accurate predictions about human events. You would expect it to contain a passage such as "In the latter half of the twentieth century, humankind will develop a globally linked system of computers—the principles of which I set forth in Leviticus—and this system shall be called the Internet." The Bible contains nothing like this. In fact, it does not contain a single sentence that could not have been written by a man or woman living in the first century. This should trouble you.

A book written by an omniscient being could contain a chapter on mathematics that, after two thousand years of continuous use, would still be the richest source of mathematical insight humanity has ever known. Instead, the Bible contains no formal discussion of mathematics and some obvious mathematical errors. In two places, for instance, the Good Book states that the ratio of the circumference of a circle to its diameter is 3:1 (I Kings 7:23-26 and II Chronicles 4:2-5). As an approximation of the constant pi, this is not impressive. The decimal expansion of pi runs to infinity— 3.1415926535 ... —and modern computers now allow us to calculate it to any degree of accuracy we like. But the Egyptians and Babylonians both approximated pi to a few decimal places several centuries before the oldest books of the Bible were written. The Bible offers us an approximation that is terrible even by the standards of the ancient world. As should come as no surprise, the faithful have found ways of rationalizing this; but those rationalizations cannot conceal the obvious deficiency of the Bible as a source of mathematical insight. It is absolutely true to say that if the Greek mathematician Archimedes had written the relevant passages in I Kings and II Chronicles, the text would bear much greater evidence of the author's "omniscience."

Why doesn't the Bible say anything about electricity, or about DNA, or about the actual age and size of the universe? What about a cure for cancer? When we fully understand the biology of cancer, this understanding will be easily summarized in a few pages of text. Why aren't these pages, or anything remotely like them, found in the Bible? Good, pious people are dying horribly from cancer at this very moment, and many of them are children. The Bible is a very big book. God had room to instruct us in great detail about how to keep slaves and sacrifice a wide variety of animals. To one who stands outside the Christian faith, it is utterly astonishing how ordinary a book can be and still be thought the product of omniscience.

The Clash of Science and Religion

While it is now a moral necessity for scientists to speak honestly about the conflict between science and religion, even the National Academy of Sciences has declared the conflict illusory:

At the root of the apparent conflict between some religions and evolution is a misunderstanding of the critical difference between religious and scientific ways of knowing. Religions and science answer different questions about the world. Whether there is a purpose to the universe or a purpose for human existence are not questions for science. Religious and scientific ways of knowing have played, and will continue to play, significant roles in human history.... Science is a way of knowing about the natural world. It is limited to explaining the natural world through natural causes. Science can say nothing about the supernatural. Whether God exists or not is a question about which science is neutral.

This statement is stunning for its lack of candor. Of course, scientists live in perpetual fear of losing public funds, so the NAS may have merely been expressing raw terror of the taxpaying mob. The truth, however, is that the conflict between religion and science is unavoidable. The success of science often comes at the expense of religious dogma; the maintenance of religious dogma always comes at the expense of science. Our religions do not simply talk about "a purpose for human existence." Like science, every religion makes specific claims about the way the world is. These claims purport to be about facts—the creator of the universe can hear (and will occasionally answer) your prayers; the soul enters the zygote at the moment of conception; if you do not believe the right things about God, you will suffer terribly after death. Such claims are intrinsically in conflict with the claims of science, because they are claims made on terrible evidence.

In the broadest sense, "science" (from the Latin *scire*, "to know") represents our best efforts to know what is true about our world. We need not distinguish between "hard" and "soft" science here, or between science and a branch of the humanities like history. It is a historical fact, for instance, that the Japanese bombed Pearl Harbor on December 7, 1941. Consequently, this fact forms part of the worldview of scientific rationality. Given the evidence that attests to this fact, anyone believing that it happened on another date, or that the Egyptians really dropped those bombs, has a lot of explaining to do. The core of science is not controlled experiment or mathematical modeling; it is intellectual honesty. It is time we acknowledged a basic feature of human discourse: when considering the truth of a proposition, one is either engaged in an honest appraisal of the evidence and logical arguments, or one isn't. Religion is the one area of our lives where people imagine that some other standard of intellectual integrity applies.

Consider the recent deliberations of the Roman Catholic Church on the doctrine of limbo. Thirty top theologians from around the world recently met at the Vatican to discuss the question of what happens to babies who die without having undergone the sacred rite of baptism. Since the Middle Ages, Catholics have believed that such babies go to a state of limbo, where they enjoy what St. Thomas Aquinas termed "natural happiness" forever. This was in contrast to the opinion of St. Augustine, who believed that these unlucky infant souls would spend eternity in hell.

Though limbo had no real foundation in scripture, and was never official Church doctrine, it has been a major part of the Catholic tradition for centuries. In 1905, Pope Pius X appeared to fully endorse it: "Children who die without baptism go into limbo, where they do not enjoy

God, but they do not suffer either." Now the great minds of the Church have convened to reconsider the matter.

Can we even conceive of a project more intellectually forlorn than this? Just imagine what these deliberations must be like. Is there the slightest possibility that someone will present evidence indicating the eternal fate of unbaptized children after death? How can any educated person think this anything but a hilarious, terrifying, and unconscionable waste of time? When one considers the fact that this is the very institution that has produced and sheltered an elite army of child molesters, the whole enterprise begins to exude a truly diabolical aura of misspent human energy.

The conflict between science and religion is reducible to a simple fact of human cognition and discourse: either a person has good reasons for what he believes, or he does not. If there were good reasons to believe that Jesus was born of a virgin, or that Muhammad flew to heaven on a winged horse, these beliefs would necessarily form part of our rational description of the universe. Everyone recognizes that to rely upon "faith" to decide specific questions of historical fact is ridiculous—that is, until the conversation turns to the origin of books like the Bible and the Koran, to the resurrection of Jesus, to Muhammad's conversation with the archangel Gabriel, or to any other religious dogma. It is time that we admitted that faith is nothing more than the license religious people give one another to keep believing when reasons fail.

While believing strongly, without evidence, is considered a mark of madness or stupidity in any other area of our lives, faith in God still holds immense prestige in our society. Religion is the one area of our discourse where it is considered noble to pretend to be certain about things no human being could possibly be certain about. It is telling that this aura of nobility extends only to those faiths that still have many subscribers. Anyone caught worshipping Poseidon, even at sea, will be thought insane.*

*Truth be told, I now receive e-mails of protest from people who claim, in all apparent earnestness, to believe that Poseidon and the other gods of Greek mythology are real.

The Fact of Life

All complex life on earth has developed from simpler life forms over billions of years. This is a fact that no longer admits of intelligent dispute. If you doubt that human beings evolved from prior species, you may as well doubt that the sun is a star. Granted, the sun doesn't seem like an ordinary star, but we know that it is a star that just happens to be relatively close to the earth. Imagine your potential for embarrassment if your religious faith rested on the presumption that the sun was not a star at all. Imagine millions of Christians in the United States spending hundreds of millions of dollars each year to battle the godless astronomers and astrophysicists on this point.

Imagine them working passionately to get their unfounded notions about the sun taught in our nation's schools. This is exactly the situation you are now in with respect to evolution.

Christians who doubt the truth of evolution are apt to say things like "Evolution is just a theory, not a fact." Such statements betray a serious misunderstanding of the way the term "theory" is used in scientific discourse. In science, facts must be explained with reference to other facts. These larger explanatory models are "theories." Theories make predictions and can, in principle, be tested. The phrase "the theory of evolution" does not in the least suggest

that evolution is not a fact. One can speak about "the germ theory of disease" or "the theory of gravitation" without casting doubt upon disease or gravity as facts of nature.

It is also worth noting that one can obtain a Ph.D. in any branch of science for no other purpose than to make cynical use of scientific language in an effort to rationalize the glaring inadequacies of the Bible. A handful of Christians appear to have done this; some have even obtained their degrees from reputable universities. No doubt, others will follow in their footsteps. While such people are technically "scientists," they are not behaving like scientists. They simply are not engaged in an honest inquiry into the nature of the universe. And their proclamations about God and the failures of Darwinism do not in the least signify that there is a legitimate scientific controversy about evolution. In 2005, a survey was conducted in thirty four countries measuring the percentage of adults who accept evolution. The United States ranked thirty third, just above Turkey. Meanwhile, high school students in the United States test below those of every European and Asian nation in their understanding of science and math. These data are unequivocal: we are building a civilization of ignorance.

Here is what we know. We know that the universe is far older than the Bible suggests. We know that all complex organisms on earth, including ourselves, evolved from earlier organisms over the course of billions of years. The evidence for this is utterly overwhelming. There is no question that the diverse life we see around us is the expression of a genetic code written in the molecule DNA, that DNA undergoes chance mutations, and that some mutations increase an organism's odds of surviving and reproducing in a given environment. This process of mutation and natural selection has allowed isolated populations of individuals to interbreed and, over vast stretches of time, form new species.

There is no question that human beings evolved from nonhuman ancestors in this way. We know, from genetic evidence, that we share an ancestor with apes and monkeys, and that this ancestor in turn shared an ancestor with the bats and the flying lemurs. There is a widely branching tree of life whose basic shape and character is now very well understood. Consequently, there is no reason whatsoever to believe that individual species were created in their present forms. How the process of evolution got started is still a mystery, but that does not in the least suggest that a deity is likely to be lurking at the bottom of it all. Any honest reading of the biblical account of creation suggests that God created all animals and plants as we now see them. There is no question that the Bible is wrong about this. Many Christians who want to cast doubt upon the truth of evolution now advocate something called intelligent design (ID). The problem with ID is that it is nothing more than a program of political and religious advocacy masquerading as science. Since a belief in the biblical God finds no support in our growing scientific understanding of the world, ID theorists invariably stake their claim on the areas of scientific ignorance.

The argument for ID has proceeded on many fronts at once. Like countless theists before them, fanciers of ID regularly argue that the very fact that the universe exists proves the existence of God. The argument runs more or less like this: everything that exists has a cause; space and time exist; space and time must, therefore, have been caused by something that stands outside of space and time; and the only thing that transcends space and time, and yet retains the power to create, is God. Many Christians like yourself find this argument compelling. And yet, even if we granted its primary claims (each of which requires much more discussion than ID theorists ever acknowledge), the final conclusion does not follow. Who is to say that the only thing that could give rise to space and time is a supreme being? Even if we accepted that our universe simply had to be designed by a designer, this would not suggest that this designer is the biblical God, or that He approves of Christianity. If intelligently

designed, our universe could be running as a simulation on an alien supercomputer. Or it could be the work of an evil God, or of two such gods playing tug-of-war with a larger cosmos.

As many critics of religion have pointed out, the notion of a creator poses an immediate problem of an infinite regress. If God created the universe, what created God? To say that God, by definition, is uncreated simply begs the question. Any being capable of creating a complex world promises to be very complex himself. As the biologist Richard Dawkins has observed repeatedly, the only natural process we know of that could produce a being capable of designing things is evolution.

The truth is that no one knows how or why the universe came into being. It is not clear that we can even speak coherently about the creation of the universe, given that such an event can be conceived only with reference to time, and here we are talking about the birth of space-time itself.*

*The physicist Stephen Hawking, for instance, pictures space-time as a four dimensional, closed manifold, without beginning or end (much like the surface of a sphere).

Any intellectually honest person will admit that he does not know why the universe exists. Scientists, of course, readily admit their ignorance on this point. Religious believers do not. One of the monumental ironies of religious discourse can be appreciated in the frequency with which people of faith praise themselves for their humility, while condemning scientists and other non-believers for their intellectual arrogance. There is, in fact, no worldview more reprehensible in its arrogance than that of a religious believer: the creator of the universe takes an interest in me, approves of me, loves me, and will reward me after death; my current beliefs, drawn from scripture, will remain the best statement of the truth until the end of the world; everyone who disagrees with me will spend eternity in hell. ...

An average Christian, in an average church, listening to an average Sunday sermon has achieved a level of arrogance simply unimaginable in scientific discourse—and there have been some extraordinarily arrogant scientists.

Over 99 percent of the species that ever walked, flew, or slithered upon this earth are now extinct. This fact alone appears to rule out intelligent design. When we look at the natural world, we see extraordinary complexity, but we do not see optimal design. We see redundancy, regressions, and unnecessary complications; we see bewildering inefficiencies that result in suffering and death. We see flightless birds and snakes with pelvises. We see species of fish, salamanders, and crustaceans that have nonfunctional eyes, because they continued to evolve in darkness for millions of years. We see whales that produce teeth during fetal development, only to reabsorb them as adults. Such features of our world are utterly mysterious if God created all species of life on earth "intelligently"; none of them are perplexing in light of evolution.

The biologist J. B. S. Haldane is reported to have said that, if there is a God, He has "an inordinate fondness for beetles." One would have hoped that an observation this devastating would have closed the book on creationism for all time. The truth is that, while there are now around three hundred and fifty thousand known species of beetles, God appears to have an even greater fondness for viruses. Biologists estimate that there are at least ten strains of virus for every species of animal on earth. Many viruses are benign, of course, and some ancient virus may have played an important role in the emergence of complex organisms. But viruses tend to use organisms like you and me as their borrowed genitalia. Many of them invade our

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