

Ayer Language. Truth & Logic

Chapter 6

Critique Of Ethics And Theology

There is still one objection to be met before we can claim to have justified our view that all synthetic propositions are empirical hypotheses. This objection is based on the common supposition that our speculative knowledge is of two distinct kinds - that which relates to questions of empirical fact, and that which relates to questions of value. It will be said that 'statements of value' are genuine synthetic propositions, but that they cannot with any show of justice be represented as hypotheses, which are used to predict the course of our sensations; and, accordingly, that the existence of ethics and aesthetics as branches of speculative knowledge presents an insuperable objection to our radical empiricist thesis.

In face of this objection, it is our business to give an account of 'judgements of value' which is both satisfactory in itself and consistent with our general empiricist principles. We shall set ourselves to show that in so far as statements of value are significant, they are ordinary 'scientific' statements; and that in so far as they are not scientific, they are not in the literal sense significant, but are simply expressions of emotion which can be neither true nor false. In maintaining this view, we may confine ourselves for the present to the case of ethical statements. What is said about them will be found to apply, *mutatis mutandis*, to the case of aesthetic statements also.¹

The ordinary system of ethics, as elaborated in the works of ethical philosophers, is very far from being a homogeneous whole. Not only is it apt to contain pieces of metaphysics, and analyses of non-ethical concepts : its actual ethical contents are themselves of very different kinds. We may divide

¹The argument that follows should be read in conjunction with the Introduction, pp. 25-8.

them, indeed, into four main classes. There are, first of all, propositions which express definitions of ethical terms, or judgements about the legitimacy or possibility of certain definitions. Secondly, there are propositions describing the phenomena of moral experience, and their causes. Thirdly, there are exhortations to moral virtue. And, lastly, there are actual ethical judgements. It is unfortunately the case that the distinction between these four classes, plain as it is, is commonly ignored by ethical philosophers; with the result that it is often very difficult to tell from their works what it is that they are seeking to discover or prove.

In fact, it is easy to see that only the first of our four classes, namely that which comprises the propositions relating to the definitions of ethical terms, can be said to constitute ethical philosophy. The propositions which describe the phenomena of moral experience, and their causes, must be assigned to the science of psychology, or sociology. The exhortations to moral virtue are not propositions at all, but ejaculations or commands which are designed to provoke the reader to action of a certain sort. Accordingly, they do not belong to any branch of philosophy or science. As for the expressions of ethical judgements, we have not yet determined how they should be classified. But inasmuch as they are certainly neither definitions nor comments upon definitions, nor quotations, we may say decisively that they do not belong to ethical philosophy. A strictly philosophical treatise on ethics should therefore make no ethical pronouncements. But it should, by giving an analysis of ethical terms, show what is the category to which all such pronouncements belong. And this is what we are now about to do.

A question which is often discussed by ethical philosophers is whether it is possible to find definitions which would reduce all ethical terms to one or two fundamental terms. But this question, though it undeniably belongs to ethical philosophy, is not relevant to our present inquiry. We are not now concerned to discover which term, within the sphere of ethical terms, is to be taken as fundamental; whether, for example, 'good' can be defined in terms of 'right' or 'right' in terms of 'good', or both in terms of 'value'. What we are interested in is the possibility of reducing the whole sphere of ethical terms to non-ethical terms. We are inquiring whether statements of ethical value can be translated into statements of empirical fact.

That they can be so translated is the contention of those ethical philosophers who are commonly called subjectivists, and of those who are known as utilitarians. For the utilitarian defines the lightness of actions, and the goodness of ends, in terms of the pleasure, or happiness, or satisfaction, to which they give rise; the subjectivist, in terms of the feelings of approval which a certain person, or group of people, has towards them. Each of these types of definition makes moral judgements into a sub-class of psychological or sociological judgements; and for this reason they are very attractive to us. For, if either was correct, it would follow that ethical assertions

were not genetically different from the factual assertions which are ordinarily contrasted with them; and the account which we have already given of empirical hypotheses would apply to them also.

Nevertheless we shall not adopt either a subjectivist or a utilitarian analysis of ethical terms. We reject the subjectivist view that to call an action right, or a thing good, is to say that it is generally approved of. because it is not self-contradictory to assert that some actions which are generally approved of are not right, or that some things which are generally approved of are not good. And we reject the alternative subjectivist view that a man who asserts that a certain action is right, or that a certain thing is good, is saying that he himself approves of it, on the ground that a man who confessed that he sometimes approved of what was bad or wrong would not be contradicting himself. And a similar argument is fatal to utilitarianism. We cannot agree that to call an action right is to say that of all the actions possible in the circumstances it would cause, or be likely to cause, the greatest happiness, or the greatest balance of pleasure over pain, or the greatest balance of satisfied over unsatisfied desire, because we find that it is not self-contradictory to say that it is sometimes wrong to perform the action which would actually or probably cause the greatest happiness, or the greatest balance of pleasure over pain, or of satisfied over unsatisfied desire. And since it is not self-contradictory to say that some pleasant things are not good, or that some bad things are desired, it cannot be the case that the sentence 'x is good' is equivalent to 'x is pleasant', or to 'x is desired'. And to every other variant of utilitarianism with which I am acquainted the same objection can be made. And therefore we should. I think, conclude that the validity of ethical judgements is not determined by the felicitic tendencies of actions, any more than by the nature of people's feelings; but that it must be regarded as 'absolute' or 'intrinsic', and not empirically calculable.

If we say this, we are not, of course, denying that it is possible to invent a language in which all ethical symbols are definable in non-ethical terms, or even that it is desirable to invent such a language and adopt it in place of our own; what we are denying is that the suggested reduction of ethical to non-ethical statements is consistent with the conventions of our actual language. That is, we reject utilitarianism and subjectivism, not as proposals to replace our existing ethical notions by new ones, but as analyses of our existing ethical notions. Our contention is simply that, in our language, sentences which contain normative ethical symbols are not equivalent to sentences which express psychological propositions, or indeed empirical propositions of any kind.

It is advisable here to make it plain that it is only normative ethical symbols, and not descriptive ethical symbols, that are held by us to be indefinable in factual terms. There is a danger of confusing these two types of

symbols, because they are commonly constituted by signs of the same sensible form. Thus a complex sign of the form 'x is wrong' may constitute a sentence which expresses a moral judgement concerning a certain type of conduct, or it may constitute a sentence which states that a certain type of conduct is repugnant to the moral sense of a particular society. In the latter case, the symbol 'wrong' is a descriptive ethical symbol, and the sentence in which it occurs expresses an ordinary sociological proposition; in the former case, the symbol 'wrong' is a normative ethical symbol, and the sentence in which it occurs does not, we maintain, express an empirical proposition at all. It is only with normative ethics that we are at present concerned; so that whenever ethical symbols are used in the course of this argument without qualification, they are always to be interpreted as symbols of the normative type.

In admitting that normative ethical concepts are irreducible to empirical concepts, we seem to be leaving the way clear for the 'absolutist' view of ethics—that is, the view that statements of value are not controlled by observation, as ordinary empirical propositions are, but only by a mysterious 'intellectual intuition'. A feature of this theory, which is seldom recognized by its advocates, is that it makes statements of value unverifiable. For it is notorious that what seems intuitively certain to one person may seem doubtful, or even false, to another. So that unless it is possible to provide some criterion by which one may decide between conflicting intuitions, a mere appeal to intuition is worthless as a test of a proposition's validity. But in the case of moral judgements no such criterion can be given. Some moralists claim to settle the matter by saying that they 'know' that their own moral judgements are correct. But such an assertion is of purely psychological interest, and has not the slightest tendency to prove the validity of any moral judgement. For dissentient moralists may equally well 'know' that their ethical views are correct. And, as far as subjective certainty goes, there will be nothing to choose between them. When such differences of opinion arise in connexion with an ordinary empirical proposition, one may attempt to resolve them by referring to, or actually carrying out, some relevant empirical test. But with regard to ethical statements, there is, on the 'absolutist' or 'intuitionist' theory, no relevant empirical test. We are therefore justified in saying that on this theory ethical statements are held to be unverifiable. They are, of course, also held to be genuine synthetic propositions.

Considering the use which we have made of the principle that a synthetic proposition is significant only if it is empirically verifiable, it is clear that the acceptance of an 'absolutist' theory of ethics would undermine the whole of our main argument. And as we have already rejected the 'naturalistic' theories which are commonly supposed to provide the only alternative to 'absolutism' in ethics, we seem to have reached a difficult position. We shall meet the difficulty by showing that the correct treatment of ethical

statements is afforded by a third theory, which is wholly compatible with our radical empiricism.

We begin by admitting that the fundamental ethical concepts are unanalysable, inasmuch as there is no criterion by which one can test the validity of the judgements in which they occur. So far we are in agreement with the absolutists. But, unlike the absolutists, we are able to give an explanation of this fact about ethical concepts. We say that the reason why they are unanalysable is that they are mere pseudo-concepts. The presence of an ethical symbol in a proposition adds nothing to its factual content. Thus if I say to someone, 'You acted wrongly in stealing that money,' I am not stating anything more than if I had simply said, 'You stole that money.' In adding that this action is wrong I am not making any further statement about it. I am simply evincing my moral disapproval of it. It is as if I had said, 'You stole that money,' in a peculiar tone of horror, or written it with the addition of some special exclamation marks. The tone, or the exclamation marks, adds nothing to the literal meaning of the sentence. It merely serves to show that the expression of it is attended by certain feelings in the speaker.

If now I generalize my previous statement and say, 'Stealing money is wrong,' I produce a sentence which has no factual meaning—that is, expresses no proposition which can be either true or false. It is as if I had written 'Stealing money!!' - where the shape and thickness of the exclamation marks show, by a suitable convention, that a special sort of moral disapproval is the feeling which is being expressed. It is clear that there is nothing said here which can be true or false. Another man may disagree with me about the wrongness of stealing, in the sense that he may not have the same feelings about stealing as I have, and he may quarrel with me on account of my moral sentiments. But he cannot, strictly speaking, contradict me. For in saying that a certain type of action is right or wrong, I am not making any factual statement, not even a statement about my own state of mind. I am merely expressing certain moral sentiments. And the man who is ostensibly contradicting me is merely expressing his moral sentiments. So that there is plainly no sense in asking which of us is in the right. For neither of us is asserting a genuine proposition.

What we have just been saying about the symbol 'wrong' applies to all normative ethical symbols. Sometimes they occur in sentences which record ordinary empirical facts besides expressing ethical feeling about those facts: sometimes they occur in sentences which simply express ethical feeling about a certain type of action, or situation, without making any statement of fact. But in every case in which one would commonly be said to be making an ethical judgement, the function of the relevant ethical word is purely 'emotive'. It is used to express feeling about certain objects, but not to make any assertion about them.

It is worth mentioning that ethical terms do not serve only to express feeling. They are calculated also to arouse feeling, and so to stimulate action. Indeed some of them are used in such a way as to give the sentences in which they occur the effect of commands. Thus the sentence 'It is your duty to tell the truth' may be regarded both as the expression of a certain sort of ethical feeling about truthfulness and as the expression of the command 'Tell the truth.' The sentence 'You ought to tell the truth' also involves the command 'Tell the truth', but here the tone of the command is less emphatic. In the sentence 'It is good to tell the truth' the command has become little more than a suggestion. And thus the 'meaning' of the word 'good', in its ethical usage, is differentiated from that of the word 'duty' or the word 'ought'. In fact we may define the meaning of the various ethical words in terms both of the different feelings they are ordinarily taken to express, and also the different responses which they are calculated to provoke.

We can now see why it is impossible to find a criterion for determining the validity of ethical judgements. It is not because they have an 'absolute' validity which is mysteriously independent of ordinary sense-experience, but because they have no objective validity whatsoever. If a sentence makes no statement at all, there is obviously no sense in asking whether what it says is true or false. And we have seen that sentences which simply express moral judgements do not say anything. They are pure expressions of feeling and as such do not come under the category of truth and falsehood. They are unverifiable for the same reason as a cry of pain or a word of command is unverifiable—because they do not express genuine propositions.

Thus, although our theory of ethics might fairly be said to be radically subjectivist, it differs in a very important respect from the orthodox subjectivist theory. For the orthodox subjectivist does not deny, as we do, that the sentences of a moralizer express genuine propositions. All he denies is that they express propositions of a unique nonempirical character. His own view is that they express propositions about the speaker's feelings. If this were so, ethical judgements clearly would be capable of being true or false. They would be true if the speaker had the relevant feelings, and false if he had not. And this is a matter which is, in principle, empirically verifiable. Furthermore they could be significantly contradicted. For if I say, 'Tolerance is a virtue,' and someone answers, 'You don't approve of it,' he would, on the ordinary subjectivist theory, be contradicting me. On our theory, he would not be contradicting me. because, in saying that tolerance was a virtue, I should not be making any statement about my own feelings or about anything else. I should simply be evincing my feelings, which is not at all the same thing as saying that I have them.

The distinction between the expression of feeling and the assertion of feeling is complicated by the fact that the assertion that one has a certain feeling often accompanies the expression of that feeling, and is then, indeed, a factor in the expression of that feeling. Thus I may simultaneously

express boredom and say that I am bored, and in that case my utterance of the words 'I am bored' is one of the circumstances which make it true to say that I am expressing or evincing boredom. But I can express boredom without actually saying that I am bored. I can express it by my tone and gestures, while making a statement about something wholly unconnected with it, or by an ejaculation, or without uttering any words at all. So that even if the assertion that one has a certain feeling always involves the expression of that feeling, the expression of a feeling assuredly does not always involve the assertion that one has it. And this is the important point to grasp in considering the distinction between our theory and the ordinary subjectivist theory. For whereas the subjectivist holds that ethical statements actually assert the existence of certain feelings, we hold that ethical statements are expressions and excitants of feeling which do not necessarily involve any assertions.

We have already remarked that the main objection to the ordinary subjectivist theory is that the validity of ethical judgements is not determined by the nature of their author's feelings. And this is an objection which our theory escapes. For it does not imply that the existence of any feelings is a necessary and sufficient condition of the validity of an ethical judgement. It implies, on the contrary, that ethical judgements have no validity.

There is, however, a celebrated argument against subjectivist theories which our theory does not escape. It has been pointed out by Moore that if ethical statements were simply statements about the speaker's feelings, it would be impossible to argue about questions of value.² To take a typical example: if a man said that thrift was a virtue, and another replied that it was a vice, they would not, on this theory, be disputing with one another. One would be saying that he approved of thrift, and the other that he didn't; and there is no reason why both these statements should not be true. Now Moore held it to be obvious that we do dispute about questions of value, and accordingly concluded that the particular form of subjectivism which he was discussing was false.

It is plain that the conclusion that it is impossible to dispute about questions of value follows from our theory also. For as we hold that such sentences as 'Thrift is a virtue' and 'Thrift is a vice' do not express propositions at all, we clearly cannot hold that they express incompatible propositions. We must therefore admit that if Moore's argument really refutes the ordinary subjectivist theory, it also refutes ours. But, in fact, we deny that it does refute even the ordinary subjectivist theory. For we hold that one really never does dispute about questions of value.

This may seem, at first sight, to be a very paradoxical assertion. For we certainly do engage in disputes which are ordinarily regarded as disputes

²cf. *Philosophical Studies*, 'The Nature of Moral Philosophy'.

about questions of value. But, in all such cases, we find, if we consider the matter closely, that the dispute is not really about a question of value, but about a question of fact. When someone disagrees with us about the moral value of a certain action or type of action, we do admittedly resort to argument in order to win him over to our way of thinking. But we do not attempt to show by our arguments that he has the 'wrong' ethical feeling towards a situation whose nature he has correctly apprehended. What we attempt to show is that he is mistaken about the facts of the case. We argue that he has misconceived the agent's motive: or that he has misjudged the effects of the action, or its probable effects in view of the agent's knowledge; or that he has failed to take into account the special circumstances in which the agent was placed. Or else we employ more general arguments about the effects which actions of a certain type tend to produce, or the qualities which are usually manifested in their performance. We do this in the hope that we have only to get our opponent to agree with us about the nature of the empirical facts for him to adopt the same moral attitude towards them as we do. And as the people with whom we argue have generally received the same moral education as ourselves, and live in the same social order, our expectation is usually justified. But if our opponent happens to have undergone a different process of moral 'conditioning' from ourselves, so that, even when he acknowledges all the facts, he still disagrees with us about the moral value of the actions under discussion, then we abandon the attempt to convince him by argument. We say that it is impossible to argue with him because he has a distorted or undeveloped moral sense; which signifies merely that he employs a different set of values from our own. We feel that our own system of values is superior, and therefore speak in such derogatory terms of his. But we cannot bring forward any arguments to show that our system is superior. For our judgement that it is so is itself a judgement of value, and accordingly outside the scope of argument. It is because argument fails us when we come to deal with pure questions of value, as distinct from questions of fact, that we finally resort to mere abuse.

In short, we find that argument is possible on moral questions only if some system of values is presupposed. If our opponent concurs with us in expressing moral disapproval of all actions of a given type C, then we may get him to condemn a particular action A, by bringing forward arguments to show that A is of type t. For the question whether A does or does not belong to that type is a plain question of fact. Given that a man has certain moral principles, we argue that he must, in order to be consistent, react morally to certain things in a certain way. What we do not and cannot argue about is the validity of these moral principles. We merely praise or condemn them in the light of our own feelings.

If anyone doubts the accuracy of this account of moral disputes, let him try to construct even an imaginary argument on a question of value which

does not reduce itself to an argument about a question of logic or about an empirical matter of fact. I am confident that he will not succeed in producing a single example. And if that is the case, he must allow that its involving the impossibility of purely ethical arguments is not, as Moore thought, a ground of objection to our theory, but rather a point in favour of it.

Having upheld our theory against the only criticism which appeared to threaten it, we may now use it to define the nature of all ethical inquiries. We find that ethical philosophy consists simply in saying that ethical concepts are pseudo-concepts and therefore unanalysable. The further task of describing the different feelings that the different ethical terms are used to express, and the different reactions that they customarily provoke, is a task for the psychologist. There cannot be such a thing as ethical science, if by ethical science one means the elaboration of a 'true' system of morals. For we have seen that, as ethical judgements are mere expressions of feeling, there can be no way of determining the validity of any ethical system. and, indeed, no sense in asking whether any such system is true. All that one may legitimately inquire in this connexion is, What are the moral habits of a given person or group of people, and what causes them to have precisely those habits and feelings? And this inquiry falls wholly within the scope of the existing social sciences.

It appears, then, that ethics, as a branch of knowledge, is nothing more than a department of psychology and sociology. And in case anyone thinks that we are overlooking the existence of casuistry, we may remark that casuistry is not a science, but is a purely analytical investigation of the structure of a given moral system. In other words, it is an exercise in formal logic.

When one comes to pursue the psychological inquiries which constitute ethical science, one is immediately enabled to account for the Kantian and hedonistic theories of morals. For one finds that one of the chief causes of moral behaviour is fear, both conscious and unconscious, of a god's displeasure, and fear of the enmity of society. And this, indeed, is the reason why moral precepts present themselves to some people as 'categorical' commands. And one finds, also, that the moral code of a society is partly determined by the beliefs of that society concerning the conditions of its own happiness—or, in other words, that a society tends to encourage or discourage a given type of conduct by the use of moral sanctions according as it appears to promote or detract from the contentment of the society as a whole. And this is the reason why altruism is recommended in most moral codes and egotism condemned. It is from the observation of this connexion between morality and happiness that hedonistic or eudaemonistic theories of morals ultimately spring, just as the moral theory of Kant is based on the fact, previously explained, that moral precepts have for some people the force of inexorable commands. As each of these theories ignores the fact

which lies at the root of the other, both may be criticized as being one-sided; but this is not the main objection to either of them. Their essential defect is that they treat propositions which refer to the causes and attributes of our ethical feelings as if they were definitions of ethical concepts. And thus they fail to recognize that ethical concepts are pseudo-concepts and consequently indefinable.

As we have already said, our conclusions about the nature of ethics apply to aesthetics also. Aesthetic terms are used in exactly the same way as ethical terms. Such aesthetic words as 'beautiful' and 'hideous' are employed, as ethical words are employed, not to make statements of fact, but simply to express certain feelings and evoke a certain response. It follows, as in ethics, that there is no sense in attributing objective validity to aesthetic judgements, and no possibility of arguing about questions of value in aesthetics, but only about questions of fact. A scientific treatment of aesthetics would show us what in general were the causes of aesthetic feeling, why various societies produced and admired the works of art they did, why taste varies as it does within a given society, and so forth. And these are ordinary psychological or sociological questions. They have, of course, little or nothing to do with aesthetic criticism as we understand it. But that is because the purpose of aesthetic criticism is not so much to give knowledge as to communicate emotion. The critic, by calling attention to certain features of the work under review, and expressing his own feelings about them, endeavours to make us share his attitude towards the work as a whole. The only relevant propositions that he formulates are propositions describing the nature of the work. And these are plain records of fact. We conclude, therefore, that there is nothing in aesthetics, any more than there is in ethics, to justify the view that it embodies a unique type of knowledge.

It should now be clear that the only information which we can legitimately derive from the study of our aesthetic and moral experiences is information about our own mental and physical make-up. We take note of these experiences as providing data for our psychological and sociological generalizations. And this is the only way in which they serve to increase our knowledge. It follows that any attempt to make our use of ethical and aesthetic concepts the basis of a metaphysical theory concerning the existence of a world of values, as distinct from the world of facts, involves a false analysis of these concepts. Our own analysis has shown that the phenomena of moral experience cannot fairly be used to support any rationalist or metaphysical doctrine whatsoever. In particular, they cannot, as Kant hoped, be used to establish the existence of a transcendent god.

This mention of God brings us to the question of the possibility of religious knowledge. We shall see that this possibility has already been ruled out by our treatment of metaphysics. But, as this is a point of considerable interest, we may be permitted to discuss it at some length.

It is now generally admitted, at any rate by philosophers, that the existence of a being having the attributes which define the god of any non-animistic religion cannot be demonstratively proved. To see that this is so, we have only to ask ourselves what are the premises from which the existence of such a god could be deduced. If the conclusion that a god exists is to be demonstratively certain, then these premises must be certain; for, as the conclusion of a deductive argument is already contained in the premises, any uncertainty there may be about the truth of the premises is necessarily shared by it. But we know that no empirical proposition can ever be anything more than probable. It is only *a priori* propositions that are logically certain. But we cannot deduce the existence of a god from an *a priori* proposition. For we know that the reason why *a priori* propositions are certain is that they are tautologies. And from a set of tautologies nothing but a further tautology can be validly deduced. It follows that there is no possibility of demonstrating the existence of a god.

What is not so generally recognized is that there can be no way of proving that the existence of a god, such as the God of Christianity, is even probable. Yet this also is easily shown. For if the existence of such a god were probable, then the proposition that he existed would be an empirical hypothesis. And in that case it would be possible to deduce from it, and other empirical hypotheses, certain experiential propositions which were not deducible from those other hypotheses alone. But in fact this is not possible. It is sometimes claimed, indeed, that the existence of a certain sort of regularity in nature constitutes sufficient evidence for the existence of a god. But if the sentence 'God exists' entails no more than that certain types of phenomena occur in certain sequences, then to assert the existence of a god will be simply equivalent to asserting that there is the requisite regularity in nature; and no religious man would admit that this was all he intended to assert in asserting the existence of a god. He would say that in talking about God he was talking about a transcendent being who might be known through certain empirical manifestations, but certainly could not be defined in terms of those manifestations. But in that case the term 'god' is a metaphysical term. And if 'god' is a metaphysical term, then it cannot be even probable that a god exists. For to say that 'God exists' is to make a metaphysical utterance which cannot be either true or false. And by the same criterion, no sentence which purports to describe the nature of a transcendent god can possess any literal significance.

It is important not to confuse this view of religious assertions with the view that is adopted by atheists, or agnostics.³ For it is characteristic of an agnostic to hold that the existence of a god is a possibility in which there is no good reason either to believe or disbelieve; and it is characteristic of an atheist to hold that it is at least probable that no god exists. And our view

³This point was suggested to me by Professor H. H. Price.

that all utterances about the nature of God are nonsensical, so far from being identical with, or even lending any support to, either of these familiar contentions, is actually incompatible with them. For if the assertion that there is a god is nonsensical, then the atheist's assertion that there is no god is equally nonsensical, since it is only a significant proposition that can be significantly contradicted. As for the agnostic, although he refrains from saying either that there is or that there is not a god, he does not deny that the question whether a transcendent god exists is a genuine question. He does not deny that the two sentences 'There is a transcendent god' and 'There is no transcendent god' express propositions one of which is actually true and the other false. All he says is that we have no means of telling which of them is true, and therefore ought not to commit ourselves to either. But we have seen that the sentences in question do not express propositions at all. And this means that agnosticism also is ruled out.

Thus we offer the theist the same comfort as we gave to the moralist. His assertions cannot possibly be valid, but they cannot be invalid either. As he says nothing at all about the world, he cannot justly be accused of saying anything false, or anything for which he has insufficient grounds. It is only when the theist claims that in asserting the existence of a transcendent god he is expressing a genuine proposition that we are entitled to disagree with him.

It is to be remarked that in cases where deities are identified with natural objects, assertions concerning them may be allowed to be significant. If, for example, a man tells me that the occurrence of thunder is alone both necessary and sufficient to establish the truth of the proposition that Jehovah is angry, I may conclude that, in his usage of words, the sentence 'Jehovah is angry' is equivalent to 'It is thundering.' But in sophisticated religions, though they may be to some extent based on men's awe of natural processes which they cannot sufficiently understand, the 'person' who is supposed to control the empirical world is not himself located in it; he is held to be superior to the empirical world, and so outside it; and he is endowed with super-empirical attributes. But the notion of a person whose essential attributes are non-empirical is not an intelligible notion at all. We may have a word which is used as if it named this 'person', but, unless the sentences in which it occurs express propositions which are empirically verifiable, it cannot be said to symbolize anything. And this is the case with regard to the word 'god', in the usage in which it is intended to refer to a transcendent object. The mere existence of the noun is enough to foster the illusion that there is a real, or at any rate a possible entity corresponding to it. It is only when we inquire what God's attributes are that we discover that 'God', in this usage, is not a genuine name.

It is common to find belief in a transcendent god conjoined with belief in an after-life. But, in the form which it usually takes, the content of this belief is

not a genuine hypothesis. To say that men do not ever die, or that the state of death is merely a state of prolonged insensibility, is indeed to express a significant proposition, though all the available evidence goes to show that it is false. But to say that there is something imperceptible inside a man, which is his soul or his real self, and that it goes on living after he is dead, is to make a metaphysical assertion which has no more factual content than the assertion that there is a transcendent god.

It is worth mentioning that, according to the account which we have given of religious assertions, there is no logical ground for antagonism between religion and natural science. As far as the question of truth or falsehood is concerned, there is no opposition between the natural scientist and the theist who believes in a transcendent god. For since the religious utterances of the theist are not genuine propositions at all, they cannot stand in any logical relation to the propositions of science. Such antagonism as there is between religion and science appears to consist in the fact that science takes away one of the motives which make men religious. For it is acknowledged that one of the ultimate sources of religious feeling lies in the inability of men to determine their own destiny; and science tends to destroy the feeling of awe with which men regard an alien world, by making them believe that they can understand and anticipate the course of natural phenomena, and even to some extent control it. The fact that it has recently become fashionable for physicists themselves to be sympathetic towards religion is a point in favour of this hypothesis. For this sympathy towards religion marks the physicists' own lack of confidence in the validity of their hypotheses, which is a reaction on their part from the anti-religious dogmatism of nineteenth-century scientists, and a natural outcome of the crisis through which physics has just passed.

It is not within the scope of this inquiry to enter more deeply into the causes of religious feeling, or to discuss the probability of the continuance of religious belief. We are concerned only to answer those questions which arise out of our discussion of the possibility of religious knowledge. The point which we wish to establish is that there cannot be any transcendent truths of religion. For the sentences which the theist uses to express such 'truths' are not literally significant.

An interesting feature of this conclusion is that it accords with what many theists are accustomed to say themselves. For we are often told that the nature of God is a mystery which transcends the human understanding. But to say that something transcends the human understanding is to say that it is unintelligible. And what is unintelligible cannot significantly be described. Again, we are told that God is not an object of reason but an object of faith. This may be nothing more than an admission that the existence of God must be taken on trust, since it cannot be proved. But it may also be an assertion that God is the object of a purely mystical intuition, and cannot therefore be defined in terms which are intelligible to the reason. And I

think there are many theists who would assert this. But if one allows that it is impossible to define God in intelligible terms, then one is allowing that it is impossible for a sentence both to be significant and to be about God. If a mystic admits that the object of his vision is something which cannot be described, then he must also admit that he is bound to talk nonsense when he describes it.

For his part, the mystic may protest that his intuition does reveal truths to him, even though he cannot explain to others what these truths are; and that we who do not possess this faculty of intuition can have no ground for denying that it is a cognitive faculty. For we can hardly maintain *a priori* that there are no ways of discovering true propositions except those which we ourselves employ. The answer is that we set no limit to the number of ways in which one may come to formulate a true proposition. We do not in any way deny that a synthetic truth may be discovered by purely intuitive methods as well as by the rational method of induction. But we do say that every synthetic proposition, however it may have been arrived at, must be subject to the test of actual experience. We do not deny *a priori* that the mystic is able to discover truths by his own special methods. We wait to hear what are the propositions which embody his discoveries, in order to see whether they are verified or confuted by our empirical observations. But the mystic so far from producing propositions which are empirically verified, is unable to produce any intelligible propositions at all. And therefore we say that his intuition has not revealed to him any facts. It is no use his saying that he has apprehended facts but is unable to express them. For we know that if he really had acquired any information, he would be able to express it. He would be able to indicate in some way or other how the genuineness of his discovery might be empirically determined. The fact that he cannot reveal what he 'knows', or even himself devise an empirical test to validate his 'knowledge', shows that his state of mystical intuition is not a genuinely cognitive state. So that in describing his vision the mystic does not give us any information about the external world; he merely gives us indirect information about the condition of his own mind.

These considerations dispose of the argument from religious experience, which many philosophers still regard as a valid argument in favour of the existence of a god. They say that it is logically possible for men to be immediately acquainted with God, as they are immediately acquainted with a sense-content, and that there is no reason why one should be prepared to believe a man when he says that he is seeing a yellow patch, and refuse to believe him he says that he is seeing God. The answer to this is that if the man who asserts that he is seeing God is merely asserting that he is experiencing a peculiar kind of sense-content, then we do not for a moment deny that his assertion may be true. But, ordinarily, the man who says that he is seeing God is saying not merely that he is experiencing a religious emotion, but also that there exists a transcendent being who is

the object of this emotion; just as the man who says that he sees a yellow patch is ordinarily saying not merely that his visual sense-field contains a yellow sense-content, but also that there exists a yellow object to which the sense-content belongs. And it is not irrational to be prepared to believe a man when he asserts the existence of a yellow object, and to refuse to believe him when he asserts the existence of a transcendent god. For whereas the sentence 'There exists here a yellow-coloured material thing' expresses a genuine synthetic proposition which could be empirically verified, the sentence 'There exists a transcendent god' has, as we have seen, no literal significance.

We conclude, therefore, that the argument from religious experience is altogether fallacious. The fact that people have religious experiences is interesting from the psychological point of view, but it does not in any way imply that there is such a thing as religious knowledge, any more than our having moral experiences implies that there is such a thing as moral knowledge. The theist, like the moralist, may believe that his experiences are cognitive experiences, but, unless he can formulate his 'knowledge' in propositions that are empirically verifiable, we may be sure that he is deceiving himself. It follows that those philosophers who fill their books with assertions that they intuitively 'know' this or that moral or religious 'truth' are merely providing material for the psychoanalyst. For no act of intuition can be said to reveal a truth about any matter of fact unless it issues in verifiable propositions. And all such propositions are to be incorporated in the system of empirical propositions which constitutes science.