

## Ideals of Human Excellence and Preserving Natural Environments

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The moral significance of preserving natural environments is not entirely an issue of rights and social utility, for a person's attitude toward nature may be importantly connected with virtues or human excellences. The question is, "What sort of person would destroy the natural environment—or even see its value solely in cost/benefit terms?" The answer I suggest is that willingness to do so may well reveal the absence of traits which are a natural basis for a proper humility, self-acceptance, gratitude, and appreciation of the good in others.

### I

A wealthy eccentric bought a house in a neighborhood I know. The house was surrounded by a beautiful display of grass, plants, and flowers, and it was shaded by a huge old avocado tree. But the grass required cutting, the flowers needed tending, and the man wanted more sun. So he cut the whole lot down and covered the yard with asphalt. After all it was his property and he was not fond of plants.

It was a small operation, but it reminded me of the strip mining of large sections of the Appalachians. In both cases, of course, there were reasons for the destruction, and property rights could be cited as justification. But I could not help but wonder, "What sort of person would do a thing like that?"

Many Californians had a similar reaction when a recent governor defended the leveling of ancient redwood groves, reportedly saying, "If you have seen one redwood, you have seen them all."

Incidents like these arouse the indignation of ardent environmentalists and leave even apolitical observers with some degree of moral discomfort. The reasons for these reactions are mostly obvious. Uprooting the natural environment robs both present and future generations of much potential use and enjoyment. Animals too depend on the environment; and even if one does not value animals for their own sakes, their potential utility for us is incalculable. Plants are needed, of course, to replenish the atmosphere quite aside from their aesthetic value. These reasons for hesitating to destroy forests and gardens are not only the most obvious ones, but also the most persuasive for practical purposes. But, one wonders, is there nothing more behind our discomfort? Are we concerned solely about the potential use and enjoyment of the forests, etc., for ourselves, later generations, and perhaps animals? Is there not something else which disturbs us when we witness the destruction or even listen to those who would defend it in terms of cost/benefit analysis?

Imagine that in each of our examples those who would destroy the environment argue elaborately that, even considering future generations of human beings and animals, there are benefits in "replacing" the natural environment which outweigh the negative

utilities which environmentalists cite.<sup>1</sup> No doubt we could press the argument on the facts, trying to show that the destruction is shortsighted and that its defenders have underestimated its potential harm or ignored some pertinent rights or interests. But is this all we could say? Suppose we grant, for a moment, that the utility of destroying the redwoods, forests, and gardens is equal to their potential for use and enjoyment by nature lovers and animals. Suppose, further, that we even grant that the pertinent human rights and animal rights, if any, are evenly divided for and against destruction. Imagine that we also concede, for argument's sake, that the forests contain no potentially useful endangered species of animals and plants. Must we then conclude that there is no further cause for moral concern? Should we then feel morally indifferent when we see the natural environment uprooted?

## II

Suppose we feel that the answer to these questions should be negative. Suppose, in other words, we feel that our moral discomfort when we confront the destroyers of nature is not fully explained by our belief that they have miscalculated the best use of natural resources or violated rights in exploiting them. Suppose, in particular, we sense that part of the problem is that the natural environment is being viewed exclusively as a natural *resource*. What could be the ground of such a feeling? That is, what is there in our system of normative principles and values that could account for our remaining moral dissatisfaction?<sup>2</sup>

Some may be tempted to seek an explanation by appeal to the interests, or even the rights, of plants. After all, they may argue, we only gradually came to acknowledge the moral importance of all human beings, and it is even more recently that consciences have been aroused to give full weight to the welfare (and rights?) of animals. The next logical step, it may be argued, is to acknowledge a moral requirement to take into account the interests (and rights?) of plants. The problem with the strip miners, redwood cutters, and the like, on this view, is not just that they ignore the welfare and rights of people and animals; they also fail to give due weight to the survival and health of the plants themselves.

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<sup>1</sup> When I use the expression "the natural environment," I have in mind the sort of examples with which I began. For some purposes it is important to distinguish cultivated gardens from forests, virgin forests from replenished ones, irreplaceable natural phenomena from the replaceable, and so on; but these distinctions, I think, do not affect my main points here. There is also a broad sense, as Hume and Mill noted, in which all that occurs, miracles aside, is "natural." In this sense, of course, strip mining is as natural as a beaver cutting trees for his dam, and, as parts of nature, we cannot destroy the "natural" environment but only alter it. As will be evident, I shall use *natural* in a narrower, more familiar sense.

<sup>2</sup> This paper is intended as a preliminary discussion in *normative* ethical theory (as opposed to *metaethics*). The task, accordingly, is the limited, though still difficult, one of articulating the possible basis in our beliefs and values for certain particular moral judgments. Questions of ultimate justification are set aside. What makes the task difficult and challenging is not that conclusive proofs from the foundation of morality are attempted; it is rather that the particular judgments to be explained seem at first not to fall under the most familiar moral principles (e.g., utilitarianism, respect for rights).

The temptation to make such a reply is understandable if one assumes that all moral questions are exclusively concerned with whether *acts* are right or wrong, and that this, in turn, is determined entirely by how the acts impinge on the rights and interests of those directly affected. On this assumption, if there is cause for moral concern, some right or interest has been neglected; and if the rights and interests of human beings and animals have already been taken into account, then there must be some other pertinent interests, for example, those of plants. A little reflection will show that the assumption is mistaken; but, in any case, the conclusion that plants have rights or morally relevant interests is surely untenable. We do speak of what is “good for” plants, and they can “thrive” and also be “killed.” But this does not imply that they have “interests” in any morally relevant sense. Some people apparently believe that plants grow better if we talk to them, but the idea that the plants suffer and enjoy, desire and dislike, etc., is clearly outside the range of both common sense and scientific belief. The notion that the forests should be preserved to avoid *hurting* the trees or because they have a *right* to life is not part of a widely shared moral consciousness, and for good reason.<sup>3</sup>

Another way of trying to explain our moral discomfort is to appeal to certain religious beliefs. If one believes that all living things were created by a God who cares for them and entrusted us with the use of plants and animals only for limited purposes, then one has a reason to avoid careless destruction of the forests, etc., quite aside from their future utility. Again, if one believes that a divine force is immanent in all nature, then too one might have reason to care for more than sentient things. But such arguments require strong and controversial premises, and, I suspect, they will always have a restricted audience.

Early in this century, due largely to the influence of G. E. Moore, another point of view developed which some may find promising.<sup>4</sup> Moore introduced, or at least made popular, the idea that certain states of affairs are intrinsically valuable—not just valued, but valuable, and not necessarily because of their effects on sentient beings. Admittedly Moore came to believe that in fact the only intrinsically valuable things were conscious experiences of various sorts,<sup>5</sup> but this restriction was not inherent in the idea of intrinsic value. The intrinsic goodness of something, he thought, was an objective, nonrelational property of the thing, like its texture or color, but not a

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<sup>3</sup> I assume here that having a right presupposes having interests in a sense which in turn presupposes a capacity to desire, suffer, etc. Since my main concern lies in another direction, I do not argue the point, but merely note that some regard it as debatable. See, for example, W. Murray Hunt, “Are *Mere Things* Morally Considerable?” *Environmental Ethics* 2 (1980): 59-65; Kenneth E. Goodpaster, “On Stopping at Everything,” *Environmental Ethics* 2 (1980): 288-294; Joel Feinberg, “The Rights of Animals and Unborn Generations,” in William Blackstone, ed., *Philosophy and Environmental Crisis* (Athens: University of Georgia Press, 1974), pp. 43-68; Tom Regan, “Feinberg on What Sorts of Beings Can Have Rights,” *Southern Journal of Philosophy* (1976): 485-498; Robert Elliot, “Regan on the Sort of Beings that Can Have Rights,” *Southern Journal of Philosophy* (1978): 701-705; Scott Lehmann, “Do Wildernesses Have Rights?” *Environmental Ethics* 2 (1981): 129-146.

<sup>4</sup> G. E. Moore, *Principia Ethica* (Cambridge: Cambridge University Press, 1903); *Ethics* (London: H. Holt, 1912).

<sup>5</sup> G. E. Moore, “Is Goodness a Quality?” *Philosophical Papers* (London: George Allen and Unwin, 1959), pp. 95-97.

property perceivable by sense perception or detectable by scientific instruments. In theory at least, a single tree thriving alone in a universe without sentient beings, and even without God, could be intrinsically valuable. Since, according to Moore, our duty is to maximize intrinsic value, his theory could obviously be used to argue that we have reason not to destroy natural environments independently of how they affect human beings and animals. The survival of a forest might have worth beyond its worth *to* sentient beings.

This approach, like the religious one, may appeal to some but is infested with problems. There are, first, the familiar objections to intuitionism, on which the theory depends. Metaphysical and epistemological doubts about nonnatural, intuited properties are hard to suppress, and many have argued that the theory rests on a misunderstanding of the words *good*, *valuable*, and the like.<sup>6</sup> Second, even if we try to set aside these objections and think in Moore's terms, it is far from obvious that everyone would agree that the existence of forests, etc., is intrinsically valuable. The test, says Moore, is what we would say when we imagine a universe with just the thing in question, without any effects or accompaniments, and then we ask, "Would its existence be better than its nonexistence?" Be careful, Moore would remind us, not to construe this question as, "Would you *prefer* the existence of that universe to its nonexistence?" The question is, "Would its existence have the objective, nonrelational property, intrinsic goodness?"

Now even among those who have no worries about whether this really makes sense, we might well get a diversity of answers. Those prone to destroy natural environments will doubtless give one answer, and nature lovers will likely give another. When an issue is as controversial as the one at hand, intuition is a poor arbiter.

The problem, then, is this. We want to understand what underlies our moral uneasiness at the destruction of the redwoods, forests, etc., even apart from the loss of these as resources for human beings and animals. But I find no adequate answer by pursuing the questions, "Are rights or interests of plants neglected?" "What is God's will on the matter?" and "What is the intrinsic value of the existence of a tree or forest?" My suggestion, which is in fact the main point of this paper, is that we look at the problem from a different perspective. That is, let us turn for a while from the effort to find reasons why certain acts destructive of natural environments are morally wrong to the ancient task of articulating our ideals of human excellence. Rather than argue directly with destroyers of the environment who say, "Show me why what I am doing is *immoral*," I want to ask, "What sort of person would want to do what they propose?" The point is not to skirt the issue with an *ad hominem*, but to raise a different moral question, for even if there is no convincing way to show that the destructive acts are wrong (independently of human and animal use and enjoyment), we may find that the willingness to indulge in them reflects the absence of human traits that we admire and regard morally important.

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<sup>6</sup> See, for example, P. H. Nowell-Smith, *Ethics* (New York: Penguin Books, 1954).

This strategy of shifting questions may seem more promising if one reflects on certain analogous situations. Consider, for example, the Nazi who asks, in all seriousness, “Why is it wrong for me to make lampshades out of human skin—provided, of course, I did not myself kill the victims to get the skins?” We would react more with shock and disgust than with indignation, I suspect, because it is even more evident that the question reveals a defect in the questioner than that the proposed act is itself immoral. Sometimes we may not regard an act wrong at all though we see it as reflecting something objectionable about the person who does it. Imagine, for example, one who laughs spontaneously to himself when he reads a newspaper account of a plane crash that kills hundreds. Or, again, consider an obsequious grandson who, having waited for his grandmother’s inheritance with mock devotion, then secretly spits on her grave when at last she dies. Spitting on the grave may have no adverse consequences and perhaps it violates no rights. The moral uneasiness which it arouses is explained more by our view of the agent than by any conviction that what he did was immoral. Had he hesitated and asked, “Why shouldn’t I spit on her grave?” it seems more fitting to ask him to reflect on the sort of person he is than to try to offer reasons why he should refrain from spitting.

### III

What sort of person, then, would cover his garden with asphalt, strip mine a wooded mountain, or level an irreplaceable redwood grove? ...

The main idea is that, though indifference to nonsentient nature does not *necessarily* reflect the absence of virtues, it often signals the absence of certain traits which we want to encourage because they are, in most cases, a natural basis for the development of certain virtues. It is often thought, for example, that those who would destroy the natural environment must lack a proper appreciation of their place in the natural order, and so must either be ignorant or have too little humility. Though I would argue that this is not necessarily so, I suggest that, given certain plausible empirical assumptions, their attitude may well be rooted in ignorance, a narrow perspective, inability to see things as important apart from themselves and the limited groups they associate with, or reluctance to accept themselves as natural beings. Overcoming these deficiencies will not guarantee a proper moral humility, but for most of us it is probably an important psychological preliminary. Later I suggest, more briefly, that indifference to nonsentient nature typically reveals absence of either aesthetic sensibility or a disposition to cherish what has enriched one’s life and that these, though not themselves moral virtues, are a natural basis for appreciation of the good in others and gratitude.<sup>7</sup>

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<sup>7</sup> The issues I raise here, though perhaps not the details of my remarks, are in line with Aristotle’s view of moral philosophy, a view revitalized recently by Philippa Foot’s *Virtue and Vice* (Berkeley: University of California Press, 1979), Alasdair McIntyre’s *After Virtue* (Notre Dame: Notre Dame Press, 1981), and James Wallace’s *Virtues and Vices* (Ithaca and London: Cornell University Press, 1978), and other works. For other reflections on relationships between character and natural environments, see John Rodman, “The Liberation of Nature,” *Inquiry* (1976):83-131 and L. Reinhardt, “Some Gaps in Moral Space: Reflections on Forests and Feelings,” in Mannison, McRobbie, and

Consider first the suggestion that destroyers of the environment lack an appreciation of their place in the universe.<sup>8</sup> Their attention, it seems, must be focused on parochial matters, on what is, relatively speaking, close in space and time. They seem not to understand that we are a speck on the cosmic scene, a brief stage in the evolutionary process, only one among millions of species on Earth, and an episode in the course of human history. Of course, they know that there are stars, fossils, insects, and ancient ruins; but do they have any idea of the complexity of the processes that led to the natural world as we find it? Are they aware how much the forces at work within their own bodies are like those which govern all living things and even how much they have in common with inanimate bodies? Admittedly scientific knowledge is limited and no one can master it all; but could one who had a broad and deep understanding of his place in nature really be indifferent to the destruction of the natural environment?

This first suggestion, however, may well provoke a protest from a sophisticated anti-environmentalist.<sup>9</sup> “Perhaps *some* may be indifferent to nature from ignorance,” the critic may object, “but *I* have studied astronomy, geology, biology, and biochemistry, and I still unashamedly regard the nonsentient environment as simply a resource for our use. It should not be wasted, of course, but what should be preserved is decidable by weighing long-term costs and benefits.” “Besides,” our critic may continue, “as philosophers you should know the old Humean formula, ‘You cannot derive an *ought* from an *is*.’ All the facts of biology, biochemistry, etc., do not entail that I ought to love nature or want to preserve it. What one understands is one thing; what one values is something else. Just as nature lovers are not necessarily scientists, those indifferent to nature are not necessarily ignorant.”

Although the environmentalist may concede the critic’s logical point, he may well argue that, as a matter of fact, increased understanding of nature tends to heighten people’s concern for its preservation. ... [E]ven though some people who see themselves as part of the natural order remain indifferent to nonsentient nature, this is not a common reaction. Typically, it may be argued, as we become more and more aware that we are parts of the larger whole we come to value the whole independently of its effect on ourselves. Thus, despite the possibilities the critic raises, indifference to nonsentient nature is still in most cases a sign that a person fails to see himself as part of the natural order.

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Routley, eds., *Environmental Philosophy* (Canberra: Australian National University Research School of Social Sciences, 1980).

<sup>8</sup> Though for simplicity I focus upon those who do strip mining, etc., the argument is also applicable to those whose utilitarian calculations lead them to preserve the redwoods, mountains, etc., but who care for only sentient nature for its own sake. Similarly the phrase “indifferent to nature” is meant to encompass those who are indifferent *except* when considering its benefits to people and animals.

<sup>9</sup> For convenience I use the labels *environmentalist* and *anti-environmentalist* (or *critic*) for the opposing sides in the rather special controversy I have raised. Thus, for example, my “environmentalist” not only favors conserving the forests, etc., but finds something objectionable in wanting to destroy them even aside from the costs to human beings and animals. My “anti-environmentalist” is not simply one who wants to destroy the environment; he is a person who has no qualms about doing so independent of the adverse effects on human beings and animals.

If someone challenges the empirical assumption here, the environmentalist might develop the argument along a quite different line. The initial idea, he may remind us, was that those who would destroy the natural environment fail to *appreciate* their place in the natural order. “Appreciating one’s place” is not simply an intellectual appreciation. It is also an attitude, reflecting what one values as well as what one knows. When we say, for example, that both the servile and the arrogant person fail to *appreciate* their place in a society of equals, we do not mean simply that they are ignorant of certain empirical facts, but rather that they have certain objectionable attitudes about their importance relative to other people. Similarly, to fail to appreciate one’s place in nature is not merely to lack knowledge or breadth of perspective, but to take a certain attitude about what matters. A person who *understands* his place in nature but still views nonsentient nature merely as a resource takes the attitude that nothing is *important* but human beings and animals. Despite first appearances, he is not so much like the pre-Copernican astronomers who made the intellectual error of treating the Earth as the “center of the universe” when they made their calculations. He is more like the racist who, though well aware of other races, treats all races but his own as insignificant.

So construed, the argument appeals to the common idea that awareness of nature typically has, and should have, a humbling effect. The Alps, a storm at sea, the Grand Canyon, towering redwoods, and “the starry heavens above” move many a person to remark on the comparative insignificance of our daily concerns and even of our species, and this is generally taken to be a quite fitting response.<sup>10</sup> What seems to be missing, then, in those who understand nature but remain unmoved is a proper humility.<sup>11</sup> ... A paradigm of a person who lacks humility is the self-important emperor who grants status to his family because it is *his*, to his subordinates because *he* appointed them, and to his country because *he* chooses to glorify it. Less extreme but still lacking proper humility is the elitist who counts events significant solely in proportion to how they affect his class. The suspicion about those who would destroy the environment, then, is that what they count important is too narrowly confined insofar as it encompasses only what affects beings who, like us, are capable of feeling.

This idea that proper humility requires recognition of the importance of nonsentient nature is similar to the thought of those who charge meat eaters with “species-ism.” In both cases it is felt that people too narrowly confine their concerns to the sorts of beings that are most like them. But, however intuitively appealing, the idea will surely arouse objections from our non-environmentalist critic. “Why,” he will ask, “do you suppose that the sort of humility I *should* have requires me to acknowledge the importance of nonsentient nature aside from its utility? You cannot, by your own admission, argue that nonsentient nature *is* important, appealing to religious or

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<sup>10</sup> An exception, apparently, was Kant, who thought “the starry heavens” sublime and compared them with “the moral law within,” but did not for all that see our species as comparatively insignificant.

<sup>11</sup> By “*proper* humility” I mean that sort and degree of humility that is a morally admirable character trait. How precisely to define this is, of course, a controversial matter; but the point for present purposes is just to set aside obsequiousness, false modesty, underestimation of one’s abilities, and the like.

intuitionist grounds. And simply to assert, without further argument, that an ideal humility requires us to view nonsentient nature as important for its own sake begs the question at issue. If proper humility is acknowledging the relative importance of things as one should, then to show that I must lack this you must first establish that one *should* acknowledge the importance of nonsentient nature.”

Though some may wish to accept this challenge, there are other ways to pursue the connection between humility and response to nonsentient nature. ... The major obstacle to humility ... is self-importance, a tendency to measure the significance of everything by its relation to oneself and those with whom one identifies. Learning humility requires learning to feel that something matters besides what will affect oneself and one’s circle of associates. ... Learning to value things for their own sake, and to count what affects them important aside from their utility, is not the same as judging them to have some intuited objective property, but it is necessary to the development of humility and it seems likely to take place in experiences with nonsentient nature as well as with people and animals. If a person views all nonsentient nature merely as a resource, then it seems unlikely that he has developed the capacity needed to overcome self-importance.

#### IV

... Th[e] idea is not simply that experiencing nature tends to foster proper humility before other people; it is, in part, that natural surroundings encourage and are appropriate to an ideal sense of oneself as part of the natural world. Standing alone in the forest, after months in the city, is not merely good as a means of curbing one’s arrogance before others; it reinforces and fittingly expresses one’s acceptance of oneself as a natural being.

Previously we considered only one aspect of proper humility, namely, a sense of one’s relative importance with respect to other human beings. Another aspect, I think, is a kind of *self-acceptance*. This involves acknowledging, in more than a merely intellectual way, that we are the sort of creatures that we are. ...

Self-acceptance of this sort has long been considered a human excellence, under various names, but what has it to do with preserving nature? There is, I think, the following connection. As human beings we are part of nature, living, growing, declining, and dying by natural laws similar to those governing other living beings; despite our awesomely distinctive human powers, we share many of the needs, limits, and liabilities of animals and plants. ...

My suggestion is not merely that experiencing nature causally promotes such self-acceptance, but also that those who fully accept themselves as part of the natural world lack the common drive to disassociate themselves from nature by replacing natural environments with artificial ones. A storm in the wilds helps us to appreciate our animal vulnerability, but, equally important, the reluctance to experience it may *reflect* an unwillingness to accept this aspect of ourselves. The person who is too

ready to destroy the ancient redwoods may lack humility, not so much in the sense that he exaggerates his importance relative to others, but rather in the sense that he tries to avoid seeing himself as one among many natural creatures.

## V

My suggestion so far has been that, though indifference to nonsentient nature is not itself a moral vice, it is likely to reflect either ignorance, a self-importance, or a lack of self-acceptance which we must overcome to have proper humility. A similar idea might be developed connecting attitudes toward nonsentient nature with other human excellences. For example, one might argue that indifference to nature reveals a lack of either an aesthetic sense or some of the natural roots of gratitude.

When we see a hillside that has been gutted by strip miners or the garden replaced by asphalt, our first reaction is probably, "How ugly!" The scenes assault our aesthetic sensibilities. We suspect that no one with a keen sense of beauty could have left such a sight. Admittedly not everything in nature strikes us as beautiful, or even aesthetically interesting, and sometimes a natural scene is replaced with a more impressive architectural masterpiece. But this is not usually the situation in the problem cases which environmentalists are most concerned about. More often beauty is replaced with ugliness.

At this point our critic may well object that, even if he does lack a sense of beauty, this is no moral vice. His cost/benefit calculations take into account the pleasure others may derive from seeing the forests, etc., and so why should he be faulted?

Some might reply that, despite contrary philosophical traditions, aesthetics and morality are not so distinct as commonly supposed. Appreciation of beauty, they may argue, is a human excellence which morally ideal persons should try to develop. But, setting aside this controversial position, there still may be cause for moral concern about those who have no aesthetic response to nature. Even if aesthetic sensibility is not itself a moral virtue, many of the capacities of mind and heart which it presupposes may be ones which are also needed for an appreciation of other people. Consider, for example, curiosity, a mind open to novelty, the ability to look at things from unfamiliar perspectives, empathetic imagination, interest in details, variety, and order, and emotional freedom from the immediate and the practical. All these, and more, seem necessary to aesthetic sensibility, but they are also traits which a person needs to be fully sensitive to people of all sorts. The point is not that a moral person must be able to distinguish beautiful from ugly people; the point is rather that unresponsiveness to what is beautiful, awesome, dainty, dumpy, and otherwise aesthetically interesting in nature probably reflects a lack of the openness of mind and spirit necessary to appreciate the best in human beings.

The anti-environmentalist, however, may refuse to accept the charge that he lacks aesthetic sensibility. If he claims to appreciate seventeenth-century miniature portraits, but to abhor natural wildernesses, he will hardly be convincing. Tastes vary,

but aesthetic sense is not *that* selective. He may, instead, insist that he *does* appreciate natural beauty. He spends his vacations, let us suppose, hiking in the Sierras, photographing wildflowers, and so on. He might press his argument as follows: “I enjoy natural beauty as much as anyone, but I fail to see what this has to do with preserving the environment independently of human enjoyment and use. Nonsentient nature is a resource, but one of its best uses is to give us pleasure. I take this into account when I calculate the costs and benefits of preserving a park, planting a garden, and so on. But the problem you raised explicitly set aside the desire to preserve nature as a means to enjoyment. I say, let us enjoy nature fully while we can, but if all sentient beings were to die tomorrow, we might as well blow up all plant life as well. A redwood grove that no one can use or enjoy is utterly worthless.”

The attitude expressed here, I suspect, is not a common one, but it represents a philosophical challenge. The beginnings of a reply may be found in the following. When a person takes joy in something, it is a common (and perhaps natural) response to come to cherish it. To cherish something is not simply to be happy with it at the moment, but to care for it for its own sake. This is not to say that one necessarily sees it as having feelings and so wants it to feel good; nor does it imply that one judges the thing to have Moore’s intrinsic value. One simply wants the thing to survive and (when appropriate) to thrive, and not simply for its utility. We see this attitude repeatedly regarding mementos. They are not simply valued as a means to remind us of happy occasions; they come to be valued for their own sake. Thus, if someone really took joy in the natural environment, but was prepared to blow it up as soon as sentient life ended, he would lack this common human tendency to cherish what enriches our lives. While this response is not itself a moral virtue, it may be a natural basis of the virtue we call “gratitude.” People who have no tendency to cherish things that give them pleasure may be poorly disposed to respond gratefully to persons who are good to them. Again the connection is not one of logical necessity, but it may nevertheless be important. A nonreligious person unable to “thank” anyone for the beauties of nature may nevertheless feel “grateful” in a sense; and I suspect that the person who feels no such “gratitude” toward nature is unlikely to show proper gratitude toward people.

Suppose these conjectures prove to be true. One may wonder what is the point of considering them. Is it to disparage all those who view nature merely as a resource? To do so, it seems, would be unfair, for, even if this attitude typically stems from deficiencies which affect one’s attitudes toward sentient beings, there may be exceptions and we have not shown that their view of nonsentient nature is itself blameworthy. But when we set aside questions of blame and inquire what sorts of human traits we want to encourage, our reflections become relevant in a more positive way. The point is not to insinuate that all anti-environmentalists are defective, but to see that those who value such traits as humility, gratitude, and sensitivity to others have reason to promote the love of nature.