



Rethinking the Human Place
in Nature

edited by

WILLIAM CRONON

The Trouble with Wilderness; or, Getting Back to the Wrong Nature

William Cronon

THE TIME HAS COME TO RETHINK WILDERNESS.

This will seem a heretical claim to many environmentalists, since the idea of wilderness has for decades been a fundamental tenet—indeed, a passion—of the environmental movement, especially in the United States. For many Americans wilderness stands as the last remaining place where civilization, that all too human disease, has not fully infected the earth. It is an island in the polluted sea of urban-industrial modernity, the one place we can turn for escape from our own too-muchness. Seen in this way, wilderness presents itself as the best antidote to our human selves, a refuge we must somehow recover if we hope to save the planet. As Henry David Thoreau once famously declared, “In Wildness is the preservation of the World.”¹

But is it? The more one knows of its peculiar history, the more one realizes that wilderness is not quite what it seems. Far from being the one place on earth that stands apart from humanity, it is quite profoundly a human creation—indeed, the creation of very particular human cultures at very particular moments in human history. It is not a pristine sanctuary where the last remnant of an untouched, endangered, but still transcendent nature can for at least a little while longer be encountered without the contaminating taint of civilization. Instead, it is a product of that civilization, and could hardly be contaminated by the very stuff of which it is made. Wilderness hides its unnaturalness behind a mask that is all the more beguiling because it seems so natural. As we gaze into the mirror it holds up for us, we too easily imagine that what we behold is Nature when in fact we see the reflec-

tion of our own unexamined longings and desires. For this reason, we mistake ourselves when we suppose that wilderness can be the solution to our culture's problematic relationships with the nonhuman world, for wilderness is itself no small part of the problem.

To assert the unnaturalness of so natural a place will no doubt seem absurd or even perverse to many readers, so let me hasten to add that the nonhuman world we encounter in wilderness is far from being merely our own invention. I celebrate with others who love wilderness the beauty and power of the things it contains. Each of us who has spent time there can conjure images and sensations that seem all the more hauntingly real for having engraved themselves so indelibly on our memories. Such memories may be uniquely our own, but they are also familiar enough to be instantly recognizable to others. Remember this? The torrents of mist shoot out from the base of a great waterfall in the depths of a Sierra canyon, the tiny droplets cooling your face as you listen to the roar of the water and gaze up toward the sky through a rainbow that hovers just out of reach. Remember this too: looking out across a desert canyon in the evening air, the only sound a lone raven calling in the distance, the rock walls dropping away into a chasm so deep that its bottom all but vanishes as you squint into the amber light of the setting sun. And this: the moment beside the trail as you sit on a sandstone ledge, your boots damp with the morning dew while you take in the rich smell of the pines, and the small red fox—or maybe for you it was a raccoon or a coyote or a deer—that suddenly ambles across your path, stopping for a long moment to gaze in your direction with cautious indifference before continuing on its way. Remember the feelings of such moments, and you will know as well as I do that you were in the presence of something irreducibly nonhuman, something profoundly Other than yourself. Wilderness is made of that too.

And yet: what brought each of us to the places where such memories became possible is entirely a cultural invention. Go back 250 years in American and European history, and you do not find nearly so many people wandering around remote corners of the planet looking for what today we would call “the wilderness experience.” As late as the eighteenth century, the most common usage of the word “wilderness” in the English language referred to landscapes that generally carried adjectives far different from the ones they attract today. To be a wilderness then was to be “deserted,” “savage,” “desolate,” “barren”—in short, a “waste,” the word's nearest synonym. Its connotations were anything but positive, and the emotion one was most likely to feel in its presence was “bewilderment”—or terror.²

Many of the word's strongest associations then were biblical, for it is used over and over again in the King James Version to refer to places on the margins of civilization where it is all too easy to lose oneself in moral confusion and despair. The wilderness was where Moses had wandered with his people for forty years, and where they had nearly abandoned their God to worship a golden idol.³ “For Pharaoh will say of the Children of Israel,” we

read in Exodus, “They are entangled in the land, the wilderness hath shut them in.”⁴ The wilderness was where Christ had struggled with the devil and endured his temptations: “And immediately the Spirit driveth him into the wilderness. And he was there in the wilderness for forty days tempted of Satan; and was with the wild beasts; and the angels ministered unto him.”⁵ The “delicious Paradise” of John Milton's Eden was surrounded by “a steep wilderness, whose hairy sides / Access denied” to all who sought entry.⁶ When Adam and Eve were driven from that garden, the world they entered was a wilderness that only their labor and pain could redeem. Wilderness, in short, was a place to which one came only against one's will, and always in fear and trembling. Whatever value it might have arose solely from the possibility that it might be “reclaimed” and turned toward human ends—planted as a garden, say, or a city upon a hill.⁷ In its raw state, it had little or nothing to offer civilized men and women.

But by the end of the nineteenth century, all this had changed. The wastelands that had once seemed worthless had for some people come to seem almost beyond price. That Thoreau in 1862 could declare wildness to be the preservation of the world suggests the sea change that was going on. Wilderness had once been the antithesis of all that was orderly and good—it had



Thomas Cole, *Expulsion from the Garden of Eden*, 1827–28. (Gift of Mrs. Maxim Karolik for the M. and M. Karolik Collection of American Paintings, 1815–1863, courtesy Museum of Fine Arts, Boston)

been the darkness, one might say, on the far side of the garden wall—and yet now it was frequently likened to Eden itself. When John Muir arrived in the Sierra Nevada in 1869, he would declare, “No description of Heaven that I have ever heard or read of seems half so fine.”⁸ He was hardly alone in expressing such emotions. One by one, various corners of the American map came to be designated as sites whose wild beauty was so spectacular that a growing number of citizens had to visit and see them for themselves. Niagara Falls was the first to undergo this transformation, but it was soon followed by the Catskills, the Adirondacks, Yosemite, Yellowstone, and others. Yosemite was deeded by the U.S. government to the state of California in 1864 as the nation’s first wildland park, and Yellowstone became the first true national park in 1872.⁹

By the first decade of the twentieth century, in the single most famous episode in American conservation history, a national debate had exploded over whether the city of San Francisco should be permitted to augment its water supply by damming the Tuolumne River in Hetch Hetchy valley, well within the boundaries of Yosemite National Park. The dam was eventually built, but what today seems no less significant is that so many people fought to prevent its completion. Even as the fight was being lost, Hetch Hetchy became the battle cry of an emerging movement to preserve wilderness. Fifty years earlier, such opposition would have been unthinkable. Few would have questioned the merits of “reclaiming” a wasteland like this in order to put it to human use. Now the defenders of Hetch Hetchy attracted widespread national attention by portraying such an act not as improvement or progress but as desecration and vandalism. Lest one doubt that the old biblical metaphors had been turned completely on their heads, listen to John Muir attack the dam’s defenders. “Their arguments,” he wrote, “are curiously like those of the devil, devised for the destruction of the first garden—so much of the very best Eden fruit going to waste; so much of the best Tuolumne water and Tuolumne scenery going to waste.”¹⁰ For Muir and the growing number of Americans who shared his views, Satan’s home had become God’s own temple.

The sources of this rather astonishing transformation were many, but for the purposes of this essay they can be gathered under two broad headings: the sublime and the frontier. Of the two, the sublime is the older and more pervasive cultural construct, being one of the most important expressions of that broad transatlantic movement we today label as romanticism; the frontier is more peculiarly American, though it too had its European antecedents and parallels. The two converged to remake wilderness in their own image, freighted with moral values and cultural symbols that it carries to this day. Indeed, it is not too much to say that the modern environmental movement is itself a grandchild of romanticism and post-frontier ideology, which is why it is no accident that so much environmentalist discourse takes its bearings from the wilderness these intellectual movements helped create.

Although wilderness may today seem to be just one environmental concern among many, it in fact serves as the foundation for a long list of other such concerns that on their face seem quite remote from it. That is why its influence is so pervasive and, potentially, so insidious.

To gain such remarkable influence, the concept of wilderness had to become loaded with some of the deepest core values of the culture that created and idealized it: it had to become sacred. This possibility had been present in wilderness even in the days when it had been a place of spiritual danger and moral temptation. If Satan was there, then so was Christ, who had found angels as well as wild beasts during His sojourn in the desert. In the wilderness the boundaries between human and nonhuman, between natural and supernatural, had always seemed less certain than elsewhere. This was why the early Christian saints and mystics had often emulated Christ’s desert retreat as they sought to experience for themselves the visions and spiritual testing He had endured. One might meet devils and run the risk of losing one’s soul in such a place, but one might also meet God. For some that possibility was worth almost any price.

By the eighteenth century this sense of the wilderness as a landscape where the supernatural lay just beneath the surface was expressed in the doctrine of the *sublime*, a word whose modern usage has been so watered down by commercial hype and tourist advertising that it retains only a dim echo of its former power.¹¹ In the theories of Edmund Burke, Immanuel Kant, William Gilpin, and others, sublime landscapes were those rare places on earth where one had more chance than elsewhere to glimpse the face of God.¹² Romantics had a clear notion of where one could be most sure of having this experience. Although God might, of course, choose to show Himself anywhere, He would most often be found in those vast, powerful landscapes where one could not help feeling insignificant and being reminded of one’s own mortality. Where were these sublime places? The eighteenth-century catalog of their locations feels very familiar, for we still see and value landscapes as it taught us to do. God was on the mountaintop, in the chasm, in the waterfall, in the thundercloud, in the rainbow, in the sunset. One has only to think of the sites that Americans chose for their first national parks—Yellowstone, Yosemite, Grand Canyon, Rainier, Zion—to realize that virtually all of them fit one or more of these categories. Less sublime landscapes simply did not appear worthy of such protection; not until the 1940s, for instance, would the first swamp be honored, in Everglades National Park, and to this day there is no national park in the grasslands.¹³

Among the best proofs that one had entered a sublime landscape was the emotion it evoked. For the early romantic writers and artists who first began to celebrate it, the sublime was far from being a pleasurable experience. The classic description is that of William Wordsworth as he recounted climbing the Alps and crossing the Simplon Pass in his autobiographical poem *The*

Prelude. There, surrounded by crags and waterfalls, the poet felt himself literally to be in the presence of the divine—and experienced an emotion remarkably close to terror:

The immeasurable height
Of woods decaying, never to be decayed,
The stationary blasts of waterfalls,
And in the narrow rent at every turn
Winds thwarting winds, bewildered and forlorn,
The torrents shooting from the clear blue sky,
The rocks that muttered close upon our ears,
Black drizzling crags that spake by the way-side
As if a voice were in them, the sick sight
And giddy prospect of the raving stream,
The unfettered clouds and region of the Heavens,
Tumult and peace, the darkness and the light—
Were all like workings of one mind, the features
Of the same face, blossoms upon one tree;
Characters of the great Apocalypse,
The types and symbols of Eternity,
Of first, and last, and midst, and without end.¹⁴

This was no casual stroll in the mountains, no simple sojourn in the gentle lap of nonhuman nature. What Wordsworth described was nothing less than a religious experience, akin to that of the Old Testament prophets as they conversed with their wrathful God. The symbols he detected in this wilderness landscape were more supernatural than natural, and they inspired more awe and dismay than joy or pleasure. No mere mortal was meant to linger long in such a place, so it was with considerable relief that Wordsworth and his companion made their way back down from the peaks to the sheltering valleys.

Lest you suspect that this view of the sublime was limited to timid Europeans who lacked the American know-how for feeling at home in the wilderness, remember Henry David Thoreau's 1846 climb of Mount Katahdin, in Maine. Although Thoreau is regarded by many today as one of the great American celebrators of wilderness, his emotions about Katahdin were no less ambivalent than Wordsworth's about the Alps.

It was vast, Titanic, and such as man never inhabits. Some part of the beholder, even some vital part, seems to escape through the loose grating of his ribs as he ascends. He is more lone than you can imagine. . . . Vast, Titanic, inhuman Nature has got him at disadvantage, caught him alone, and pilfers him of some of his divine faculty. She does not smile on him as in the plains. She seems to say sternly, why came ye here before your time? This ground is not prepared for you. Is it not enough that I smile in the valleys? I have never made this soil for thy feet, this air for thy breathing, these rocks for thy neighbors. I cannot pity nor fondle thee here, but forever relentlessly

drive thee hence to where I *am* kind. Why seek me where I have not called thee, and then complain because you find me but a stepmother?¹⁵

This is surely not the way a modern backpacker or nature lover would describe Maine's most famous mountain, but that is because Thoreau's description owes as much to Wordsworth and other romantic contemporaries as to the rocks and clouds of Katahdin itself. His words took the physical mountain on which he stood and transmuted it into an icon of the sublime: a symbol of God's presence on earth. The power and the glory of that icon were such that only a prophet might gaze on it for long. In effect, romantics like Thoreau joined Moses and the children of Israel in Exodus when "they looked toward the wilderness, and behold, the glory of the Lord appeared in the cloud."¹⁶

But even as it came to embody the awesome power of the sublime, wilderness was also being tamed—not just by those who were building settlements in its midst but also by those who most celebrated its inhuman beauty. By the second half of the nineteenth century, the terrible awe that Wordsworth and Thoreau regarded as the appropriately pious stance to adopt in the presence of their mountaintop God was giving way to a much more comfortable, almost sentimental demeanor. As more and more tourists sought out the wilderness as a spectacle to be looked at and enjoyed for its great beauty, the sublime in effect became domesticated. The wilderness was still sacred, but the religious sentiments it evoked were more those of a pleasant parish church than those of a grand cathedral or a harsh desert retreat. The writer who best captures this late romantic sense of a domesticated sublime is undoubtedly John Muir, whose descriptions of Yosemite and the Sierra Nevada reflect none of the anxiety or terror one finds in earlier writers. Here he is, for instance, sketching on North Dome in Yosemite Valley:

No pain here, no dull empty hours, no fear of the past, no fear of the future. These blessed mountains are so compactly filled with God's beauty, no petty personal hope or experience has room to be. Drinking this champagne water is pure pleasure, so is breathing the living air, and every movement of limbs is pleasure, while the body seems to feel beauty when exposed to it as it feels the campfire or sunshine, entering not by the eyes alone, but equally through all one's flesh like radiant heat, making a passionate ecstatic pleasure glow not explainable.

The emotions Muir describes in Yosemite could hardly be more different from Thoreau's on Katahdin or Wordsworth's on the Simplon Pass. Yet all three men are participating in the same cultural tradition and contributing to the same myth: the mountain as cathedral. The three may differ in the way they choose to express their piety—Wordsworth favoring an awe-filled bewilderment, Thoreau a stern loneliness, Muir a welcome ecstasy—but they agree completely about the church in which they prefer to worship.

Muir's closing words on North Dome diverge from his older contemporaries only in mood, not in their ultimate content:

Perched like a fly on this Yosemite dome, I gaze and sketch and bask, oftentimes settling down into dumb admiration without definite hope of ever learning much, yet with the longing, unresting effort that lies at the door of hope, humbly prostrate before the vast display of God's power, and eager to offer self-denial and renunciation with eternal toil to learn any lesson in the divine manuscript.¹⁷

Muir's "divine manuscript" and Wordsworth's "Characters of the great Apocalypse" were in fact pages from the same holy book. The sublime wilderness had ceased to be a place of satanic temptation and become instead a sacred temple, much as it continues to be for those who love it today.

But the romantic sublime was not the only cultural movement that helped transform wilderness into a sacred American icon during the nineteenth century. No less important was the powerful romantic attraction of primitivism, dating back at least to Rousseau—the belief that the best antidote to the ills of an overly refined and civilized modern world was a return to simpler, more primitive living. In the United States, this was embodied most strikingly in the national myth of the frontier. The historian Frederick Jackson Turner wrote in 1893 the classic academic statement of this myth, but it had been part of American cultural traditions for well over a century. As Turner described the process, easterners and European immigrants, in moving to the wild unsettled lands of the frontier, shed the trappings of civilization, rediscovered their primitive racial energies, reinvented direct democratic institutions, and thereby reinfused themselves with a vigor, an independence, and a creativity that were the source of American democracy and national character. Seen in this way, wild country became a place not just of religious redemption but of national renewal, the quintessential location for experiencing what it meant to be an American.

One of Turner's most provocative claims was that by the 1890s the frontier was passing away. Never again would "such gifts of free land offer themselves" to the American people. "The frontier has gone," he declared, "and with its going has closed the first period of American history."¹⁸ Built into the frontier myth from its very beginning was the notion that this crucible of American identity was temporary and would pass away. Those who have celebrated the frontier have almost always looked backward as they did so, mourning an older, simpler, truer world that is about to disappear forever. That world and all of its attractions, Turner said, depended on free land—on wilderness. Thus, in the myth of the vanishing frontier lay the seeds of wilderness preservation in the United States, for if wild land had been so crucial in the making of the nation, then surely one must save its last remnants as monuments to the American past—and as an insurance policy to protect its future. It is no accident that the movement to set aside

national parks and wilderness areas began to gain real momentum at precisely the time that laments about the passing frontier reached their peak. To protect wilderness was in a very real sense to protect the nation's most sacred myth of origin.

Among the core elements of the frontier myth was the powerful sense among certain groups of Americans that wilderness was the last bastion of rugged individualism. Turner tended to stress communitarian themes when writing frontier history, asserting that Americans in primitive conditions had been forced to band together with their neighbors to form communities and democratic institutions. For other writers, however, frontier democracy for communities was less compelling than frontier freedom for individuals.¹⁹ By fleeing to the outer margins of settled land and society—so the story ran—an individual could escape the confining strictures of civilized life. The mood among writers who celebrated frontier individualism was almost always nostalgic; they lamented not just a lost way of life but the passing of the heroic men who had embodied that life. Thus Owen Wister in the introduction to his classic 1902 novel *The Virginian* could write of "a vanished world" in which "the horseman, the cow-puncher, the last romantic figure upon our soil" rode only "in his historic yesterday" and would "never come again." For Wister, the cowboy was a man who gave his word and kept it ("Wall Street would have found him behind the times"), who did not talk lewdly to women ("Newport would have thought him old-fashioned"), who worked and played hard, and whose "ungoverned hours did not unman him."²⁰ Theodore Roosevelt wrote with much the same nostalgic fervor about the "fine, manly qualities" of the "wild rough-rider of the plains." No one could be more heroically masculine, thought Roosevelt, or more at home in the western wilderness:

There he passes his days, there he does his life-work, there, when he meets death, he faces it as he has faced many other evils, with quiet, uncomplaining fortitude. Brave, hospitable, hardy, and adventurous, he is the grim pioneer of our race; he prepares the way for the civilization from before whose face he must himself disappear. Hard and dangerous though his existence is, it has yet a wild attraction that strongly draws to it his bold, free spirit.²¹

This nostalgia for a passing frontier way of life inevitably implied ambivalence, if not downright hostility, toward modernity and all that it represented. If one saw the wild lands of the frontier as freer, truer, and more natural than other, more modern places, then one was also inclined to see the cities and factories of urban-industrial civilization as confining, false, and artificial. Owen Wister looked at the post-frontier "transition" that had followed "the horseman of the plains," and did not like what he saw: "a shapeless state, a condition of men and manners as unlovely as is that moment in the year when winter is gone and spring not come, and the face of Nature is ugly."²² In the eyes of writers who shared Wister's distaste for

modernity, civilization contaminated its inhabitants and absorbed them into the faceless, collective, contemptible life of the crowd. For all of its troubles and dangers, and despite the fact that it must pass away, the frontier had been a better place. If civilization was to be redeemed, it would be by men like the Virginian who could retain their frontier virtues even as they made the transition to post-frontier life.

The mythic frontier individualist was almost always masculine in gender: here, in the wilderness, a man could be a real man, the rugged individual he was meant to be before civilization sapped his energy and threatened his masculinity. Wister's contemptuous remarks about Wall Street and Newport suggest what he and many others of his generation believed—that the comforts and seductions of civilized life were especially insidious for men, who all too easily became emasculated by the femininizing tendencies of civilization. More often than not, men who felt this way came, like Wister and Roosevelt, from elite class backgrounds. The curious result was that frontier nostalgia became an important vehicle for expressing a peculiarly bourgeois form of antimodernism. The very men who most benefited from urban-industrial capitalism were among those who believed they must escape its debilitating effects. If the frontier was passing, then men who had the means to do so should preserve for themselves some remnant of its wild landscape so that they might enjoy the regeneration and renewal that came from sleeping under the stars, participating in blood sports, and living off the land. The frontier might be gone, but the frontier experience could still be had if only wilderness were preserved.

Thus the decades following the Civil War saw more and more of the nation's wealthiest citizens seeking out wilderness for themselves. The elite passion for wild land took many forms: enormous estates in the Adirondacks and elsewhere (disingenuously called "camps" despite their many servants and amenities), cattle ranches for would-be rough riders on the Great Plains, guided big-game hunting trips in the Rockies, and luxurious resort hotels wherever railroads pushed their way into sublime landscapes. Wilderness suddenly emerged as the landscape of choice for elite tourists, who brought with them strikingly urban ideas of the countryside through which they traveled. For them, wild land was not a site for productive labor and not a permanent home; rather, it was a place of recreation. One went to the wilderness not as a producer but as a consumer, hiring guides and other backcountry residents who could serve as romantic surrogates for the rough riders and hunters of the frontier if one was willing to overlook their new status as employees and servants of the rich.

In just this way, wilderness came to embody the national frontier myth, standing for the wild freedom of America's past and seeming to represent a highly attractive natural alternative to the ugly artificiality of modern civilization. The irony, of course, was that in the process wilderness came to reflect the very civilization its devotees sought to escape. Ever since the nine-

teenth century, celebrating wilderness has been an activity mainly for well-to-do city folks. Country people generally know far too much about working the land to regard *unworked* land as their ideal. In contrast, elite urban tourists and wealthy sportsmen projected their leisure-time frontier fantasies onto the American landscape and so created wilderness in their own image.

There were other ironies as well. The movement to set aside national parks and wilderness areas followed hard on the heels of the final Indian wars, in which the prior human inhabitants of these areas were rounded up and moved onto reservations. The myth of the wilderness as "virgin," uninhabited land had always been especially cruel when seen from the perspective of the Indians who had once called that land home. Now they were forced to move elsewhere, with the result that tourists could safely enjoy the illusion that they were seeing their nation in its pristine, original state, in the new morning of God's own creation.²³ Among the things that most marked the new national parks as reflecting a post-frontier consciousness was the relative absence of human violence within their boundaries. The actual frontier had often been a place of conflict, in which invaders and invaded fought for control of land and resources. Once set aside within the fixed and carefully policed boundaries of the modern bureaucratic state, the wilderness lost its savage image and became safe: a place more of reverie than of revulsion or fear. Meanwhile, its original inhabitants were kept out by dint of force, their earlier uses of the land redefined as inappropriate or even illegal. To this day, for instance, the Blackfeet continue to be accused of "poaching" on the lands of Glacier National Park that originally belonged to them and that were ceded by treaty only with the proviso that they be permitted to hunt there.²⁴

The removal of Indians to create an "uninhabited wilderness"—uninhabited as never before in the human history of the place—reminds us just how invented, just how constructed, the American wilderness really is. To return to my opening argument: there is nothing natural about the concept of wilderness. It is entirely a creation of the culture that holds it dear, a product of the very history it seeks to deny. Indeed, one of the most striking proofs of the cultural invention of wilderness is its thoroughgoing erasure of the history from which it sprang. In virtually all of its manifestations, wilderness represents a flight from history. Seen as the original garden, it is a place outside of time, from which human beings had to be ejected before the fallen world of history could properly begin. Seen as the frontier, it is a savage world at the dawn of civilization, whose transformation represents the very beginning of the national historical epic. Seen as the bold landscape of frontier heroism, it is the place of youth and childhood, into which men escape by abandoning their pasts and entering a world of freedom where the constraints of civilization fade into memory. Seen as the sacred sublime, it is the home of a God who transcends history by standing as the One who remains untouched and unchanged by time's arrow. No matter what the

angle from which we regard it, wilderness offers us the illusion that we can escape the cares and troubles of the world in which our past has ensnared us.²⁵

This escape from history is one reason why the language we use to talk about wilderness is often permeated with spiritual and religious values that reflect human ideals far more than the material world of physical nature. Wilderness fulfills the old romantic project of secularizing Judeo-Christian values so as to make a new cathedral not in some petty human building but in God's own creation, Nature itself. Many environmentalists who reject traditional notions of the Godhead and who regard themselves as agnostics or even atheists nonetheless express feelings tantamount to religious awe when in the presence of wilderness—a fact that testifies to the success of the romantic project. Those who have no difficulty seeing God as the expression of our human dreams and desires nonetheless have trouble recognizing that in a secular age Nature can offer precisely the same sort of mirror.

Thus it is that wilderness serves as the unexamined foundation on which so many of the quasi-religious values of modern environmentalism rest. The critique of modernity that is one of environmentalism's most important contributions to the moral and political discourse of our time more often than not appeals, explicitly or implicitly, to wilderness as the standard against which to measure the failings of our human world. Wilderness is the natural, unfallen antithesis of an unnatural civilization that has lost its soul. It is a place of freedom in which we can recover the true selves we have lost to the corrupting influences of our artificial lives. Most of all, it is the ultimate landscape of authenticity. Combining the sacred grandeur of the sublime with the primitive simplicity of the frontier, it is the place where we can see the world as it really is, and so know ourselves as we really are—or ought to be.

But the trouble with wilderness is that it quietly expresses and reproduces the very values its devotees seek to reject. The flight from history that is very nearly the core of wilderness represents the false hope of an escape from responsibility, the illusion that we can somehow wipe clean the slate of our past and return to the tabula rasa that supposedly existed before we began to leave our marks on the world. The dream of an unworked natural landscape is very much the fantasy of people who have never themselves had to work the land to make a living—urban folk for whom food comes from a supermarket or a restaurant instead of a field, and for whom the wooden houses in which they live and work apparently have no meaningful connection to the forests in which trees grow and die. Only people whose relation to the land was already alienated could hold up wilderness as a model for human life in nature, for the romantic ideology of wilderness leaves precisely nowhere for human beings actually to make their living from the land.

This, then, is the central paradox: wilderness embodies a dualistic vision in which the human is entirely outside the natural. If we allow ourselves to believe that nature, to be true, must also be wild, then our very presence in

nature represents its fall. The place where we are is the place where nature is not. If this is so—if by definition wilderness leaves no place for human beings, save perhaps as contemplative sojourners enjoying their leisurely reverie in God's natural cathedral—then also by definition it can offer no solution to the environmental and other problems that confront us. To the extent that we celebrate wilderness as the measure with which we judge civilization, we reproduce the dualism that sets humanity and nature at opposite poles. We thereby leave ourselves little hope of discovering what an ethical, sustainable, *honorable* human place in nature might actually look like.

Worse: to the extent that we live in an urban-industrial civilization but at the same time pretend to ourselves that our *real* home is in the wilderness, to just that extent we give ourselves permission to evade responsibility for the lives we actually lead. We inhabit civilization while holding some part of ourselves—what we imagine to be the most precious part—aloof from its entanglements. We work our nine-to-five jobs in its institutions, we eat its food, we drive its cars (not least to reach the wilderness), we benefit from the intricate and all too invisible networks with which it shelters us, all the while pretending that these things are not an essential part of who we are. By imagining that our true home is in the wilderness, we forgive ourselves the homes we actually inhabit. In its flight from history, in its siren song of escape, in its reproduction of the dangerous dualism that sets human beings outside of nature—in all of these ways, wilderness poses a serious threat to responsible environmentalism at the end of the twentieth century.

By now I hope it is clear that my criticism in this essay is not directed at wild nature per se, or even at efforts to set aside large tracts of wild land, but rather at the specific habits of thinking that flow from this complex cultural construction called wilderness. It is not the things we label as wilderness that are the problem—for nonhuman nature and large tracts of the natural world *do* deserve protection—but rather what we ourselves mean when we use that label. Lest one doubt how pervasive these habits of thought actually are in contemporary environmentalism, let me list some of the places where wilderness serves as the ideological underpinning for environmental concerns that might otherwise seem quite remote from it. Defenders of biological diversity, for instance, although sometimes appealing to more utilitarian concerns, often point to “untouched” ecosystems as the best and richest repositories of the undiscovered species we must certainly try to protect. Although at first blush an apparently more “scientific” concept than wilderness, biological diversity in fact invokes many of the same sacred values, which is why organizations like the Nature Conservancy have been so quick to employ it as an alternative to the seemingly fuzzier and more problematic concept of wilderness. There is a paradox here, of course. To the extent that biological diversity (indeed, even wilderness itself) is likely to survive in the future only by the most vigilant and self-conscious management of the ecosystems that sustain it, the ideology of

wilderness is potentially in direct conflict with the very thing it encourages us to protect.²⁶

The most striking instances of this have revolved around "endangered species," which serve as vulnerable symbols of biological diversity while at the same time standing as surrogates for wilderness itself. The terms of the Endangered Species Act in the United States have often meant that those hoping to defend pristine wilderness have had to rely on a single endangered species like the spotted owl to gain legal standing for their case—thereby making the full power of sacred land inhere in a single numinous organism whose habitat then becomes the object of intense debate about appropriate management and use.²⁷ The ease with which anti-environmental forces like the wise-use movement have attacked such single-species preservation efforts suggests the vulnerability of strategies like these.

Perhaps partly because our own conflicts over such places and organisms have become so messy, the convergence of wilderness values with concerns about biological diversity and endangered species has helped produce a deep fascination for remote ecosystems, where it is easier to imagine that nature might somehow be "left alone" to flourish by its own pristine devices. The classic example is the tropical rain forest, which since the 1970s has become the most powerful modern icon of unfallen, sacred land—a veritable Garden of Eden—for many Americans and Europeans. And yet protecting the rain forest in the eyes of First World environmentalists all too often means protecting it from the people who live there. Those who seek to preserve such "wilderness" from the activities of native peoples run the risk of reproducing the same tragedy—being forceably removed from an ancient home—that befell American Indians. Third World countries face massive environmental problems and deep social conflicts, but these are not likely to be solved by a cultural myth that encourages us to "preserve" peopleless landscapes that have not existed in such places for millennia. At its worst, as environmentalists are beginning to realize, exporting American notions of wilderness in this way can become an unthinking and self-defeating form of cultural imperialism.²⁸

Perhaps the most suggestive example of the way that wilderness thinking can underpin other environmental concerns has emerged in the recent debate about "global change." In 1989 the journalist Bill McKibben published a book entitled *The End of Nature*, in which he argued that the prospect of global climate change as a result of unintentional human manipulation of the atmosphere means that nature as we once knew it no longer exists.²⁹ Whereas earlier generations inhabited a natural world that remained more or less unaffected by their actions, our own generation is uniquely different. We and our children will henceforth live in a biosphere completely altered by our own activity, a planet in which the human and the natural can no longer be distinguished, because the one has overwhelmed the other. In McKibben's view, nature has died, and we are responsible for killing it. "The planet," he declares, "is utterly different now."³⁰

But such a perspective is possible only if we accept the wilderness premise that nature, to be natural, must also be pristine—remote from humanity and untouched by our common past. In fact, everything we know about environmental history suggests that people have been manipulating the natural world on various scales for as long as we have a record of their passing. Moreover, we have unassailable evidence that many of the environmental changes we now face also occurred quite apart from human intervention at one time or another in the earth's past.³¹ The point is not that our current problems are trivial, or that our devastating effects on the earth's ecosystems should be accepted as inevitable or "natural." It is rather that we seem unlikely to make much progress in solving these problems if we hold up to ourselves as the mirror of nature a wilderness we ourselves cannot inhabit.

To do so is merely to take to a logical extreme the paradox that was built into wilderness from the beginning: if nature dies because we enter it, then the only way to save nature is to kill ourselves. The absurdity of this proposition flows from the underlying dualism it expresses. Not only does it ascribe greater power to humanity than we in fact possess—physical and biological nature will surely survive in some form or another long after we ourselves have gone the way of all flesh—but in the end it offers us little more than a self-defeating counsel of despair. The tautology gives us no way out: if wild nature is the only thing worth saving, and if our mere presence destroys it, then the sole solution to our own unnaturalness, the only way to protect sacred wilderness from profane humanity, would seem to be suicide. It is not a proposition that seems likely to produce very positive or practical results.

And yet radical environmentalists and deep ecologists all too frequently come close to accepting this premise as a first principle. When they express, for instance, the popular notion that our environmental problems began with the invention of agriculture, they push the human fall from natural grace so far back into the past that all of civilized history becomes a tale of ecological declension. Earth First! founder Dave Foreman captures the familiar parable succinctly when he writes,

Before agriculture was midwived in the Middle East, humans were in the wilderness. We had no concept of "wilderness" because everything was wilderness and *we were a part of it*. But with irrigation ditches, crop surpluses, and permanent villages, we became *apart from* the natural world. . . . Between the wilderness that created us and the civilization created by us grew an ever-widening rift.³²

In this view the farm becomes the first and most important battlefield in the long war against wild nature, and all else follows in its wake. From such a starting place, it is hard not to reach the conclusion that the only way human beings can hope to live naturally on earth is to follow the hunter-gatherers back into a wilderness Eden and abandon virtually everything that civiliza-

tion has given us. It may indeed turn out that civilization will end in ecological collapse or nuclear disaster, whereupon one might expect to find any human survivors returning to a way of life closer to that celebrated by Foreman and his followers. For most of us, though, such a debacle would be cause for regret, a sign that humanity had failed to fulfill its own promise and failed to honor its own highest values—including those of the deep ecologists.

In offering wilderness as the ultimate hunter-gatherer alternative to civilization, Foreman reproduces an extreme but still easily recognizable version of the myth of frontier primitivism. When he writes of his fellow Earth Firsters that "we believe we must return to being animal, to glorying in our sweat, hormones, tears, and blood" and that "we struggle against the modern compulsion to become dull, passionless androids," he is following in the footsteps of Owen Wister.³³ Although his arguments give primacy to defending biodiversity and the autonomy of wild nature, his prose becomes most passionate when he speaks of preserving "the wilderness experience." His own ideal "Big Outside" bears an uncanny resemblance to that of the frontier myth: wide open spaces and virgin land with no trails, no signs, no facilities, no maps, no guides, no rescues, no modern equipment. Tellingly, it is a land where hardy travelers can support themselves by hunting with "primitive weapons (bow and arrow, atlatl, knife, sharp rock)."³⁴ Foreman claims that "the primary value of wilderness is not as a proving ground for young Huck Finns and Annie Oakleys," but his heart is with Huck and Annie all the same. He admits that "preserving a quality wilderness experience for the human visitor, letting her or him flex Paleolithic muscles or seek visions, remains a tremendously important secondary purpose."³⁵ Just so does Teddy Roosevelt's rough rider live on in the greener garb of a new age.

However much one may be attracted to such a vision, it entails problematic consequences. For one, it makes wilderness the locus for an epic struggle between malign civilization and benign nature, compared with which all other social, political, and moral concerns seem trivial. Foreman writes, "The preservation of wildness and native diversity is *the* most important issue. Issues directly affecting only humans pale in comparison."³⁶ Presumably so do any environmental problems whose victims are mainly people, for such problems usually surface in landscapes that have already "fallen" and are no longer wild. This would seem to exclude from the radical environmentalist agenda problems of occupational health and safety in industrial settings, problems of toxic waste exposure on "unnatural" urban and agricultural sites, problems of poor children poisoned by lead exposure in the inner city, problems of famine and poverty and human suffering in the "overpopulated" places of the earth—problems, in short, of environmental justice. If we set too high a stock on wilderness, too many other corners of the earth become less than natural and too many other people become less

than human, thereby giving us permission not to care much about their suffering or their fate.

It is no accident that these supposedly inconsequential environmental problems affect mainly poor people, for the long affiliation between wilderness and wealth means that the only poor people who count when wilderness is *the* issue are hunter-gatherers, who presumably do not consider themselves to be poor in the first place. The dualism at the heart of wilderness encourages its advocates to conceive of its protection as a crude conflict between the "human" and the "nonhuman"—or, more often, between those who value the nonhuman and those who do not. This in turn tempts one to ignore crucial differences *among* humans and the complex cultural and historical reasons why different peoples may feel very differently about the meaning of wilderness.

Why, for instance, is the "wilderness experience" so often conceived as a form of recreation best enjoyed by those whose class privileges give them the time and resources to leave their jobs behind and "get away from it all"? Why does the protection of wilderness so often seem to pit urban recreationists against rural people who actually earn their living from the land (excepting those who sell goods and services to the tourists themselves)? Why in the debates about pristine natural areas are "primitive" peoples idealized, even sentimentalized, until the moment they do something unprimitive, modern, and unnatural, and thereby fall from environmental grace? What are the consequences of a wilderness ideology that devalues productive labor and the very concrete knowledge that comes from working the land with one's own hands?³⁷ All of these questions imply conflicts among different groups of people, conflicts that are obscured behind the deceptive clarity of "human" vs. "nonhuman." If in answering these knotty questions we resort to so simplistic an opposition, we are almost certain to ignore the very subtleties and complexities we need to understand.

But the most troubling cultural baggage that accompanies the celebration of wilderness has less to do with remote rain forests and peoples than with the ways we think about ourselves—we American environmentalists who quite rightly worry about the future of the earth and the threats we pose to the natural world. Idealizing a distant wilderness too often means not idealizing the environment in which we actually live, the landscape that for better or worse we call home. Most of our most serious environmental problems start right here, at home, and if we are to solve those problems, we need an environmental ethic that will tell us as much about *using* nature as about *not* using it. The wilderness dualism tends to cast any use as *ab*-use, and thereby denies us a middle ground in which responsible use and non-use might attain some kind of balanced, sustainable relationship. My own belief is that only by exploring this middle ground will we learn ways of imagining a better world for all of us: humans and nonhumans, rich people and poor, women and men, First Worlders and Third Worlders, white folks and people of

color, consumers and producers—a world better for humanity in all of its diversity and for all the rest of nature too. The middle ground is where we actually live. It is where we—all of us, in our different places and ways—make our homes.

That is why, when I think of the times I myself have come closest to experiencing what I might call the sacred in nature, I often find myself remembering wild places much closer to home. I think, for instance, of a small pond near my house where water bubbles up from limestone springs to feed a series of pools that rarely freeze in winter and so play home to waterfowl that stay here for the protective warmth even on the coldest of winter days, gliding silently through steaming mists as the snow falls from gray February skies. I think of a November evening long ago when I found myself on a Wisconsin hilltop in rain and dense fog, only to have the setting sun break through the clouds to cast an otherworldly golden light on the misty farms and woodlands below, a scene so unexpected and joyous that I lingered past dusk so as not to miss any part of the gift that had come my way. And I think perhaps most especially of the blown-out, bankrupt farm in the sand country of central Wisconsin where Aldo Leopold and his family tried one of the first American experiments in ecological restoration, turning ravaged and infertile soil into carefully tended ground where the human and the nonhuman could exist side by side in relative harmony. What I celebrate about such places is not *just* their wildness, though that certainly is among their most important qualities; what I celebrate even more is that they remind us of the wildness in our own backyards, of the nature that is all around us if only we have eyes to see it.

Indeed, my principal objection to wilderness is that it may teach us to be dismissive or even contemptuous of such humble places and experiences. Without our quite realizing it, wilderness tends to privilege some parts of nature at the expense of others. Most of us, I suspect, still follow the conventions of the romantic sublime in finding the mountaintop more glorious than the plains, the ancient forest nobler than the grasslands, the mighty canyon more inspiring than the humble marsh. Even John Muir, in arguing against those who sought to dam his beloved Hetch Hetchy valley in the Sierra Nevada, argued for alternative dam sites in the gentler valleys of the foothills—a preference that had nothing to do with nature and everything with the cultural traditions of the sublime.³⁸ Just as problematically, our frontier traditions have encouraged Americans to define “true” wilderness as requiring very large tracts of roadless land—what Dave Foreman calls “The Big Outside.” Leaving aside the legitimate empirical question in conservation biology of how large a tract of land must be before a given species can reproduce on it, the emphasis on big wilderness reflects a romantic frontier belief that one hasn’t really gotten away from civilization unless one can go for days at a time without encountering another human being. By teaching us to fetishize sublime places and wide open country, these peculiarly American ways of thinking about wilderness encourage us to adopt too high

a standard for what counts as “natural.” If it isn’t hundreds of square miles big, if it doesn’t give us God’s-eye views or grand vistas, if it doesn’t permit us the illusion that we are alone on the planet, then it really isn’t natural. It’s too small, too plain, or too crowded to be *authentically* wild.

In critiquing wilderness as I have done in this essay, I’m forced to confront my own deep ambivalence about its meaning for modern environmentalism. On the one hand, one of my own most important environmental ethics is that people should always be conscious that they are part of the natural world, inextricably tied to the ecological systems that sustain their lives. Any way of looking at nature that encourages us to believe we are separate from nature—as wilderness tends to do—is likely to reinforce environmentally irresponsible behavior. On the other hand, I also think it no less crucial for us to recognize and honor nonhuman nature as a world we did not create, a world with its own independent, nonhuman reasons for being as it is. The autonomy of nonhuman nature seems to me an indispensable corrective to human arrogance. Any way of looking at nature that helps us remember—as wilderness also tends to do—that the interests of people are not necessarily identical to those of every other creature or of the earth itself is likely to foster *responsible* behavior. To the extent that wilderness has served as an important vehicle for articulating deep moral values regarding our obligations and responsibilities to the nonhuman world, I would not want to jettison the contributions it has made to our culture’s ways of thinking about nature.

If the core problem of wilderness is that it distances us too much from the very things it teaches us to value, then the question we must ask is what it can tell us about *home*, the place where we actually live. How can we take the positive values we associate with wilderness and bring them closer to home? I think the answer to this question will come by broadening our sense of the otherness that wilderness seeks to define and protect. In reminding us of the world we did not make, wilderness can teach profound feelings of humility and respect as we confront our fellow beings and the earth itself. Feelings like these argue for the importance of self-awareness and self-criticism as we exercise our own ability to transform the world around us, helping us set responsible limits to human mastery—which without such limits too easily becomes human hubris. Wilderness is the place where, symbolically at least, we try to withhold our power to dominate.

Wallace Stegner once wrote of

the special human mark, the special record of human passage, that distinguishes man from all other species. It is rare enough among men, impossible to any other form of life. *It is simply the deliberate and chosen refusal to make any marks at all.* . . . We are the most dangerous species of life on the planet, and every other species, even the earth itself, has cause to fear our power to exterminate. But we are also the only species which, when it chooses to do so, will go to great effort to save what it might destroy.³⁹

The myth of wilderness, which Stegner knowingly reproduces in these remarks, is that we can somehow leave nature untouched by our passage. By now it should be clear that this for the most part is an illusion. But Stegner's deeper message then becomes all the more compelling. If living in history means that we cannot help leaving marks on a fallen world, then the dilemma we face is to decide what kinds of marks we wish to leave. It is just here that our cultural traditions of wilderness remain so important. In the broadest sense, wilderness teaches us to ask whether the Other must always bend to our will, and, if not, under what circumstances it should be allowed to flourish without our intervention. This is surely a question worth asking about everything we do, and not just about the natural world.

When we visit a wilderness area, we find ourselves surrounded by plants and animals and physical landscapes whose otherness compels our attention. In forcing us to acknowledge that they are not of our making, that they have little or no need of our continued existence, they recall for us a creation far greater than our own. In the wilderness, we need no reminder that a tree has its own reasons for being, quite apart from us. The same is less true in the gardens we plant and tend ourselves: there it is far easier to forget the otherness of the tree.⁴⁰ Indeed, one could almost measure wilderness by the extent to which our recognition of its otherness requires a conscious, willed act on our part. The romantic legacy means that wilderness is more a state of mind than a fact of nature, and the state of mind that today most defines wilderness is *wonder*. The striking power of the wild is that wonder in the face of it requires no act of will, but forces itself upon us—as an expression of the nonhuman world experienced through the lens of our cultural history—as proof that ours is not the only presence in the universe.

Wilderness gets us into trouble only if we imagine that this experience of wonder and otherness is limited to the remote corners of the planet, or that it somehow depends on pristine landscapes we ourselves do not inhabit. Nothing could be more misleading. The tree in the garden is in reality no less other, no less worthy of our wonder and respect, than the tree in an ancient forest that has never known an ax or a saw—even though the tree in the forest reflects a more intricate web of ecological relationships. The tree in the garden could easily have sprung from the same seed as the tree in the forest, and we can claim only its location and perhaps its form as our own. Both trees stand apart from us; both share our common world. The special power of the tree in the wilderness is to remind us of this fact. It can teach us to recognize the wildness we did not see in the tree we planted in our own backyard. By seeing the otherness in that which is most unfamiliar, we can learn to see it too in that which at first seemed merely ordinary. If wilderness can do this—if it can help us perceive and respect a nature we had forgotten to recognize as natural—then it will become part of the solution to our environmental dilemmas rather than part of the problem.

This will only happen, however, if we abandon the dualism that sees the tree in the garden as artificial—completely fallen and unnatural—and the

tree in the wilderness as natural—completely pristine and wild. Both trees in some ultimate sense are wild; both in a practical sense now depend on our management and care. We are responsible for both, even though we can claim credit for neither. Our challenge is to stop thinking of such things according to a set of bipolar moral scales in which the human and the non-human, the unnatural and the natural, the fallen and the unfallen, serve as our conceptual map for understanding and valuing the world. Instead, we need to embrace the full continuum of a natural landscape that is also cultural, in which the city, the suburb, the pastoral, and the wild each has its proper place, which we permit ourselves to celebrate without needlessly denigrating the others. We need to honor the Other within and the Other next door as much as we do the exotic Other that lives far away—a lesson that applies as much to people as it does to (other) natural things. In particular, we need to discover a common middle ground in which all of these things, from the city to the wilderness, can somehow be encompassed in the word “home.” Home, after all, is the place where finally we make our living. It is the place for which we take responsibility, the place we try to sustain so we can pass on what is best in it (and in ourselves) to our children.⁴¹

The task of making a home in nature is what Wendell Berry has called “the forever unfinished lifework of our species.” “The only thing we have to preserve nature with,” he writes, “is culture; the only thing we have to preserve wildness with is domesticity.”⁴² Calling a place home inevitably means that we will *use* the nature we find in it, for there can be no escape from manipulating and working and even killing some parts of nature to make our home. But if we acknowledge the autonomy and otherness of the things and creatures around us—an autonomy our culture has taught us to label with the word “wild”—then we will at least think carefully about the uses to which we put them, and even ask if we should use them at all. Just so can we still join Thoreau in declaring that “in Wildness is the preservation of the World,” for *wildness* (as opposed to wilderness) can be found anywhere: in the seemingly tame fields and woodlots of Massachusetts, in the cracks of a Manhattan sidewalk, even in the cells of our own bodies. As Gary Snyder has wisely said, “A person with a clear heart and open mind can experience the wilderness anywhere on earth. It is a quality of one’s own consciousness. The planet is a wild place and always will be.”⁴³ To think ourselves capable of causing “the end of nature” is an act of great hubris, for it means forgetting the wildness that dwells everywhere within and around us.

Learning to honor the wild—learning to remember and acknowledge the autonomy of the other—means striving for critical self-consciousness in all of our actions. It means that deep reflection and respect must accompany each act of use, and means too that we must always consider the possibility of non-use. It means looking at the part of nature we intend to turn toward our own ends and asking whether we can use it again and again and again—

sustainably—without its being diminished in the process. It means never imagining that we can flee into a mythical wilderness to escape history and the obligation to take responsibility for our own actions that history inescapably entails. Most of all, it means practicing remembrance and gratitude, for thanksgiving is the simplest and most basic of ways for us to recollect the nature, the culture, and the history that have come together to make the world as we know it. If wildness can stop being (just) out there and start being (also) in here, if it can start being as humane as it is natural, then perhaps we can get on with the unending task of struggling to live rightly in the world—not just in the garden, not just in the wilderness, but in the home that encompasses them both.

Constructing Nature: The Legacy of Frederick Law Olmsted

Anne Whiston Spirn

FREDERICK LAW OLMSTED (1822–1903) LEFT A LEGACY OF WONDERFUL places, from Central Park to Boston's "Emerald Necklace," from Niagara Falls to Yosemite. Few people now recognize these as built landscapes. Most are startled to learn that New York's Central Park was constructed, that even the Ramble is an "artful wilderness," and that Boston's Fens and Riverway were molded out of polluted mudflats, planted to grow into tidal marsh and floodplain forest. Even those few who recognize Central Park and the Fens as constructions are surprised at how extensively the experiences of Niagara Falls and Yosemite are shaped by design, for these have come to stand as monuments of nature untouched by human artifice.¹

Olmsted's contemporaries certainly recognized that landscapes like Central Park and the Fens were designed and built. After all, they were familiar with the previous appearances of those sites and the lengthy and ambitious process of transformation. However, this popular realization soon faded. Olmsted was so skillful at concealing the artifice that both the projects he had so brilliantly constructed and the profession he had worked so hard to establish became largely invisible. Today the works of the profession of landscape architecture are often not "seen," not understood as having been designed and deliberately constructed, even when the landscape has been radically reshaped. Many landmarks of landscape architecture are assumed to be works of nature or felicitous, serendipitous products of culture. This blindness prevents their appreciation as artful answers to knotty questions of conflicting environmental values and competing purposes.

4. Raymond Williams, "Ideas of Nature," in Raymond Williams, *Problems in Materialism and Culture* (London: Verso, 1980), 67.
5. Urban Design Forum, "Rocky Mountain Arsenal: Refuge Design for the 21st Century" (conference brochure dated Nov. 15–16, 1991).
6. See Sonia Nazario, "Two Neighborhoods, Two Destinies," *Los Angeles Times*, May 2, 1994, A14–15. The subtitles of Nazario's article are highly suggestive for the point I am trying to make: "Where Life Was Hopeful, Determination Is Winning Out" and "Where There Was Struggle, Now There Are Death Throes."
7. I borrow this striking observation from an anonymous article entitled "Disassembling California," *New Yorker*, Jan. 31, 1994; given the subject and the style, its author is almost certainly John McPhee.
8. Mike Davis, "Building Homes amid a Landscape of Fire Ecology," *Los Angeles Times*, Nov. 14, 1993, M1, M3.
9. *Oxford English Dictionary*. See also Williams, "Ideas of Nature"; Raymond Williams, *Keywords: A Vocabulary of Culture and Society* (New York: Oxford Univ. Press, 1976).
10. For a brilliant brief explication of these arguments, see Williams, "Ideas of Nature."
11. Mike Davis noted Los Angeles's paucity of public parks while leading our group on a daylong field trip through the city.
12. Reyner Banham, *Los Angeles: The Architecture of Four Ecologies* (New York: Penguin, 1971), 31.
13. "Welcome to Dove Canyon: A More Perfect World," Advertising Supplement, *Los Angeles Times*, May 14, 1994, V3.
14. "Welcome to Rancho Santa Margarita," Advertising Supplement, *Los Angeles Times*, April 9, 1994, FF1–FF2, FF10.
15. Rebecca Trounson and Mark I. Pinsky, "Gnatcatcher Taken off Threatened Species List," *Los Angeles Times*, May 3, 1994, A1, A20.
16. Frank Messina, "Laguna Niguel Trees Felled, Tempers Rise," *Los Angeles Times*, April 14, 1994, A1, A22.
17. From *The Californias*, a 144-page tourist brochure put out by the California Office of Tourism, quoted by Edward W. Soja, "Inside Expolis: Scenes from Orange County," in Michael Sorkin, ed., *Variations on a Theme Park: The New American City and the End of Public Space* (New York: Hill and Wang, 1992), 94.
18. For an accessible, albeit polemical, critique of these computer modeling techniques, see Patrick J. Michaels, *Sound and Fury: The Science and Politics of Global Warming* (Washington, D.C.: Cato Institute, 1992).
19. Jeff Outcalt, letter to the editor, *Time*, Feb. 21, 1994, 7.
20. Tom Gorman, "'Killer Bees' About to Join Facts of Life in Southland," *Los Angeles Times*, March 13, 1994, A1, A32.

21. "The Children? Or the Cub?" editorial, *New York Times*, May 29, 1994.
22. "UCI Tree Tour: A Natural History Walk in Aldrich Park" (Irvine: Univ. of California at Irvine, 1990).
23. Ibid.

The Trouble with Wilderness

1. Henry David Thoreau, "Walking," *The Works of Thoreau*, ed. Henry S. Canby (Boston: Houghton Mifflin, 1937), 672.
2. *Oxford English Dictionary*, s.v. "wilderness"; see also Roderick Nash, *Wilderness and the American Mind*, 3rd ed. (New Haven: Yale Univ. Press, 1982), 1–22; and Max Oelschlaeger, *The Idea of Wilderness: From Prehistory to the Age of Ecology* (New Haven: Yale Univ. Press, 1991).
3. Exodus 32:1–35, KJV.
4. Exodus 14:3, KJV.
5. Mark 1:12–13, KJV; see also Matthew 4:1–11; Luke 4:1–13.
6. John Milton, "Paradise Lost," *John Milton: Complete Poems and Major Prose*, ed. Merritt Y. Hughes (New York: Odyssey Press, 1957), 280–81, lines 131–42.
7. I have discussed this theme at length in "Landscapes of Abundance and Scarcity," in Clyde Milner et al., eds., *Oxford History of the American West* (New York: Oxford Univ. Press, 1994), 603–37. The classic work on the Puritan "city on a hill" in colonial New England is Perry Miller, *Errand into the Wilderness* (Cambridge: Harvard Univ. Press, 1956).
8. John Muir, *My First Summer in the Sierra* (1911), reprinted in *John Muir: The Eight Wilderness Discovery Books* (London: Diadem; Seattle: Mountaineers, 1992), 211.
9. Alfred Runte, *National Parks: The American Experience*, 2nd ed. (Lincoln: Univ. of Nebraska Press, 1987).
10. John Muir, *The Yosemite* (1912), reprinted in *John Muir: Eight Wilderness Discovery Books*, 715.
11. Scholarly work on the sublime is extensive. Among the most important studies are Samuel Monk, *The Sublime: A Study of Critical Theories in XVIII-Century England* (New York: Modern Language Association, 1935); Basil Willey, *The Eighteenth-Century Background: Studies on the Idea of Nature in the Thought of the Period* (London: Chatto and Windus, 1949); Marjorie Hope Nicolson, *Mountain Gloom and Mountain Glory: The Development of the Aesthetics of the Infinite* (Ithaca: Cornell Univ. Press, 1959); Thomas Weiskel, *The Romantic Sublime: Studies in the Structure and Psychology of Transcendence* (Baltimore: Johns Hopkins Univ. Press, 1976); Barbara Novak, *Nature and Culture: American Landscape Painting, 1825–1875*, (New York: Oxford Univ. Press, 1980).

12. The classic works are Immanuel Kant, *Observations on the Feeling of the Beautiful and Sublime* (1764), trans. John T. Goldthwait (Berkeley: Univ. of California Press, 1960); Edmund Burke, *A Philosophical Enquiry into the Origin of Our Ideas of the Sublime and Beautiful*, ed. James T. Boulton (1958; Notre Dame: Univ. of Notre Dame Press, 1968); William Gilpin, *Three Essays: On Picturesque Beauty; on Picturesque Travel; and on Sketching Landscape* (London, 1803).

13. See Ann Vileisis, "From Wastelands to Wetlands" (unpublished senior essay, Yale Univ., 1989); Runte, *National Parks*.

14. William Wordsworth, "The Prelude," bk. 6, in Thomas Hutchinson, ed., *The Poetical Works of Wordsworth* (London: Oxford Univ. Press, 1936), 536.

15. Henry David Thoreau, *The Maine Woods* (1864), in *Henry David Thoreau* (New York: Library of America, 1985), 640–41.

16. Exodus 16:10, KJV.

17. John Muir, *My First Summer in the Sierra*, 238. Part of the difference between these descriptions may reflect the landscapes the three authors were describing. In his essay elsewhere in this book, Kenneth Olwig notes that early American travelers experienced Yosemite as much through the aesthetic tropes of the pastoral as through those of the sublime. The ease with which Muir celebrated the gentle divinity of the Sierra Nevada had much to do with the pastoral qualities of the landscape he described.

18. Frederick Jackson Turner, *The Frontier in American History* (New York: Henry Holt, 1920), 37–38.

19. Richard Slotkin has made this observation the linchpin of his comparison between Turner and Theodore Roosevelt. See Slotkin, *Gunfighter Nation: The Myth of the Frontier in Twentieth-Century America* (New York: Atheneum, 1992), 29–62.

20. Owen Wister, *The Virginian: A Horseman of the Plains* (New York: Macmillan, 1902), viii–ix.

21. Theodore Roosevelt, *Ranch Life and the Hunting Trail* (1888; New York: Century, 1899), 100.

22. Wister, *Virginian*, x.

23. On the many problems with this view, see William M. Denevan, "The Pristine Myth: The Landscape of the Americas in 1492," *Annals of the Association of American Geographers* 82 (1992): 369–85.

24. Louis Warren, "The Hunter's Game: Poachers, Conservationists, and Twentieth-Century America," (Ph.D. diss., Yale University, 1994).

25. Wilderness also lies at the foundation of the Clementsian ecological concept of the climax. See Michael Barbour's essay in this volume, as well as my introduction.

26. On the many paradoxes of having to manage wilderness into order to maintain the appearance of an unmanaged landscape, see John C. Hendee et al., *Wilderness Management*, USDA Forest Service Miscellaneous Publication No. 1365 (Washington, D.C.: Government Printing Office, 1978).

27. See James Proctor's essay in this volume.

28. See Candace Slater's essay in this volume. This argument has been powerfully made by Ramachandra Guha, "Radical American Environmentalism: A Third World Critique," *Environmental Ethics* 11 (1989): 71–83.

29. Bill McKibben, *The End of Nature* (New York: Random House, 1989).

30. *Ibid.*, 49.

31. Even comparable extinction rates have occurred before, though we surely would not want to emulate the Cretaceous-Tertiary boundary extinctions as a model for responsible manipulation of the biosphere!

32. Dave Foreman, *Confessions of an Eco-Warrior* (New York: Harmony Books, 1991), 69 (italics in original). For a sampling of other writings by followers of deep ecology and/or Earth First!, see Michael Tobias, ed., *Deep Ecology* (San Diego: Avant Books, 1984); Bill Devall and George Sessions, *Deep Ecology: Living as if Nature Mattered* (Salt Lake City: Gibbs Smith, 1985); Michael Tobias, *After Eden: History, Ecology, and Conscience* (San Diego: Avant Books, 1985); Dave Foreman and Bill Haywood, eds., *Ecodefense: A Field Guide to Monkey Wrenching*, 2nd ed. (Tucson: Ned Ludd Books, 1987); Bill Devall, *Simple in Means, Rich in Ends: Practicing Deep Ecology* (Salt Lake City: Gibbs Smith, 1988); Steve Chase, ed., *Defending the Earth: A Dialogue between Murray Bookchin & Dave Foreman* (Boston: South End Press, 1991); John Davis, ed., *The Earth First! Reader: Ten Years of Radical Environmentalism* (Salt Lake City: Gibbs Smith, 1991); Bill Devall, *Living Richly in an Age of Limits: Using Deep Ecology for an Abundant Life* (Salt Lake City: Gibbs Smith, 1993); Michael E. Zimmerman et al., eds., *Environmental Philosophy: From Animal Rights to Radical Ecology* (Englewood Cliffs, N.J.: Prentice-Hall, 1993). A useful survey of the different factions of radical environmentalism can be found in Carolyn Merchant, *Radical Ecology: The Search for a Livable World* (New York: Routledge, 1992). For a very interesting critique of this literature (first published in the anarchist newspaper *Fifth Estate*), see George Bradford, *How Deep Is Deep Ecology?* (Ojai, Calif.: Times Change Press, 1989).

33. Foreman, *Confessions of an Eco-Warrior*, 34.

34. *Ibid.*, 65. See also Dave Foreman and Howie Wolke, *The Big Outside: A Descriptive Inventory of the Big Wilderness Areas of the U.S.* (Tucson: Ned Ludd Books, 1989).

35. Foreman, *Confessions of an Eco-Warrior*, 63.

36. *Ibid.*, 27.

37. See Richard White's essay in this volume, and compare its analysis of environmental knowledge through work with Jennifer Price's analysis of environmental knowledge through consumption. It is not much of an exaggeration to say that the wilderness experience is essentially consumerist in its impulses.

38. Cf. Muir, *Yosemite*, in *John Muir: Eight Wilderness Discovery Books*, 714.

39. Wallace Stegner, ed., *This Is Dinosaur: Echo Park Country and Its Magic Rivers* (New York: Knopf, 1955), 17 (italics in original).

40. Katherine Hayles helped me see the importance of this argument.

41. Analogous arguments can be found in John Brinkerhoff Jackson, "Beyond Wilderness," *A Sense of Place, a Sense of Time* (New Haven: Yale Univ. Press, 1994), 71–91, and in the wonderful collection of essays by Michael Pollan, *Second Nature: A Gardener's Education* (New York: Atlantic Monthly Press, 1991).
42. Wendell Berry, *Home Economics* (San Francisco: North Point, 1987), 138, 143.
43. Gary Snyder, quoted in *New York Times*, "Week in Review," Sept. 18, 1994, 6.

Constructing Nature

1. This essay draws from an unpublished lecture for the Frederick Law Olmsted National Historic Site in 1985, "Frederick Law Olmsted: The Legacy of a Pragmatic Visionary." Although many ideas were shaped by the discussions of 1994, I would like to thank Shary Berg, former director of the Olmsted Site, for inviting me to give the original lecture and for making the Olmsted Office archives available at a time when they were closed to scholars. I am also grateful to W. George Batchelor, my research assistant for the project in 1985, to Emily Stern, who helped with additional research in summer 1994 when I was a guest scholar at the Woodrow Wilson International Center for Scholars, and to Sylvia Palms for assistance in checking facts and assembling the illustrations for publication. I would also like to extend a special thanks to Bill Cronon, who as editor was always provocative, supportive, demanding, and collegial.
2. Olmsted was a product of his own time, place, and position in society. The specifics of his views on the moral value of natural scenery, for example, or on class and gender, seem naive and patronizing to a modern reader. Recently, scholars have criticized his social views, particularly in reference to the urban working class; see, for example, Roy Rosenzweig and Elizabeth Blackmar, *The Park and the People: A History of Central Park* (Ithaca: Cornell Univ. Press, 1992). Despite this critique, many of Olmsted's ideas, methods, and results remain models for contemporary practice.
3. Act of Congress quoted by Laura Wood Roper in her introductory note to "The Yosemite Valley and the Mariposa Big Trees: A Preliminary Report (1865) by Frederick Law Olmsted," *Landscape Architecture* 43 (1952): 12.
4. *Ibid.*, 21.
5. *Ibid.*, 24.
6. *Ibid.*, 12–13. Roper recounts the presumed history of the report and its suppression and describes how it was reconstructed and published for the first time in 1952.
7. Hans Huth, *Nature and the American: Three Centuries of Changing Attitudes*, new ed. (Lincoln: Univ. of Nebraska Press, 1990), 150.
8. Roper, "Yosemite Valley," 16.
9. *Ibid.*, 20. Such views were common at the time. See, for example, *The Home Book of the Picturesque; or, American Scenery, Art, and Literature* (New York: Putnam, 1851).

10. Olmsted's description of the positive effects of natural scenery may sound dated and naive, but recent studies have documented the beneficial effects of plants on human health and healing. Hospital patients who have windows with views of trees or other "natural" scenery have been shown to heal faster than patients who have views of buildings or no window at all. See Roger Ulrich and Russ Parsons, "Influences of Passive Experiences with Plants on Individual Well-being and Health," in Diane Relf, ed., *The Role of Horticulture in Human Well-being and Social Development* (Portland: Timber Press, 1992), 93–105.
11. Roper, "Yosemite Valley," 22.
12. Yosemite National Park generates twenty-five tons of garbage per day in mid-August; one-half of this comes from Yosemite Valley. Concessions contribute an additional ten tons per day. Don Fox, personal communication.
13. For a history and critique of such views, see the essays by Richard White and William Cronon in this volume.
14. Among the other members of this campaign were Frederick E. Church, whose paintings of Niagara Falls were part of this effort to focus attention on Niagara, and the publisher Samuel Bowles, who had been present when Olmsted read his report on Yosemite. Elizabeth McKinsey has traced the changing meanings of Niagara over time and pointed out that Niagara had already paled as an icon of the sublime by the middle of the nineteenth century. See her *Niagara Falls: Icon of the American Sublime* (New York: Cambridge Univ. Press, 1985).
15. See Olmsted's report in James T. Gardiner, *Special Report of New York State Survey on the Preservation of the Scenery of Niagara Falls* (Albany: Charles Van Benthuysen, 1880), 27–31. Gardiner, previously a member of the California State Geological Survey, had surveyed and mapped Yosemite at the request of the commission Olmsted chaired. He and Olmsted remained friends for many years. See Roper, "Yosemite Valley," 12.
16. Olmsted's lobbying took diverse forms. For example, he and Charles Eliot Norton paid young graduates of Harvard Theological Seminary to visit Niagara and write press releases describing the blighted conditions surrounding the falls.
17. Frederick Law Olmsted and Calvert Vaux, *General Plan for the Improvement of the Niagara Reservation* (Niagara Falls: Gazette Book and Job Office, 1887), 3. There was a good deal of friction between Olmsted and his partner Vaux at this time. His son John Charles Olmsted wrote to Vaux to try to smooth things over and described how hard his father was working on the Niagara report ("He can't take writing easily") and how important the writing was to him. See Letter from John Charles Olmsted to Calvert Vaux, Sept. 2, 1887, Olmsted Papers, Library of Congress.
18. Olmsted and Vaux, *General Plan*, 4.
19. *Ibid.*, 6–7.
20. *Ibid.*, 20.
21. *Ibid.*, 19.
22. *Ibid.*, 8.