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JOHN BURROUGHS

Of all the writers gathered in this book, none came close to being as popular in their day as John Burroughs (1837–1921), the man who reintroduced reading America to the natural world at the turn of the century. For several decades he may have been the most popular writer of any kind in the country—when he and President Theodore Roosevelt traveled across the U.S. by train in 1903, observers said the writer often drew more admirers at their whistle stops than the politician, soon to be returned to the White House. Burroughs was born in the sidehill farm country of the picturesque Catskills, where most of his best essays would be set. In 1863 he went to work in Washington as a clerk at the Currency Bureau, and during his decade in the capital he formed a close friendship with Walt Whitman, whose work he would herald throughout his life. He published his first collection of nature essays, *Wake-Robin*, in 1871; its success eventually let him move home to the Catskills, where he wrote many more of the charming pastoral pieces that earned him his following. They fit the tenor of their place—if John Muir was the craggy champion of the rugged West, John Burroughs is the lower-key bard of the lower-key, lower-elevation eastern mountains, the patron saint of the weekend cottage in the Berkshires. His gift for close observation and large meaning launched the nature essay as we know it, and his example launched a million people with knapsacks out into meadow and forest. Burroughs is not a sentimentalist, however—he was an indefatigable champion of both Whitman and Darwin, and his writing has slipped into undeserved obscurity in recent decades. Its quietness works quite powerfully in our over-amplified moment, his natural and fluent grace an implicit rebuke to an awful lot of more overheated prose.

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The Art of Seeing Things

I

I do not purpose to attempt to tell my reader how to see things, but only to talk about the art of seeing things, as one might talk of any other art. One might discourse about the art of poetry, or of painting, or of oratory, without any hope of making one's readers or hearers poets or painters or orators.

The science of anything may be taught or acquired by study; the art of it comes by practice or inspiration. The art of seeing things is not something that may be conveyed in rules and precepts; it is a matter vital in the eye and ear, yea, in the mind and soul, of which these are the organs. I have as little hope of being able to tell the reader how to see things as I would have in trying to tell him how to fall in love or to enjoy his dinner. Either he does or he does not, and that is about all there is of it. Some people seem born with eyes in their heads, and others with buttons or painted marbles, and no amount of science can make the one equal to the other in the art of seeing things. The great mass of mankind are, in this respect, like the rank and file of an army: they fire vaguely in the direction of the enemy, and if they hit, it is more a matter of chance than of accurate aim. But here and there is the keen-eyed observer; he is the sharpshooter; his eye selects and discriminates, his purpose goes to the mark.

Even the successful angler seems born, and not made; he appears to know instinctively the ways of trout. The secret is, no doubt, love of the sport. Love sharpens the eye, the ear, the touch; it quickens the feet, it steadies the hand, it arms against the wet and the cold. What we love to do, that we do well. To know is not all; it is only half. To love is the other half. Wordsworth's poet was contented if he might enjoy the things which others understood. This is generally the attitude of the young and of the poetic nature. The man of science, on the other hand, is contented if he may understand the things that others enjoy: that is his enjoyment. Contemplation and absorption for the one; investigation and

classification for the other. We probably all have, in varying degrees, one or the other of these ways of enjoying Nature: either the sympathetic and emotional enjoyment of her which the young and the artistic and the poetic temperament have, or the enjoyment through our knowing faculties afforded by natural science, or, it may be, the two combined, as they certainly were in such a man as Tyndall.

But nothing can take the place of love. Love is the measure of life: only so far as we love do we really live. The variety of our interests, the width of our sympathies, the susceptibilities of our hearts—if these do not measure our lives, what does? As the years go by, we are all of us more or less subject to two dangers, the danger of petrifaction and the danger of putrefaction; either that we shall become hard and callous, crusted over with customs and conventions till no new ray of light or of joy can reach us, or that we shall become lax and disorganized, losing our grip upon the real and vital sources of happiness and power. Now, there is no preservative and antiseptic, nothing that keeps one's heart young, like love, like sympathy, like giving one's self with enthusiasm to some worthy thing or cause.

If I were to name the three most precious resources of life, I should say books, friends, and nature; and the greatest of these, at least the most constant and always at hand, is nature. Nature we have always with us, an inexhaustible storehouse of that which moves the heart, appeals to the mind, and fires the imagination,—health to the body, a stimulus to the intellect, and joy to the soul. To the scientist Nature is a storehouse of facts, laws, processes; to the artist she is a storehouse of pictures; to the poet she is a storehouse of images, fancies, a source of inspiration; to the moralist she is a storehouse of precepts and parables; to all she may be a source of knowledge and joy.

II

There is nothing in which people differ more than in their powers of observation. Some are only half alive to what is going on around them. Others, again, are keenly alive: their intelligence, their powers of recognition, are in full force in eye and ear at all times. They see and

hear everything, whether it directly concerns them or not. They never pass unseen a familiar face on the street; they are never oblivious of any interesting feature or sound or object in the earth or sky about them. Their power of attention is always on the alert, not by conscious effort, but by natural habit and disposition. Their perceptive faculties may be said to be always on duty. They turn to the outward world a more highly sensitized mind than other people. The things that pass before them are caught and individualized instantly. If they visit new countries, they see the characteristic features of the people and scenery at once. The impression is never blurred or confused. Their powers of observation suggest the sight and scent of wild animals; only, whereas it is fear that sharpens the one, it is love and curiosity that sharpens the other. The mother turkey with her brood sees the hawk when it is a mere speck against the sky; she is, in her solicitude for her young, thinking of hawks, and is on her guard against them. Fear makes keen her eye. The hunter does not see the hawk till his attention is thus called to it by the turkey, because his interests are not endangered; but he outsees the wild creatures of the plain and mountain,—the elk, the antelope, and the mountain-sheep,—he makes it his business to look for them, and his eyes carry farther than do theirs.

We may see coarsely and vaguely, as most people do, noting only masses and unusual appearances, or we may see finely and discriminatingly, taking in the minute and the specific. In a collection of stuffed birds, the other day, I observed that a wood thrush was mounted as in the act of song, its open beak pointing straight to the zenith. The taxidermist had not seen truly. The thrush sings with its beak but slightly elevated. Who has not seen a red squirrel or a gray squirrel running up and down the trunk of a tree? But probably very few have noticed that the position of the hind feet is the reverse in the one case from what it is in the other. In descending they are extended to the rear, the toe-nails hooking to the bark, checking and controlling the fall. In most pictures the feet are shown well drawn up under the body in both cases.

People who discourse pleasantly and accurately about the birds and flowers and external nature generally are not invariably good ob-

servers. In their walks do they see anything they did not come out to see? Is there any spontaneous or unpremeditated seeing? Do they make discoveries? Any bird or creature may be hunted down, any nest discovered, if you lay siege to it; but to find what you are not looking for, to catch the shy winks and gestures on every side, to see all the by-play going on around you, missing no significant note or movement, penetrating every screen with your eye-beams—that is to be an observer; that is to have “an eye practiced like a blind man’s touch,”—a touch that can distinguish a white horse from a black,—a detective eye that reads the faintest signs. When Thoreau was at Cape Cod, he noticed that the horses there had a certain muscle in their hips inordinately developed by reason of the insecure footing in the ever-yielding sand. Thoreau’s vision at times fitted things closely. During some great fête in Paris, the Empress Eugénie and Queen Victoria were both present. A reporter noticed that when the royal personages came to sit down, Eugénie looked behind her before doing so, to see that the chair was really there, but Victoria seated herself without the backward glance, knowing there must be a seat ready: there always had been, and there always would be, for her. The correspondent inferred that the incident showed the difference between born royalty and hastily made royalty. I wonder how many persons in that vast assembly made this observation; probably very few. It denoted a gift for seeing things.

If our powers of observation were quick and sure enough, no doubt we should see through most of the tricks of the sleight-of-hand man. He fools us because his hand is more dexterous than our eye. He captures our attention, and then commands us to see only what he wishes us to see.

In the field of natural history, things escape us because the actors are small, and the stage is very large and more or less veiled and obstructed. The movement is quick across a background that tends to conceal rather than expose it. In the printed page the white paper plays quite as important a part as the type and the ink; but the book of nature is on a different plan: the page rarely presents a contrast of black and white, or even black and brown, but only of similar tints, gray upon gray, green upon green, or drab upon brown.

By a close observer I do not mean a minute, cold-blooded specialist,—

“a fingering slave,
One who would peep and botanize
Upon his mother’s grave,”—

but a man who looks closely and steadily at nature, and notes the individual features of tree and rock and field, and allows no subtle flavor of the night or day, of the place and the season, to escape him. His senses are so delicate that in his evening walk he feels the warm and the cool streaks in the air, his nose detects the most fugitive odors, his ears the most furtive sounds. As he stands musing in the April twilight, he hears that fine, elusive stir and rustle made by the angle-worms reaching out from their holes for leaves and grasses; he hears the whistling wings of the woodcock as it goes swiftly by him in the dusk; he hears the call of the kill-dee come down out of the March sky; he hears far above him in the early morning the squeaking cackle of the arriving blackbirds pushing north; he hears the soft, prolonged, lulling call of the little owl in the cedars in the early spring twilight; he hears at night the roar of the distant waterfall, and the rumble of the train miles across the country when the air is “hollow;” before a storm he notes how distant objects stand out and are brought near on those brilliant days that we call “weather-breeders.” When the mercury is at zero or lower, he notes how the passing trains hiss and simmer as if the rails or wheels were red-hot. He reads the subtle signs of the weather. The stars at night forecast the coming day to him; the clouds at evening and at morning are a sign. He knows there is the wet-weather diathesis and the dry-weather diathesis, or, as Goethe said, water affirmative and water negative, and he interprets the symptoms accordingly. He is keenly alive to all outward impressions. When he descends from the hill in the autumn twilight, he notes the cooler air of the valley like a lake about him; he notes how, at other seasons, the cooler air at times settles down between the mountains like a vast body of water, as shown by the level line of the fog or the frost upon the trees.

The modern man looks at nature with an eye of sympathy and love where the earlier man looked with an eye of fear and superstition.

Hence he sees more closely and accurately; science has made his eye steady and clear. To a hasty traveler through the land, the farms and country homes all seem much alike, but to the people born and reared there, what a difference! They have read the fine print that escapes the hurried eye and that is so full of meaning. Every horizon line, every curve in hill or valley, every tree and rock and spring run, every turn in the road and vista in the landscape, has its special features and makes its own impression.

Scott wrote in his journal: "Nothing is so tiresome as walking through some beautiful scene with a minute philosopher, a botanist, or a pebble-gatherer, who is eternally calling your attention from the grand features of the natural picture to look at grasses and chuckiestanes." No doubt Scott's large, generous way of looking at things kindles the imagination and touches the sentiments more than does this minute way of the specialist. The nature that Scott gives us is like the air and the water that all may absorb, while what the specialist gives us is more like some particular element or substance that only the few can appropriate. But Scott had his specialties, too, the specialties of the sportsman: he was the first to see the hare's eyes as she sat in her form, and he knew the ways of grouse and pheasants and trout. The ideal observer turns the enthusiasm of the sportsman into the channels of natural history, and brings home a finer game than ever fell to shot or bullet. He too has an eye for the fox and the rabbit and the migrating water-fowl, but he sees them with loving and not with murderous eyes.

III

So far as seeing things is an art, it is the art of keeping your eyes and ears open. The art of nature is all in the direction of concealment. The birds, the animals, all the wild creatures, for the most part try to elude your observation. The art of the bird is to hide her nest; the art of the game you are in quest of is to make itself invisible. The flower seeks to attract the bee and the moth by its color and perfume, because they are of service to it; but I presume it would hide from the excursionists and the picnickers if it could, because they extirpate it. Power of attention and a mind sensitive to outward objects, in these lies the

secret of seeing things. Can you bring all your faculties to the front, like a house with many faces at the doors and windows; or do you live retired within yourself, shut up in your own meditations? The thinker puts all the powers of his mind in reflection: the observer puts all the powers of his mind in perception; every faculty is directed outward; the whole mind sees through the eye and hears through the ear. He has an objective turn of mind as opposed to a subjective. A person with the latter turn of mind sees little. If you are occupied with your own thoughts, you may go through a museum of curiosities and observe nothing.

Of course one's powers of observation may be cultivated as well as anything else. The senses of seeing and hearing may be quickened and trained as well as the sense of touch. Blind persons come to be marvelously acute in their powers of touch. Their feet find the path and keep it. They come to know the lay of the land through this sense, and recognize the roads and surfaces they have once traveled over. Helen Keller reads your speech by putting her hand upon your lips, and is thrilled by the music of an instrument through the same sense of touch. The perceptions of school-children should be trained as well as their powers of reflection and memory. A teacher in Connecticut, Miss Aiken,—whose work on mind-training I commend to all teachers,—has hit upon a simple and ingenious method of doing this. She has a revolving blackboard upon which she writes various figures, numbers, words, sentences, which she exposes to the view of the class for one or two or three seconds, as the case may be, and then asks them to copy or repeat what was written. In time they become astonishingly quick, especially the girls, and can take in a multitude of things at a glance. Detectives, I am told, are trained after a similar method; a man is led quickly by a show-window, for instance, and asked to name and describe the objects he saw there. Life itself is of course more or less a school of this kind, but the power of concentrated attention in most persons needs stimulating. Here comes in the benefit of manual-training schools. To *do* a thing, to make something, the powers of the mind must be focused. A boy in building a boat will get something that all the books in the world cannot give him. The concrete, the definite, the

discipline of real things, the educational values that lie here, are not enough appreciated.

IV

The book of nature is like a page written over or printed upon with different-sized characters and in many different languages, interlined and cross-lined, and with a great variety of marginal notes and references. There is coarse print and fine print; there are obscure signs and hieroglyphics. We all read the large type more or less appreciatively, but only the students and lovers of nature read the fine lines and the footnotes. It is a book which he reads best who goes most slowly or even tarries long by the way. He who runs may read some things. We may take in the general features of sky, plain, and river from the express train, but only the pedestrian, the saunterer, with eyes in his head and love in his heart, turns every leaf and peruses every line. One man sees only the migrating water-fowls and the larger birds of the air; another sees the passing kinglets and hurrying warblers as well. For my part, my delight is to linger long over each page of this marvelous record, and to dwell fondly upon its most obscure text.

I take pleasure in noting the minute things about me. I am interested even in the ways of the wild bees, and in all the little dramas and tragedies that occur in field and wood. One June day, in my walk, as I crossed a rather dry, high-lying field, my attention was attracted by small mounds of fresh earth all over the ground, scarcely more than a handful in each. On looking closely, I saw that in the middle of each mound there was a hole not quite so large as a lead-pencil. Now, I had never observed these mounds before, and my curiosity was aroused. "Here is some fine print," I said, "that I have overlooked." So I set to work to try to read it; I waited for a sign of life. Presently I saw here and there a bee hovering about over the mounds. It looked like the honey-bee, only less pronounced in color and manner. One of them alighted on one of the mounds near me, and was about to disappear in the hole in the centre when I caught it in my hand. Though it stung me, I retained it and looked it over, and in the process was stung several times; but the pain was slight. I saw it was one of our native wild bees,

cousin to the leaf-rollers, that build their nests under stones and in decayed fence-rails. (In Packard I found it described under the name of *Andrena*.) Then I inserted a small weed-stalk into one of the holes, and, with a little trowel I carried, proceeded to dig out the nest. The hole was about a foot deep; at the bottom of it I found a little semi-transparent, membranous sac or cell, a little larger than that of the honey-bee; in this sac was a little pellet of yellow pollen—a loaf of bread for the young grub when the egg should have hatched. I explored other nests and found them all the same. This discovery was not a great addition to my sum of natural knowledge, but it was something. Now when I see the signs in a field, I know what they mean: they indicate the tiny earthen cradles of *Andrena*.

Near by I chanced to spy a large hole in the turf, with no mound of soil about it. I could put the end of my little finger into it. I peered down, and saw the gleam of two small, bead-like eyes. I knew it to be the den of the wolf-spider. Was she waiting for some blundering insect to tumble in? I say she, because the real ogre among the spiders is the female. The male is small and of little consequence. A few days later I paused by this den again and saw the members of the ogress scattered about her own door. Had some insect Jack the Giant-Killer been there, or had a still more formidable ogress, the sand-hornet, dragged her forth and carried away her limbless body to her den in the bank?

What the wolf-spider does with the earth it excavates in making its den is a mystery. There is no sign of it anywhere about. Does it force its way down by pushing the soil to one side and packing it there firmly? The entrance to the hole usually has a slight rim or hem to keep the edge from crumbling in.

As it happened, I chanced upon another interesting footnote that very day. I was on my way to a muck swamp in the woods, to see if the showy lady's-slipper was in bloom. Just on the margin of the swamp, in the deep shade of the hemlocks, my eye took note of some small, unshapely creature crawling hurriedly over the ground. I stooped down, and saw it was some large species of moth just out of its case, and in a great hurry to find a suitable place in which to hang itself up and give its wings a chance to unfold before the air dried them. I thrust a small twig in its

way, which it instantly seized upon. I lifted it gently, carried it to drier ground, and fixed the stick in the fork of a tree, so that the moth hung free a few feet from the ground. Its body was distended nearly to the size of one's little finger, and surmounted by wings that were so crumpled and stubby that they seemed quite rudimentary. The creature evidently knew what it wanted, and knew the importance of haste. Instantly these rude, stubby wings began to grow. It was a slow process, but one could see the change from minute to minute. As the wings expanded, the body contracted. By some kind of pumping arrangement air was being forced from a reservoir in the one into the tubes of the other. The wings were not really growing, as they at first seemed to be, but they were unfolding and expanding under this pneumatic pressure from the body. In the course of about half an hour the process was completed, and the winged creature hung there in all its full-fledged beauty. Its color was checked black and white like a loon's back, but its name I know not. My chief interest in it, aside from the interest we feel in any new form of life, arose from the creature's extreme anxiety to reach a perch where it could unfold its wings. A little delay would doubtless have been fatal to it. I wonder how many human geniuses are hatched whose wings are blighted by some accident or -untoward circumstance. Or do the wings of genius always unfold, no matter what the environment may be?

One seldom takes a walk without encountering some of this fine print on nature's page. Now it is a little yellowish-white moth that spreads itself upon the middle of a leaf as if to imitate the droppings of birds; or it is the young cicadas working up out of the ground, and in the damp, cool places building little chimneys or tubes above the surface to get more warmth and hasten their development; or it is a wood-newt gorging a tree-cricket, or a small snake gorging the newt, or a bird song with some striking peculiarity—a strange defect, or a rare excellence. Now it is a shrike impaling his victim, or blue jays mocking and teasing a hawk and dropping quickly into the branches to avoid his angry blows, or a robin hustling a cuckoo out of the tree where her nest is, or a vireo driving away a cowbird, or the partridge blustering about your feet till her young are hidden. One October morning I was walking

along the road on the edge of the woods, when I came into a gentle shower of butternuts; one of them struck my hat-brim. I paused and looked about me; here one fell, there another, yonder a third. There was no wind blowing, and I wondered what was loosening the butternuts. Turning my attention to the top of the tree, I soon saw the explanation: a red squirrel was at work gathering his harvest. He would seize a nut, give it a twist, when down it would come; then he would dart to another and another. Farther along I found where he had covered the ground with chestnut burs; he could not wait for the frost and the winds; did he know that the burs would dry and open upon the ground, and that the bitter covering of the butternuts would soon fall away from the nut?

There are three things that perhaps happen near me each season that I have never yet seen—the toad casting its skin, the snake swallowing its young, and the larvæ of the moth and butterfly constructing their shrouds. It is a mooted question whether or not the snake does swallow its young, but if there is no other good reason for it, may they not retreat into their mother's stomach to feed? How else are they to be nourished? That the moth larva can weave its own cocoon and attach it to a twig seems more incredible. Yesterday, in my walk, I found a firm, silver-gray cocoon, about two inches long and shaped like an Egyptian mummy (probably *Promethea*), suspended from a branch of a bush by a narrow, stout ribbon twice as long as itself. The fastening was woven around the limb, upon which it turned as if it grew there. I would have given something to have seen the creature perform this feat, and then incase itself so snugly in the silken shroud at the end of this tether. By swinging free, its firm, compact case was in no danger from woodpeckers, as it might have been if resting directly upon a branch or tree-trunk. Near by was the cocoon of another species (*Cecropia*) that was fastened directly to the limb; but this was vague, loose, and much more involved and net-like. I have seen the downy woodpecker assaulting one of these cocoons, but its yielding surface and webby interior seemed to puzzle and baffle him.

I am interested even in the way each climbing plant or vine goes up the pole, whether from right to left, or from left to right,—that is, with

the hands of a clock or against them,—whether it is under the law of the great cyclonic storms of the northern hemisphere, which all move against the hands of a clock, or in the contrary direction, like the cyclones in the southern hemisphere. I take pleasure in noting every little dancing whirlwind of a summer day that catches up the dust or the leaves before me, and every little funnel-shaped whirlpool in the swollen stream or river, whether or not they spin from right to left or the reverse. If I were in the southern hemisphere, I am sure I should note whether these things were under the law of its cyclones in this respect or under the law of ours. As a rule, our twining plants and toy whirlwinds copy our revolving storms and go against the hands of the clock. But there are exceptions. While the bean, the bittersweet, the morning-glory, and others go up from left to right, the hop, the wild buckwheat, and some others go up from right to left. Most of our forest trees show a tendency to wind one way or the other, the hard woods going in one direction, and the hemlocks and pines and cedars and butternuts and chestnuts in another. In different localities, or on different geological formations, I find these directions reversed. I recall one instance in the case of a hemlock six or seven inches in diameter, where this tendency to twist had come out of the grain, as it were, and shaped the outward form of the tree, causing it to make, in an ascent of about thirty feet, one complete revolution about a larger tree close to which it grew. On a smaller scale I have seen the same thing in a pine.

Persons lost in the woods or on the plains, or traveling at night, tend, I believe, toward the left. The movements of men and women, it is said, differ in this respect, one sex turning to the right and the other to the left.

I had lived in the world more than fifty years before I noticed a peculiarity about the rays of light one often sees diverging from an opening, or a series of openings, in the clouds, namely, that they are like spokes in a wheel, the hub, or centre, of which appears to be just there in the vapory masses, instead of being, as is really the case, nearly ninety-three millions of miles beyond. The beams of light that come through cracks or chinks in a wall do not converge in this way, but to the eye run parallel to one another. There is another fact: this fan-shaped display of

converging rays is always immediately in front of the observer; that is, exactly between him and the sun, so that the central spoke or shaft in his front is always perpendicular. You cannot see this fan to the right or left of the sun, but only between you and it. Hence, as in the case of the rainbow, no two persons see exactly the same rays.

The eye sees what it has the means of seeing, and its means of seeing are in proportion to the love and desire behind it. The eye is informed and sharpened by the thought. My boy sees ducks on the river where and when I cannot, because at certain seasons he thinks ducks and dreams ducks. One season my neighbor asked me if the bees had injured my grapes. I said, "No; the bees never injure my grapes."

"They do mine," he replied; "they puncture the skin for the juice, and at times the clusters are covered with them."

"No," I said, "it is not the bees that puncture the skin; it is the birds."

"What birds?"

"The orioles."

"But I haven't seen any orioles," he rejoined.

"We have," I continued, "because at this season we think orioles; we have learned by experience how destructive these birds are in the vineyard, and we are on the lookout for them; our eyes and ears are ready for them."

If we think birds, we shall see birds wherever we go; if we think arrowheads, as Thoreau did, we shall pick up arrowheads in every field. Some people have an eye for four-leaved clovers; they see them as they walk hastily over the turf, for they already have them in their eyes. I once took a walk with the late Professor Eaton of Yale. He was just then specially interested in the mosses, and he found them, all kinds, everywhere. I can see him yet, every few minutes upon his knees, adjusting his eye-glasses before some rare specimen. The beauty he found in them, and pointed out to me, kindled my enthusiasm also. I once spent a summer day at the mountain home of a well-known literary woman and editor. She lamented the absence of birds about her house. I named a half-dozen or more I had heard or seen in her trees within an hour—

the indigo-bird, the purple finch, the yellowbird, the veery thrush, the red-eyed vireo, the song sparrow.

"Do you mean to say you have seen or heard all these birds while sitting here on my porch?" she inquired.

"I really have," I said.

"I do not see them or hear them," she replied, "and yet I want to very much."

"No," said I; "you only *want to want* to see and hear them."

You must have the bird in your heart before you can find it in the bush.

I was sitting in front of a farmhouse one day in company with the local Nimrod. In a maple tree in front of us I saw the great crested flycatcher. I called the hunter's attention to it, and asked him if he had ever seen that bird before. No, he had not; it was a new bird to him. But he probably had seen it scores of times,—seen it without regarding it. It was not the game he was in quest of, and his eye heeded it not.

Human and artificial sounds and objects thrust themselves upon us; they are within our sphere, so to speak: but the life of nature we must meet halfway; it is shy, withdrawn, and blends itself with a vast neutral background. We must be initiated; it is an order the secrets of which are well guarded.

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