It is at the heart of all our experiences. It is not a substance: it does not enclose in itself the nature of things. Nor is it a late echo, added once the experience is accomplished. It is a rhythmic movement, regular and tireless, a wave without noise that goes to the limits of the horizon and comes back to us, to brush against our bodies and to explode into our lungs.

Without it, nothing would be possible in our life. Everything that happens to us has to mix with it, to take place within its space. Breath is the first activity of all living beings, the only one that can claim to meld itself with being. It is the only work that does not tire us, the only movement that has no end other than itself. Our life begins with a (first) breath and will end with a (last) breath. To live is to breathe and embrace in one's breath all the matter of the world.

It is not only the most elementary movement of any human body, it is also the first and the simplest of the acts of living beings—its paradigm, its transcendental form. Breath is, quite simply, the first name of being in

and what we, ever since scholasticism, call an intentional species are all portions of the world in the spirit, before the word, design, or action may restore to the cosmos these intensities. Sight is breath: it is to welcome light, the colors of the world, it is to have the force of letting oneself be pierced by its beauty, of choosing a portion and a portion only, of creating a form, of initiating a life starting from what we have extracted from the continuum of the world.

of breath: from perception to digestion, from thought is a repetition, intensification, and variation of what to pleasure, from speech to locomotion. Everything kinds of knowledge-from medicine to theology, from takes place in breath. This is why the most different separate from others through form, matter, and beingthat characterizes life in its most different forms, in the cosmology to philosophy-have used it as the noun mind [esprit]. But the first, most paradoxical attribute of recognize its status, people have made of it a substance most diverse languages (spiritus, pneuma, Geist). To through which everything opens up to life and mixes is not an object detached from others, but the vibration instant, animates the matter of the world. with the rest of the objects, the oscillation that, for an breath is its very lack of substance, its insubstantiality: it Everything in the realm of the living is the articulation

It is a vibration that touches, simultaneously, the living being and the world that surrounds it. In breath, for the duration of an instant, the animal and the cosmos are reunited; and they seal a different unity from the one marked by being or form. It is, however, with and in the same motion that living being and world consecrate

their separation. What we call life is only this gesture, through which a portion of matter distinguishes itself from the world with the same force that it uses to merge with it. To blow is to make the world, to fuse with it and to redesign our form, in a perpetual exercise. To breathe is to know the world, to penetrate and be penetrated by it and its mind [esprit]—to traverse it and to become for an instant, with this same impetus, the place in which the world becomes an individual experience. This operation is never final: the world, like the living being, is only the return of breath and of its possibility. Mind [Esprit].

Breath does not limit itself to the activity of the living: it defines the consistency of the world, too, and especially that. The space it traces coincides with the world milestones that one experiences. We reach out as far as our breath does. On the other hand, a world without breath would be nothing but a confused mass of objects in the process of decomposition. If it is thanks to breath that we are in the world, it is in and through breath that we have understood and fashioned the world. It is of breath that we have to enquire about the nature of the world: it is in breath that the world reveals itself, it is in breath that the world exists for us.

The innumerable beings that populate the cosmos, the most different and incomparable things, the most faraway moments and spaces, the most incompatible realities draw their unity from the infinite forms of breath. They melt into a world. As a superior unity of everything that is different—a supreme and unsurpassable unity of what is and what is not—it does not exist other than in and through breath.

The metaphysical space of breath is, above all, contradiction: breathing precedes every distinction between

soul [âme] and body, between mind [esprit] and object, between ideality and reality. It is not enough to proclaim the facticity of sense and its primacy over existence. Sense and existence always live as breath and in breath: they are its specific vibrations. The world is breath and all that exists in it exists in this form. The existence of the world is not a fact of the logical order: it is a pneumatological matter. Only breath can touch and feel the world, giving it existence. One can only breathe the world.

The ancients are not the only ones to have made breath into [sc. a principle of] the transcendental unity of the world and into the proof that, in this capacity, it is a living reality. In an unpublished fragment, Newton wrote: "Thus this Earth resembles a great animall or rather an inanimate vegetable, draws in aethereall breath for its dayly refreshment & vitall ferment & transpires again with gross exhalation."

But one has to wait for the more recent debate around the Gaia hypothesis to recognize that atmosphere constitutes the living unity of the world, the proof that the planet is determined by life. One of its first formulations, in an article that Lovelock and Margulis published in 1974 in the journal *Icarus*, asserts that the existence itself of atmosphere is proof of a "homeostasis on a planetary scale" and of the fact that "life has modulated the flow of energy and mass at the planetary surface." Atmosphere is the vital breath that animates the Earth in its totality.

The idea is quite old. Lamarck was, without a doubt, the first to define atmospheric and climatic space as

already written in his Mémoires, to Lamarck, this unity is engendered by the state of animals and plants that lived in these areas."5 According indirect causes of the existence of that matter. As he had have the organic faculties of living beings as direct and aggregation; and the forms of any matter at surface level leys, and mountains are exclusively the product of the veins, and parallel beds, and so on, as plains, hills, valin the earth's external crust in isolated accumulations, "the various compound mineral substances occurring the circulation of being arises from the discovery that als that hang over the planet as an immense fluid for crust and of the ensemble of gaseous and liquid materiof the most superficial layer of matter in the terrestrial and external surface?"4 The possibility of conceiving on the mineral substances which form the earth's crust tion: "What are the general effects of living organisms science he called hydrogeology—opens with this ques and life, between world and subjectivity. The treatise he dedicated to the science of this liminal spacethe site of a dynamic interconnection between matter

all the compounds one observes on the globe are due, be it directly or indirectly, to the organic faculties of living beings endowed with life. In effect, these beings form all materials, having the faculty of composing their own substance, and, to compose it, a part between them (plants) having the faculty of forming first combinations that they assimilate to their substance.⁶

This is not simply a matter of influence on the chemical composition. The presence of living beings does not limit itself to determining the aggregation of matter; it also defines its status. The world exists only in those

places where there are living beings—while the presence of life, for its part, transforms the very nature of space.

What we see here is a movement that operates contrary to the one described by Lamarck in his *Philosophie* soologique: it is no longer the living being's responsibility to adapt to environmental circumstances—the circumfusa of neo-Hippocratic medicine;⁷ rather the environment in its entirety has to become echo, halo, nureole for the mass of living beings—in other words, their atmosphere.

ticular, inversely or in opposition to animals": "If the and Boussingault, published in 1844. The authors start is the conclusion reached by one of the first analyses of atmosphere is what constantly engenders the living. This connected to what surrounds us, this is also because the combustion, the vegetable kingdom, in its turn, constianimal kingdom constitutes an immense apparatus of from the assertion that plants function "in every parenvironment: the Essai de statique chimique by Dumas the chemical relations between living beings and the of divine government expressing itself in the natural of a preestablished harmony, nor is it just the result tutes an immense apparatus of reduction." Their perfect plants and animals depends entirely on the atmosphere: economy, but the consequence of the fact that the life of integration is not just the simple supernumerary effect The opposite is also true. If we are atmospherically

What the one gives to the atmosphere, that the other takes from it; so that, surveying these facts from the loftiest point of view, and in connection with the physics of the globe, it would be imperative on us to say that, in so far as their truly organic elements are concerned, plants and animals

is nothing but the agriculture of atmosphere. fish is immersed in the sea. And what we call breathing the atmosphere. We are immersed in it exactly as the We do not inhabit the Earth, we inhabit the air through

especially as "a place of transformation of the planet by external cosmic forces. These forces mold and transform Earth," considering it not only as a material region but Vernadsky calls the biosphere "the exterior crust of the bustibles that collect the cosmic energy of the sun."12 sulfur, converting these gases into liquid and solid comand water, together with compounds of nitrogen and of atmospheric gases such as oxygen, carbon dioxide, phere: "Living matter builds bodies of organisms out the other end, life constitutes itself starting from atmosshort-wavelength radiation of celestial bodies."11 At the ozone that protects the biosphere from the harmful ates both the free oxygen in the Earth's crust, and also sion of life. In effect, green plants have created a new, an independent region of life"9 but is also an exprestransparent medium for life—atmosphere:10 "Life cre-Vernadsky. He recognized that "atmosphere is not radical approach of the Russian naturalist Vladimir the circulation of life, matter, and energy. This is the to think of the atmosphere as a system or a space tor that goes from the environment to living beings-means goes from living beings to the environment and the one To try and join the two movements-the one that

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of the planet."13 biosphere is sharply distinguished from that of the rest the faces of the earth and, as a result, the history of the

the surface of our planet." It is living matter that continuous disturbing effect on the chemical stability of pounds¹⁴ and that "exert a powerful permanent and bodies that are responsible for the creation of new comcalls living matter: the collection of organisms and living The principal source of this region is what Vernadsky

creates the colors and forms of nature, the associations structure of the crust, forms part of its mechanism, and phenomenon of the Earth's crust. It is closely bound to the chemical equilibrium on the crust in which the influence of cal processes of the Earth's crust. There is no substantial of animals and plants, and the creative labor of civilized this mechanism. Without life, the crustal mechanism of the fulfills functions of prime importance to the existence of life's work. Life is therefore not an external or accidental life is not evident and in which chemistry does not display humanity, and also becomes a part of the diverse chemi-Earth would not exist. 15

vegetation, the carrier of chlorophyll, makes direct matter can be regarded as a single entity in the mechaunbreakable link." is connected to this green part of life by a direct and nism of the biosphere, but only one part of life, green In this living mass, plants play a major role: "All living use of solar radiation. [...] The whole living world

world: it is the world as reality of mixture within which The atmosphere is not something that is added to the

and, even more, in their social mores. As Edme Guyot wrote, "the nature of the earth, the quality of its fruits, set up the majority of humans in their physical aspect behaviors, attitudes, and ideas. Climates engender and mind but can influence the human being, his or her elements-air, water, light, winds-do not engender tion in what is not human; the apparently nonspiritual life of the mind—is not autonomous, it has a foundanonhuman. The human sphere-culture, history, the themselves."20 Climate is here synonymous with the we call the operations of nature, than the very fruits on all the variations which may obstruct or favor what changes to which these qualities are liable, and, in short, much less dependent on the qualities of the air, on the all, it is important to recognize, as Abbé Jean-Baptiste diversity of approaches, doctrines, and historical conof Watsuji Tetsurô.19 Throughout the extraordinary phy of Ratzel as much as the metaphysical geography to Herder¹⁸ and was to nourish the political geograet locis,16 a vast tradition began to develop that runs Dubos would write, that "the human machine is not texts, this tradition concentrates on two ideas. First of from Aristotle to Montesquieu17 and from Vetruvius from the famous Hippocratic treatise De aere, aquis that comes from the nonhuman world. Thus, starting aesthetic fact, which thus no longer relates to anything hand as a purely human reality or as an exclusively thus excluded from their domain, and on the other climate, on the one hand as a purely natural fact, and keep trying to understand this nature, for instance the nature of the cosmos, the human sciences stubbornly conceiving of immersion and mixture as the authentic everything breathes. If the natural sciences have trouble

and the difference between climates have contributed to the variety of colors and to the diversity of figures and temperaments among all humans."²¹ The nonhuman is the cause of the multiplicity of life forms—not only in space but also in time and history.

existing, given and handed-down conditions."24 This not according to free choice, however, but under preevery society. Indeed humans create their own climate; conditioning of the shared space is the primal product of of all cultural life qua cultural life. "The symbolic airnal product of human coexistence and as the paradigm Sloterdijk conceived of atmosphere at once as an origisociability would have great success. For example, Peter the geometrical figure of absolute interiority shared environment is what Sloterdijk calls "sphere," someone is the most intimate perception of him."²³ The sociology made of the concept of atmosphere an absoof intellectual and sensory powers of man,"22 Simmel's of history, as Kant would say, a kind of "climatology idea of atmosphere as the originary dynamism of all lute medium of social perception: "the atmosphere of In radicalizing the Herderian approach, which makes

Spheres are by definition also morpho-immunological constructs. Only in immune structures that form interiors can humans continue their generational processes and advance their individuations. Humans have never lived in a direct relationship with "nature," and their cultures have certainly never set foot in the realm of what we call the bare facts; their existence has always been exclusively in the breathed, divided, torn-open and restored space.²⁵

Humans thus "flourish only in the greenhouse of their autogenous atmosphere." To live in society means to

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participate in the construction of these atmospheres; at the other end, the atmosphere is always a cultural fact. What is more, it embodies the impossibility of a state of nature: for Sloterdijk, climatization means the impossibility of getting access to the natural world. But plants demonstrate, on the contrary, that climatization—air-designing—is the living being's simplest act of existence, its most elementary nature.

Cultural reductionism is proper to a long tradition that makes of atmosphere "the fundamental concept of a new aesthetics." The atmosphere would be "the shared reality of the perceiver and the perceived. It is the reality of the perceived as the sphere of its presence and the reality of the perceiver insofar as he or she, in sensing the atmosphere, is bodily present in a particular way." This interpretation, which goes back to Léon Daudet, makes of atmosphere "knowledge of the skin, which is as tangential as knowledge of the mind [esprit] is and uses epithelial cells in the same way in which knowledge of the mind uses the roots of words." This faculty of synthetic knowledge

envelops space and time; it emanates at once from the universe and from us; and it is in us—consciousnesses, persons, populations—as an inclusion of the universal, as that something that connects after having specified, which is neither quantitative nor qualitative but participates in both at the same time and has, in life, a life of its own, dissimulated yet capable of being exposed, analogous to that of radium or the waves at the cryptoid heart of inanimate nature.²⁸

This emanation, "at once moral and organic—under its moral aspect tied to the whole of being; under its organic

inspect tied to epithelial and endothelial tissues" —is based on a cosmic accord. "The entire cutaneous surface makes us participants in a universal equilibrium, the adapted of outer and inner (adaequatio rei et ensus ['the conformity between thing and sense'])." 30

This psychological and gnoseological reduction of atmosphere seems to forget that atmosphere is fundamentally an *ontological* fact that concerns the status and mode of being of things, and not the manner in which they are perceived. If every act of knowledge is, by itself, a fact of atmosphere because it is an act of mixing between subject and object, the extension of the atmosphere's domain goes well beyond any act of knowledge.