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## *Mesology ( 風土論 ) in the light of Yamauchi Tokuryû's Logos and lemma*

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### *1. The origin of mesology ( fûdoron 風土論 )*

The question of milieu ( *fûdo* 風土 ) was first problematized as such on June 7th, 1848, in a lecture given by Charles Robin, a physician, at the inaugural session of the Société de Biologie in Paris, entitled *Sur la direction que se sont proposée en se réunissant les membres fondateurs de la Société de Biologie pour répondre au titre qu'ils ont choisi* ("On the direction intended by the founding members of the Société de Biologie in accordance with this title"). Robin expounded Auguste Comte's classification of sciences, dealing in the same spirit with the tasks of biology, among which the constitution of a study of milieux, for which he even invented the term *mésologie*.<sup>1</sup>

Although the birth of mesology can thus be dated, and though its object, the notion of milieu, is as we shall see not much more ancient, the question itself, on the other hand, goes back almost as far as ontology in European thought. Indeed, if one defines this question as that of *the relationship between beings and what surrounds them*, one can already find it in Plato's *Timaeus* under the name of *chôra* (χώρα). The basic meaning of this term is that of the territory of a *polis* (city-state), enabling it to exist in a relationship of mutual fitness. Concretely, *chôra* is, in the first place, the countryside which surrounds the city proper (*astu*), and which nourishes it. Plato uses this term by analogy as an ontological image, in which *chôra* becomes the nurse (*tithênê*) of relative Being (*genesis*), which was born, lives and is bound to die.

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1. Cangulihem 2002 : 72.

Differing from absolute Being (*ontôs on, eidos, idea*), which exists in itself and transcends space and time, *genesis* cannot exist without a *chôra*. Both are inseparable, and this relationship is ambivalent, since the *chôra* is not only the nurse or even the mother (*mêtêr*) of *genesis*, but also its imprint (*ekmageion*).<sup>2</sup>

As regards relative Being, *chôra*—in other words the milieu<sup>3</sup> of a certain being— is thus both one thing (a matrix) and its contrary (an imprint); i.e. both A and non-A. Here is an aporia which Plato does not surmount. Accordingly, he does not define *chôra*, only suggesting it by means of various metaphors, like those above, and leaving unresolved the contradiction between imprint and matrix. I have recently put forward<sup>4</sup> the hypothesis that this aporia comes from the fact that Plato's rationalism relying on the principle of the excluded middle, i.e. that there cannot exist a third term which would be both A and non-A, he could not intellectually admit the “third and other gender” (*triton allo genos*), neither absolute nor relative Being, which he nevertheless attributes to *chôra*.

I intend here to carry on with this hypothesis, by showing that this “third and other gender” is well and truly the reality of milieux, and that Yamauchi Tokuryû 山内得立's *Logos and lemma* (1974) allows us now to conceive of a *lemmic*—a logic of the affordances<sup>5</sup> or holds (*prises*, i.e. *λήμματα*, from *λαμβάνω*, take ; hence *lemma*) which we have on the reality of the concrete things of our milieu, contrasting with the abstractions of formal logic—; a *lemmic* susceptible to overcome *rationally* the aporias which the principle of the excluded middle and its ontological avatar, modern dualism, have bequeathed us; yet without being swallowed up in the illusion that it would suffice to capsize the logic of the identity of the subject into its enantiomer, the logic of the predicate (*jutsugo no ronri* 述語の論理), or “logic of place” (*basho no ronri* 場所の論理), in order to actualize the “overcoming of modernity” (*kindai no chōkoku* 近代の超克), as was

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2. More on this in Berque 2000a, chap. I.

3. I follow here Brisson's (1994: 175 ff) translation of *chôra* as “milieu spatial”.

4. Berque 2012.

5. The concept of affordance is due to Gibson 1979.

formerly professed by the Kyoto school (*Kyōto gakuha* 京都学派),<sup>6</sup> surrounding Nishida Kitarō 西田幾多郎.

## 2. Distinguishing milieu (*fūdo* 風土) and environment (*kankyō* 環境)

In the sense indicated above – the relationship of beings with what surrounds them –, the notion of milieu dates from the second half of the XVIII<sup>th</sup> century. Georges Canguilhem has expounded its history in *La connaissance de la vie*.<sup>7</sup> This notion derives from mechanics, where it already existed but under another name. Newton used in this respect the term *fluid*, the type of which being ether. The *Concise Oxford dictionary* (1964) defines the physical acceptance of ether as follows: “A medium assumed to permeate space & fill interstices between particles of air and other matter, medium in which electromagnetic waves are transmitted”.

For Newton, the problem was to explain distant interaction between two bodies. Canguilhem shows that, for Descartes, such a problem did not exist, since in the frame of his physics, the interaction between bodies could only result from direct contact, without a middle term. This vision is evidently related with Descartes' dualism. In fact, dualism eventually expelled ether out of physics.

However, in biology and in the humanities, the matter was not settled so simply. With Auguste Comte, milieu acquires the status of a universal and abstract principle of explanation in biology. Many naturalists conceived the relationship of living beings with their environment (called *milieu* in French in those times) in terms of reciprocity, like already did Comte himself, for whom an organism is fit to its milieu, and the milieu favourable to the organism. However, the general trend of European thought in that respect drifted toward a determinism in which the environment exerts, causally, an influence on the organism. This way of seeing was particularly remarkable in German geography; whence the expression “geographic determinism”.

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6. On this theme, see Berque ed., 2000, and particularly Berque 2002.

7. Canguilhem 2009, chap. III : « Le vivant et son milieu ».

On the contrary, “possibilism”, in the French school of geography, was later to show the limits of that conception; notably so Lucien Febvre’s (a historian in fact) *La Terre et l’évolution humaine* (*The Earth and human evolution*). However, since this amounted to stress the free will of the human subject, confronting an objective environment, one remained there within the frame of dualism. The accent which possibilism put on contingency did not constitute an explanatory principle, and in a sense, it even dodged the central problem posed since the origin by the notion of *chôra*. This tendency, after the second world war, was to lead the humanities to seeing that question only in terms of an arbitrary projection of the subject onto the object.

Yet, at about the same time, a radical change occurred both in the natural and the human sciences. The German naturalist Jakob von Uexküll (1864-1944), in 1934, summarized in a small book the leading ideas of his long research on the way which was to become ethology. Entitled *Streifzüge durch die Umwelten von Tieren und Menschen* (*Incursions in the milieux of animals and humans*),<sup>8</sup> this book stresses a revolutionary distinction between *Umgebung* (the objective data of the environment) and *Umwelt* (the ambient world, or milieu, proper to a given species, as it exists for that species). Correlatively, Uexküll introduces a whole series of concepts, like *Merkbild* (perceptive image), *Suchbild* (quest image), *Wirkbild* (action image), *Merkmal* (perceptive sign), *Fresston* (eating tone), *Wöhnton* (dwelling tone), etc. The general idea is that a species and its milieu are a mutual elaboration, in which the animal is not like a machine reacting to an action with a movement, but rather like a driver reacting to a signal with an operation.

This amounts clearly to overcome dualism. The reality of a milieu (*Umwelt*) lies below the dichotomy between subject and object, A and non-A. It is a third gender, a *triton allo genos* which cannot be grasped by modern dualism and its logic of the excluded middle. However, Uexküll himself did not draw the ontological and logical conclusions of his discovery; yet his thought influenced nonetheless

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8. In French, *Umwelt* was first rendered with *monde ambiant*, then with *milieu*. In Japanese, *Umwelt* in Uexküll’s sense is *kansékai* 環世界, not *kankyô* 環境. Yet, the ordinary use of *Umwelt* in German is that of *kankyô*, i.e. *Umgebung* in Uexküll’s sense.

philosophers like Heidegger, Deleuze, Agamben and others.<sup>9</sup>

It is not impossible that Watsuji Tetsurō and 辻哲郎 (1889-1960) may have heard of Uexküll during his stay in Germany, which lasted one year and a half in 1927-1928; but there is no evidence of it. It is explicitly in reaction to Heidegger that the Japanese philosopher, from 1928 on, started writing a series of articles which he gathered into a book published in 1935, *Fūdo. Ningengakuteki kōsatsu* 風土. 人間学的考察 (*Milieux. A study of the human linkage*). In this book, Watsuji introduces a founding distinction between *kankyō* 環境 (the environment, as abstractly objectified by modern science) and *fūdo* 風土 (the milieu, as concretely experienced by a certain society). This distinction is exactly homologous to that which Uexküll established between *Umgebung* and *Umwelt*, while Uexküll deals with the ontological level of the living in general, whereas Watsuji deals with that of the human in particular. In other words, culture and history in Watsuji are homologous to species and evolution in Uexküll, both posing, as we shall see later, the question of subjecthood (*shutaisei* 主体性) as a key to the reality of milieu (be it *fūdo* or *Umwelt*).

### 3. *Mediance and trajection*

Correlatively, Watsuji introduces the ontological concept of *fūdosei* 風土性, which he defines, in the first line of the book, as « the structural moment of human existence » (*ningen sonzai no kōzō keiki* 人間存在の構造契機). I have translated this concept in French with *médiance*,<sup>10</sup> a neologism derived from the Latin *medietas*, which means “half”. Watsuji’s idea is indeed that, in the human, *ningen* 人間, two aspects, or halves, are dynamically combined into a “moment” (like two forces in mechanics), one which is individual, the *bito* 人, and one which is collective, the *aida* 人間 or more concretely *aidagara* 間柄, i.e. the linkage intertwined between people and, through this linkage, between people and things, historically constituting a milieu (*fūdo*

9. On Uexküll’s influence on Heidegger, see AGAMBEN 2002. See also Heidegger 1992.

10. BERQUE 1986. The English and German versions of *Fūdo* have failed to translate this concept. The Spanish version renders it with *ambientalidad*.

風土). *Ningen* 人間 being properly the linkage of these two halves, human existence is necessarily medial (*fūdoteki* 風土的); hence the ontological concept of mediance (*fūdosei* 風土性).

With Watsuji, the theoretical approach of mediance is initially that of phenomenological hermeneutics. Nevertheless, seen from now, the above homology with Uexküll's approach gives it from the start a basis in the natural sciences, which has become more and more evident with the findings of ethology and the recent post-genomic revolution. Indeed biology, considering the formation of the living at all levels, attaches a growing importance to epigenetics, that is the processes of interaction between the living (the gene, the cell, the organism...) and its environment.<sup>11</sup> On the side of the humanities, to say nothing of phenomenology (particularly the bringing out of corporeality by Merleau-Ponty),<sup>12</sup> in Leroi-Gourhan's interpretation of the emergence of our species,<sup>13</sup> the coupling of the "animal body" (which is individual) with a "social body" (which is collective), made out of technical and symbolic systems externalizing the initial functions of the former, though expressed in positive terms which owe nothing to hermeneutic phenomenology, amounts in fact to Watsuji's mediance. Closer to the present, by linking to the biological notion of neoteny a very ancient idea according to which the human, at birth, is incomplete, Dany-Robert Dufour has shown in psychoanalytic terms that this entails structurally in the individual, in order to be complete, the need of an alienation to a "Big Other", which, for instance, monotheism has deified into God.<sup>14</sup> This coupling of an individual with a "Big Other", once more, amounts in fact to that which Watsuji calls "the structural moment of human existence": mediance.

For want of the concept itself, such approaches nevertheless all focus on the idea of mediance, and all show that conceiving of the human as a mere individual is definitely obsolete. On the contrary, the human is medial, and his degree of mediance is higher than that of any

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11. Boi 2008.

12. Merleau-Ponty 1945.

13. Leroi-Gourhan 1964.

14. Dufour 2005.

other living being, since, more than any other species, he has added to his animal body an interlace of technical and symbolic systems, all necessarily collective and constituent of his very existence; that is to say that he cannot live without this *medial body*: his eco-techno-symbolic milieu.

Nevertheless, contemporary ontology remains largely that of dualism and its correlative individualism. We are still far from accepting easily the idea that the reality which surrounds us is not that of an objective environment (*Umgebung*), constituted with *objects* confronted by an individual subject, but is that of a milieu, constituted with *things* which participate in our very Being because of our mediance. Heidegger's Dasein itself did not change much this vision, since, as Watsuji subtly remarked, the idea that the Dasein is a "Being toward death" (*Sein zum Tode*) is essentially individualistic. Mediance, on the other hand, entails that the human, on the contrary, is a "Being toward life" (*sei e no sonzai* 生への存在),<sup>15</sup> since the medial body outlives the animal body.

Mesology<sup>16</sup> (*fūdogaku* 風土学, or *fūdorōn* 風土論), on the other hand, has developed in this respect a conceptual apparatus which specifically takes into account the "third and other gender", between subject and object, which is that of the reality of human milieux, and which is entailed by our mediance. The things, indeed, participate in our medial body, that is our milieu. They are not only a physical *an-sich* (in-itself), but also an eco-techno-symbolic *für-uns* (for-ourselves). This is expressed by the concept of *trajectivity* (*tsūtaisei* 通態性)<sup>17</sup> : between the two theoretical poles of the objective and the subjective, of *an sich* and *für sich*, things are *trajective*.

Trajectivity means that the things exist according to the way we grasp them through our senses, mind, words and action. This grasp (*prise*) is analogous to a predication, the subject of which (S) is a thing as an object in itself (i.e. the *Umgebung*), and the predicate (P) the way that thing appears to us by dint of this grasp, or affordance. The reality *r*

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15. On this theme, see Berque *et al.* 2008.

16. About what follows, see Berque 1986, 2000a, 2010, 2011.

17. Berque 1986.

of the thing (i.e. our *Umwelt*) can thus be formulated as  $r = S/P$ , which reads : *reality is S taken as P*.

This is not the same as a subjective projection onto the object. Trajectivity results from a historical process, *trajection* (*tsûtaika* 通態化), in which indefinitely occurs a *subjectivation of the object*, *objectivation of the subject*, and a cumulative transmission of this change. Indeed, each new generation takes for granted (as a *Gebung*), i.e. as S, that which in fact has been constructed (S/P) by the former generations, and grasps it anew with its own predicates. Thus, the initial datum or *Gebung* (S) never ceases to evolve into S', S'', S''' etc., which is indefinitely grasped as P', P'', P''' etc. In other words, there indefinitely is an *assumption of S as P*, and *hypostasis (substantialisation)*<sup>18</sup> of P into S'; which can be formulated as (((S/P)/P')/P'')/P'''... and so on.

This means not only that the human, unlike Descartes' *cogito*, never confronts mere objects out there, but also that he himself is indefinitely constructed by his milieu, which he constructs in return, in a mutual elaboration, or *conrescence* (growing-together), the present state of which is nothing else than mediance.

Effectively, this "structural moment of human existence", mediance, has never ceased to evolve along history, always contingently, since the choice of P always depends on the concerned humans. On the other hand, this contingency has nothing in common with the arbitrariness of a mere subjective projection onto an object in itself, since a real thing is always already constructed (S/P, not S), and the human is necessarily medial, that is, constructed by that very relationship. This entails that, in this historical process, there is neither chance nor necessity, but, fair and square, that third and other gender which is *contingency*. Indeed, in the mediance and trajectivity of milieu and history, the things might always be otherwise than they are; yet, they are what they are (S/P) by dint of that history and in that milieu,

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18. "Subject" (*subjectum*, translating *hupokeimenon*) and "substance" (*substantia*, translating *hupostasis*) both proceed from the same image of something which "lies (*keimai*) below (*hupo*) and stands (*stasis*) below", i.e. the basis of things, about which something is predicated, which is neither that subject nor that substance. Therefore, for Aristotle, the predicate is not substantial, since the couple *subject/predicate* (in logic) is analogous to the couple *substance/accident* (in ontology).



in their own singular way.

The same principle applies, homologically, at the ontological level of the living in general, and the temporal scale of evolution.<sup>19</sup>

#### 4. *Logos and lemma*

If the ontological perspective thus opened by mesology seems to have effectively overcome modern dualism, what about its logical framework? What about, particularly, that “third and other gender” which the principle of the excluded middle has locked out for such a long time?

The question which one may at once make out is that the classical foundations of rationality in the West—the three principles of identity, contradiction and excluded middle already used by Aristotle for structuring the logic of the subject—do not enable us to grasp mediance nor trajectory. Yet the solution could not be to capsize the logic of the subject into a logic of the predicate, as Nishida attempted to; because the latter, as Nakamura Yūjirō 中村雄二郎<sup>20</sup> aptly remarked, boils down to the metaphors of a “palaeologic” (this term is borrowed from the psychoanalyst Arieti) which, for sure, is at work in all human minds and which, consequently, we have to acknowledge, be it as the unconscious, but which certainly cannot replace the logic of the subject as for rational thinking.

However, Nishida made a decisive point for what concerns mesology: he has shown that the world is predicative (*jutsugo sekai* 述語世界). Seeing the things that way enables one to understand, among others, that obscure “dispute” (*Streit*) which Heidegger, in *The origin of the work of art*, imagines between the earth and the world,<sup>21</sup> and which

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19. We cannot develop this question here. Let us only stress that such a view differs from that of standard neo-darwinism, in which the question is posed in mechanistic terms, that is in terms of *Umgebung* instead of *Umwelt*. However, owing to the post-genomic and epigenetic revolution, the theory of evolution is undergoing a profound change. See for instance Jablonka & Lamb 2005, and Paldi 2009.

20. Nakamura 1989 : 194.

21. Heidegger 1962 : 53. My interpretation is more explicitly argued in Berque 2000a,

is nothing else than the relation between S (the earth or the *Umgebung*, the aboriginal subject of human predication) and P (the world or the *Umwelt*, that is the whole of human predicates); in other words, it is the reality S/P, in which the “dispute” corresponds to the trajection of S into P, and P into S: Dispute indeed there is, since this relation cannot be reduced to identity: it is a “moment”, always dynamic.

But then, what is the logical nature of the holds which we have on reality? These affordances which the concrete things of our milieu afford us, indeed, cannot be reduced to the identity of the object (in other words, to S); however, they cannot be reduced either to the identity of the predicate (the way of grasping S), since, as we have seen above, in the process of trajection, S is indefinitely assumed as P, P', P'', P''' etc, and P is indefinitely hypostatized into S', S'', S'''... and so on.

Now, if one excepts the concept of trajection itself, this process is enlightened by the “logic of the lemma” (*renma no ronri* レンマの論理) – let us say straight out the *lemmic*, since it is precisely not a “logic” in the sense of logic of the logos, *rogosu no ronri* ロゴスの論理—which Yamauchi Tokuryû 山内得立 put forward in *Logos and lemma*. The logic of the logos keeps to the three principles of identity, contradiction and excluded middle. This is the case even in Hegelian dialectic, where synthesis does not make thesis and antithesis coexist, but sursumes (*aufhebt*, 止揚する) them, i.e. abolishes and heightens them at the same time, thus respecting the principle of the excluded middle.<sup>22</sup>

Yamauchi shows that this impossibility to admit middle terms (which are both A and non-A) follows from the very deployment of the logos (chap. II, *Rogosu no tenkai* ロゴスの展開), which has led it to pose itself in itself, in an abstract and formal logic, decoupled from things, and confronting objects. This amounted to absolutize language (*logos*). Eastern thought, on the other hand, particularly in Buddhism, was careful not to do so.<sup>23</sup> This is illustrated by Nagarjuna’s tetralemma

chap. 5.

22. The discovery of quantic intrication has led some European thinkers, e.g. Stéphane Lupasco, to imagine a logic which would admit middle terms (both A and non-A). On this point, see Nicolescu 2009. I keep here to Yamauchi’s thesis.

23. In particular, it did not consider language as the privilege of the sole zôon logon

(*catuṣkoṭi*, *shiku* 四句 or *shiku bunbetsu* 四句分別), which deconstructs any “logic” in a series of four lemmas: A (assertion), non-A (negation), neither A nor non-A (binegation), both A and non-A (biassertion). Only the first and second of these lemmas can be admitted in “logic”, where they correspond to the principles of identity and contradiction. The third and fourth lemmas, which transcend these principles, correspond to what Buddhism calls “supreme truth”, *paramārtha* (*shōgi* 勝義).

Contrary to most commentators in this respect,<sup>24</sup> Yamauchi places binegation (neither A nor non-A) not in fourth, but in third position. He shows indeed that the latter is the node of the tetralemma, because it is that which not only makes biassertion (both A and non-A) possible, but makes it a real deployment; since if binegation was in the fourth place, the tetralemma would endlessly repeat the same loops.

One cannot here delve further in the details of a book of 400 pages on such a topic. Yamauchi's central idea is that the tetralemma makes possible an overcoming of the limitations of the logos. There is much to learn there from the point of view of mesology, as we shall see later; but let us straightaway draw a frontier. That is, for Yamauchi, the two last lemmas do express a supreme truth, i.e. an absolute. In doing so, his lemmic adopts just as it is the position of Buddhism, which is a religion. There hides a mystic leap, which mesology refuses to accomplish. For mesology, absolutizing whatever knowledge one may have is out of the question, since the very fact of knowing S establishes it in the perspective (S/P) of a certain predicate P;<sup>25</sup> were it purely non-verbal like in mystic ecstasy or in Zen *satori* 悟り. In what follows, we shall keep modestly to a profane and agnostic use of the tetralemma, that is, to pose reality as S/P.

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*echôn* (i.e. the human, that “animal possessing language”). One can find already in ancient Vedic hymns passages like the following: “The gods begot the goddess Speech. Creatures of all sorts speak her” (quoted in Filliozat 1992 : 17), in which one could scent a distant premonition of what biosemiotics was to discover much later...

24. E.g. NEF 2011, and all the authors quoted in this book. In Nagarjuna, the order of the last two lemmas seems rather flexible, but according to Yamauchi, it is nevertheless he who established the lemmatic reasoning proper, with biassertion in the last place.

25. This is what, in physics, is established by Heisenberg's principle of uncertainty.

### 5. Conclusion: meso-logic is a lemmic

The eco-techno-symbolic holds which our milieu affords us do not concern language only (as does predication in the strict sense), but also, at the same time, our senses, mind and action. Accordingly, they cannot be reduced to the abstraction of logos, as in particular is illustrated by their symbolicity. In symbols indeed, A is always at the same time non-A (fourth lemma: biassertion). More widely, as the *An-sich* of a thing (that which would be the pure identity of S) cannot be accessible if not as S/P, reality necessarily overcomes the principle of identity: S supposes P, which supposes S. Between S and P, there is not only relation (*sôtai* 相對), but interdependence, or even, in the historic-medial concrescence of things and Being, that which Yamauchi calls *sôdai* (相待): a coawaiting.

Coawaitingness (*sôdaisei* 相待性) is one of the most powerful concepts of *Logos and lemma*. One can fruitfully put it side by side with mediance, since between animal body and medial body, there is indeed a coawaiting. This is in fact what, without knowing these concepts nor their authors, Leroi-Gourhan had shown in his interpretation of the emergence of our species. One can summarize his theory as follows: in this process, there occurred a feedback—in other words, a coawaiting—between the *anthropization* of the environment by technique, the *humanization* of the environment by symbol, and the *hominization* of the animal body into our present shape. Put into light a few decades ahead of schedule, this evolutionary coawaiting, or concrescence, is nothing else than the paradoxical principle of these *self-referential loops* which, in the last quarter of a century, have come to the forefront in the theory of evolution, granting a growing importance to the intrication of epigenesis, phylogenesis and ontogenesis.<sup>26</sup> This perspective is properly mesological, since it doubly fits the concepts of mediance on the one hand (with the spatial complementarity of the organism and its milieu), and trajection on the other hand (with the temporal interaction of the epigenetic and the genetic, as well as that of the individual and the specic).

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26. On these paradoxical loops, see in particular Le Guyader 2012, chap. 19 to 21.

In other words, just as does history according to Watsuji, evolution also could well be a matter of milieu (thus of motivation and contingency) rather than of environment (thus of consecution, in the mechanical alternative of chance and necessity). Isn't, after all, self-reference another name for subjecthood (*shutaisei* 主体性)? And, at the ontological level of the human, didn't Watsuji pose subjecthood as the key of milieu, just like Uexküll did at the level of the living in general? This perspective could lead to rediscovering some of Imanishi Kinji 今西錦司's theses, since, at the level of the living in general, he posed subjecthood as the key of evolution,<sup>27</sup> while speaking correlatively of "environmentalization of the subject, subjectivation of the environment" (*shutai no kankyōka, kankyō no shutaika* 主体の環境化、環境の主体化), which in fact is strictly homologous to Leroi-Gourhan's thesis, both processes being, moreover, nothing else than that of trajection in the perspective of mesology.

In conclusion, what does Yamauchi contribute to mesology? Both a confirmation, and several paths for more research in the coming years. The confirmation is that the bimillenary locking out of the "third and other" gender of *chōra* by Western rationalism, and in particular by modern dualism, can *rationaly* be overcome by means of the tetralemma, in which A, at the same time, is and is not non-A. What invites, more: what summons us to do so is physics itself (with the paradoxical ambivalence wave/particle, etc.), and so much the more the homology between Uexküll's ethology and Watsuji's mesology. For sure, even when Yamauchi speaks of a "concept of middle" (*chū no gainen* 中の概念, chap. IX), he does not have in mind the question of milieu in Watsuji's sense. Yet the whole purpose of *Logos and lemma* enlightens the *meso-logic* –the logic of milieu<sup>28</sup> –which, indeed, Watsuji himself did not elaborate, but which has taken shape in more recent developments of mesology. It should prove fruitful, for instance, to compare what Yamauchi names "logic of *soku*" (*soku no ronri* 即の論理, chap. XI) with what mesology calls *l'en-tant-que écouménal* (the

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27. Imanishi 1980.

28. *Milieu* in French also means "middle".

ecumenal ‘as’),<sup>29</sup> the type of which is S/P (read “S as P”, *S en tant que P*). In the trajective relationship of S and P, the subject (the Earth, the *Umgebung*, nature...) *is and is not* the predicate (our world). In short, S *soku* P. In this respect, the immense heritage of Eastern thought cannot but enrich contemporary research, which on the other hand can bank on the most recent problematics of the natural sciences. A real coawaiting (that is, many paths for more research) is thus standing out between the East and the West—with all due respect to Kipling’s famous *East is East, and West is West, and never the twain shall meet...*

For all that, it is the very idea of lemma which enlightens mesology. As we have seen, this word derives from a verb which means “to take”. Medial holds (*prises médiales, fūdoteki tegakari* 風土の手懸り), that is, the affordances of our milieu, precede and found logical reasoning; which exactly amounts to Yamauchi’s thesis, according to which lemma precedes and founds logos. It also amounts to the general thesis of phenomenology, as exposed for instance by Husserl in *Die ur-arche Erde bewegt sich nicht* (1934): the archae-originary Earth does not move, and we have hold on this soil (*Boden*). These medial holds, indeed, function beneath our consciousness, and thus beneath any rationalism. Relying unconsciously on these holds, we take them for granted, i.e. as a *Gebung* (a gift), in other words as an S, although it is our own history (and, beneath, the evolution of our species) which has elaborated them into S/P, just for indefinitely hypostatizing them into S’, S”, S''' and so on. These hypostases— these substantializations into S of the insubstantial P—correspond to what Yamauchi, taking up a Buddhistic term, calls *aji* 依止 (also read *esbi*), which translated the sanskrit *nīśraya*. Girard (2008) renders this term with “appui” (support), and quotes the following example:<sup>30</sup> “It is because they are without a proper nature that (all the *dharmas*) arise / The anterior gives support to the posterior (*wu ziti gu cheng / qian wei hou yizhi* 無自体故成、前為後依止)”.

Effectively, in human milieux, as in living milieux in general,

29. In mesology, the ecumene is the total combination of all milieux on Earth; that is, the relationship of Humankind with the Earth.

30. Which he draws from *Mahāyānasūtrālamkāra*, XI-51, T. XXXI, n°1604, p. 615a et 623a.

reality does not possess a proper nature (it is not the *An-sich* of an object as a pure S), since it results from a trajection: the assumption of S as P, the hypostasis of P into S', and so on. Nevertheless, we count on its holds (S/P); in other words, on the supports it affords our existence, by dint of what is called in mesology *calage trajectif* (trajective wedging, i.e. the hypostasis of P into S'). The difference between these wedges and the *ěji* of Buddhism is that, as Yamauchi shows, the latter ultimately proceed from the absoluteness (*zettaisei* 絶対性), or rather, as he prefers to say, from the abtentivity or abwaitingness (*zetsudaisei* 絶待性) of the void (*kū* 空), whereas mesology cannot bring itself to the mystic leap which would lead beyond the relation S/P: it will always suppose that P wedges itself on S, were it forever an S', that is, forever already S/P, never a pure S. Minus absoluteness, this amounts all the same to what says the third lemma, that of binegation, since S/P is neither S nor P, but forever already their trajection. And it also amounts to saying what Yamauchi says when he places this third lemma before that of biassertion; because it is indeed this double negation of S and P which makes possible the overcoming of their respective identity, thus the concrescence of the reality S/P, in which trajectively, and definitely beyond modernity, words and things, the things and our existence are coawaiting, all this producing historically that "third and other gender" which is nothing else than the mediance of our milieu: both the imprint and the matrix (fourth lemma: biassertion) of our *genesis*.

*Palaiseau, 2 November 2012.*

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