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The Nature of "The Goodness Experience in Nature"

A Phenomenological Inquiry Grounded in Eugene Gendlin's Ideas

Research Thesis in Partial Fulfillment of the Requirements for the Degree of Master of Science in Landscape Architecture

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Abstract

This research began from a vague sense of curiosity I had towards a commonly known phenomena: some environments have a definite positive effect on me, while others do not. In such wellness inspiring places, I become filled with a distinctive, bodily sense of well-being that sometimes lingers long after my visit, like an aftertaste. This experience may be described as similar to itself in the same way that satiety is similar to itself, irrespective of the food we ate. In my case, it was particularly pronounced in natural environments, although not exclusively so.

For many years I had not given this phenomena much thought, as I considered it a personal preference such as a personal-taste in music or art. Yet, as a practicing landscape architect, I have spent the major part of my career designing public spaces, aiming to provide the greatest possible sense of well-being to most users. Designing with such an intention I had always referred back to that particular sense and preference I knew from my own personal experience. I began to question what it is exactly that I do, as this design approach resulted with some success, in the form of parks such as "Kiryat Sefer" and "Sderot Hahaskala" in Tel Aviv, which have received wide acclaim for possessing a particular ephemeral quality: providing a sense of well-being.

It began to appear that that "personal taste" I applied in my professional practice, had a clear, sustainable effect on many people. Although I had tried many times to explain to myself and others what it is exactly that I and so many other professionals practiced intuitively, I could not but sense that there was a concrete knowledge I had, which I had no words or concepts to describe. I began to suspect that there was something universal about it. Just like everyone feels hunger and satiety, irrespective of age, gender, culture, etc, and despite the fact that different people like to eat different things. I assumed that that goodness-feeling-in-place may also contain features of a universal nature in a similar way.

I began this journey with a very practical purpose: to try to explain, or at least to describe the phenomena, in order to improve my ability to design good places. As I began to unravel some of the complex tangle of experience, the prior need to give terms and language to the pre-spoken experience of goodness-in-place became more prominent.

My wish to articulate this concrete, non-conceptualized knowledge was the driving force of this venture.

The notion that environment has something to do with well-being is by no means my discovery, nor its relatedness to natural environments. Previous empirical research has firmly established the positive effect of natural environments on a wide range of experiential and behavioral variables, and there are a

few theories that try to explain this phenomena. However, to the best of my knowledge, most of the research and theories have been restricted so far to classical "third person" science: i.e. searching for data that will help quantify well-being, or expose "some-thing" which is an independent property of natural environments that produces well-being. In my view these previous studies gave support to my intuition that there is some universal element to the experience. But since in my experience it was not exclusive to natural environments, I decided to focus my inquiry on *the experience* of well-being in natural environments itself.

The study of first person experience, referred to as "qualia" in consciousness research, is considered to be the "hard problem" of consciousness science. This is because science as a discipline has a clear model of how to go about explaining third person data, yet this model fails when attempting to define subjective experience, which defies objectification. Qualia cannot be reduced to data.

This limitation placed the study, from its very nascence, outside the boundary of the positivist scientific paradigm, and rooted it within the philosophical tradition of phenomenology. Having limited the study to the "goodness-experience-in-nature", I looked for subjects who could be articulate about such an embodied, pre-discursive experience. I found more than I had aimed for in the cutting-edge work of American Philosopher Eugene Gendlin, founder of the somatic techniques of focusing and Thinking-At-the-Edge (TAE), which I adopted for developing a first-person and second-person methodology for my research. Moreover, his seminal philosophical work *A Process Model* (1997), became the conceptual foundation which enabled me to make some sense of my findings.

The experience of the-goodness-feeling-in-nature was explored with a group of 15 advanced focusing students on a beautiful spring day, in the wild oak forest of Alonei Yitzhak in central Israel. The focusers met on the edge of the forest and open wheat fields, and paired up (in focusing one is the focuser and the other the listener). They were then instructed to look for a "good-feeling-place" (a place that makes them feel good). Once found, they were asked to remain there for about 20 minutes and describe their experience to their listener, then switch roles. The listeners took full, word-for-word transcripts of the session, which became my raw material for a hermeneutic analysis, looking at the evolution of the experiencing of goodness in the place.

The reading was done within the premises of discourse analysis. Each text was read and coded repetitiously, according to principles that evolved with the reading.

A content analysis of the texts yielded descriptions of a sense of an inner knowing resonating with a knowing or meaning embodied in nature; a heightened sense of ability; a concern with moving and stopping; a noticing of "an immensity"; an experiencing of inner landscapes; a feeling of communion, care and generosity; and an occupation with universal themes such as dying, living, and the meaning of

human and non-human presence. Most striking, a significant majority of the documented experiences contained descriptions of feelings of a "boundlessness" between inner and outer realities (referred to in some cases, perhaps in allusion to Kabbalistic language, as a "dropping-of-partitions"), which came coupled with expressions of wonder at the coexisting feeling of a solid sense of self.

Another, structural reading, traced the "flow of attention" in the focusing transcripts, as moving between two axes: a sensorial differentiation between "in" and "out", and a transition of expression between "conceptualized" and "non-conceptualized" meanings. A crossing of these two axes produced a four cornered matrix I call the "Field of Meaning". The verbal description of the experience comprises three general steps: 1-"before-it" (pre-conceptualized), 2-"within-it" (non-conceptualized threshold), and 3-"after-it" (newly-conceptualized).

The process of transitioning from the pre-conceptualized (old knowledge) to the newly-conceptualized (insights about self and world), was perceived as a synthesizing of meaning emerging out of the experiencing of the goodness in nature, which I named the "Formation of Acquaintance Process": an iterative unfolding of attention which begins with "An Appearing": a sensory awareness of something "calling" for attention, which then follows three grand inductive steps: 1. A pre-conceptualized experiencing of "it", over varying depths of "within" such as "Tasting", "Dipping", and "Diving". 2. Contexting: relating the particular experience to one's private-world-of-meaning. 3. Universalizing: making grander and grander generalizations of meaning so as to befit more and more situations. As this process accumulates reference to one's self recedes from expression. At the "Moment of Acquaintance", the "Something that Appeared" was sometimes pleasant, but often disturbing. The very movement of attention towards "it" put into motion a process of becoming familiar with the "it" which produced a change, accumulating in fresh conceptualizing, which was experienced in itself, as the very experience of goodness.

The "Formation of Acquaintance Process", as described in this study, was congruous with other scales of experience such as Gendlin's "Experiencing Scale" (1969), and Seamon's "Modes of Encounter scale" (1979), on which it adds and articulates the contextualizing and conceptualizing tiers as integrative to the goodness experience of being in nature. The affinity between experiencing-in-interaction and the making-of-meaning, echoes the thinking of many other phenomenologists (Schroeder, Harris, Lasri, Abram, Fisher) as an expression of the formation of an embodied meaning.

The main insight arising from this study, is that the goodness-feeling-in-nature is closely related to the formation of meaning: at first in an unconceptualized, preverbal form; and then slowly, given time and attention, the meaning emerges as a freshly conceptualized insight.

In the discussion, I illustrate how important insights of post-humanist thinking, and in particular Gendlin's *Process model* theory, may be used to explain this phenomena. In conclusion I relate to, and elaborate on, an emergent theory of discursive / non-discursive place, as an hypothesis about possible environmental features and processes which may obstruct or be conducive to the genesis of such a goodness-experience.

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Bibliography

- 1. הררי, י. נ. (2011). **קיצור תולדות האנושות**. אור יהודה: כנרת, זמורה, ביתן, דביר.
- 2. הררי, י. נ. (2015). **ההיסטוריה של המחר**. אור יהודה: כנרת, זמורה, ביתן, דביר.
- 3. ליבליד, תובל-משיח, וזילבר (2010) יבין השלם לחלקיו ובין תוכן לצורהי, בתוך: **ניתוח נתונים במחקר איכותני** (עורכות: ל. קסן ומ. קרמר-נבו), עמי24-21. באר שבע: הוצאת הספרים של אוניברסיטת בן גוריון.
 - 4. לסרי, ד. (2000). הארות לפילוסופיה של נוודים. חיפה: אנסופיה
 - 5. לסרי, ד. (2008). באיזה גודל רואה אותנו אלוהים? מחקר על הראייה. חיפה: פרדס.
 - 6. צימרמן, ש. (2010). רווחה נפשית בראי הפסיכולוגיה החיובית. קרית ביאליק: אח
- 7. צייקסנטמיהיי, מ. (2012 [1990]). זרימה הפסיכולוגיה של החוויה המיטבית. תרגום : י. בר. תל אביב : אופוס.
 - 8. שגב, ע. (2015). **הרצאת מדוע ״המוח חושב בגדול״**. Retrieved 23 June 2015 from: https://www.youtube.com/watch?v=EnpNLSoYKNQ
- 9. שדמי ח., צימרמן ש. (-). רווחה נפשית (מיטיביות) רציונל תיאורטי. שפ*ייינט, אתר השירות הפסיכולוגי ייעוצי,* משרד החינוך, מדינת ישראל. מתוך: http://cms.education.gov.il/EducationCMS/Units/Shefi/KishureiChaim/meytaviyut/yeda/RevachaNaf
 - 10. שקדי, א. (2004). מילים שמנסות לגעת. תל אביב: רמות.

shit.htm

- 11. Abraham, A., Sommerhalder, K., & Abel, T. (2009). 'Landscape and well-being: a scoping study on the health-promoting impact of outdoor environments'. *International Journal Of Public Health*, 55(1), 59-69. http://dx.doi.org/10.1007/s00038-009-0069-z
- 12. Abram, D. (1996). *The spell of the sensouous: Perception and language in more-than-human world.* New York, Ny: Pantheon
- 13. Abram D. (2000). *D. Abram interviewed by Derrick Jensen*. Retrieved from http://www.wildethics.com/essays/interview_derrick_jensen.html
- 14. Antakyalioglu, Z. (2006). 'Chaos Theory And Stoppard's Arcadia'. *Journal of istanbul Kiiltiir Universily* 2006/3 pp. 87-93
- 15. Appleton, J. (1975). The Experience of Landscape. London: Wiley.
- 16. Behnke, E. A. 'Edmund Husserl: Phenomenology of Embodiment', *The Internet Encyclopedia of Philosophy*, ISSN 2161-0002, http://www.iep.utm.edu/husspemb/, October 2014.
- 17. Boelhouwers, J. (2013) 'Meeting Landscape : an instance at the seashore'. *The Folio, journal of the Focusing Institute*, Spring Valley, N.Y. 24(1), pp 24-30
- 18. Buhner, S. (2014) *Plant intelligence and the imaginal realm*. Rochester, Vermont: Bear & Company
- 19. Burley, N. & Coppersmith, C. B. (1987), Bill Color Preferences of Zebra Finches. *Ethology* 76, Issue 2, January-December 1987. pp 133–151,

- 20. Burns, G. W. (2005). Naturally happy, naturally healthy: The role of the natural environment in well-being. In F. Huppert, B. Keverne, & N. Baylis (Eds.), *The science of wellbeing* (pp. 405–431). Oxford: Oxford University Press.
- 21. Capra, F. (1997). *The Web of Life: A New Scientific Understanding of Living Systems*. New York: Random House
- 22. Capra, F. (2002) *The Hidden Connections: a science for sustainable living*. New York: Random House
- 23. Chalmers, D. (1999). How Can We Construct a Science of Consciousness? In M. Gazzaniga (ed.), *The Cognitive Neurosciences III* (pp 1110-1118) MIT Press.
- 24. Csikszentmihalyi, M., & Csikszentmihalyi, I. (1988). *Optimal experience*. Cambridge: Cambridge University Press.
- 25. De Quincey, C. (2005). *Radical Knowing: Understanding Consciousness Through Relationship*. Rochester, Vermont: Park Street Press.
- 26. Delle Fave A. (2013). *The exploration of Happiness: Present and Future Perspectives*. Dorderecht, Heidelberg, New York, London: Springer
- 27. Dreyfus, H. (1972). What computers can't do. New York: Harper & Row.
- 28. Dreyfus, H. (1992). What computers still can't do. Cambridge, Ma.: MIT.
- 29. Eisenberg, R. & Bach, D. (2014). *Thinking Where Words are Still Missing: Radical Listening as a Tool to Promote Creative Thinking and Interactional Self-Reliance*. Paper presented at CHEP: Conference for Higher Education Pedagogy, February 2014, Vtech. Blackburg, Virginia.
- 30. Falk, J., & Balling, J. (2009). Evolutionary Influence on Human Landscape Preference. *Environment And Behavior*, 42(4), 479-493. http://dx.doi.org/10.1177/0013916509341244
- 31. Fisher, A. (2012) What is Ecopsychology? A Radical view. In Kahn P. & Hasbach P. (Eds.), *Echopsychology* (pp 79-114). Cambridge, MA: MIT Press.
- 32. Frumkin, H. (2012) Building the Science base: Echopsychology Meets Clinical Epidemiology. In Kahn P. & Hasbach P. (Eds.), *Echopsychology* (pp 142-172). Cambridge, MA: MIT Press.
- 33. Gendlin, E. T. (1962). Experiencing and the Creation of Meaning: A Philosophical and Psychological Approach to the Subjective. Glenco: Free Press of Glenco
- 34. Gendlin, E. T. (1981). Focusing. New York: Bantham Books.
- 35. Gendlin, E.T. (1985). Nonlogical moves and nature metaphors. In A-T. Tymieniecka (Ed.), *Analecta Husserliana. Vol. XIX. Poetics of the elements in the human condition: the sea*, pp. 383-400. Dordrecht: Reidel. From http://www.focusing.org/gendlin/docs/gol_2134.html
- 36. Gendlin, E.T. (1991). Thinking beyond patterns: Body, language and situations. In B. den Ouden & M. Moen (Eds.), *The presence of feeling in thought*, pp. 21-151. New York: Peter Lang.
- 37. Gendlin, E.T. (1992). "The primacy of the body, not the primacy of perception". *Man and World* 25 (3–4): 341–353. doi:10.1007/BF01252424.
- 38. Gendlin, E.T. (1995). Crossing and dipping: some terms for approaching the interface between natural understanding and logical formulation. *Minds and Machines* 5 (4), 547-560.

- 39. Gendlin, E. T. (1997a). A Process Model. New York: The Focusing Institute.
- 40. Gendlin, E., & Kleinberg-Levin, D. (1997b). *Language beyond postmodernism*. Evanston: Northwestern University Press.
- 41. Gendlin, E. T & Lou N. (2002). *Thinking at the Edge Pt3*. documentary videotaped in NY. Retrieved 23 September 2015, from https://www.youtube.com/watch?v=res946x5KII
- 42. Gendlin, E.T. (2003). Beyond postmodernism: From concepts through experiencing. In Roger Frie (Ed.), *Understanding Experience: Psychotherapy and Postmodernism*, pp.100-115, Routledge. From http://www.focusing.org/gendlin/docs/gol_2164.html
- 43. Gendlin, E. T. & Hendricks, M. (2004). Thinking at the Edge (TAE) Steps. *The Folio, Journal for focusing and experiential therapy* (2004), 19:1 pp. 12-25. New York: The Focusing Institute.
- 44. Gendlin, E.T. & Johnson, D.H. (2004). *Proposal for an international group for a first person science* [Internet page]. New York: The Focusing Institute. From http://www.focusing.org/gendlin/docs/gol_2184.html
- 45. Giorgi, A. (2009). *The Descriptive Phenomenological Method in Psychology*. Duquesne University Press: Pittsburgh, PA.
- 46. Grandin, T., & Johnson, C. (2005). Animals in translation. New York: Scribner.
- 47. Gullone, E. (2000). The Biophilia Hypothesis And Life In The 21st Century: Increasing Mental Health Or Increasing Pathology. *Journal of Happiness Studies 1*:293–321.
- 48. Hardy, A. C. (1960). 'Was Man More Aquatic in the Past?', New Scientist 7, pp. 642-645.
- 49. Harris, A. (2013). Gendlin and ecopsychology: focusing in nature. *Person-Centered & Experiential Psychotherapies*, *12*(4), 330-343. http://dx.doi.org/10.1080/14779757.2013.855135
- 50. Hasbach, P. (2012). Ecotherapy. In Kahn P. & Hasbach P. (Eds.), *Echopsychology* (pp 115-141). Cambridge, MA: MIT Press.
- 51. Heathcote, E. (2011). An interview with George MacKerron: 'I can measure how happy you are and why'. *The Observer*, Sunday 13 February 2011; retrieved from: http://www.theguardian.com/technology/2011/feb/13/bright-idea-mappiness-happiness-app
- 52. Hendricks, M. (2004). A Theory of Unconditional Positive Regard in Psychotherapy. *The Folio: A journal for Focusing and Experiential Therapy*. Vol 19 No.1 (pp 55-78). NY. The Focusing Institute.
- 53. Hendricks, M. (2009). Experiencing Level: An instance of developing a variable from a first person process so it can be reliably measured and taught. *Journal of Consciousness Studies*, Volume 16, Numbers 10-12, 2009, pp. 129-155(27). Imprint Academic
- 54. Herrington, S. (2006). 'Framed Again: the Picturesque Aesthetics of Contemporary Landscapes'. *Landscape Journal* 25:1-06, pp. 22-37.
- 55. Hofstadter, D. (2007). I Am A Strange Loop. Cambridge, MA: Basic Books.
- 56. Kahn P. & Hasbach P. (2012). *Echopsychology: Science, Totems, and the Technological Species*. Cambridge, MA: MIT Press.
- 57. Kaplan, R. & Kaplan, S. (1995a). The Experience of Nature. Ann Arbor MI: Ulrich's Bookstore.

- 58. Kaplan, S. (1995b). 'The Restorative Benefits of Nature: Toward an Integrative Framework'. *Journal of Environmental Psychology 15* (1995), pp. 169-182.
- 59. Kilneremail, J.M. & Lemon, R.N. (2013). 'What We Know Currently about Mirror Neurons'. *Current Biology*, 23 (2013) pR1057–R1062, DOI: http://dx.doi.org/10.1016/j.cub.2013.10.051
- 60. Kim-Prieto, C. et al (2013). Integrating the diverse definitions of Happiness: A Time-Sequential Framework of SWB. In Delle Fave A. (Eds). *The exploration of Happiness (pp 47-75)*. Dorderecht, Heidelberg, New York, London: Springer
- 61. Klein, M. H., Mathieu, P. L. Gendlin, E. T. & Kiesler D. J (1969), *The Experiencing Scale: A Research and Training Manual Volume 1*, pp. 6 and 56-63. Wisconsin Psychiatric Institute, Madison, Wisconsin. Retrieved 9 May 2015, from http://www.experiential-researchers.org/instruments/exp_scale/exp_scale_main.html
- 62. Lewis, C. (1996). *Green Nature Human Nature: the Meaning of Plants in Our Lives*. Illinois Paperback.
- 63. Lipton, B. (2005). *The Biology of Belief: Unleashing the Power of Consciousness, Matter & Miracles.* New York: Hay House.
- 64. Lothian, A. (1999). 'Landscape and the Philosophy of Aesthetics: Is Landscape Quality Inherent in the Landscape or in the Eye of the Beholder'. *Landscape and Urban Planning 44* (1999), pp. 177-198.
- 65. MacKerron, G. (2011). Mapping Happiness across Space and Time. *TEDxBrighton*. https://www.youtube.com/watch?v=dvMYhjuFtt0
- 66. MacKerron, G. & Mourato, S. (2013). Happiness is greater in natural environments. *Global Environmental Change*, Volume 23, Issue 5, October 2013, Pages 992–1000
- 67. Madge, C. (1997). 'Public Parks and the Geography of Fear'. *Tijdschrift voor Economische en Sociale Geografie 8(3)*, pp. 237-250.
- 68. Marberry, S. O. (2010). A Conversation With Roger Ulrich. *Healthcare Design*;10(11):40-49.
- 69. Margulis, L. (1998). Symbiotic planet. New York: Basic Books.
- 70. Maturana, H. R. & Varela, F. J. (1998). *The Tree Of Knowledge: The Biological Roots Of Human Understanding*. Revised edition. London&Boston, Shambhala
- 71. Merriam-Webster Dictioniary. Retrieved from http://www.merriam-webster.com
- 72. Midgley, M. (1978). Beast and man. Ithaca, N.Y.: Cornell University Press.
- 73. Morgan, E. (1982). The aquatic ape. New York: Stein and Day.
- 74. Nagel, T. (1974). "What Is It Like to Be a Bat?", *The Philosophical Review*, Vol. 83, No. 4 (Oct., 1974), pp. 435-450.
- 75. Orians, G. H. (1986). An Ecological and Evolutionary Approach to Landscape Aesthetics, in: *Landscape meanings and values* (eds.: Edmund C. Penning-Rowsell and David Lowenthal), pp. 3-22.

- 76. Petitmengin, C. (2006) Describing one's Subjective Experience in the Second Person. An Interview Method for the Science of Consciousness, *Phenomenology and the Cognitive Sciences 5*, (2006). pp. 229-269.
- 77. Pirsig, R. (1974). Zen and the art of motorcycle maintenance. New York: Morrow.
- 78. Pirsig, R. (1991). Lila. New York: Bantam Books.
- 79. Pulliam, H. R. & Johnson, B. R (2002). Ecology's New Paradigm: What Does it Offer Designers and Planners? In Bart R. Johnson and Kristina Hill: *Ecology and Design Frameworks for Learning*. Washington: Island Press. pp. 51-84
- 80. Pyle. R. M. (1993). *The Thunder Tree: Lessons from An Urban Wildland*. 1998. Boston: Houghton Mifflin.
- 81. Ramachandran, V. (2009). 'The neurons that shaped civilization', *TEDIndia 2009*. http://www.ted.com/talks/vs_ramachandran_the_neurons_that_shaped_civilization
- 82. Reynolds, J. " Maurice Merleau-Ponty (1908—1961)", *The Internet Encyclopedia of Philosophy*, ISSN 2161-0002, http://www.iep.utm.edu/merleau/, October 2014.
- 83. Ryan, R., & Deci, E. (2000). Intrinsic and Extrinsic Motivations: Classic Definitions and New Directions. *Contemporary Educational Psychology*, 25(1), 54-67. http://dx.doi.org/10.1006/ceps.1999.1020
- 84. Ryff, C. D. & Singer, B. H. (2006). Best news yet on the six-factor model of well-being. *Social Science Research*, *35*, 1103-1119
- 85. Ryff, C. D. (1989). "Happiness is everything, or is it? Explorations on the meaning of psychological well-being.". *Journal of Personality and Social Psychology* 57 (6): 1069–1081. doi:10.1037/0022-3514.57.6.1069
- 86. Sacks O. (1984). A leg to stand on. New York, NY: harper Collins
- 87. Sawicki, M. "Edmund Husserl (1859-1938)", *The Internet Encyclopedia of Philosophy*, ISSN 2161-0002, http://www.iep.utm.edu/husserl/, October 2014.
- 88. Schaller, S. A man without words. New York: Summit Books, 1991
- 89. Schroeder, H. (2004). The Way the World Should Be: Order, Cleanness, and Serenity in the Experience of Special Places. *Proceedings of the 2004 Northeastern Recreation Research Symposium*, pp. 52-56
- 90. Schroeder, H. (2007a). A Role For First Person Science In Recreation Research. *Proceedings of the 2007 Northeastern Recreation Symposium* GTR-NRS-P-23 pp. 244-249
- 91. Schroeder, H. (2007b). Place experience, gestalt, and the human-nature relationship. *Journal of environmental psychology 27 (2007)* pp. 293-309. DOI: 10.1016/j.jenvp.2007.07.001
- 92. Schroeder, H. (2008). The Felt Sense of Natural Environments. *The Folio 21(1)*, pp. 63-72
- 93. Schroeder, H. (2012a). Sensing Value in Place. In Stewart, W. P., Williams, D. R., Kruger, L. (Eds.): *Place-Based Conservation: Perspectives from the Social Sciences*. Springer, Netherlands. DOI: 10.1007/978-94-007-5802-5. pp. 73-87

- 94. Schroeder, H. (2012b). Giving Voice to the Experiential Value of Natural Environments. *The Humanistic Psychologist*, 40(2), 136-152. http://dx.doi.org/10.1080/08873267.2011.642488
- 95. Scott. H. (2009) Grounded Theory Online: (2015). Retrieved 3 October 2015, from http://Scott. H. (2009) *Grounded Theory Online*
- 96. Seamon, D. (1979). *A Geography of the Lifeworld: Movement, Rest, and Encounter*. London, Croom-Helm
- 97. Seamon, D. (2015). Well-being and Phenomenology--Lifeworld, Natural Attitude, Homeworld and Place (forthcoming, 2017). Academia.edu. Retrieved 19 December 2015, from https://www.academia.edu/19564256/Well-being_and_Phenomenology--Lifeworld_Natural_Attitude_Homeworld_and_Place_forthcoming_2017. Draft of a chapter prepared for A Handbook on Well-being, edited by Kathleen Galvin (London: Routledge, forthcoming, 2017)
- 98. Tokumaro, S. (2011). *Qualitative Research with TAE Steps*. Hiroshima, Japan: Keisuisha.
- 99. Turner, J. (1996). The abstract Wild. Tucson, AZ: University of Arizona Press.
- 100. Ulrich, R. S. (1984). View through a window may influence recovery from surgery. *Science*, 224, 420-421
- 101. Ulrich, R. S. *et al.* (1991). Stress Recovery During Exposure To Natural And Urban Environments. *Journal of Environmental Psychology* (1991). 11,201-230
- 102. Varela, J. F. and Shear, J. (1999). First-person Methodologies: What, Why, How? In Varela, J. F. and Shear, J. (Eds) *View from Within: First-person Approaches to the Study of Consciousness*. Bowling Green, OH: Imprint Academic
- 103. Von Kleist, H. (1878). *On the gradual production of thoughts whilst speaking*. Trans. by Harbsmeier, C. (1996). Retrieved from http://www.hf.uio.no/ikos/english/research/projects/tls/publications/Kleist%5B1%5D.pdf
- 104. Wilber, K. (1982). The Holographic paradigm and other paradoxes. Boulder: Shambhala.
- 105. Wilson, E.O. (1984). *Biophilia: The human bond with other species*. Cambridge, MA: Harvard University Press.
- 106. Wilson, E.O (2001). The diversity of life, 2nd edition, London: Penguin.
- 107. Wilson, E. O. (2006). *The Creation: An Appeal To Save Life On Earth*. New York, W. W. Norton & Company inc.