

Wildman, P. (2005). [BMARP7] *Index and Contents Links to the Bush Mechanic Research Program (BMARP) Reports*. KALGROVE Pty Ltd. Bush Mechanics Institute - Bush Mechanic Action Research Project: Report No.6: Brisbane. p.f1.

**Index and Contents Links to the Bush Mechanic Action Research Program (BMARP) Reports; Auxiliary Articles; and Related Literature by P Wildman**

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2100 words

# Links and Index of the Bush Mechanic Action Research Program

**Table 1: Links and Index of the Bush Mechanic Action Research Program (BMARP); Auxiliary Reports (AR); and Associated Articles (AA) by Paul Wildman**

Link	Report No	Title	Content	Length
		<b>[A] BMARP Series</b>		
<b>Hub</b> [13-09-2006]	BMARP1	<b>Zen and the Artifice of Ingenuity</b> – arguing for the re-emergence of the Bush Mechanic as crucial to our collective futures – Research Report on an Action Research Reflective Praxis Project (2000 to 2005) which, applied Grounded Theory, Reflective Praxis, Web Research and other methodologies in order to determine the historical and future key attributes of Bush Mechanics and thereby establish the basis of a local theory thereof.	Principal overview report Inc. Appendices on	100000
<b>Data &amp; Obs</b> [20-09-2006]	BMARP2	<b>Bush Mechanic Action Research Project - Coding Outcomes</b> from applying Grounded Theory to identify key attributes of a Bush Mechanic Artificer Learner as an exemplar of Anticipatory Action Learning/Futuring/Artifice Learning with a view to establishing the basic principles for further development into a Local Theory thereof.	Input Grounded Theory coding outcomes	16000
<b>Context</b> [15-09-2006]	BMARP3 :a, b, c, d	<b>Broadening the Impact of the Bush Mechanic by undertaking Community Artifice Innovation Process (CAIP):</b> A CAIP is a Futures Research Process for developing a host positive context for Bush Mechanicing and Artificing based on the <i>Our Innovative Community Economy</i> workshop in three sections: (a) <i>Background Information</i> to explicate what is CAIP and how to undertake it - 7500 words (b) <i>Action Learning Activity Guide</i> – which establishes several activities necessary to achieve CAIP as per (1) - 7000 words & (c) <i>Work Book</i> – in which to record the outcomes of, & learning’s from the activities as per (2)– 3000 words (d) CAIP Overview - 4000 words	Providing a host positive context for the Bush Mechanic & resultant artifices	21500
<b>Politics</b> [18-09-2006]	BMARP4	<b>The Bush Mechanic and Citizenship</b> – outline report	Outlines a crucial link between Bush Mechanic & the Citizen	02000
<b>Governance</b> [19-09-2006]	BMARP5	<b>Exploring Bureaucracy and identifying a Bushy alternative in Do-ocracy</b>	Explicating Bureaucracy as the dominate structuralising governancl element in society today & thus the bushies operational environment	05000
<b>Rationales</b> [21-09-2006]	BMARP6	<b>Emergent Macro Rationales in favour of Artificing</b>	Self explanatory	01000
<b>Reference</b>	BMARP7	<b>Index links in the Bush Mechanic Action Research Program (BMARP) Reports</b>	<b>This Doco</b>	01000
		<b>Total Word Count - Main BMARP series</b>	<b>Σ (approx)</b>	<b>150000</b>

<b>Auxiliaries</b>	BMARPAux	<b>[B] Auxiliary Reports (AR) that are supplemental to the main text</b>		
		BMARPAux1: The Artilect	Linking Artificer & Artificial intelligence	14000
		BMARPAux2: Othering Action: the philosophical origins of the separation of thinking and doing	Self - explanatory	04500
		BMARPAux3: Exploring the application of Grounded Theory and its extension into Local Theory - through a Bush Mechanic Action Research Process aimed at developing and supporting exemplar projects	Linking to Grounded Theory	03000
		BMARPAux4: Centre for Heutagogical Learning - a proposal to establish Subversity - Future Uni through establishing a Bush Mechanics Institute	Combining think & do	02500
		BMARPAux5: Qualitative Research Methodologies and the Artificer ~ Reflective Praxis, Heuristic Inquiry, Causal Layered Analysis ~ as QRM's for application in the Bush Mechanic Action Research Project	Long term action res	04000
		BMARPAux6: World Bush Mechanic Volunteers	Extension Strategy	01000
		<b>Total Word Count - Auxiliaries</b>	<b>∑ approx</b>	<b>29000</b>
<b>Literature</b>	BMARPLit	<b>[C] Key Bush Mechanic Associated Articles (AA) written by ( P Wildman grey to formal)</b>		
		BMARPLit1: Wildman, P. and E. Hadkins. (2005). Bush Mechanics - artificing a future we can live with. <i>Journal of Futures Studies</i> . <b>10</b> (1): p. 91-100.		07000
		BMARPLit2: Wildman, P. (2007) <i>How Futuring Bush Mechanics seek to transform the world. Futures. Forthcoming</i> : p. 14.		07000
		BMARPLit3: Wildman, P. (2005). <i>Bush Mechanics: futuring the Australian way</i> . Future News, (September - page 7): p. 1.		01500
		BMARPLit4: Wildman, P. (2005). <i>Futuring and the Artifice of Ingenuity</i> . Futures Bulletin - World Futures Studies Federation. <b>30</b> (2&3): p. 10-11, 21-23.		03500
		BMARPLit5: Wildman, P. (2005). <i>The Corporate Bush Mechanic (CBM) - possibility or absurdity: An exploration of the potential and design for the installation of a CBM system in The Flight Centre (TFC)</i> . Kalgrove Pty Ltd: Brisbane. p. 20.		08000
		<b>Total Word Count - authored published literature</b>	<b>∑ approx</b>	<b>23500</b>
		<b>∑∑ Grand Total - Word Count - total all sources BMARP</b>	<b>∑∑</b>	

Source: P Wildman 21-05-2006. Primary organisational and theoretical document uses feminist theory type ground up approach; blue skies, sunny side up; creativity focused; macro rationales

## Bush Mechanic Publications and References

### BMARPL (Literature - The Doxa) by P Wildman

1. Wildman, P. and E. Hadkins. (2005). Bush Mechanics - artificing a future we can live with. *Journal of Futures Studies*. **10**(1): p. 91-100.
2. Wildman, P. (2007) How *Futuring Bush Mechanics seek to transform the world*. *Futures*. **Forthcoming**: p. 14.
3. Wildman, P. (2005). *Bush Mechanics: futuring the Australian way*. *Future News*, (September - page 7): p. 1.
4. Wildman, P. (2005). *Futuring and the Artifice of Ingenuity*. *Futures Bulletin - World Futures Studies Federation*. **30**(2&3): p. 10-11, 21-23.
5. Wildman, P. (2005). *The Corporate Bush Mechanic (CBM) - possibility or absurdity: An exploration of the potential and design for the installation of a CBM system in The Flight Centre (TFC)*. Kalgrove Pty Ltd: Brisbane. p. 20.

### Other Bushy related articles

Alexander, C. (2005). *The Nature of Order - an Essay on the Art of Building and the Nature of the Universe - three book series. This ref to Book 3 - A vision of a Living World. This Chapter - Chapt. 15 in Book 3 - How Living Process Generates the Process of Construction - All Building as Making*. UK: Centre for Environmental Structure. 700pgs. [Obviously a classic though a tome indeed - Alexander's pattern language which can be seen as a metaphor for visual savage mind language of Edwards and Levi-Strauss - brings in the 'D' into design]

Arendt, H. (1963). *On Revolution*. London: Penguin. 350 pgs. [Philosophical call to re-link or 'religio' thinking and action]

Dick, B. and P. Wildman. (2005). *Critical Futures Praxis: futures, action research and change*. Unpublished, p. 28pgs.

Edwards, B. (1995). *Drawing on the Artist Within: how to release your hidden creativity*. London: HarperCollins. [Using drawing as a language as a Right Brain mode counterpart to text/word based Left Brain Mode languages - intriguing - well worth a look]

Florida, R. (2003). *The Rise of the Creative Class - and how its transforming work, leisure, community and everyday life*. Melbourne: Pluto Press. 400pgs. [If one reads creative as creative then F's work is a thorough exploration of the importance of creative (bush mechanic type) work in economic development - well worth a look]

Gardiner, W. (2003). *The Encyclopaedia of Sewing Techniques - A step-by-step visual directory, with an inspirational gallery of finished works*. East Roseville, Australia: Simon & Schuster. 160pgs. [Great use of exemplar projects as inspiration]

Gibson, K. and T. Ingold, eds. (1993). *Tools, Language and Cognition in Human Evolution*. Cambridge University Press: Cambridge. 480pgs. [what can I say this is the bible end of story - a must wade for anyone interested in this arena inc. alternative forms of vocational education]

Hase, S. and C. Kenyon. (2000). *From Androgogy to Heutagogy*. <http://ultibase.rmit.edu.au/Articles/dec00/hase2.htm#heutagony> [a step to a retroductive action learning based method of learning]

[Ingold's work is worthy of much greater attention in this field it is simply to my mind brilliant and insightful - the following titles say it all - well worth a sabbatical]

Ingold, T., *Tool-use, sociality and intelligence*, in *Tools, Language and Cognition in Human Evolution*. 480pgs., K. Gibson and T. Ingold, Editors. 1993a, Cambridge University Press: Cambridge. p. 429-445.

Ingold, T., *Tools Techniques and Technology*, in *Tools, Language and Cognition in Human Evolution*. 480pgs., K. Gibson and T. Ingold, Editors. 1993b, Cambridge University Press: Cambridge. p. 337-345.

Ingold, T., *Epilogue: Technology, language, intelligence: a reconsideration of basic concepts*, in *Tools, Language and Cognition in Human Evolution*. 480pgs., K. Gibson and T. Ingold, Editors. 1993c, Cambridge University Press: Cambridge. p. 449-472.

Ingold, T., *Introduction to part 1: Relations between visual-gestural and vocal-auditory modalities of communication*, in *Tools, Language and Cognition in Human Evolution*. 480pgs., K. Gibson and T. Ingold, Editors. 1993d, Cambridge University Press: Cambridge. p. 35-42.

Ingold, T., *Epilogue: Technology, language, intelligence: a reconsideration of basic concepts*, in *Tools, Language and Cognition in Human Evolution*. 480pgs., K. Gibson and T. Ingold, Editors. 1993e, Cambridge University Press: Cambridge. p. 449-472.

Levi-Strauss, C., *The Savage Mind*. 1996, Chicago: The University of Chicago Press. 300pgs. [This book is almost uncategorisable (and in some parts unreadable) and simultaneously a classic, discusses the possibility of a 'savage' or indigenous mind cp. today's 'domesticated minds'. The former is a practical person shaping and making things using visual not textual language]

Maturana, H. (1970). *Autopoiesis, Structural Coupling and Cognition: A history of these and other notions in the biology of cognition*. University of Illinois: Urbana. p. 30pgs. [great piece on the ability of organisms to self-organise and synergise - an analogy for the bush mechanic system of value adding interface and netweaving]

Nussbaum, M. (1994). *The Therapy of Desire: Theory and Practice in Hellenistic Ethics*. Princeton New Jersey: Princeton University Press. 560pgs. [Arguably one of the worlds greatest living philosophers and the best woman philosopher - brilliant exposition of Hellenism and esp. for our interests here Active Practical Wisdom - read Artificing and the Hellenists]

Otto, L., (1999). *Forgotten Technology and Conversion Charts*. Brisbane: Author printed by Watson Ferguson. 90pgs [ written by a genuine bushy now dead, this work speaks of the importance of handing down the practical wisdom of the ages to following generations and laments how the vocational education system is failing to do this - basically a compilation of difficult to find conversion etc. type charts]

Sternberg, R. (1997) *Successful Intelligence - How Practical and Creative Intelligence Determine Success in Life*. New York: Plume. 300pgs [A step towards Creative Intelligence also called Artificer Intelligence, well written]

Thomson, M. (1995). *The Complete Blokes and Sheds; including stories from the shed*. 1995, Sydney: Angus & Robertson. 280pgs. [populist ethnographic study carried out by a true artisan into bush mechanics, their exemplar projects and the sheds they live in]

Thomson, M. (2002). *Rare Trades*. 2002, Sydney: HarperCollins Publishers. 230pgs. [another treat from T - take a look soon because many of these trades wont be around by 2010, they will just like the Bush Mechanic gone the way of the Dinosaur]

Wildman, P. (1976). *Meaning in Technology*. Griffith University: Brisbane. p. 20pgs. [Early piece indicating a search for a deeper understanding of technology and technique seen here in this book in some places quite prescient]

Wildman, P. (2004). *Pangogical Learning - Artificer, and Experiential Learning Views and Proposal to Establish an Artificer Learning Centre*. Kalgrove Pty Ltd: Brisbane. p. 30. [An extension of Hase and Kenyon's idea of Heutagogical learning and its application to Artificer learning]

Wildman, P. (2005). *'Othering' Action - The Origins of the Separation of Thinking and Doing*. Kids and Adults Learning Pty Ltd - the Bush Mechanics Institute Report No.2: Brisbane. p. 6. [A passion of mine for years now seeking to see how and when this separation, which is totalising especially in Social Sciences, arose]

Wildman, P. and I. Miller. (2004). *Artificer Learning through the Demiurgic Field of Dreams (DUF1)*. [Web publication from Iona Press and Prosperity Press, Brisbane -web publication] Available from: [http://creativity.chaosmagic.com/whats\\_new.html](http://creativity.chaosmagic.com/whats_new.html) [This article looks at an esoteric dimension of the Artificer also seen in some mason's works]

Wilson, F. (1995). *The Hand - How its use shapes the brain, language, and human culture*. New York: Vintage Books. 400pgs. [Brilliant and path-breaking exploration of the importance of our hand and manual dexterity and its representation in the brain]

### **Bush Mechanic - Web resources (accessed 02-2007)**

As sourced particularly in Appendix D and:

<http://www.fbo.com.au/movie.asp?ID=10187> - Indigenous Bush Mechanics web site

<http://www.abc.net.au/message/archive/bushmechanic/> Indigenous Bush Mechanic TV series by episode

[http://www.bushmechanics.com/pages/bush\\_mecanics/body\\_bm.htm](http://www.bushmechanics.com/pages/bush_mecanics/body_bm.htm) - more general information on indigenous bush mechanics

[www.hotfutures.net.au/bushie](http://www.hotfutures.net.au/bushie) - hot futures bush mechanic blog

<http://geolib.pair.com/smith.adam/won1-10.html> Adam Smith on Artificers

<http://www.yorkriteofcalifornia.org/royalarch/raeduc007.htm> The link between Masons and Artificers

<http://people.umass.edu/dkscott/CILA%20Institute/projects.htm> an attempt to apply Wilber's integral learning at several co-operating academic institutions in the US – CILA the Community for Integrative Learning Action

[http://zhurnal.lib.ru/k/korolew\\_p\\_m/pw2005.shtml](http://zhurnal.lib.ru/k/korolew_p_m/pw2005.shtml) The Artifice of Ingenuity