## BEHAVIORAL AND BRAIN SCIENCES

Volume 15 1992

Reprinted with the permission of the original publisher by
Periodicals Service Company
Germantown, NY
2005

Printed on acid-free paper.

This reprint was reproduced from the best original edition copy available.

NOTE TO THE REPRINT EDITION:

In some cases full page advertisements which do not add to the scholarly value of this volume have been omitted.

As a result, some reprinted volumes may have irregular pagination.

## Contents Volume 15:1 March 1992

Thompson, E., Palacios, A. & Vare	la, F	. J. Ways of coloring:	
Comparative color vision as a case	-	_ ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` `	1
Open Peer Commentary		Lia, B. Ontogeny and ontology: Ontophyletics	
Akins, K. A. & Lamping, J. More than mere coloring:		and enactive focal vision	43
The art of spectral vision	26	Maier, E. & Burkhardt, D. In search of common	
Averill, E. W. A limited objectivism defended	27 27	features of animals' color vision systems	
Backhaus, W. & Menzel, R. Conclusions from color		and the constraints of environment	44
vision of insects	28	Maloney, L. T. A mathematical framework	
Ben-Ze'ev, A. Problems with explaining		for biological color vision	45
the perceptual environment	30	Matthen, M. Color vision: Content versus experience	<b>4</b> 6
Broackes, J. Nonreductionism, content		Mausfeld, R. J., Niederée, R. M. & Heyer, K. D.	
and evolutionary explanation	31	On possible perceptual worlds and how they shape	
Clark, A. Reductionism and subjectivism defined		their environments	47
and defended	32	McGilvray, J. A. Colors really are only in the head	48
Dannemiller, J. L. Color is as color does	33	Neumeyer, C. On perceived colors	49
Davidoff, J. What is a colour space?	34	Reeves, A. Areas of ignorance and confusion in color	40
Dennett, D. C. Hitting the nail on the head	35	science	49
Feldman, J. A. Enactivist vision	35	Shepard, R. N. What in the world determines	-0
Finkelstein, M. A. Psychophysical modeling: The link		the structure of color space?	50
between objectivism and subjectivism	36	Skarda, C. A. Ecological subjectivism?	51
Gouras, P. Multivariant color vision	37	Steele, K. M. Confusing structure and function	52
Hardin, C. L. Color for pigeons and philosophers	37	Stoerig, P. & Cowey, A. Wavelength processing	m.u
Hilbert, D. Comparative color vision		and colour experience	53
and the objectivity of color	38	van Brakel, J. The ethnocentricity of colour	53
Hurlbert, A. The view of a computational animal	39	Wagemans, J. & de Weert, C. M. M. Ways	E 4
Jacobs, G. H. Data and interpretation in comparative		of coloring the ecological approach	54
color vision	40	Authora! Boonance	
Kinnear, P. R. Color enactivism: A return to Kant?	41	Authors' Response	
Kondrashev, S. L. Ethological and ecological aspects		Thompson, E., Palacios, A. & Varela, F. J.	
of color vision  Levine, J. Objectivism-subjectivism: A false dilemma?	42 42	On the ways to color	56
Kenrick, D. T. & Keefe, R. C. Age differences in human reproductive	_		<b>7</b> 5
Open Peer Commentary		Levinger, G. & Kirkpatrick, L. A. Biological versus	
Alley, T. R. Perceived age, physical attractiveness and		social psychological bases of mate selection	103
sex differences in preferred mates' ages	92	Lippa, R. On building bridges between social	
Bayer, B. M. On the separation of reproduction		psychology and evolutionary biology	104
from mating preferences	92	Mealey, L. Individual differences in reproductive	
Borkenau, P. Age preferences: The crucial studies		tactics: Cuing, assessment and facultative strategies	105
have yet to be done	93	Moffatt, C. A. & Nelson, R. J. May/December	
Broude, G. J. The May-September algorithm meets		romance: Adaptive significance non probabilis est	
the 20th century actuarial table	94	Rajecki, D. W. & Rasmussen, J. L. Personal ads	106
Byrne, D. & Kelley, K. Differential age preferences:			106
The need to test evolutionary versus alternative		as deviant and unsatisfactory: Support	
conceptualizations		for evolutionary hypotheses	107
Crawford, C. Sex differences in age preferences	96	for evolutionary hypotheses  Rushton, J. P. Age similarity is genetic similarity	
for mates: Primary and secondary predictions	96	for evolutionary hypotheses  Rushton, J. P. Age similarity is genetic similarity  Russell, P. A. The evolutionary model is synthetic	107 108
from evolutionary theory		for evolutionary hypotheses  Rushton, J. P. Age similarity is genetic similarity  Russell, P. A. The evolutionary model is synthetic not heuristic	107 108 108
Dowellium D. A. Continuing a long tradition	97	for evolutionary hypotheses  Rushton, J. P. Age similarity is genetic similarity  Russell, P. A. The evolutionary model is synthetic not heuristic  Schoen, R. Marital choice and reproductive strategies	107 108
Dewsbury, D. A. Continuing a long tradition		for evolutionary hypotheses  Rushton, J. P. Age similarity is genetic similarity  Russell, P. A. The evolutionary model is synthetic not heuristic  Schoen, R. Marital choice and reproductive strategies  Simpson, J. A. Half a theory and half the data for half	107 108 108 109
Dupré, J. Arbitrariness and bias in evolutionary	97 98	for evolutionary hypotheses  Rushton, J. P. Age similarity is genetic similarity  Russell, P. A. The evolutionary model is synthetic not heuristic  Schoen, R. Marital choice and reproductive strategies  Simpson, J. A. Half a theory and half the data for half the people?	107 108 108
Dupré, J. Arbitrariness and bias in evolutionary speculation	97	for evolutionary hypotheses  Rushton, J. P. Age similarity is genetic similarity  Russell, P. A. The evolutionary model is synthetic not heuristic  Schoen, R. Marital choice and reproductive strategies  Simpson, J. A. Half a theory and half the data for half the people?  Sloman, S. A. & Sloman, L. What does evolution tell	107 108 108 109
Dupré, J. Arbitrariness and bias in evolutionary speculation  Funder, D. C. Toward a nonarbitrary social	97 98 98	for evolutionary hypotheses Rushton, J. P. Age similarity is genetic similarity Russell, P. A. The evolutionary model is synthetic not heuristic Schoen, R. Marital choice and reproductive strategies Simpson, J. A. Half a theory and half the data for half the people? Sloman, S. A. & Sloman, L. What does evolution tell us about age preferences?	107 108 108 109
Dupré, J. Arbitrariness and bias in evolutionary speculation  Funder, D. C. Toward a nonarbitrary social psychology	97 98	for evolutionary hypotheses Rushton, J. P. Age similarity is genetic similarity Russell, P. A. The evolutionary model is synthetic not heuristic Schoen, R. Marital choice and reproductive strategies Simpson, J. A. Half a theory and half the data for half the people? Sloman, S. A. & Sloman, L. What does evolution tell us about age preferences? Stephan, W. G. Sexual motivation, patriarchy	107 108 108 109 109
Dupré, J. Arbitrariness and bias in evolutionary speculation  Funder, D. C. Toward a nonarbitrary social psychology  Glenn, N. D. Toward a more complete integration	97 98 98	for evolutionary hypotheses Rushton, J. P. Age similarity is genetic similarity Russell, P. A. The evolutionary model is synthetic not heuristic Schoen, R. Marital choice and reproductive strategies Simpson, J. A. Half a theory and half the data for half the people? Sloman, S. A. & Sloman, L. What does evolution tell us about age preferences? Stephan, W. G. Sexual motivation, patriarchy and compatibility	107 108 108 109
Dupré, J. Arbitrariness and bias in evolutionary speculation  Funder, D. C. Toward a nonarbitrary social psychology  Glenn, N. D. Toward a more complete integration of evolutionary and other perspectives on age	97 98 98 99	for evolutionary hypotheses Rushton, J. P. Age similarity is genetic similarity Russell, P. A. The evolutionary model is synthetic not heuristic Schoen, R. Marital choice and reproductive strategies Simpson, J. A. Half a theory and half the data for half the people? Sloman, S. A. & Sloman, L. What does evolution tell us about age preferences? Stephan, W. G. Sexual motivation, patriarchy and compatibility Stevens, G. Mortality and age-specific patterns	107 108 108 109 109 110
Dupré, J. Arbitrariness and bias in evolutionary speculation  Funder, D. C. Toward a nonarbitrary social psychology  Glenn, N. D. Toward a more complete integration of evolutionary and other perspectives on age preferences in mates	97 98 98	for evolutionary hypotheses Rushton, J. P. Age similarity is genetic similarity Russell, P. A. The evolutionary model is synthetic not heuristic Schoen, R. Marital choice and reproductive strategies Simpson, J. A. Half a theory and half the data for half the people? Sloman, S. A. & Sloman, L. What does evolution tell us about age preferences? Stephan, W. G. Sexual motivation, patriarchy and compatibility Stevens, G. Mortality and age-specific patterns of marriage	107 108 108 109 109 110 111
Dupré, J. Arbitrariness and bias in evolutionary speculation  Funder, D. C. Toward a nonarbitrary social psychology  Glenn, N. D. Toward a more complete integration of evolutionary and other perspectives on age preferences in mates  Grammer, K. Variations on a theme: Age dependent	97 98 98 99	for evolutionary hypotheses Rushton, J. P. Age similarity is genetic similarity Russell, P. A. The evolutionary model is synthetic not heuristic Schoen, R. Marital choice and reproductive strategies Simpson, J. A. Half a theory and half the data for half the people? Sloman, S. A. & Sloman, L. What does evolution tell us about age preferences? Stephan, W. G. Sexual motivation, patriarchy and compatibility Stevens, G. Mortality and age-specific patterns of marriage Symons, D. What do men want?	107 108 108 109 109 110
Dupré, J. Arbitrariness and bias in evolutionary speculation  Funder, D. C. Toward a nonarbitrary social psychology  Glenn, N. D. Toward a more complete integration of evolutionary and other perspectives on age preferences in mates  Grammer, K. Variations on a theme: Age dependent mate selection in humans	97 98 98 99	for evolutionary hypotheses Rushton, J. P. Age similarity is genetic similarity Russell, P. A. The evolutionary model is synthetic not heuristic Schoen, R. Marital choice and reproductive strategies Simpson, J. A. Half a theory and half the data for half the people? Sloman, S. A. & Sloman, L. What does evolution tell us about age preferences? Stephan, W. G. Sexual motivation, patriarchy and compatibility Stevens, G. Mortality and age-specific patterns of marriage Symons, D. What do men want? Thornhill, N. W. & Thornhill, P. A. A. The preferred	107 108 108 109 109 110 111
Dupré, J. Arbitrariness and bias in evolutionary speculation  Funder, D. C. Toward a nonarbitrary social psychology  Glenn, N. D. Toward a more complete integration of evolutionary and other perspectives on age preferences in mates  Grammer, K. Variations on a theme: Age dependent	97 98 98 99	for evolutionary hypotheses Rushton, J. P. Age similarity is genetic similarity Russell, P. A. The evolutionary model is synthetic not heuristic Schoen, R. Marital choice and reproductive strategies Simpson, J. A. Half a theory and half the data for half the people? Sloman, S. A. & Sloman, L. What does evolution tell us about age preferences? Stephan, W. G. Sexual motivation, patriarchy and compatibility Stevens, G. Mortality and age-specific patterns of marriage Symons, D. What do men want?	107 108 108 109 109 110 111

the same van Noordwijk, A. J. & Shykoff, J. A. Accounting for age preferences in sexual selection  116  Authors' Response  Kenrick, D. T. & Keefe, R. C. Sex differences in age preference: Universal reality or ephemeral construction?  119
for age preferences in sexual selection 117 preference: Universal reality or ephemeral
Cheney, D. L. & Seyfarth, R. M. Précis of How monkeys see the world
Onen Beau Ocuseranteur
Open Peer Commentary  Happé, F. & Frith, U. How autistics see the world  159
Allen, C. Monkeys mind  Harcourt, A. H. "How monkeys see the world."
Armstrong, D. M. Monkeys and consciousness 147 Why monkeys? 160
Baron-Cohen, S. How monkeys do things  Mealey, L. Are monkeys nomothetic or idiographic?  161
with "words"  148 Noble, W. & Davidson, I. What are mental states?  162
Boesch, C. New elements of a theory of mind in wild  Owings, D. H. Calls as labels: An intriguing theme,
chimpanzees 149 but one with limitations 162
Burghardt, G. M. Looking inside monkey minds:  Perloe, S. I. Exploring the "boundary" between
Milestone or millstone 150 the minds of monkeys and humans 163
Cords, M. Social versus ecological intelligence 151 Povinelli, D. J. & deBlois, S. On (not) attributing
Dewsbury, D. A. Surplusage, audience effects mental states to monkeys: First, know thyself
and George John Romanes  152 Ridley, R. M. How do monkeys remember the world? 166
Dittrich, W. H. Is the monkeys' world scientifically  Schull, J. & Smith, J. D. Knowing thyself, knowing
impenetrable? 152 the other: They're not the same 166  Dugatkin, L. A. & Clark, A. B. Of monkeys Snowdon, C. T. The sounds of silence 167
100
of mind, no Whiten, A. Mind reading, pretence and imitation in monkeys and apes 170
in orangutans 156
Glotzbach, P. A. Perception theory and the attribution  Authors' Response
of mental states 157 Cheney, D. L. & Seyfarth, R. M. Characterizing the mind of another species 172
monkey worlds? 172

## **BBS** Associates

## Please send BBS your electronic mail ('email') address

BBS is relying more and more on electronic mail to communicate with Associates (especially for circulating abstracts of recently accepted target articles so prospective commentators can nominate themselves).

If you have an email address, please inform BBS right away at:

harnad@clarity.princeton.edu or harnad@pucc.bitnet

(If you do not yet have an email address, we urge you to get one!)