

**The End of the Empty
Organism**

**NEUROBIOLOGY AND THE
SCIENCES OF
HUMAN ACTION**

Elliott White

The End Of The Empty Organism Neurobiology And The Sciences Of Human Action

Thomas Griffiths



The End Of The Empty Organism Neurobiology And The Sciences Of Human Action:

The End of the Empty Organism Elliott White, 1992-07-22 In a singularly fundamental challenge to the positions widespread among social scientists White distances himself from the reductionist models of the human brain He asserts basing his thought on the authoritative findings of modern neuroscientists the causal potency of human self awareness The acceptance of such a potential in mankind transforms the behavioral sciences into the science of human action Implicit in the evolutionary context of this perspective is a basic indeterminism inherent in human science White stresses the central role of conscious purpose in human action and emphasizes the importance of choice and its consequences at the level of political community In urging a consideration of the significance that neuroscience has for the behavioral sciences White explores truly basic issues at the heart of those disciplines He makes a persuasive case for interpreting human action as purposeful conscious choice based and cumulatively unpredictable

The Consilient Brain Gerald A. Cory Jr., 2012-12-06 The present work is the third in a series constituting an extension of my doctoral thesis done at Stanford in the early 1970s Like the earlier works *The Reciprocal Modular Brain in Economics and Politics* *Shaping the Rational and Moral Basis of Organization* *Exchange and Choice* Kluwer Academic Plenum Publishing 1999 and *Toward Consilience The Bioneurological Basis of Behavior Thought Experience and Language* Kluwer Academic Plenum Publishing 2000 it may also be considered to respond to the call for consilience by Edward O Wilson I agree with Wilson that there is a pressing need in the sciences today for the unification of the social with the natural sciences I consider the present work to proceed from the perspective of behavioral ecology specifically a subfield which I choose to call interpersonal behavioral ecology Ecology as a general field has emerged in the last quarter of the 20th century as a major theme of concern as we have become increasingly aware that we must preserve the planet whose limited resources we share with all other earthly creatures Interpersonal behavioral ecology however focuses not on the physical environment but upon our social environment It concerns our interpersonal behavioral interactions at all levels from simple dyadic one to one personal interactions to our larger even global social economic and political interactions

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Toward Consilience

Gerald A. Cory Jr.,2012-12-06 The present work is the second in a series constituting an extension of my doctoral thesis done at Stanford in the early 1970s Like the earlier work *The Reciprocal Modular Brain in Economics and Politics Shaping the Rational and Moral Basis of Organization Exchange and Choice* Plenum Publishing 1999 it may also be considered to respond to the call for consilience by Edward O Wilson I agree with Wilson that there is a pressing need in the sciences today for the unification of the social with the natural sciences I consider the present work to proceed from the perspective of behavioral ecology specifically a subfield which I choose to call interpersonal behavioral ecology th Ecology as a general field has emerged in the last quarter of the 20 century as a major theme of concern as we have become increasingly aware that we must preserve the planet whose limited resources we share with all other earthly creatures Interpersonal behavioral ecology however focuses not on the physical environment but upon our social environment It concerns our interpersonal behavioral interactions at all levels from simple dyadic one to one personal interactions to our larger even global social economic and political interactions

Brain Policy Robert H. Blank,1999-02-01 Neural grafting virtual reality gene therapy psychotropic drugs As startling new treatments emerge for disorders of the brain new concerns are arising along with them In the first book to examine the implications of the full range of revolutionary interventions now possible in the human brain Robert H Blank warns that while these new techniques may promise medical wonders they also raise profound political questions Our rapidly unfolding knowledge about the brain and the accompanying applications have three main policy dimensions funding research initiatives controlling individual use and assessing social consequences But underlying these aspects Blank argues are more disturbing issues that pose fundamental challenges to our conceptions of equality autonomy freedom responsibility and human nature itself *Brain Policy* makes the key facts from the technical literature readily accessible to social scientists and general readers and points out the implications for our society Blank first explains the structure and function of the nervous system and current theories of brain operation he then assesses the uses and potential abuses of various intervention techniques He identifies the public policy issues raised by discoveries in the neurosciences and calls for intensified scrutiny of the advantages and disadvantages of new technologies Warning that the risks and dangers of the dramatic developments in neuroscience are potentially large Blank offers a means of understanding these scientific advances and the philosophical and political issues they entail This book will be of interest to social scientists policy analysts policy makers bioethicists scientists who want to see the bigger picture and the informed reader with an interest in the implications of neuroscience for themselves and society

Human Nature and Public Policy A. Somit,S. Peterson,2003-07-03 Arguing for an evolutionary perspective this book directly challenges the Standard Social Science Model SSSM on which public policy has often been based The SSSM maintains that human behavior is solely the product of culture and learning In sharp contrast the Evolutionary Model EM holds that our behavior flows from the interaction between learning and culture on the one hand and biological factors especially our evolutionary legacy on the other These different approaches to human

behavior understandably lead to divergent conceptions of sound domestic and foreign policy The SSSM views human behavior as essentially plastic and thus readily changed by governmental action Disagreeing the Evolutionary Model sees that malleability as seriously limited by our species evolved propensity for aggression status seeking xenophobia ethnocentrism and hierarchical social structures

Politics and the Life Sciences Robert H. Blank, Samuel M. Hines Jr., Odelia Funke, Joseph Losco, Patrick Stewart, 2014-10-21 This book examines the development of biopolitics as an academic perspective within political science It reviews the work of the leading proponents of this perspective and presents a comprehensive view of biopolitics as a framework to structure political inquiry

How Humans Relate John Birtchnell, 1996 In this book John Birtchnell offers a new theory as the basis for a science of relating While links can be made between it and classical interpersonal theory it has many new and original features The theory states that the relating of humans must have evolved out of and be in continuity with the relating of all other animals The fundamental relating objective of both humans and animals can most easily be defined Identifying That Basic Framework Of Motives Which Is Common To Both Birtchnell proposes that such a framework is best constructed around two major axes a horizontal one concerning the degree to which we need to become involved with or separated from others and a vertical one concerning the degree to which we choose to exercise power over others or permit others to exercise their power over us We differ from other animals in the horizontal axis in the extent to which we have expanded our proclivity for close involvement and on the vertical axis in the extent to which we have become prepared to utilize such forms of power as we have or have acquired for the benefit of others As a consequence of our greater involvement we are capable of being concerned about and respectful of the needs of others and trusting of those who are prepared to utilize their power for our benefit though we remain capable of being disrespectful and non trusting The four objectives derived from the proposed framework are called closeness distance upperness and lowerness and a large part of the book is devoted to describing their characteristics The book also explores the use of the framework as a means of classifying personality disorders and mental illness This book should be of interest to professionals and students interested in human relationships including psychiatrists clinical and social psychologists and psychotherapists

Understanding Wisdom Warren, Jr. Brown, 2012-04-10 The study of wisdom is challenging and thought provoking This volume sheds light on the age old question What is wisdom and where does it come from Evidence of wisdom can be seen in both perception and performance in sacred scriptures and in brain images An eminent group of scholars from fields as diverse as theology philosophy medicine biology psychology and linguistics were brought together to bring focus to this understudied area of scientific research Editor Warren Brown presents his research on brain functioning drawn from observing individuals with damage to specific neural areas to suggest the importance of integration between hemispheres of the brain to comprehend complex situations in a way that may be termed wise Diana Van Lancker also looks at hemispheres of the brain and explores studies that show that left brain functioning is related to prayers chants and sayings often used in

religious practice Wolfgang Mieder recognized as the foremost scholar in the study of proverbs explores the secular use of the biblical proverb of A house divided against itself cannot stand Matt 12 25 R E Clements also looks to the book of Proverbs and focuses on its ultimate goal virtue and wholeness Genes, Brains, and Politics Elliott White, 1993-06-21 White moves from a simple proposition maintaining that all individuals seek suitable surroundings to propose a provocative approach to social and political action Rooting his position in modern life sciences and particularly in sociobiology and neurobiology he establishes an IMPish model that is interactional mentalist and populational Interactional in that both heredity and environment are credited for due influence on individuals traits mentalist in that individuals actions can be purposeful rather than simply determined and populational in his insistence that the unique persona must not be slighted in the rush to fashion statistics Applying his behavioral principles most notably relevant to self selection and using examples derived from modern political action White examines the importance of these fundamental orientations in the social and political orders The work has implications for policy assessment and re formulation It constitutes a challenge to much of the widely accepted contemporary political theory and public policy approaches

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web may 22 2015 li et al have shown that the biological diversity at lanthanide mining sites decreased when lanthanides were found in high concentrations 4 prompting researchers to isolate microorganisms that can effectively concentrate lanthanides in their cell walls for use in future bioremediation endeavors 5

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web this rooted the idea that the optical properties of Ln atoms can be understood in isolation indeed given the interest for the Ln iii luminescence most studies focus on understanding the f f transitions

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web jun 30 2023 elements lanthanum 57 through lutetium 71 on the periodic table are considered to be lanthanides lanthanides tend to react with oxygen to form oxides the reaction at room temperature can be slow while heat can cause the reaction to

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web to separate the lanthanides from other elements occurring with them they are chemically combined with specific substances to form lanthanide compounds with low solubility oxalates and fluorides for example a process known as ion exchange is then used to separate the lanthanides from each other in this process a solution of the

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web dec 12 2019 here s a list of the 15 elements that are lanthanides which run from atomic number 57 lanthanum or Ln and 71 lutetium or Lu lanthanum symbol Ln atomic number 57 cerium symbol Ce atomic number 58 praseodymium symbol Pr atomic number 59 neodymium symbol Nd atomic number 60 promethium symbol Pm

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web jan 1 1997 the lanthanides comprise the largest naturally occurring group in the periodic table there are more than 100 minerals known to contain lanthanides but the only two of commercial importance are monazite and bastnaesite the chapter discusses the production of lanthanide elements by electrolysis of fused salts and by metallothermic reduction

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web the fifteen elements shown in table pageindex 1 from lanthanum La 4f 0 to lutetium Lu 4f 14 are lanthanoids Ln may be used as a general symbol for the lanthanoid elements although lanthanoids scandium Sc and yttrium Y are sometimes called rare earth elements they are relatively abundant in the earth s crust

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web nov 1 1998 production of lanthanides has shown a continuous increase in recent years 50 taking all these facts into account it is reasonable to consider the development of corrosion protection methods using this family of compounds at first

the lanthanide elements principally cerium were used in protection against corrosion at high

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web lanthanides metals peptides and proteins selectivity abstract the essential biological role of rare earth elements lay hidden until the discovery in 2011 that lanthanides are specifically incorporated into a bacterial methanol dehydrogenase

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web jan 1 2000 powell describes displacement chromatography and elution chromatography as the two principal methods for separating lanthanide cations by ion exchange chromatography in displacement chromatography the ions to be separated are first sorbed onto a column of the resin the analyte metals are eluted from the column

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web feb 4 2021 the lanthanides are located on the top row of the two rows of elements found below the main body of the periodic table placing the lanthanides and the actinides the row below the lanthanides below the other elements is just a matter of aesthetics the lanthanides belong to period 6 like cesium barium and hafnium