



Measuring the New World

*Environment and Science
and Society in Latin America*

NEIL SAPIER

Measuring The New World Enlightenment Science And South America

Neil Safier

Measuring The New World Enlightenment Science And South America:

Measuring the New World Neil Safier,2024-05-31 Prior to 1735 South America was terra incognita to many Europeans But that year the Paris Academy of Sciences sent a mission to the Spanish American province of Quito in present day Ecuador to study the curvature of the earth at the Equator Equipped with quadrants and telescopes the mission s participants referred to the transfer of scientific knowledge from Europe to the Andes as a sacred fire passing mysteriously through European astronomical instruments to observers in South America By taking an innovative interdisciplinary look at the traces of this expedition Measuring the New World examines the transatlantic flow of knowledge from West to East Through ephemeral monuments and geographical maps this book explores how the social and cultural worlds of South America contributed to the production of European scientific knowledge during the Enlightenment Neil Safier uses the notebooks of traveling philosophers as well as specimens from the expedition to place this particular scientific endeavor in the larger context of early modern print culture and the emerging intellectual category of scientist as author **Mapping Latin America** Jordana Dym,Karl Offen,2011-09-28 57 studies of individual maps and the cultural environment that they

spring from and exemplify including one pre Columbian map **Geographies of the Book** Charles W.J. Withers,2016-04-15 The geography of the book is as old as the history of the book though far less thoroughly explored Yet research has increasingly pointed to the spatial dimensions of book history to the transformation of texts as they are made and moved from place to place from authors to readers and within different communities and cultures of reception Widespread recognition of the significance of place of the effects of movement over space and of the importance of location to the making and reception of print culture has been a feature of recent book history work and draws in many instances upon studies within the history of science as well as geography Geographies of the Book explores the complex relationships between the making of books in certain geographical contexts the movement of books epistemologically as well as geographically and the ways in which they are received

Global Scientific Practice in an Age of Revolutions, 1750-1850 Patrick Manning,Daniel Rood,2016-09-27 The century from 1750 to 1850 was a period of dramatic transformations in world history fostering several types of revolutionary change beyond the political landscape Independence movements in Europe the Americas and other parts of the world were catalysts for radical economic social and cultural reform And it was during this age of revolutions an era of rapidly expanding scientific investigation that profound changes in scientific knowledge and practice also took place In this volume an esteemed group of international historians examines key elements of science in societies across Spanish America Europe West Africa India and Asia as they overlapped each other increasingly Chapters focus on the range of participants in eighteenth and nineteenth century science their concentrated effort in description and taxonomy and advances in techniques for sharing knowledge Together contributors highlight the role of scientific change and development in tightening global and imperial connections encouraging a deeper conversation among historians of science and world historians and shedding new light on

a pivotal moment in history for both fields South America H. Micheal Tarver,Carlos E. Márquez Petit,2025-03-20 This two volume encyclopedia provides entries on the key peoples events industries and landmarks essential to the history of South American countries from European contact to their independence

Linnaeus, Natural History and the Circulation of Knowledge Hanna Hodacs,Kenneth Nyberg,Stéphane van Damme,2018 The name of Carl Linnaeus 1707 1778 is inscribed in almost every flora and fauna published from the mid eighteenth century onwards in this respect he is virtually immortal In this book a group of specialists argue for the need to re centre Linnaean science and de centre Linnaeus the man by exploring the ideas practices and people connected to his taxonomic innovations Contributors examine the various techniques materials and methods that originated within the Linnaean workshop paper technologies publication strategies and markets for specimens Fresh analyses of the reception of Linnaeus s work in Paris K nigsberg Edinburgh and beyond offer a window on the local contexts of knowledge transfer including new perspectives on the history of anthropology and stadal theory The global implications and negotiated nature of these intellectual social and material developments are further investigated in chapters tracing the experiences and encounters of Linnaean travellers in Africa Latin America and South Asia Through focusing on the circulation of Linnaean knowledge and placing it within the context of eighteenth century globalization authors provide innovative and important contributions to our understanding of the early modern history of science

Horizons James Poskett,2022-03-24 Superb Sunday Times Revolutionary Alice Roberts Hugely important Jim Al Khalili _____ A radical retelling of the history of science that foregrounds the scientists erased from history In this major retelling of the history of science from 1450 to the present day James Poskett explodes the myth that science began in Europe The blinkered Western gaze focusing on individual genius Copernicus Newton Darwin Einstein was only one part of the story The reality was an utterly global non linear pattern of cross fertilization competition cooperation and outright conflict Each rupture in history carved fresh channels for global exchange Here for the first time Poskett celebrates how scientists from Africa America Asia and the Pacific were integral to this very human story We meet Graman Kwasi the African botanist who discovered a new cure for malaria Hantaro Nagaoka the Japanese scientist who first described the structure of the atom and Zhao Zhongyao the Chinese physicist who discovered antimatter _____

Remarkable Challenges almost everything we know about science in the West Jerry Brotton author of A History of the World in 12 Maps Perspective shattering Caroline Sanderson The Bookseller Editor s Choice Horizons upends traditional accounts of the history of science Rebecca Wragg Sykes author of Kindred Poskett deftly blends the achievements of little known figures into the wider history of science brims with clarity Chris Allnutt Financial Times **The Brokered World** Simon Schaffer,2009 Collection of essays focusing on the roles of intermediaries such as brokers and spies messengers and translators missionaries and entrepreneurs in linking different parts of the ever more densely entangled systems of knowledge production and circulation at a key moment in the development of global scientific commercial and political

systems The period 1770 1820 was decisive for the reformation of imperial projects in the wake of military catastrophe and politico economic crisis both in the Atlantic and the Asian Pacific spheres economic and political worlds dominated by complex trade systems and violent contest This conjuncture also saw the overhaul of networks and institutions of natural knowledge whether commercial voluntary or organs of state Both the industrial and the second scientific revolutions have been dated to this moment New and decisive relations were forged between different cultures knowledge carriers The authors consider knowledge movements of the epoch that escape simple models of metropolitan centre and remote colonial periphery They question the immutable character of mediators and agents in knowledge communication

From

Provincial Savant to Parisian Naturalist Pierre Joseph Amoreux,2017 Pierre Joseph Amoreux of Montpellier was a Linnaean naturalist agronomist and bibliographer whose adult life spanned the last decades of the ancien régime the French Revolution the age of Napoleon and the Restoration Thanks to his many publications and contacts he was a well known figure in his own day not just in the Midi but in Paris and beyond His autobiography published here for the first time along with a substantial introduction provides the fullest first person account of the life of a provincial man of science during this tumultuous period of France s history Before the French Revolution Amoreux used his Montpellier base and the new prize essay contest to become a renowned and respected figure in the multi centred Republic of Letters Post Revolution when French science became exclusively centred on Paris he succeeded in relaunching his scientific career through frequent visits to the capital where he cultivated the leading lights of the Institut and the Jardin des plantes Laurence Brockliss opens this volume by providing an in depth analysis of the context of Amoreux s life and work based on his surviving letters printed and manuscript books and articles and his autobiographical Souvenirs Amoreux emerges as a driven often ruthless man of science wealthy enough to devote the majority of his life to his intellectual pursuits keen to retain his independence and more interested in worldly success than he pretended The following fully annotated transcription of Amoreux s Souvenirs provides an unparalleled insight into the world of the minor intellectual in the Age of Enlightenment and Revolution where success or failure could turn on the whims of publishing fashion and the vagaries of the postal service The Souvenirs also offer novel access to the vibrant underbelly of intellectual life in early nineteenth century Paris as Amoreux introduces us to a little known world of libraries museums booksellers collectors nurserymen and dealers

Fugitive Knowledge Andreas

Beer,Gesa Mackenthun,2015 Encounters between cultures are also encounters between knowledge systems This volume brings together a number of case studies that explore how some knowledge in cultural contact zones becomes transient evanescent and ephemeral The essays examine various aspects of cultural especially colonial epistemic exchanges placing special emphasis on the fate of those knowledges that are not easily appropriated by or translated from one cultural sphere into another and thus remain at the margins of cross cultural exchanges In addition the imposition of colonial power is unthinkable without the strategic deployment and use of knowledge most colonial states including those of Germany in the

Baltic and in West Africa were knowledge acquiring machines yet acquisition always includes rejection detainment and subjugation of recalcitrant epistemes Bringing together insights from various scholarly disciplines including literary studies history historical anthropology and political science the essays in this volume investigate how different or unfamiliar knowledge was and in some cases still is disarticulated by being belittled discredited and demonized But they also show the strategies of resilience deployed by subjugated and subaltern people the ways in which certain materials have escaped the coloniality of knowledge how fragments and shards of other epistemologies remain inscribed in the polyphony and fuzziness of intercultural documents and archives *L'Europe des sciences et des techniques, XVe-XVIIIe siècle* Liliane

Hilaire-Pérez,Fabien Simon,Marie Thébaud-Sorger,2016 Comment la construction et la diffusion des savoirs ont transformé l'approche du monde et de la nature la conception même du temps et de l'espace dans l'Europe moderne Des villes de la péninsule italienne la Renaissance aux expéditions scientifiques menées par l'Académie royale des sciences ou la Royal Society durant les Lumières la transformation territoriale politique et sociale de l'Europe s'est effectuée autant par la maîtrise de savoir faire techniques que par le biais d'investigations savantes qui ont façonné les contours de la dite modernité européenne

Isis Current Bibliography of the History of Science and Its Cultural Influences ,2008 **Annales** ,2009 **Revista brasileira de história** ,2009 *The Rediscovery of the New World* ,1972 **La presenza in Italia dei gesuiti iberici espulsi** Ugo Baldini,Gian Paolo Brizzi,2010 **Livros e impressos** Lúcia Maria Bastos Pereira das Neves,2009

Alegorías María Tausiet,2014 Desde siempre las alegorías trataron de expresar lo inexpresable o por lo menos aquello que no era fácil de comunicar lo desconocido lo nuevo lo extra o lo indecible Las representaciones de conceptos abstractos se manifestaron desde muy antiguo en dos terrenos privilegiados para la comunicación humana las palabras y las imágenes Los ensayos que componen este libro constituyen una buena muestra del protagonismo del pensamiento alegórico en la España Moderna Tratándose de una sociedad especialmente creyente no ha de sorprendernos que el hilo que atraviesa las páginas del libro de principio a fin sea la omnipresencia de la religión Las alegorías religiosas impregnaron dicho periodo y ello se plasma tanto en el lenguaje y la literatura como en la Flor Tropas en las artes plásticas Monteira Pereda en la ciencia Marcaida Pimentel como por descontado en el ámbito propiamente espiritual ya fuera desde una perspectiva teológica elitista Clark o desde una vivencia más popular Delpech Tausiet *Guilt and Debts* Mercedes Pineda,Lars Bang Larsen,2018 The artist Dierk Schmidt Unna 1965 makes use of the aesthetic and the visual to disrupt positivist and linear concepts of history with respect to the omissions and violence in colonial narratives one of the core themes running through his work along with a need for the restitution of plundered objects and the related international law the manipulation of museum discourses and the contrived and dramatic state of televised politics The retrospective held by the Museo Reina Sofía assembles some of Schmidt's most ambitious projects as The Division of the Earth or Broken Windows and concludes with a site specific project related to the role of the Palacio de Velázquez where the show is displayed directly after it was built in 1883 and in view of its housing in

1887 part of the monographic exhibition of the Philippines Mariana and Caroline Islands before becoming the Biblioteca y Museo de Ultramar the Museum Library of the Overseas 00Exhibition Museo Nacional Centro de Arte Reina Sofía a Madrid Spain 09 10 2018 10 03 2019 [The Bernard J. Flatow Collection of Latin American Cronistas in the Library of the University of North Carolina at Chapel Hill](#) Howard E. Covington (Jr.), William D. Ilgen, 2005 In this collective biography spanning four generations Howard Covington explores how one prestigious family shaped the development of Durham and of North Carolina Covington examines the life and legacies of George Washington Watts his son in law John Sprunt Hill George Watts Hill and George Watts Hill Jr analyzing the personalities belief systems relationships and life forces that propelled these four men each to become one of the leading figures of his generation Perhaps best known for family businesses such as Central Carolina Bank The Carolina Inn and Watts Hospital and for their partnership in the American Tobacco Company Watts and the Hills were also advocates for education fair banking credit unions health insurance and more Their charitable contributions to countless enterprises and educational institutions made them famous for philanthropy and their leadership skills made them influential in any venture they supported Active in both local and statewide politics all four also worked for major infrastructure changes including a better highway system and the development of Research Triangle Park and all left legacies that continue to support and enrich North Carolina BOOK JACKET

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