Hukay

Journal of the University of the Philippines Archaeological Studies Program Volume 8 2005



Archaeological Studies Program University of the Philippines 2005

Theme Editor

Sharon Fiel R. Teodosio

Editor

Victor I. Paz

Consultants

Wilhelm G. Solheim II Eusebio Dizon Wilfredo Ronquillo Cecilio Salcedo

Staff

Vito Hernandez Jack G. L. Medrana Janine Therese Ochoa Andrea Malaya Ragragio

Layout Tai Vitales

Cover Graphics Designer Noëll EL Farol

Hukay is a refereed journal of the graduate community of the University of the Philippines Archaeological Studies Program. It welcomes articles from local and foreign authors who wish to present new data relevant to Philippine archaeology. It is published biannually. The journal accepts articles of varied length (from 2,000–10,000 words), provided that these are independent and have not been previously published. Book reviews are also accepted. Manuscripts may be mailed or personally submitted with a soft copy to The Editor, Hukay, Archaeological Studies Program, University of the Philippines, Diliman, Quezon City 1101, or sent to this address: hukay@up.edu.ph. The Editors and the Board of Consultants are not responsible and should not be held liable for any personal views or opinions expressed here by the contributing authors. All questions and/or reactions to such should be addressed to the individual author concerned.

Archaeological Studies Program, Palma Hall University of the Philippines, Diliman, Quezon City

© 2006 The Archaeological Studies Program
All Rights Reserved
No copies can be made in part or in whole without prior
written permission from the author and the publisher

ISSN 0119 173X

On the Cover: "Digitalized Wall"

Working on a series of "visual instruments," these microgeologic elements of the landscape and macroaerial views generate immense complexity through the repetition of very simple pixilated features, giving emphasis on the language of the Earth's surface.

Contents

| 1 | The Nagsabaran Shell Midden Site: A Soil Micromorphological Approach |
|---|--|
| | Armand Salvador B. Mijares |

- 13 The Earliest Bone Tools in the Philippines: Patterns and Issues Sharon Fiel R. Teodosio
- 37 In Dogged Pursuit: A Reassessment of the Dog's Domestication and Social Incorporation

 Janine Therese Ochoa
- 67 Can You Tell Me How the Pot Fell? Jack G. L. Medrana
- 89 Basketry Weaves and Bau-Malay Earthenware Pottery in
 Southeast Asia
 Wilhelm G. Solheim II
- 101 Where Organization Is Supposedly Least Likely to Exist:

Battlefield Archaeology

Andrea Malaya Ragragio

BOOK REVIEWS

- 134 Peter Bellwood. 2005. First Farmers: The Origins of Agricultural Societies
 Oxford: Blackwell Publishing
 Reviewed by Wilhelm G. Solheim II
- 145 Monica Janowski. 2003. The Forest, Source of Life: The Kelabit of Sarawak London: British Museum Reviewed by Taj Vitales
- 148 Franck Goddio, Monique Crick, Peter Lam, Stacey Pierson, and
 Rosemary Scott. 2002. Lost at Sea: The Strange Route of the Lena Shoal Junk
 London: Periplus
 Reviewed by Andrea Malaya Ragragio
- Keith Wilkinson and Chris Stevens. 2003. Environmental Archaeology:
 Approaches Techniques & Applications
 Gloucestershire: Tempus Publishing Ltd.
 Reviewed by Vito Hernandez
- 156 Stephen Oppenheimer. 2003. Out of Eden: The Peopling of the World London: Constable and Robinson

 Reviewed by Michael James B. Herrera

Foreword: After a Decade

The year 2005 marks the 10th year anniversary of the Archaeological Studies Program. **Hukau** commemorates this milestone by compiling in this volume articles exploring the new methods available to Philippine archaeologists. Throughout a decade of existence, the program has emphasized the importance of utilizing methods of inquiry that can address the core issues of archaeological research in the Philippines. The program's approach to this end is three-fold: first, it hosted scholars who are specialists in their own fields for short term visits in the Philippines; second, the rapport between these experts and the local community of researchers was encouraged—and through this, a network of both local and foreign experts is kept active; third, an aggressive campaign for publication among local researchers was initiated. **Hukay** played an important role in this last aspect, as it is one of the few local venues for publication. After a decade, a rejuvenated Hukay appears in this eighth volume. This reinvigoration is due mainly to the new set of overseas referees who joined the original local panel. With this potent combination of experts, this volume is able to present six original articles focusing on methods and their applications.

The theme that unites these six articles is not only method but also perspective. Mijares' work takes on a microscopic perspective as it seeks to find meaning in what is perhaps the smallest unit of the archaeological matrix—soil. He applies soil micromorphological analysis to determine the various depositional processes that formed the archaeological layers of Nagsabaran, a site in Lal-lo, Cagayan. Mijares' work is very much pioneering as it is the first application of this method to an open archaeological site in the Philippines. Teodosio also discusses in part a microscopic approach to bone tools as she synthesizes the current data on bone tools in the Philippines. The article explores the macro and micro methods that can be applied to bone and identifies the issues raised by these data. In the third article, Ochoa presents a thorough overview of the domestication of the dog and its relevance to cultures in Southeast Asia. The heart of this article, however, is the result of the analysis conducted on the canid remains recovered at Ille Rockshelter, Northern Palawan in its 2005 season of excavation. With these results, the integration and practical values the dog had to the ancient inhabitants of Palawan are illustrated.

Can you tell me how the pot fell? Medrana asks this question in his experiment on earthenware breakage patterns. After breaking several pots perhaps with much compunction, he shows that there is some amount of relationship between the height of fall and the resulting mass and number of sherds. But one might also ask, what is the practical purpose of such an experimental approach to archaeology? This and a few other questions are addressed in the article. A fitting partner to this paper is Solheim's work, which revisits the Bau-Malay pottery tradition. Here, Solheim discusses the etymology of the term and provides fresh views on the understanding of this tradition.

Finally, the widest perspective is seen in the last paper on the landscape of battlefields. To demonstrate the method of identifying battle sites, Ragragio conducted a survey of the historical battlefield at San Mateo, Rizal. Filipino soldiers once engaged the better-armed American soldiers in battle here in the darkest days of the Filipino-American War. The survey showed that the landscape still keeps the remnants of this war that most have forgotten. With this method, the paper reveals that a more passionate rendering of war and history can be had when both historian and archaeologist interpret the landscape.

Such a gradation from the microscopic to the macroscopic is an apt metaphor of the development that the program has undergone through the years. It demonstrates that after a decade of existence, the small community at the basement of Palma Hall has reached a certain breadth of expertise. This continues to grow.

Hukay is a witness to this new rigor of scholarship in archaeology in the Philippines. With much perseverance, the journal can live on to see another decade of good research not only in the Philippines but also in the larger region of Asia and the Pacific.

The Editors