**[For supplementary information]**

**GeoPACHA: augmenting field data with archaeological imagery survey—mapping hilltop fortifications on the north coast of Peru**

Giles Spence Morrow1\*[ORCiD 0000-0001-8010-0172], Parker VanValkenburgh2[ORCiD 0000-0002-4289-6170], Christopher Wai3 , & Steven A. Wernke1[ORCiD 0000-0001-8180-9896]

1 Department of Anthropology, Vanderbilt University, Nashville, USA

2 Department of Anthropology, Brown University, Providence, USA

3 Department of Anthropology, University of Toronto, Canada

\* Author for correspondence ✉ giles.spence.morrow@vanderbilt.edu

*Received: 19 September 2022; Revised: 20 April 2023; Accepted: 2 July 2023*

**Table S1. Supplementary data for sites located through satellite imagery survey (novel) or pedestrian survey in the Jequetepeque Valley.**

|  |  |  |
| --- | --- | --- |
| **Figure 3 location** | **GeoPACHA Locus ID** | **Correspondence** |
| a | 19313 | Novel |
| aa | 14533 | Dillehay *et al.* 2009 |
| b | 19314 | Novel |
| bb | 14819 | Dillehay 2001 |
| c | 19316 | Novel |
| cc | 14822 | Dillehay *et al.* 2009 |
| d | 19317 | Novel |
| dd | 14857 | Novel |
| e | 19318 | Novel |
| ee | 14879 | Novel |
| f | 19319 | Novel |
| ff | 17212 | Dillehay 2001 |
| g | 19320 | Novel |
| gg | 18693 | Novel |
| h | 19321 | Novel |
| hh | 18692 | Novel |
| i | 19324 | Novel |
| ii | 25 | Novel |
| j | 19325 | Novel |
| jj | 27 | Novel |
| k | 19326 | Novel |
| kk | 24 | Novel |
| l | 19327 | Novel |
| ll | 22 | Novel |
| m | 19329 | Novel |
| mm | 18713 | Novel |
| n | 19330 | Novel |
| nn | 18716 | Dillehay 2001 |
| o | 19331 | Novel |
| oo | 18717 | Dillehay 2001 |
| p | 19335 | Novel |
| pp | 18718 | Dillehay 2001 |
| q | 19005 | Novel |
| qq | 18721 | Dillehay 2001 |
| r | 19006 | Novel |
| rr | 18722 | Novel |
| s | 19010 | Novel |
| ss | 18723 | Novel |
| t | 19018 | Novel |
| tt | 18724 | Dillehay 2001 |
| u | 19019 | Novel |
| uu | 11 | Dillehay 2001 |
| v | 19020 | Novel |
| w | 19021 | Novel |
| x | 19022 | Novel |
| y | 19023 | Novel |
| z | 13967 | Dillehay 2001 |

**Table S2. Supplementary data for sites located through satellite imagery survey (novel) or pedestrian survey in the Lower Santa Valley.**

|  |  |  |
| --- | --- | --- |
| **Figure 5 location** | **GeoPACHA Locus ID** | **Correspondence** |
| a | 32431 | Novel |
| aa | 385 | Novel |
| b | 32769 | Novel |
| bb | 100 | Novel |
| c | 32770 | Novel |
| cc | 104 | Novel |
| d | 95 | Novel |
| dd | 4389 | Novel |
| e | 7190 | Novel |
| ee | 4395 | Novel |
| f | 599 | Novel |
| ff | 4382 | Wilson 1988 |
| g | 575 | Novel |
| h | 573 | Novel |
| i | 574 | Wilson 1988 |
| j | 571 | Wilson 1988 |
| k | 572 | Wilson 1988 |
| l | 584 | Wilson 1988 |
| m | 570 | Wilson 1988 |
| n | 595 | Wilson 1988 |
| o | 2994 | Wilson 1988 |
| p | 578 | Wilson 1988 |
| q | 566 | Novel |
| r | 567 | Wilson 1988 |
| s | 582 | Wilson 1988 |
| t | 568 | Wilson 1988 |
| u | 569 | Wilson 1988 |
| v | 419 | Novel |
| w | 384 | Wilson 1988 |
| x | 407 | Novel |
| y | 380 | Novel |
| z | 382 | Novel |

**References**

Dillehay, T.D. 2001. Town and country in Late Moche times: a view from two northern valleys, in J. Pillsbury (ed.) *Moche art and archaeology in ancient Peru* (Studies in the History of Art 63): 259–84. Washington, D.C.: National Gallery of Art.

Dillehay, T.D., A.L. Kolata & E.R. Swenson. 2009. *Paisajes Culturales en el Valle del Jequetepeque: Los Yacimientos Arqueológicos*. Trujillo: Ediciones Sian.

Wilson, D.J. 1988. *Pre-Hispanic settlement patterns in the Lower Santa Valley, north coast of Peru: a regional perspective on the origins and development of complex society.* Washington, D.C.: Smithsonian Institution Press.