

1. Record Nr.	UNINA9910824828303321
Autore	Dixon Boyd
Titolo	Afetna Point, Saipan : archaeological investigations of a Latte Period village and historic context in the Commonwealth of the Northern Mariana Islands / / Boyd Dixon [and three others]
Pubbl/distr/stampa	Oxford, England : , : Archaeopress, , [2019] ©2019
ISBN	1-78969-177-X
Descrizione fisica	1 online resource (202 pages)
Disciplina	996.7
Soggetti	Archaeology Saipan (Northern Mariana Islands) Antiquities
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Cover -- Title Page -- Copyright Information -- Copyright Information -- Contents -- Preface -- Chapter 1 -- 1.1. Afetna Point Then and Now -- Introduction to Afetna Point on Saipan -- 1.2. Afetna Point Archaeological Project -- Chapter 2 -- Environmental Context of Afetna Point -- 2.1. Physical Environment -- 2.1.1 Geology -- 2.1.2 Soils -- 2.1.3. Precipitation -- 2.1.4. Vegetation -- Chapter 3 -- Research Design and Methods Employed -- 3.1. Research Objectives -- 3.2. Research Questions -- 3.2.1 Pre-Latte Period Site -- 3.2.2 Latte Period Site -- 3.3. Methods -- 3.3.1. Field Methods -- 3.3.2. Data Recovery Excavation -- 3.3.3 Laboratory Methods -- 3.3.3.1. Artifact Analysis -- 3.3.3.1.1 Ceramics -- 3.3.3.1.2. Stone Artifacts -- 3.3.3.1.3 Shell Artifacts -- 3.3.3.1.4 Historic Artifacts -- 3.3.3.1.5 Faunal Analysis -- Human Bone Analysis -- 3.3.3.1.6. Radiocarbon Dating -- 3.3.3.1.7 Microfossil Analysis -- 3.3.3.1.8 Pollen Analysis -- Specialized Analysis -- 3.3.3.1.10 Starch and Other Plant Materials -- 3.3.3.1.9 Phytolith Analysis -- 3.4 Previous Archaeological Investigations near Afetna Point -- Chapter 4 -- 4.1 Prehistoric Background -- 4.2 Pre-Latte Period -- 4.3 Latte Period -- 4.4. Historic Background -- 4.4.1. Contact Period -- 4.4.2. Spanish Administration -- 4.4.3. German Administration -- 4.4.4. Japanese Administration -- 4.4.5. American Administration -- Chapter 5 -- Latte Period Results --

5.1 Data Recovery Excavation -- 5.1.1. Features and their Contexts --  
5.1.2. Stratigraphic Context -- 5.1.3. Site SP 1-1037 -- 5.1.3.1.  
Feature 1 -- 5.1.3.1.1 Feature 1 Test Pit 1 -- 5.1.3.2 Feature 2 --  
5.1.3.2.1. Feature 2 Test Pit 1 -- 5.1.3.3. Feature 3 -- 5.1.3.3.1.  
Feature 3 Test Pit 1 -- 5.1.3.4. Feature 4 -- 5.1.3.5. Feature 5 --  
5.1.3.5.1. Feature 5 Test Pit 1 -- 5.1.3.6. Feature 7 -- 5.1.3.7. Feature  
8 -- 5.1.3.7.1. Feature 8 Test Pit 1.  
5.1.4 Artifacts -- 5.1.4.1. Groundstone Artifacts -- Adzes -- Pounders  
-- Grinders -- Spheres/Ovoids -- Anvil -- Mortars and Basins --  
Polishing Stones -- 5.1.4.2. Coral Artifacts -- Abraders -- Bead --  
Pestle -- 5.1.4.3 Limestone Sling Stones -- Patterning of Lithic  
Artifacts at Parcel 004-1-52 -- 5.1.4.4. Marine Shell Artifacts -- Adzes  
-- Grater -- Beads -- Marine Shell Midden -- 5.1.4.5. Bone Artifacts --  
5.1.4.6. Ceramics -- 5.1.5. Faunal Bone Remains -- 5.2. Radiocarbon  
Dating -- 5.2.1. Research Questions and Interpretive Models -- 5.2.2.  
Materials and Analytical Methods -- 5.2.3. Radiocarbon Results --  
5.2.3.1. Feature 1 -- 5.2.3.2. Feature 2 -- 5.2.3.3. Feature 3 --  
5.2.3.4. Feature 5 -- 5.2.3.5. Feature 8 -- 5.2.3.6. Statistical Analyses  
of SP 1-1037 Radiocarbon Results -- 5.2.3.7. Discussion of  
Radiocarbon results -- 5.3. Microfossil Remains -- 5.3.1. Microfossil  
Results -- Chapter 6 -- 6.1 Introduction -- 6.1.1 Previous  
Osteological Investigations in Saipan -- 6.2 Assemblage characteristics  
-- 6.2.1 Preservation -- 6.2.2 Calculations of Minimum Number of  
Individuals -- 6.3. Paleodemography -- 6.3.1 Age and Sex Distribution  
-- 6.3.2 Abridged Life Table -- 6.4 Morphology of the cranium and  
mandible -- 6.4.1 Cranial and Mandibular Metric Data -- 6.4.2 Cranial  
and Mandibular Nonmetric Data -- 6.5 Morphology of the postcranial  
remains -- 6.5.1 Postcranial Metric Data for Adults -- 6.5.2 Estimated  
Stature for Adults -- 6.5.3 Postcranial Nonmetric Data -- 6.6 Dental  
Morphology and Pathologies -- 6.6.1 Dental Metric Data -- 6.6.2  
Dental Nonmetric Data -- 6.6.3 Permanent Dentition -- 6.6.4 Linear  
Enamel Hypoplasias -- 6.6.5 Carious Lesions -- 6.6.6 Abscesses --  
6.6.7 Antemortem Tooth Loss -- 6.6.8 Calculus -- 6.6.9 Periodontal  
Disease -- 6.6.10 Dental Attrition -- 6.6.11 Betel Nut Staining --  
6.6.12 Deciduous Dentition.  
6.7 Skeletal Pathologies -- 6.7.1 Trauma -- 6.7.2 Treponematosis  
(Yaws) -- 6.7.3 Osteoarthritis -- 6.7.4 Vertebral Osteoarthritis -- 6.7.5  
Degenerative Joint Disease -- 6.7.6 Pathologies of Unknown Etiology  
and Other Conditions -- 6.7.7 Pacchionian Pits -- 6.7.8 Squatting  
Facets -- 6.7.9 Unknown Etiology -- 6.7.10 Occipital Superstructures  
-- 6.8 Mortuary Analysis -- 5.8.3 Grave Goods -- 6.8.1 Burial  
Orientation -- 6.8.2 Burial Position and Placement -- 6.8.4 Discussion  
-- 6.9 Conclusions -- 6.9.1 Summary -- 6.9.2 How do the individuals  
recovered compare to remains recovered from other sites? -- Chapter 7  
-- Discussion of Research Questions -- 7.1 Pre-Latte Period -- 7.2  
Latte Period -- 7.2.1 Does the patterning of Latte burials suggest  
locations of domestic residences (latte structures)? -- 7.2.2 What are  
the demographics of the burial population recovered? -- 7.2.3 What is  
the general health of this population? -- Chapter 8 -- Larger Research  
Implications -- 8.1 Latte Period Comparisons -- 9.1 Archaeological  
and Historical References -- Chapter 9 -- References Cited by Major  
Topics -- 9.2 Osteological References -- Figure 1. Location of Saipan  
in the Northern Mariana Islands -- Figure 2. Project Location on Saipan  
-- Figure 3. Archaeological Inventory Survey Results -- Figure 4.  
Timeline for Parcel 004-1-52, San Antonio, Saipan -- Figure 5.  
Schematic of Construction Phases Across the Project Area -- Figure 6.  
Clock Used to Measure Rim Orientation -- Figure 7. Ceramic Vessel  
Forms in the Mariana Islands -- Figure 8. Kalabera Cave Latte sets --

Table 1. Cultural Sequence for Afetna Site (Adapted from McGovern-Wilson 1989:26) -- Figure 9. Map of San Antonio Village Showing the Afetna Archaeological Site -- Figure 10. TP Locations at Surf Hotel -- Figure 11. Burial Locations at the Surf Hotel -- Table 2. Saipan Chronology.  
Figure 12. Early Pre-Latte Coastline -- Figure 13. Late Pre-Latte Coastline -- Figure 14. Latte Period Settlement Areas -- Figure 15. Subsurface Prehistoric Remains Recorded during Data Recovery -- Table 3. Archaeological Features Recorded during Excavation of the Property -- Figure 16. Location of Archaeological Sites and Features -- Figure 17. Site SP 1-1037 with Features -- Figure 18. Site SP 1-1037, Feature 1, Plan View and Profile Photo -- Figure 19. Site SP 1-1037, Feature 1, Plan View and Profile View to west -- Table 4. Stratigraphic Summary of Feature 1 TP1 at -- Figure 20. Site SP 1-1037, Feature 2, Plan View to the West, Profile below on the Left -- Table 5.  
Stratigraphic Summary of Feature 2 TP1 -- Figure 21. Site SP 1-1037, Feature 2, Plan View and Profile to the Northeast -- Table 6.  
Stratigraphic Summary of Shovel Test Pits at Feature 3 -- Figure 22.  
Site SP 1-1037, Feature 3, Profile of TP1, View to the South -- Figure 23. Site SP 1-1037, Feature 3, TP1 Profile, South Wall -- Figure 24. Site SP 1-1037, Feature 3, TP1 Plan View and Negative Shovel Test Pits -- Figure 25. Site SP 1-1037, Feature 4, Profile with Complex Stratigraphy Below -- Table 7. Stratigraphic Summary of Feature 3 TP1 -- Figure 26.  
Site SP 1-1037, Feature 4, Profile of the North Wall -- Figure 27. Site SP 1-1037, Feature 5, Profile of East Wall -- Table 8. Stratigraphic Summary of Feature 5 TP1 -- Figure 28. Site SP 1-1037, Feature 7, Plan View to the South -- Figure 29. Site SP 1-1037, Feature 7, Plan View of Hearth -- Figure 30. Site SP 1-1037, Feature 8 Profile, View to the Northeast -- Table 9. Stratigraphic Summary of Feature 8 TP1 -- Figure 31. Site SP 1-1037, Feature 8, Profile of North Wall -- Figure 32.  
Artifact Number 55.001, Basalt Adze, Ground Flat and Sharpened -- Figure 33. Artifact Number 139.001, Basalt Adze, Oval Shape with Use Wear on Bevel.  
Table 10. Basalt Artifacts Collected from Site SP 1-1037 -- Figure 34.  
Artifact Number 21.001 (left) and Artifact Number 17.001 (right) Basalt Adze -- Figure 35. Artifact Number 39.001, Basalt Pounder, Tear Drop Shaped Cobble with Use Wear -- Figure 36. Artifact Number 46.001, Basalt Pounder, Oval Shaped Cobble with Use Wear -- Figure 37.  
Artifact Number 13.001, Basalt Pounder, Rectangular Shaped Cobble -- Figure 38. Artifact Number 166.001, Basalt Pounder, Conical Shaped Cobble with Use Wear -- Figure 39. Artifact Number 164.001, Basalt Pounder, Oval Shaped Cobble with Use Wear -- Figure 40. Artifact Number 171.001, Basalt Grinder, Oval Shaped Cobble with Use Wear -- Figure 41. Artifact Number 175.001, Basalt Grinder, Oval Shaped Cobble with Use Wear -- Figure 42. Artifact Number 167.001, Basalt Grinder, Oval Shaped Cobble with Use Wear -- Figure 43. Artifact Number 176.001, Stone Sphere -- Figure 44. Artifact Number 173.001, Stone Sphere with Band around the Center -- Figure 45. Artifact Number 177.001, Basalt Anvil with Chipping around Edges -- Figure 46. Artifact Number 161.001, Basalt Mortar, Circular Shaped Ground Cobble -- Figure 47. Artifact Number 161.002, Basalt Mortar, Irregular Shaped Ground Cobble -- Figure 48. Artifact Number 37.001, Basalt Mortar, Circular Shaped Ground Cobble -- Figure 49. Artifact Number 140.001, Basalt Polishing Stone, Oval Shaped Cobble -- Figure 50.  
Artifact Number 19.001, Pitted Coral Abrader, Oval Shaped with Depressions -- Table 11. Coral Artifacts Recovered at Site SP 1-1037 -- Figure 51. Artifact Number 132.001, Coral Pestle, Rectangular Shaped with Use Wear -- Figure 52. Artifact Number 116.001,

Fossilized Coral Bead, Polished and Drilled -- Figure 53. Limestone and Basalt Sling Stones, Uniform to Irregular Shaped -- Table 12. Limestone Artifacts Recovered from Site SP 1-1037.

Table 13. Frequency and Relative Percent of Stone Tools from Parcel 004-1-52.

**Sommario/riassunto**

Archaeological investigations at the Chamorro village at Afetna Point on the southwest coast of Saipan yielded Latte Period burials, ceramics, stone and shell tools, microfossils from food remains, and charcoal from cooking features dating between A.D. 1450 and 1700.