

BULLETIN
Nara National Research Institute
for Cultural Properties
2013

C O N T E N T S

I Research Reports	1
Analysis of Recent Exhibitions of “Preliminary Reports on Excavations” at the Nara Palace Site Museum	3
Research and Restoration of the Western Prasat Top Site	6
International Cooperation for Conservation and Management of the Ruins of Nan Madol, Pohnpei, Federated States of Micronesia	10
A Signboard at Uchiyama Eikyūji Temple	12
Ryūon, Head Priest of Daijōin Temple, as a Painter	16
Changes in the Enryakuji Temple Precinct from the Early Modern to Modern Periods	18
Investigation of the Sawaki Family Architectural Drawings	20
Investigation of the Hasegawa Residence in Matsuzaka, Mie Prefecture	22
Investigation of the Takahashi Elementary School Former Schoolhouse	24
Japanese Design and the Understanding of Tradition Seen in Public Buildings of Modern Hyōgo: Investigation of Modern Japanese Architecture in Hyōgo Prefecture, Part 2	26
Japanese-style Villas and Mansions in Modern Hyōgo: Investigation of Modern Japanese Architecture in Hyōgo Prefecture, Part 3	28
Presentation of Remains and Problems with Excavated Sites of Large Architectural Heritage: From the 4th International Scientific Conference on the Preservation of Architectural Heritage in Japan, China, and Korea	30
Archaeological Sites and Cultural Heritage as Public Entities	32
Ancient Garden Remains at the Sigiriya Palace Site, Sri Lanka	34
Zen Buddhist Temples and Gardens	36
The History of Japanese Gardens and the Work of Mori Osamu: Through the Reconstruction and Restoration of the Mōtsūji Temple Garden	38
The Utilization of Cultural Landscapes: A Review of the 5th Meeting of Cultural Landscapes Studies	40
Public Involvement and Decision Making in Cultural Landscape Preservation Plans: Approaches and Issues at Kyoto Okazaki and Sado Aikawa	42
Consideration of a Gravel-paved Plaza and Drainage Channels: Research for Reconstructing the First Imperial Audience Hall Compound, Part 8	44
Consideration of the Southern Corridor Podium Height: Research for Reconstructing the First Imperial Audience Hall Compound, Part 9	46
Consideration of the Structural Style and Roof Form of the South Gate: Research for Reconstructing the First Imperial Audience Hall Compound, Part 10	48

Inferring the Rafter Interval Based on Tile Width: Research for Reconstructing the First Imperial Audience Hall Compound, Part 11	50
Supplementary Excavation, Southwestern Precinct of the Luoyang Imperial Palace Site of the Northern Wei Dynasty, China	52
Method for Inferring the Nature of Arrowheads Recovered from Yayoi Burial Graves	54
Three-Dimensional Laser Scanning Measurement of Exterior Stone Material of Podiums Excavated from the Asuka and Fujiwara Region	56
<i>Hanchiku</i> (Rammed Earth) and Stone	58
A Study of Engraved Roof Tiles Recovered from the Fujiwara Palace Site	60
On the Lamp Oil of the Seventh and Eighth Centuries	62
A Reexamination of Nonferrous Metal (Lead, etc.) Furnaces Excavated in the Southeastern Corner of Nara Palace in 1966	64
Scale (Lamellar) Armor Excavated from Wakainukai Gate of the Heijo Place Site	66
Change in the System of Sue Ware Supply: Study of the Demise and Dismantling of Suemura Kilns	68
Archaeometric Investigation of Glass Beads Excavated at the Matsugasako Yadani Site	70
Examination of the Effect of a Shelter Facility on Condensation inside the Stone Chamber of the Garandoya Tomb	72
Analysis of the Red-pigment Medium on the Lacquer Layer Excavated from the Kitora Tumulus ..	74
Prescreening for Isotope Analysis: Efficacy of Prescreening in Cases of Destructive Analysis	76
Analysis of Excavated Organic Materials	78
Research on Dismantled Members of Hōryūji Temple, Part 3: Analysis of Paint on Wooden Members of the Main Hall	80

II Excavations at the Asuka and Fujiwara Palaces and Other Sites	83
1 Excavations at the Fujiwara Palace Site	85
Excavation at the Inner Court of the State Halls Compound Sector (No. 174)	86
Excavation in the Eastern Government Office Sector (No. 175)	97
2 Excavations in the Fujiwara Capital site	105
Excavation in West First Ward on Seventh Street and Suzaku Boulevard (No. 168-9)	106
Excavation in East Third Ward on Second and Third Streets (No. 173-1)	108
3 Excavations in and around the Asuka Area	111
Excavation of the Amakashi no oka Tōroku site (Nos. 171, 177)	112
Excavation in the Environs of Hinokuma Temple (No. 176)	128
Roof Tiles from the Eastern Sixth Hall of State, Fujiwara Palace (No. 136)	132

Scientific Analysis of the Inner Court of the State Halls Compound Sector, Fujiwara Palace (No. 169)	134
Research on Copper Effigies from the Ishigami Site and Related Materials	140

III Excavations at the Nara Palace and Other Sites

1 Excavations at the Nara Palace Site	145
Excavation in the East Palace Sector (No. 503)	146
2 Excavations in the Nara Capital Site and at Nara Temples	147
Excavation at the Former Precinct of Yakushiji Temple (No. 489)	148
Excavation in Block 10, East First Ward on Third Street (No. 490)	152
Excavations in Blocks 1 and 2, East First Ward on Third Street (Nos. 488, 491, and 495) ..	153
Excavation of Hokke Hall, Tōdaiji Temple (No. 492)	168
Excavation at the Yasugaoka Hachimangū Shrine in Yakushiji Temple (No. 496)	179
Excavation in Blocks 1 and 2, East First Ward on Third Street (No. 497)	180
Excavation at the Former Precinct of Saidaiji Temple (No. 498)	182
Excavation of the Dining Hall of Yakushiji Temple (No. 500)	185
Excavation in Block 15, East Second Ward on Second Street (No. 501)	197
Excavation at the Former Precinct of Hokkeji Temple (No. 504).....	205
Scientific Analysis of Toilet Remains (SK19198) of an Ancient Structure in the Nara Palace	
East Government Office Sector (No. 440)	209
Architectural Members Reutilized as Well Materials Recovered from Blocks 1 and 2, East First Ward on Third Street (No. 486)	216