

## 目次

I 調査研究報告	3
II 事業の概要	39
1 調査と研究	
2 研修・指導と教育	
3 遺跡整備・復原事業と展示	
奈良国立文化財研究所要綱	65

### 凡例

- 1 年報は、1999年度に奈良国立文化財研究所が行った調査・研究・事業の報告である。
- 2 年報は全体で3分冊より構成されており、年報Ⅱには飛鳥藤原宮跡発掘調査部が行った発掘調査の報告を、年報Ⅲには平城宮跡発掘調査部が行った発掘調査の報告を掲載している。そして年報Ⅰには、両調査部の発掘調査報告をのぞく各種の調査・研究・事業を収録した。
- 3 執筆者は各項に明記したが、執筆者のないものについては、担当部局の協力を得て、執筆者がまとめた。
- 4 年報は、いずれも当研究所の刊行物について、以下のような略号を用いた。  
『奈良国立文化財研究所年報1999-I』→『年報1999-I』  
『飛鳥・藤原宮発掘調査報告Ⅲ』→『藤原報告Ⅲ』  
『平城宮発掘調査報告Ⅶ』→『平城報告Ⅶ』  
『飛鳥・藤原宮発掘調査概報25』→『藤原概報25』  
『1995年度平城宮跡発掘調査部発掘調査概報』→『1995平城概報』  
『飛鳥・藤原宮発掘調査出土木簡概報10』→『藤原木簡概報10』  
『平城宮発掘調査出土木簡概報27』→『平城木簡概報27』
- 5 年報の装幀は柴永文夫氏により、財団法人千里文化財団出版部・柴永事務所が協力した。
- 6 英文目次の翻訳はWalter Edwards氏(天理大学)による。
- 7 年報Ⅰの編集は館野和己・村上 隆、年報Ⅱは松村恵司、年報Ⅲは内田和伸が担当した。

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C O N T E N T S

## I Research Reports

- Report for Fiscal 1999 on Comprehensive Research in Archaeological Science (COE Center of Excellence Development Project)
- Excavation of architectural feature No. 3, Gui-gong Palace, Han Dynasty capital of Chang-an, China
- Report on the excavation of kiln No. 6 at the Tani Kiln Site, in the Angkor site complex
- Roof tiles straddling Yamato and Kawachi: a new example of a same-mold pattern found at three temple sites of the Asuka period
- Observations on the material of gold objects recovered from the base stone of the central pillar of the pagoda at Asukadera temple
- An experiment in scenic enhancement of the Fujiwara Palace Site using aquatic plants
- A topographic reconstruction of the Former Imperial Audience Hall, Nara Palace Site
- Born in the east or the west? Analysis of the clay body of Sue ware from Bizen, recovered from the Nara Capital Site
- *Ema* (votive tablets with horse images) from the outer palace perimeter north of the Imperial Domicile, Nara Palace Site
- Hip rafter cover tile from Yakushiji Temple
- Lacquer permeated inscription-bearing paper, recovered from Block 16, East First Ward on Third Street of the Nara Capital Site
- Documents related to Buddhist services, in the possession of Yakushiji Temple
- The balance between *shibi* (decorative ridge-end tiles), and the main and descending transverse ridges in ancient architecture
- Kasuga carpenters and medieval Kofukuji Temple: Observations based on the newly unearthed Central Image Hall of Kofukuji
- On the horizontal plans (pillar placements) and roof styles of Nara Period Buddhist architecture: hipped roofs and hipped-and-gabled roofs
- Burnt pit dwelling at the Mukibanda Site
- Conservation science research on glass recovered from the Hirabaru Site: a preliminary investigation in conjunction with conservation repair work
- Non-destructive investigation of the internal structure of unearthed wooden material
- Earthquake resistance of architectural cultural properties
- On unfired *magatama* (comma-shaped beads) from the Kofun period

## II Brief Reports of Official Activities

### 1 Research Activities

Excavations at the Asuka and Fujiwara Capital Sites

Excavations at the Nara Capital Site

Research activities of the Department of Architectural History

Research activities of the Department of History

Research activities of the Centre for Archaeological Operations

Opening of the *Mokkan* Database

International academic exchange activities

1. Signing of an Agreement for Collaborative Research as a Sister Institution with the National Research Institute of Cultural Properties of Korea
2. Current state of international academic exchanges
3. Collaborative research conducted with the Institute of Archaeology, Chinese Academy of Social Sciences
4. Collaborative research conducted with the Liaoning Provincial Archaeology Research Institute, China
5. Collaborative research conducted with the Archaeology Department of the Ministry of Culture, Myanmar
6. Cooperative Research Related to the Preservation of Angkor Cultural Heritage

Activities of researchers posted overseas

Overseas visits paid and received

Public lectures

Academic meetings

Results of research supported by Grants-in Aid for Scientific Research from the Ministry of Education

Activities of academic and research organizations

Miscellaneous research news

### 2 Seminars, professional training, and other educational programs

Professional training for local cultural resource management personnel provided by the Centre for Archaeological Operations

Special features of this year's training programs

Kyoto University Graduate School

Nara Women's University Graduate School

### 3 Conservation and preparation of sites, restorative works, and public exhibitions

Conservation and preparation of the Nara and Fujiwara Palaces and other sites

1. Plans for information facilities at Suzaku Gate
2. Work on the reconstruction of the "Corner Tower" of East Palace Garden
3. Working plan for the Former Imperial Audience Hall
4. Preliminary investigation for the restoration of the Former Imperial Audience Hall precinct
5. Fujiwara Palace Site presentation
6. Yamadadera Temple Site presentation
7. Opening of the new cultural properties research building

Special Exhibition at the Asuka Historical Museum

Column: Start of the Nara Palace Site Volunteer Guide Program

**Outline of Nara National Cultural Properties Research Institute**