APPENDICES

Schedules

I 9, 8 Casa e bottega
I 9, 10 Casa e bottega
I 16, 5 Casa di Petronia
V 1, 7 Casa del Torello
V 1, 24 Taberna
V 3, 8

VI 2, 4 Casa di Sallustius
VI 2, 14 Casa delle Amazzoni
VI 5, 5 Casa del Granduca Michele
VI 9, 3-5 Casa del Centauro
VII 15, Casa del Marinaio

VIII Temple of Venus

IX 3, 5.24 Casa di Marcus Lucretius
IX 3, 19-20 Casa e panificio di Papirius Sabinus

V 1, 13 Caupona
V 1, 14-16 Bakery and shop
V 1 18 Casa degli Epigrammi Greci
V 1, 20-21 Taberna
V 1, 23 Casa di Caecilius Iucundus
V 1, 26 Casa di Caecilius Iucundus

Tables
I 9, 8 Casa e bottega

Sample no 1
Room 8, west wall.
Location H. 0.24, 0.24 from SW corner
Decoration Red and yellow socle.
Layer Layer with decoration and hack-marks in a walled-up doorway. Covered by 8:2.

Plaster Black and white, large grains
Binder White lime, grey at the top. Enough.
Filler Mainly rounded, medium sized and large grains 0.8-1.5 mm. 2-2.5 mm.
Compact: Mainly black and pale grey, some beige and brown. Some black with red dots.
Porous: Red dust.
Crystalline: Black. A few transparent grey and uncoloured.

Stucco 2 mm
Lime Slightly beige.
Filler Small uncoloured crystals.

Plaster type 8:1
Group B

Comments
Very frail plaster. Some very large pale grey grains more than 3 mm. Some small between large. Many large irregular black and grey. Lack of small particles. Similar to BI1, PS2, A4, EG 1A12.

Analyses -
I 9, 8 Casa e bottega

Sample no  2
Room  8, west wall.
Location  H. 0.39, 0.14 from SW corner.
Decoration  Red socle.
Layer  Top layer, covering 8:1.

Plaster  Sandy grey plaster
Binder  Sandy lime with large lime lumps.
Filler  Very small particles 0.2-0.5 mm and some large 4-5 mm, crushed materials.
        Compact: Black and grey, many beige, some pale yellow and ochre.
        Porous: Many red.
        Crystalline: Black, transparent uncoloured, green, and yellow.

Stucco  -
Lime  -
Filler  -

Plaster type  8:2
Group  H

Comments
Hard plaster. Crushed materials, reused plaster. Belongs to the same group as PS 10.

Analyses  -
I 9, 8 Casa e bottega

<table>
<thead>
<tr>
<th>Sample no</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Room</td>
<td>8, north wall.</td>
</tr>
<tr>
<td>Location</td>
<td>H. 1.62, 0.88 from NW corner.</td>
</tr>
<tr>
<td>Decoration</td>
<td>-</td>
</tr>
<tr>
<td>Layer</td>
<td>Plaster seam with stucco.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Plaster</th>
<th>Black and white, lots of crystals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Binder</td>
<td>Clean creamy white lime. Enough.</td>
</tr>
<tr>
<td>Filler</td>
<td>Angular and rounded, small grains 0.2-0.4 mm and 0.8-1 mm.</td>
</tr>
<tr>
<td></td>
<td>Compact: Black, pale and warm grey, brown. A few ochre. Black with red dots.</td>
</tr>
<tr>
<td></td>
<td>Porous: Red.</td>
</tr>
<tr>
<td></td>
<td>Crystalline: Black. Transparent grey, uncoloured, green and yellow.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Stucco</th>
<th>5 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lime</td>
<td>White.</td>
</tr>
<tr>
<td>Filler</td>
<td>Large and small uncoloured crystals.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Plaster type</th>
<th>8:3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>A (Ab)</td>
</tr>
</tbody>
</table>

Comments
Similar to 8:1 but with cleaner lime and not so many large grey.
Same group as PS1, similar to PS2.

Analyses -
I 9, 8 Casa e bottega

**Sample no** 4  
**Room** 8, north wall.  
**Location** H. 0.50, 0.10 from NW corner.  
**Decoration** Green decoration.  
**Layer** Top layer, above socle.

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plaster</td>
<td>Black and white, large grains</td>
</tr>
<tr>
<td>Binder</td>
<td>Dirty lime.</td>
</tr>
</tbody>
</table>
| Filler   | Mainly rounded, medium sized and large grains 0.8-1.5 mm, 2-2.5 mm.  
**Compact:** mainly black and pale grey, some beige and brown. Some black with red dots.  
**Porous:** Red dust.  
**Crystalline:** Black. A few transparent grey and uncoloured. |
| Stucco   | 3 mm |
| Lime     | White, slightly beige. |
| Filler   | Large and small uncoloured crystals. |

**Plaster type** 8:1  
**Group** B

**Comments**  
Lack of small grains. Few crystals. Same group as 8:1.

**Analyses** -
I 9, 8 Casa e bottega

Sample no 5

Room 10

Location East wall, h. 1.00, 0.06 from ne corner

Decoration -

Layer Layer trapped behind the later cross-wall (north wall)

Plaster Black and white, lots of crystals

Binder Clean creamy white lime. Enough.

Filler Angular and rounded small grains 0.2-0.4 mm and 0.8-1 mm. A few large 1.5-3 mm. Compact: Black, pale and warm grey, brown. Black with red dots. Porous: Red. Crystalline: Many black. Transparent grey, uncoloured, green and yellow.

Stucco -

Lime -

Filler -

Plaster type 8:3

Group A (Ab)

Comments

Lots of crystals. Same group as PS1.

Analyses -
I 9, 8 Casa e bottega

| Sample no | 6 |
| Room      | 10 |
| Location  | East wall, h. 1.15, 0.06 from NE corner. |
| Decoration| Plaster seam into room 8. |

**Plaster**
- Black and white, large grains

**Binder**
- Clean white slightly grey lime. Much.

**Filler**
- Mainly rounded, medium sized and large grains 0.8-1.5 mm, 2-2.5 mm.
  - *Compact*: Mainly black and pale grey, some beige and brown. Some black with red dots.
  - *Porous*: Red dust.
  - *Crystalline*: Black. A few transparent uncoloured.

**Stucco**

**Lime**

**Filler**

| Plaster type | 8:1 |
| Group        | B |

**Comments**
- Mainly black particles. Lack of small grains.

**Analyses** -
I 9, 8 Casa e bottega

Sample no 7
Room 10
Location East wall, h.1.15, 0.06 from NE corner.
Decoration Red stucco.
Layer Top layer, last phase.

Plaster Sandy grey plaster
Binder Unclean sandy lime with lime lumps.
Filler Mainly small grains. Crushed materials. 
Compact: black, grey beige, pale yellow.
Porous: Many red.
Crystalline: Black, transparent uncoloured and yellow.

Stucco -
Lime
Filler

Plaster type 8:2
Group H

Comments
Very similar to 8:2.

Analyses -
I 9, 8 Casa e bottega

Sample no  8
Room  10
Location  West wall, h. 1.44, 0.44 from SW corner
Decoration  -
Layer  First layer on the wall, red preparation.

Plaster  cocciopesto
Binder
Filler  Compact:
Porous:
Crystalline:

Stucco
Lime
Filler

Plaster type  8:8
Group  X

Comments
Waterproof layer. Red plaster, smooth structure.

Analyses -
I 9, 8 Casa e bottega

<table>
<thead>
<tr>
<th>Sample no</th>
<th>9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Room</td>
<td>10</td>
</tr>
<tr>
<td>Location</td>
<td>West wall, h.1.20, 0.37 from SW corner.</td>
</tr>
<tr>
<td>Decoration</td>
<td>-</td>
</tr>
<tr>
<td>Layer</td>
<td>First layer, preparation.</td>
</tr>
</tbody>
</table>

Plaster: cocciopesto
Binder:
Filler: Compact:
Porous:
Crystalline:

Stucco
Lime
Filler

Plaster type: 8:8
Group: X

Comments
Red plaster, rough structure.

Analyses -
I 9, 8 Casa e bottega

Sample no  10  
Room  10  
Location  West wall, h. 1.25, 0.36 from SW corner.   
Decoration  -  
Layer  Top layer, covering 8:8 and 8:9.

Plaster  Sandy grey plaster  
Binder  Unclean sandy lime with lime lumps.  
Filler  Mainly small grains. Crushed materials.  
\textit{Compact}: Black, pale grey, beige, brown, pale yellow and ochre. A few white.  
\textit{Porous}: Red.  
\textit{Crystalline}: Black, transparent grey and uncoloured.  
Stucco  Red stucco.  
Lime  -  
Filler  -

Plaster type  8:2  
Group  H  

Comments  
Same group as PS10.

Analyses  -
I 9, 8 Casa e bottega

Sample no 11
Room 9
Location West wall, h.0.20, 0.58 from NW corner.
Decoration Black decoration.
Layer First layer covered by 8:12.

<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plaster</td>
<td>Many colours, large grains</td>
</tr>
<tr>
<td>Binder</td>
<td>White lime.</td>
</tr>
</tbody>
</table>
| Filler    | Mainly rounded, medium sized and large grains 0.5-1.5mm.  
**Compact:** Black, pale grey, beige, brown and ochre. A few white. Dots. Beans.  
**Porous:** Red.  
**Crystalline:** Black, transparent grey, uncoloured, green, yellow and orange. |
| Stucco    | 3 mm |
| Lime      | White. |
| Filler    | Large and small crystals. |

Plaster type 8:11
Group E

Comments
Lots of yellow.

Analyses -
I 9, 8 Casa e bottega

Sample no  12
Room  9
Location  West wall, h.0.21, 1.25 from NW corner.
Decoration  Black decoration, socle.
Layer  Last phase.

Plaster  Sandy grey plaster
Binder  Unclean lime with lime lumps.
Filler  Mainly small grains. Crushed materials.
Compact: Black, grey, brown, pale yellow, and ochre.
Porous: Red.
Crystalline: Black, transparent uncoloured and grey.

Stucco  -
Lime  -
Filler  -

Plaster type  8:2
Group  H

Comments
This part of the black decoration was painted on a thin lime layer.
Same as 8:10.

Analyses  -
I 9, 8 Casa e bottega

<table>
<thead>
<tr>
<th>Sample no</th>
<th>13</th>
</tr>
</thead>
<tbody>
<tr>
<td>Room</td>
<td>10</td>
</tr>
<tr>
<td>Location</td>
<td>East wall, h. 1.20, 0.11 from NE corner.</td>
</tr>
<tr>
<td>Decoration</td>
<td>-</td>
</tr>
<tr>
<td>Layer</td>
<td>Plaster on the Sarno stone.</td>
</tr>
</tbody>
</table>

**Plaster**
- black and white, large grains

**Binder**
- Clean white, slightly beige lime. Much.

**Filler**
- Mainly rounded medium sized and large grains 1-2 mm.
  - Porous: Red.
  - Crystalline: Black, transparent grey, and uncoloured.

**Stucco**
- 

**Lime**

**Filler**

**Plaster type**
- 8:1

**Group**
- B

**Comments**
- Same as 8:1. Many large black and grey grains.

**Analyses**
-
I 9, 8 Casa e bottega

Sample no 14
Room 8
Location North wall, h. 1.47, 0.50 from NW corner.
Decoration -
Layer First layer on the stone, covered by 8:15.

Plaster Black and white, lots of crystals
Binder Clean white lime. Enough.
Filler Angular and rounded, small grains 0.2-0.4 and 0.8-1 mm. A few large 1.5-3 mm.
Compact: Black, pale and warm grey, brown. Dots.
Porous: Red.
Crystalline: Black. Transparent grey, uncoloured, and green.

Stucco -
Lime
Filler
Plaster type 8:3
Group A

Comments
Mainly black particles. Same as 8:2, 8:5. Same group as PS1, similar to PS2.

Analyses -
I 9, 8 Casa e bottega

<table>
<thead>
<tr>
<th>Sample no</th>
<th>15</th>
</tr>
</thead>
<tbody>
<tr>
<td>Room</td>
<td>8</td>
</tr>
<tr>
<td>Location</td>
<td>North wall, h.1.45, 1.52 from NW corner.</td>
</tr>
<tr>
<td>Decoration</td>
<td>-</td>
</tr>
<tr>
<td>Layer</td>
<td>Second layer covering 8:14.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Plaster</th>
<th>Black and white, large grains</th>
</tr>
</thead>
<tbody>
<tr>
<td>Binder</td>
<td>Slightly beige lime. Enough.</td>
</tr>
<tr>
<td>Filler</td>
<td>Mainly rounded medium sized and large grains 1-1.5 mm.</td>
</tr>
<tr>
<td></td>
<td><em>Compact</em>: Black, pale grey, beige, brown.</td>
</tr>
<tr>
<td></td>
<td><em>Dots</em>:</td>
</tr>
<tr>
<td></td>
<td><em>Porous</em>: Red.</td>
</tr>
<tr>
<td></td>
<td><em>Crystalline</em>: Black, transparent grey and uncoloured.</td>
</tr>
</tbody>
</table>

| Stucco    | -  |
| Lime      |     |
| Filler    |     |

| Plaster type | 8:1 |
| Group        | B   |

Comments
Many large grey.

Analyses -
I 9, 8 Casa e bottega

Sample no 16
Room 8
Location West wall, h. 1.64, 0.65 from SW corner.
Decoration -
Layer Plaster in the walled-up window.

- Plaster Sandy grey plaster
  Binder White, slightly grey lime.
  Filler Compact: Black, pale grey, a few brown, ochre and pale yellow. Dots.
  Porous: Red.
  Crystalline: Black, transparent grey, uncoloured, yellow and orange.

- Stucco
  Lime
  Filler

- Plaster type 8:2
  Group H

Comments
Dirty sample. Some very small crushed particles. This plaster is similar to sample 2 and sample 9. It most probably is the later plaster, group H.

Analyses -
I 9, 10 Casa e bottega

Sample no 1
Room 4
Location West wall, h. 1.45, 0.29 from NW corner.
Decoration White stucco.
Layer Top layer with hack-marks.

Plaster Black and white, large grains
Binder Clean white, slightly beige lime. Enough.
Filler Mainly rounded medium sized grains 1-1.5 mm. A few clusters of small grains 0.2-0.5 mm.
Compact: Black and pale grey. Some beige and brown. Black with red dots.
Porous: Red.
Crystalline: Black, transparent grey, uncoloured and yellow.

Stucco 4 mm
Lime White lime.
Filler Large and small calcite crystals.

Plaster type 10:1
Group B

Comments
Same group as PS2, BI1, EG 1A12.

Analyses -
I 9, 10 Casa e bottega

Sample no 2
Room 1
Location South wall, h. 1.50 at the SW corner.
Decoration -
Layer Plaster seam.

Plaster Many colours, large grains
Binder White lime
Filler Mainly rounded, irregular medium size grains 0.4-0.8 mm, 1-1.5 mm.
Compact: Mainly black, some pale grey, beige, brown and ochre. A few white. Black with red dots.
Porous: Red.
Crystalline: Black, transparent grey, uncoloured, green, yellow and orange

Stucco -
Lime -
Filler -

Plaster type 10:2
Group E

Comments
Same group as PS4.

Analyses -
### I 9, 10 Casa e bottega

**Sample no** 3  
**Room** 11  
**Location** North wall, h. 0.50, 1.04 from the NW corner.  
**Decoration** -  
**Layer** Plaster seam.  

**Plaster** Black and white, large grains  
**Binder** Clean white lime slightly grey-beige. Enough.  
**Filler** Mainly rounded large grains 1-1.5 mm, some small 0.2-0.5 m.  
*Compact*: Black, pale grey, some beige, and brown. Black with red dots.  
*Porous*: Red.  
*Crystalline*: Black, transparent grey, and yellow.  

**Stucco** -  
**Lime** -  
**Filler** -  

**Plaster type** 10:1  
**Group** B  

**Comments**  
Same as 10:1.  

**Analyses** -
I 9, 10 Casa e bottega

Sample no 4

<table>
<thead>
<tr>
<th>Room</th>
<th>11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location</td>
<td>North wall, h.0.04 at the NE corner.</td>
</tr>
<tr>
<td>Decoration</td>
<td>-</td>
</tr>
<tr>
<td>Layer</td>
<td>Layer applied over the corner at a higher level of the wall.</td>
</tr>
</tbody>
</table>

Plaster | Many colours, large grains |
| Binder | Beige lime. |
| Filler | Mainly rounded large grains 0.4-0.8 mm and 1-1.5 mm. 
*Compact*: Black, pale grey, beige and brown. Some pale yellow and ochre. A few white. Black with red dots. 
*Porous*: Red. 
*Crystalline*: Black, transparent grey, uncoloured and yellow. |

Stucco | 3 mm |
| Lime | White lime. |
| Filler | Large and small calcite crystals. |

Plaster type | 10:2 |
| Group | E |

Comments
Same as 10:2.

Analyses | - |
### I 9, 10 Casa e bottega

<table>
<thead>
<tr>
<th>Sample no</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Room</strong></td>
<td>1</td>
</tr>
<tr>
<td><strong>Location</strong></td>
<td>North wall, h. 1.35, 0.20 from SW corner.</td>
</tr>
<tr>
<td><strong>Decoration</strong></td>
<td>Thin white layer.</td>
</tr>
<tr>
<td><strong>Layer</strong></td>
<td>Top layer.</td>
</tr>
</tbody>
</table>

| **Plaster** | Many colours, large grains |
| **Binder** | White lime with large lime lumps. |
| **Filler** | Mainly rounded, large grains. |
|             | *Compact*: Black, pale grey, brown, beige, ochre. Beans. |
|             | *Porous*: Red. |
|             | *Crystalline*: Black, transparent grey, uncoloured, green, yellow and orange. |

| **Stucco** | - |
| **Lime** | - |
| **Filler** | - |

| **Plaster type** | 10:2 |
| **Group** | E |

### Comments

Same as 10:2. Same group as PS3.

### Analyses

-
Casa I 16, 5

Sample no 1
Room 11.
Location West wall, at the socle level.
Decoration First style plasterwork. Yellow decoration.
Layer First layer on the wall.
Photo sam 1075, 1097.

Plaster Black and white, lots of crystals
Binder White lime.
Filler Rounded and irregular, mainly medium size particles 0.8-1.2 mm, some small 0.2-0.4 mm.
Compact: Mainly black and pale grey. Some brown. Black with red dots.
Porous: Red.
Crystalline: Many black. Transparent grey, uncoloured and green.
Stucco -
Lime
Filler

Plaster type I 16,5:1
Group A (Ab)

Comments
Lots of crystals. Same kind of plaster as used for decorations in Casa V 3, 8. Same group as plaster used for First style decorations in Casa di Successus (PS 1), and for the decoration at the yellow socles in Casa del Granduca Michele (GM1), Casa del Centauro (CC1) and Casa di Amarantus (A1).

Analyses -
Casa I 16, 5

Sample no 2
Room 11.
Location West wall, above the red socle.
Decoration First style plasterwork.
Layer First layer on the wall.
Photo sam 1076.

Plaster Black and white, lots of crystals
Binder White lime.
Filler Rounded and irregular, mainly medium size particles 0.8-1.2 mm, some small 0.2-0.4 mm.
Compact: Mainly black and grey. Some brown. Black with red dots.
Porous: Red.
Crystalline: Many black. Transparent grey, uncoloured and green.

Stucco -

Lime
Filler

Plaster type I 16,5: 1
Group A (Ab)

Comments
Lots of crystals. Mainly black grains in the filler. This layer is presumably connected with the red socle. Same as sample no 1, same group as PS1.

Analyses -
Casa I 16, 5

Sample no 3

<table>
<thead>
<tr>
<th>Room</th>
<th>11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location</td>
<td>South wall, at the middle level.</td>
</tr>
<tr>
<td>Decoration</td>
<td>Close to the green orthostate.</td>
</tr>
<tr>
<td>Layer</td>
<td>First layer on the wall.</td>
</tr>
<tr>
<td>Photo</td>
<td>sam 1077.</td>
</tr>
</tbody>
</table>

Plaster

| Black and white, lots of crystals |

Binder

| White lime. |

Filler

| Rounded and irregular, mainly medium size particles 0.8-1.2 mm, some small 0.2-0.4 mm. |
| Compact: Mainly black and grey. Some brown. Black with red dots. |
| Porous: Red. |
| Crystalline: Many black. Transparent grey, uncoloured and green. |

Stucco

| - |

Lime

| - |

Filler

| I 16, 5: 1 |

Group

| A (Ab) |

Comments

This plaster layer is presumably connected with the green orthostate decoration. Same kind of plaster as 5:1 and 5:2.

Analyses

| - |
**V 1, 7 Casa del Torello**

<table>
<thead>
<tr>
<th>Sample no</th>
<th>T 1</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Room</strong></td>
<td>15</td>
</tr>
<tr>
<td><strong>Location</strong></td>
<td>West wall in the doorway towards room 3.</td>
</tr>
<tr>
<td><strong>Decoration</strong></td>
<td>-</td>
</tr>
<tr>
<td><strong>Layer</strong></td>
<td>First layer on the wall, only decoration layer.</td>
</tr>
</tbody>
</table>

- **Plaster**: Many colours, large grains
- **Binder**: Clean, creamy white lime with some lumps. Much lime.
- **Filler**: Mainly rounded medium sized 1-1.5 mm grains, some large 2.5-3 mm and few small 0.5-0.8 mm.
  - **Compact**: Mainly black and pale grey, some beige and brown. In the large fragment also some ochre and white and a few beige “beans”.
  - **Porous**: Red.
  - **Crystalline**: Black, transparent grey, uncoloured, and yellow. In the large fragment also green and yellow.

- **Stucco**: -
- **Lime**: -
- **Filler**: -

<table>
<thead>
<tr>
<th>Plaster type</th>
<th>T 1</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Group</strong></td>
<td>E</td>
</tr>
</tbody>
</table>

**Comments**
TS: The decoration is probably Third style.
The sample consists of three fragments; one large and two small. The plaster belongs to group E. To the same group belong plasters used for Third style paintings in e.g. Casa del Frutteto, Casa di Cerere and the Edifice of Eumachia. To this group belongs 2C1 in Epigrammi Greci and 11C9 in Caecilius Iucundus, south house. It has been found also in Caupona, Bakery and Taberna 20-21, and in Caecilius Iucundus bottega 24b.

**Analyses**: -
V 1, 7 Casa del Torello

Sample no  T 2
Room  cubiculum 7
Location  East wall, near the south-east corner.
Decoration
Layer  Layer with perforations for stucco frieze.

<table>
<thead>
<tr>
<th>Plaster</th>
<th>Black and small grains, warm colours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Binder</td>
<td>White lime, little.</td>
</tr>
<tr>
<td>Filler</td>
<td>Rounded and angular, very small grains 0.4-0.8 mm and a few larger 1.5-2 mm.</td>
</tr>
<tr>
<td></td>
<td>Compact: Mainly black and brown grains. Some pale grey and beige.</td>
</tr>
<tr>
<td></td>
<td>Porous: Red.</td>
</tr>
<tr>
<td></td>
<td>Crystalline: Lots of crystals; black, transparent grey, uncoloured, green and yellow.</td>
</tr>
</tbody>
</table>

Stucco -
Lime
Filler

<table>
<thead>
<tr>
<th>Plaster type</th>
<th>T 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>C</td>
</tr>
</tbody>
</table>

Comments
TS: 2\textsuperscript{nd} style?
This plaster belongs to the same group as plasters from Second style decorations in e.g the Temple of Jupiter (cella) and Casa di Cerere.

Analyses -
V 1, 7 Casa del Torello

Sample no  T 3
Room  Corridor 3, at the doorway to room 15.
Location  East side, in the doorway.
Decoration  -
Layer  First layer covered by T4 (with decoration).

Plaster  Many colours, large grains
Binder  White lime, much. Airbags.
Filler  Mainly rounded medium sized grains 1-1.2 mm between large 2-3 mm.
Compact: Mainly black and pale grey.
Some beige, brown and ochre. A few white.
Beige “beans”.
Porous: Red.
Crystalline: Black, transparent uncoloured, and yellow.
Stucco  -
Lime  -
Filler  -

Plaster type  T 1
Group  E

Comments
TS: Period of the doorway?
The decoration (two plaster layers) belongs to group E,
same period as T1, T4, T7, T8, and T 10.
Plasters in group E, Third style paintings in e.g. Casa del Frutteto, Casa di Cerere, Edifice of Eumachia.

Analyses  -
V 1, 7 Casa del Torello

Sample no T 4
Room Corridor 3, at the doorway to room 15.
Location In the doorway
Decoration -
Layer Layer covering T 3.

Plaster Many colours, large grains
Binder Clean white lime with some lumps. Much.
Filler Mainly rounded medium sized grains -1.5
1mm and large 2-3mm.
Compact: Black and pale grey, some beige, brown, ochre and a few white.
Porous: Red.
Crystalline: Black, transparent grey, uncoloured and yellow.

Stucco -
Lime -
Filler -

Plaster type T1
Group E

Comments
Plasters in group F were used for main part of the Third style decoration in Casa del Frutteto, and in some spaces at the Edifice of Eumachia.
In insula V 1, plasters in group E were found e.g. in Casa degli Epigrammi Greci (2C1).

Analyses -
### V 1, 7 Casa del Torello

**Sample no 5**

<table>
<thead>
<tr>
<th>Room</th>
<th>g</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location</td>
<td>Fragment found below floor level</td>
</tr>
<tr>
<td>Decoration</td>
<td>Fragment.</td>
</tr>
</tbody>
</table>

#### Plaster
- **Black and warm colours**

#### Binder
- White lime with some lumps. Little lime.

#### Filler
- Angular and rounded very small grains 0.1-0.2 mm between medium sized 0.5 mm and a few large 1-1.5 mm.  
  *Compact:* mainly black, pale grey, beige and brown grains.  
  *Porous:* Red.  
  *Crystalline:* Many black. Transparent grey, uncoloured, green and yellow.

#### Stucco
- 2 mm

#### Lime
- Pink paint layer

#### Filler
- Red particles.

#### Plaster type
- T 2

#### Group
- C

### Comments
- **TS: Second style?**
  - This plaster belongs to group C, was used for Second style decorations in the cella of the Temple of Jupiter, in Casa del Bell’Impluvio and at the Casa di Cerere. Same as the remains of decoration *in situ* in *cubiculum* 7, room 16 and 18.

### Analyses -
V 1, 7 Casa del Torello

Sample no 6
Room 18
Location South wall.
Decoration -
Layer Plaster layer under red decoration.

<table>
<thead>
<tr>
<th>Plaster</th>
<th>Black and warm colours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Binder</td>
<td>White lime.</td>
</tr>
</tbody>
</table>
| Filler           | Rounded and angular small grains 0.5-0.8 mm. A few large 1.5 mm.  
                  | Compact: mainly black and brown, some pale grey and beige.  
                  | Porous: Red.            |
                  | Crystalline: Black, transparent grey, uncoloured, green and yellow. |
| Stucco           | -                      |
| Lime Filler      |                        |
| Plaster type     | T2                     |
| Group            | C                      |

Comments
TS: Second style decoration?
Same as T2. According to Beyen, this room was decorated in the 2nd style, which corresponds with the result of plaster analyses.

Analyses -
V 1, 7 Casa del Torello

Sample no 7
Room 19, bath.
Location North wall.
Decoration Last decoration phase.
Layer Top layer.

Plaster Many colours, large grains
Binder White lime, much.
Filler Mainly medium sized particles 1-1.5 mm and some large 2 mm. Lack of small.
  Compact: Black, pale grey, beige, brown and ochre. A few white. Some “beans”.
  Porous: Red
  Crystalline: Black, transparent grey, uncoloured, yellow and orange.

Stucco -
Lime
Filler

Plaster type T 1
Group E

Comments
Same as T 1. Beyen mentions the decoration of the bath is in the 3rd style but that the bath was probably built during the 2nd style. The plaster belongs to group E, plasters connected with the 3rd style.

Analyses -
V 1, 7 Casa del Torello

Sample no  T 8
Room  8
Location  South wall.
Decoration  Third style. Remains of red decoration.
Layer  Layer that butts against an earlier phase.

<table>
<thead>
<tr>
<th>Plaster</th>
<th>Many colours, large grains</th>
</tr>
</thead>
<tbody>
<tr>
<td>Binder</td>
<td>Clean white lime with some lumps. Much.</td>
</tr>
</tbody>
</table>
| Filler           | Mainly medium sized particles 1-1.5 mm, some large 2mm. Lack of small. 
                  | Compact: Black, pale grey, some beige, brown and ochre. A few white. Some “beans”.  
                  | Porous: Red.                
                  | Crystalline: Black, transparent grey, uncoloured, yellow and orange. |

Stucco  3 mm
Lime  White lime.
Filler  Large calcite crystals.

<table>
<thead>
<tr>
<th>Plaster type</th>
<th>T 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>E</td>
</tr>
</tbody>
</table>

Comments
TS: Last decoration phase, Third style.

Analyses  -
V 1, 7 Casa del Torello

Sample no  T 9
Room  16
Location East wall, close to the north-east corner.
Decoration Layer with (white?) decoration.

Plaster Black and warm colours
Binder Very much lime.
Filler Rounded and angular small particles 0.1-0.4 mm. A few large 2-3 mm.
    Compact: Mainly black and brown. A few pale grey and beige.
    Porous: Red.
    Crystalline: Many black. Transparent grey, uncoloured, green and yellow.
Stucco  2 mm
Lime Creamy white.
Filler Small calcite crystals and a few grains.

Plaster type  T 2
Group  C

Comments
TS: Same phase as in the bath? No, the plaster in the bath belongs to group E, is connected with the 3rd style. This plaster is of the same kind as in room 7 and 18.

Analyses -
V 1, 7 Casa del Torello

Sample no T 10
Room 15
Location North wall.
Decoration Last decoration period.
Layer Layer with preparation for painting.

Plaster Many colours, large grains
Binder Clean white lime, much.
Filler Mainly medium sized particles 1-1.5 mm. Some large 2-3mm. Lack of small.
Compact: Black, pale grey, some beige, brown, ochre and white.
Porous: Red.
Crystalline: Black, transparent uncoloured, yellow and orange.
Stucco 2 mm with remains of red paint
Lime Clean creamy white lime.
Filler Small and large calcite crystals.

Plaster type T 1
Group E

Comments
TS: Decoration contemporary with?
Last phase in room 15 (doorway to room 3), room 3 (doorway between 3 and 4), and bath 19.
The plaster consists of much lime and little filler.

Analyses -
### V 1 24 taberna

| Sample no | 1 |
| Room      | 24b |
| Location  | South wall, on the brick block. |
| Decoration| Small plastered area on one brick. |

**Plaster**
- Many colours large grains

**Binder**
- Beige lime with small yellow particles.

**Filler**
- Mainly rounded medium sized particles 0.8-1 mm between large 2 mm. Small grains 0.2-0.4 mm.
- *Compact*: Mainly black and pale grey, some brown and beige. A few white and ochre grains. Some beans.
- *Porous*: Red.
- *Crystalline*: Black, transparent uncoloured, grey, and yellow.

**Stucco**
- -

**Lime**
- -

**Filler**
- -

**Plaster type**
- 24:1

**Group**
- E

### Comments
The objective of sampling this area was to identify plaster types that might shed light over the period in which the repair was made. The thin plaster layer provided one piece of plaster and some loose grains. The lump and the grains have not the same kind of grains – the lump has many grey large grains and few crystals, while the loose grains show a variety of particles, colours and sizes. Plasters of this kind was used e.g. for Third style decorations in Casa del Frutteto and the Edifice of Eumachia. To the same group belongs a plaster in Casa del Torello (T 1) and Casa degli Epigrammi Greci (EG 2C1).

### Analyses
- -
Sample no: 2
Room: 24b.
Location: South wall, on the brick repair.
Decoration: -
Layer: Plaster on clay lining, applied over several bricks.

Plaster: Many colours large grains
Binder: Creamy white lime with small yellow particles.
Filler: Mainly rounded medium sized particles 0.8-1 mm between large 1.5-2 mm.
   - Compact: Black, pale grey, beige, brown and ochre. A few white. Some bean-shaped beige grains.
   - Porous: Red.
   - Crystalline: Black, transparent grey, uncoloured and yellow.

Stucco: -
Lime: -
Filler: -

Plaster type: 24:1
Group: E

Comments
Same kind of filler as 24:1 but clean white lime. Same kind of yellow particles in the lime as in 24:1. Plasters of this kind were used for Third style decorations in Casa del Frutteto, in Casa di Successus and in the Edifice of Eumachia. In insula V 1, plasters in group E are e.g. Epigrammi Greci 2C1, Caecilius Iucundus S 11C9, and in Casa del Torello T1. The plasters on the brick repair belong to the Third style.

Analyses: -
V 1 23, Casa di Caecilius Iucundus, taberna 24

Sample no 3
Room 24b.
Location South wall, at the south-west corner.
Decoration -
Layer Layer on the south and west walls, overlapping the corner.

Plaster Many colours, large grains
Binder Beige lime with lumps.
Filler Mainly rounded medium sized particles 0.8-1 mm between large 1.8-2 mm.
Compact: Many black and pale grey. Some beige and brown.
Porous: Red, very small.
Crystalline: Few crystals. Some black, transparent uncoloured and grey.

Stucco -
Lime -
Filler -

Plaster type 24:1
Group E

Comments
This plaster layer has large grains of which many are pale grey and warm grey or beige.
This sample has the same kind of beige lime as sample 1 and 2. Samples 1, 3 and 4 in room 24b are difficult to define due to the “dirty” look. The common characteristic is that it is a meager plaster.
The south and west walls were decorated with plaster connected with the Third style.

Analyses -
V 1 23, Casa di Caecilius Iucundus, *taberna* 24

<table>
<thead>
<tr>
<th>Sample no</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Room</td>
<td>24b</td>
</tr>
<tr>
<td>Location</td>
<td>West wall, in the doorway between rooms a and b, at the north side of the opening.</td>
</tr>
<tr>
<td>Decoration</td>
<td>-</td>
</tr>
<tr>
<td>Layer</td>
<td>Small plastered area on one stone</td>
</tr>
<tr>
<td>Plaster</td>
<td>Many colours, lots of crystals</td>
</tr>
<tr>
<td>Binder</td>
<td>Slightly beige lime, little lime.</td>
</tr>
<tr>
<td>Filler</td>
<td>Mainly rounded small particles 0.2-0.5 mm between medium sized 0.8-1 mm. A few large 1.5-2 mm.</td>
</tr>
<tr>
<td></td>
<td><em>Compact</em>: Black, pale grey, brown. A few white.</td>
</tr>
<tr>
<td></td>
<td><em>Porous</em>: Red.</td>
</tr>
<tr>
<td></td>
<td><em>Crystalline</em>: Lots of crystals: black, transparent uncoloured, grey and yellow.</td>
</tr>
<tr>
<td>Stucco</td>
<td>-</td>
</tr>
<tr>
<td>Lime</td>
<td>-</td>
</tr>
<tr>
<td>Filler</td>
<td>-</td>
</tr>
<tr>
<td>Plaster type</td>
<td>24:4</td>
</tr>
<tr>
<td>Group</td>
<td>F</td>
</tr>
</tbody>
</table>

**Comments**
This plaster has similarities to plasters in group F – small grains and many colours. To the same group belong plasters used for Third style paintings in Casa del Frutteto and Casa del Bell’Impluvio. Same group as EG 1A13 in Casa degli Epigrammi Greci. This small plastered area of plaster in group F indicates a later period in the Third style or in the early period of the Fourth style.

**Analyses**
-
V 1 23, Casa di Caecilius Iucundus, *taberna* 24

| Sample no | 5 |
| Room      | 24b |
| Location  | South wall, on the west side of the brick repair. |
| Decoration| - |
| Layer     | Plastered area starting immediately to the right of the brick repair. |
| Plaster   | Sandy brown plaster |
| Binder    | Clean beige lime, enough. |
| Filler    | Large and small particles.  
            | *Compact*: Black, grey, brown and ochre.  
            | *Porous*: Red.  
            | *Crystalline*: Black. |
| Stucco    | - |
| Lime      | |
| Filler    | |
| Plaster type | 24:5 |
| Group     | G |

**Comments**

Crushed materials. Reused plaster. The plaster belongs to a repair made after the earthquake of AD 62.

**Analyses**

-
V 1 23, Casa di Caecilius Iucundus, *taberna* 24

| Sample no | 6 |
| Room      | 24b |
| Location  | South wall, on the east side of the brick block. |
| Decoration| - |
| Layer     | Plastered area. |

**Plaster**
- Many colours, lots of crystals

**Binder**
- White lime

**Filler**
- Mainly small (0.5-0.8mm), medium (1mm) and large grains (1.5-2mm).
  - *Compact*: Black, pale grey, beige, brown and ochre. Dots.
  - *Porous*: Red.
  - *Crystalline*: Many crystals; black, transparent grey, uncoloured and yellow.

**Stucco**
- -

**Lime**
- -

**Filler**
- -

**Plaster type**
- 24:4

**Group**
- F

**Comments**
Plaster with the same kind of filler as 24:4, but a slightly different kind of lime. 24:4 has little lime, slightly beige, while sample 24:6 has much lime, white and clean. This plastered area has plaster connected to the late Third or early Fourth style.

**Analyses**
- -
Casa V 3, 8

Sample no 1

<table>
<thead>
<tr>
<th>Room</th>
<th>Bath.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location</td>
<td>South wall, central part.</td>
</tr>
<tr>
<td>Decoration</td>
<td>First style plasterwork.</td>
</tr>
<tr>
<td>Layer</td>
<td>First layer on the wall.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Plaster</th>
<th>Black and white, lots of crystals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Binder</td>
<td>Slightly beige with some lumps.</td>
</tr>
<tr>
<td>Filler</td>
<td>Rounded and irregular, small grains 0.2-0.4 mm and 0.8-1.2 mm. A few larger.</td>
</tr>
</tbody>
</table>

*Compact*: Black and pale grey, some brown. Black with red dots.

*Porous*: Red.

*Crystalline*: Many black. Transparent grey, uncoloured and green.

Stucco -

Lime -

Filler -

Plaster type V 3, 8:1

Group A (Ab)

Comments

This plaster belongs to group A and has characteristics of subgroups Aa and Ab. The main characteristic of this plaster is that it has mainly black grains and contains lots of crystals (pyroxenes), many of which are long angular black, presumably augite. The small grain size and the rounded volcanic grains are characteristic for plasters in group Aa. The “salt and pepper” look of the plaster and the angular crystals places the sample in subgroup Ab. Same kind of plaster as used for First style decorations in Casa del Granduca Michele (GM1). Same group as First style plaster in I 16, 5, samples 1-3.

Analyses -
Casa V 3, 8

Sample no 2
Room tablinum
Location West wall.
Decoration First style plasterwork.
Layer First layer, covered by V 3, 8:3.

Plaster Black and white, lots of crystals
Binder Slightly beige with some lumps.
Filler Rounded and irregular, small grains 0.2-0.4 mm and 0.8-1.2 mm. A few larger.
Compact: Black and pale grey, a few brown. Black with red dots.
Porous: Red.
Crystalline: Many black. Transparent grey, uncoloured and green.

Stucco -
Lime
Filler

Plaster type V 3, 8:1
Group A (Ab)

Comments
Same kind of plaster as sample 8:1.

Analyses -
Casa V 3, 8

Sample no 3
Room tablinum
Location West wall.
Decoration First style plasterwork.
Layer Second layer.

Plaster Black and white, lots of crystals
Binder Slightly beige with some lumps.
Filler Rounded and irregular, small grains 0.2-0.4 mm and 0.8-1.2 mm. A few larger.
Compact: Black and pale grey, a few brown. Black with red dots.
Porous: Red.
Crystalline: Many black. Transparent grey, uncoloured and green. Black with red dots.

Stucco -
Lime -
Filler -

Plaster type V 3,8:1
Group A (Ab)

Comments
Same kind of plaster as V 3, 8: 1 and 2.

Analyses -