



Technical Sheet

Object Designation:	Gilded altarpiece		
Wood CR Lab. Process No.:	Not assigned	Date of Open Process:	Not assigned
CEARC Process No.:	99/03/92.	Date of Open Process:	07/03/1992
Coordination/Technical Direction of Intervention: Fernando dos Santos Antunes, Adjunct teacher/ Conservative-Restorer	Entrance Date in Wood Lab.: December 1991		
	Entrance Date in CEARC: 07/03/1992		

Object Photographic Identification			
 <p>Vertical format photograph: Paste the image from the corner of this cell, to down cells.</p>	 <p>Horizontal format photograph: Paste from the corner of this cell, to the right cells.</p>	Registration type: Photographic	
		Format: JPEG	
		Resolution: (dpi)	
		Reference: NIKON D5100	
		Other Types of Documentation	
		References	
		Photographic documentation	Graphic Documentation
		Unknown	Unknown
Registration type:		<p>You can put in this cell a Graphic Scheme of the Object or a Detail of the Object</p>	
Format: 10 x 15 cm			
Resolution: (dpi)			
Reference:			
Other Types of Documentation			
References			
Photographic Documentation	Graphic Documentation		

Super-category:	Cultural Goods	Dimensions: (Length x Depth x Height) (Diameter)
Category:	Mobile Cultural Goods	2.22 m X 0.84 m X 0.51 m
Subcategory:	Retablos / Sculpture / Woodcarving Artifacts	Other Dimensions: ()
Typology:	Religious art	Not applicable
Localization: (Building Locality)	Condeixa, Distrito de Coimbra	Developer:
Proprietary:	Professor João of Cunha Matos	Postal Address:
		Telephonic Contacts:

Postal Code:	Coimbra	Maecenas:	Not applicable
E-mail:	No information	Postal Address:	Not applicable
Telephonic Contacts:	No information	Telephonic Contacts:	Not applicable

Cultural Good Integrated Into a Set:

No ☐

Yes ☒

Set Type | Set Goods:

Altarpieces

Constituent Elements of The Cultural Good:

Table, columns, side panels, niche, arch and pointed ends.

Materials | Elements Accessories:

Colored glass beads

Marks | Inscriptions | Authorship Signatures:

Has not been identified

Marks | Inscriptions for Assembly of Elements:

Has not been identified

Marks | Inscriptions of Construction:

Traces of saw, compass

Heritage Classification | World / International || National / Regional / Local |

There is no heritage classification

Style | Stylish current

Late-mannerist / Proto Baroque

Time

Coeval ☒ Lather ☐ Another Time ☐ Replica ☐ Reproduction ☐ Falsification ☐

Quality

Excellent ☐ Very Good ☐ Good ☒ Regular ☐ weak ☐

Materials

Structure:
Oak wood

Surface:
Rabbit glue, Armenian bole, gold leaf, glass

Technical

Structure:
Carving, assembling, glued, simple bonds, nails

Surface:
Gilding with water, polished.

Brief Description:

Entablature with gilded vegetal and geometric decoration, with appliques of colored glass.

Analogies:

Unknown.

Conclusions:

No conclusions.

Authorship workshop:	Dated:	Origin Place Production:
Unknown	Sec. XVII / Sec. XVIII	?

ENVIRONMENTAL CONDITIONS OF THE LOCATION OF INSERTION OF CULTURAL GOOD

Description:

This altarpiece was found in a box of pine wood where the environmental conditions were not control.

Annual Cycles of Climacteric Seasons	Cold / Wet:	Hot / Dry:
Temperature (Average values in °C)	Unknown	Unknown
Relative Humidity (Average values in %)	Unknown	Unknown
period of the year (Start/End - in months)	_____ / _____	_____ / _____

Radiation | Lighting

Natural	Type:	
	Illuminance Values (lux):	Unknown
	U.V. Measured Values (µw/cm²):	Unknown
	U.V. Real Values (µw/cm²):	Unknown
	$UV = \frac{0,3(UV \text{ Measured}) \times 10000}{50 (Lux)} = 60\mu W / \text{Lúmen}$	
Artificial	Source:	
	Illuminance Values (lux):	Unknown
	U.V. Measured Values (µw/cm²):	Unknown
	U.V. Real Values (µw/cm²):	Unknown
	$UV = \frac{0,3(UV \text{ Measured}) \times 10000}{50 (Lux)} = 60\mu W / \text{Lúmen}$	

Pollution

Pollution Agents:

- acumulation of dust, grase and soot

Sources| Origin:

- due to regional environmental conditions/paraffin wax candles and incense

Results:

- at the structure level: cracks and fissures; changes in the adhesives - dehydration of the glue; alteration of wood, with cubic rot by fungal action and galleries of xylophagous insects; loss of material; oxidation of metallic elements and corrosion stains
- at surface level: Deterioration of the gold coating and the preparatory layers;

Comments | Conclusions

Although the values of the temperature and relative humidity are unknown, it can be inferred that during the 60-year period in which it was in boxes, it was in highly humid environment.

EXAMS AND ANALYSES

General Objective (s)

Identification of materials, techniques and production technologies	<input type="checkbox"/>
Identification of interventions performed on the object	<input type="checkbox"/>
Characterization of the conservation condition	<input type="checkbox"/>
Identification of pathologies and biodeterioration agents	<input type="checkbox"/>
Date of the object and any interventions that have been targeted	<input type="checkbox"/>
Test of products and materials to be used in the intervention	<input type="checkbox"/>

Type - Reference	Localization Area [<input type="checkbox"/> Point[•]	Specifics Objectives	Results	Organization Responsible Technical	Date
					__/__/__
					__/__/__
					__/__/__
					__/__/__
					__/__/__
					__/__/__
					__/__/__
					__/__/__
					__/__/__
					__/__/__
					__/__/__
					__/__/__
					__/__/__
					__/__/__
					__/__/__

Results Interpretation

Comments| Conclusions

CONSERVATION CONDITION

| Survey / Characterization |

Physics, Chemistry and Mechanics Deterioration of Materials:

| **Alterability:** due to natural aging |

| **Alteration:** due to physical, chemical, biological and anthropic factors |

Structure

Cracks, gaps.

Surface

Detachment of gesso and gold leaf, gaps, cracks.

Elements Accessories:

Detachment of colored glass beads.

Biological Deterioration of Materials:

| identification of Pathologies and Biodeterioration Agents - Diagnostic |

Structure:

Galleries of xylophage's insects.

Surface:

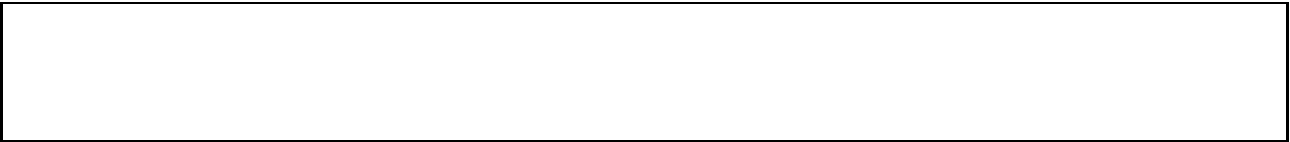
Doesn't have biological deterioration.

Elements Accessories:

Don't have biological deterioration

Comments | Conclusions

We didn't make any analyses to see which type of insect causes these galleries.



PREVIOUS INTERVENTIONS

| Interventions throughout the history of the object, prior to intervention in Woods-CR-Lab |

Structure:

Unknown

Surface:

Unknown

Elements Accessories:

Unknown

Comments | Conclusions

Unknown

WILL EXPRESS OF THE PROPRIETARY OR THE DEVELOPER OF WORK**Intervention Type:**

Preservation

☐

Conservation

☒

Restoration

☒**specific Aspects:**

INTERVENTION TYPE PROPOSED BY THE CONSERVATOR-RESTORER

Preservation ☐

Conservation ☐

Restoration ☐

INTERVENTION METHODOLOGY PROPOSED

Resources

Materials | Technics | Technological

Structure:

Assembly of separated parts with PVA and nails.
Making of back support boards

PVA and wood

Surface:

Cleaning of glue excess and fixing of surface layers.
Filling of surface gaps.
Chromatic reintegration.

Scalps
PVA
Acrylic colours

Elements Accessories:

Cleaning and reconstitution of missing glass beads.

Cleaning with wet fabric. Bonding with Paraloid B72

Comments | Conclusions

Due to the time limit, not all of the proposals were fulfilled

Date of The Proposal Information: __ / __ / 20__.

Date of the Proposal Acceptance: __ / __ / 20__.

Process Interlocutors:

(IPT)

(Client)

INTERVENTION PERFORMED	Recourses Materials Techniques Technological
Structure: Removal of the nails Reconstructed of missing elements Assembled the altarpieces Repaired the cracks	Remove with a drill. Reconstruction with wood. For assembling and cracks it was used PVA
Surface: Cleaning and removal of glue excess and repair of the surface cracks	Glue removal with scalpel and repair with PVA.
Elements Accessories: Not intervened	Not applicable

Observations | Conclusions

The intervention on the altarpiece wasn't fully completed due to the limited amount of hours.

DOCUMENTATION PRODUCED | COLLECTED

Technical Report of Intervention LCRM LCRM

Doesn't exist

Photographic Originals

Type Designation	References	Organization Author
Photographic recording of the intervention	DVD	Dora Mihaljevic Klara Vancikova Maja Bacic Oana Adriana Zalischi

Graphic Documentation (Drawings | Mappings | Charts | Tables | Boards)

Type Designation	References	Organization Author
Doesn't exist		

Exams and Analyses

Type Designation	References	Organization Author
Doesn't exist		

SOURCES

Archival | Documentary

Author/Title/Local/Editor/Date/Page(s)	Type	Localization	Reference
Not applicable.			

Iconographical

Author/Title/Local/Editor/Date/Page(s)	Type	Localization	Reference
Not applicable.			

Bibliographical

Author/Title/Local/Editor/Date/Page(s)	Type	Localization	Reference
Not applicable.			

Electronics

Author/Title/Local/Editor/Date/Page(s)/Internet Site	Font Type	Consultation Date
Not applicable.		

Other Sources

Author/Title/Local/Editor/Date/Page(s)	Type	Location	reference
Not applicable.			

CONSTITUTION OF THE TEAM	Functions Performed	Qualifications (School Academic)
Technician Name		Professional Level (1-8)
Fernando dos Santos Antunes	Coordinator / CR Technical Director	Master Level 7
Dora Mihaljevic	CR Technical (training)	Bachelor
Klara Vancikova	CR Technical (training)	Bachelor
Maja Bacic	CR Technical (training)	Bachelor
Oana Adriana Zalisch	CR Technical (training)	Bachelor
