

1. World Heritage Property Data**1.1 - Name of World Heritage Property**

Botanical Garden (Orto Botanico), Padua

1.2 - World Heritage Property Details**State(s) Party(ies)**

- Italy

Type of Property

cultural

Identification Number

824

Year of inscription on the World Heritage List

1997

1.3 - Geographic Information Table

Name	Coordinates (latitude/longitude)	Property (ha)	Buffer zone (ha)	Total (ha)	Inscription year
Botanical Garden (Orto Botanico), Padua	45.399 / 11.881	2.2	11.4	13.6	1997
Total (ha)		2.2	11.4	13.6	

1.4 - Map(s)

Title	Date	Link to source
Botanical Garden of Padua, scale 1:2,000	24/01/2006	

Comment

A more complete version of the map that do not imply any modification of boundaries or other data about the property is available.

1.5 - Governmental Institution Responsible for the Property

- Adele Cesi
Ministero per i Beni e le Attività Culturali
Funzionario
Ufficio Patrimonio Mondiale UNESCO, Segretariato Generale - Servizio 1

Comment

Ministero dei Beni e delle Attività Culturali e del Turismo
Francesca Riccio Funzionario Ufficio Patrimonio Mondiale UNESCO, Segretariato Generale - Servizio 1 Via del Collegio Romano, 27 00186 Roma Italy Telephone: +39 06 67232140 Fax: +39 06 67232105 Email: francesca.riccio@beniculturali.it

1.6 - Property Manager / Coordinator, Local Institution / Agency

- Giorgio Casadoro
Centro di ateneo "Orto botanico di Padova"
Prefetto

1.7 - Web Address of the Property (if existing)

- [View photos from OUR PLACE the World Heritage collection](#)

Comment

<http://www.ortobotanico.unipd.it>

1.8 - Other designations / Conventions under which the property is protected (if applicable)**2. Statement of Outstanding Universal Value****2.1 - Statement of Outstanding Universal Value / Statement of Significance****Comment**

The Statement of Outstanding Universal Value has been revised in compliance with the new format, based on the decision 34 COM 10B.3 of the World heritage Committee in 2007. It is currently subject to the evaluation of Advisory Bodies.

2.2 - The criteria (2005 revised version) under which the property was inscribed

(ii)(iii)

2.3 - Attributes expressing the Outstanding Universal Value per criterion**2.4 - If needed, please provide details of why the Statement of Outstanding Universal Value should be revised**

The Statement of Outstanding Universal Value has been revised in compliance with the new format, based on the decision 34 COM 10B.3 of the World heritage Committee in 2007. It is currently subject to the evaluation of Advisory Bodies.

2.5 - Comments, conclusions and / or recommendations related to Statement of Outstanding Universal Value**3. Factors Affecting the Property****3.14. Other factor(s)****3.14.1 - Other factor(s)**

3.15. Factors Summary Table

3.15.1 - Factors summary table

	Name	Impact						Origin
3.1	Buildings and Development							
3.1.4	Major visitor accommodation and associated infrastructure							
3.1.5	Interpretative and visitation facilities							
3.2	Transportation Infrastructure							
3.2.1	Ground transport infrastructure							
3.7	Local conditions affecting physical fabric							
3.7.7	Pests							
3.7.8	Micro-organisms							
3.8	Social/cultural uses of heritage							
3.8.6	Impacts of tourism / visitor / recreation							
3.11	Sudden ecological or geological events							
3.11.2	Earthquake							
3.11.6	Fire (wildfires)							
3.13	Management and institutional factors							
3.13.1	Low impact research / monitoring activities							
3.13.3	Management activities							
Legend	Current	Potential	Negative	Positive	Inside	Outside		

3.16. Assessment of current negative factors

3.16.1 - Assessment of current negative factors

	Spatial scale	Temporal scale	Impact	Management response	Trend	
3.7	Local conditions affecting physical fabric					
3.7.7	Pests	localised	on-going	significant	medium capacity	static
3.7.8	Micro-organisms	localised	frequent	significant	medium capacity	static

3.17. Comments, conclusions and / or recommendations related to factors affecting the property

3.17.1 - Comments

Since in the Botanical Garden of Padua many plant species are grown, the possibility exists of microorganism and pest attacks to the plants. In particular the diffusion of root rot due to the fungus *Armillaria* has to be continuously checked. It is a duty of the management to continuously monitor the health state of the plants and to make treatments in order to keep them in good health.

4. Protection, Management and Monitoring of the Property

4.1. Boundaries and Buffer Zones

4.1.1 - Buffer zone status

There is a buffer zone

4.1.2 - Are the boundaries of the World Heritage property adequate to maintain the property's Outstanding Universal Value?

The boundaries of the World Heritage property are **adequate** to maintain the property's Outstanding Universal Value

4.1.3 - Are the buffer zone(s) of the World Heritage property adequate to maintain the property's Outstanding Universal Value?

The buffer zones of the World Heritage property are **adequate** to maintain the property's Outstanding Universal Value

4.1.4 - Are the boundaries of the World Heritage property known?

The boundaries of the World Heritage property are known by both the management authority and local residents / communities / landowners.

4.1.5 - Are the buffer zones of the World Heritage property known?

The buffer zones of the World Heritage property are **known** by both the management authority and local residents / communities / landowners.

4.1.6 - Comments, conclusions and / or recommendations related to boundaries and buffer zones of the World Heritage property

4.2. Protective Measures

4.2.1 - Protective designation (legal, regulatory, contractual, planning, institutional and / or traditional)

The Padua Local Authority's Urban Development Plan (19/06/2001) defines the "Protection Area of the Botanical Garden" all around the site. Within this Protection Area, the following are permitted: restoration measures on the historical sites or morphological and environmental reconstruction of the same; morphological reconstruction measures based on Recovery Plans, but the buildings must be reconstructed further away from the boundaries of the Botanical

Garden. The following are not permitted: conversions of the outdoor areas unless they involve the restoration of historical sites or the reintegration of the vegetation and environmental system; underground excavations to build garages, car parks or service rooms within a band up to 40 m away from the boundary. The Partial Variant to the Urban Development Plan – Historical Center Areas (27/07/2004) provides specifications, which apply to the contiguous area along the south boundary of the site (the so-called area "Tre Pini"), which is identified as Degraded Area N. 13. Part of this area is still the property of the Provincia Veneta of the Society of Jesus, where the Antonianum Youth Centre will be created. The remaining area has been purchased by the University of Padua in order to safeguard the scenery and environment of the site by creating a "satellite" Botanical Garden. The variant defines the type of measures allowable, i.e: demolition of existing buildings of no historical-architectural value; creation of new greenhouses and spaces for research and teaching activities in the "satellite" Botanical Garden, and construction of new buildings and sport facilities (with a low building density index) in the Antonianum Youth Center. These measures must be governed by Recovery Plans prepared in accordance with the specifications laid down in the global Guidelines for the entire zone. The Botanical Garden comes under the Territorial Coordination Plan of the Provincial Authority or PTCP (05/04/04) and under the Territorial Coordination Plan of the Regional Authority or PTRC (28/05/92), in which the "System of Monumental Gardens" and the system of "Parks and Gardens of Historical-Architectural Interest", respectively, are provided. The Legislative Decree N. 42/ 2004 of Ministry for the Cultural Heritage and Activities specifies the protection of villas, parks and gardens of artistic and historical interest.

Periodic Reporting Cycle 1 (2001-2006) Section 2

Source: [Periodic Reporting Cycle 1 \(2001-2006\)](#)

Submitted on Friday, October 28, 2005

• Question 6.02

- The Padua Local Authority's Urban Development Plan (19/06/2001) defines the "Protection Area of the Botanical Garden" all around the site. Within this Protection Area, the following are permitted: - restoration measures on the historical sites or morphological and environmental reconstruction of the same; - morphological reconstruction measures based on Recovery Plans, but the buildings must be reconstructed further away from the boundaries of the Botanical Garden.
- The following are not permitted: - conversions of the outdoor areas unless they involve the restoration of historical sites or the reintegration of the vegetation and environmental system; - underground excavations to build garages, car parks or service rooms within a band up to 40 m away from the boundary.
- The Partial Variant to the Urban Development Plan – Historical Center Areas (27/07/2004) provides specifications, which apply to the contiguous area along the south boundary of the site (the so-called area "Tre Pini"), which is identified as Degraded Area N. 13. Part of this area is still the property of the Provincia Veneta of the Society of Jesus, where the Antonianum Youth Centre will be created. The remaining area has been purchased by the University of Padua in order to safeguard the scenery and environment of the site by creating a "satellite" Botanical Garden. The variant defines the type of measures allowable, i.e: demolition of existing buildings of no historical-architectural value; creation of new greenhouses and spaces for research and teaching activities in the "satellite" Botanical Garden, and construction of new buildings and sport facilities (with a low building density index) in the Antonianum Youth Center. These measures

must be governed by Recovery Plans prepared in accordance with the specifications laid down in the global Guidelines for the entire zone.

- The Botanical Garden comes under the Territorial Coordination Plan of the Provincial Authority or PTCP (05/04/04) and under the Territorial Coordination Plan of the Regional Authority or PTRC (28/05/92), in which the "System of Monumental Gardens" and the system of "Parks and Gardens of Historical-Architectural Interest", respectively, are provided.
- The Legislative Decree N. 42/ 2004 of Ministry for the Cultural Heritage and Activities specifies the protection of villas, parks and gardens of artistic and historical interest.

Comment

the acronym for the Coordination Plan of the provincial authority is reported once in the correct way (i.e. PTCP) and once in the wrong way (i.e. PTRC), The latter one should be corrected.

4.2.2 - Is the legal framework (i.e. legislation and / or regulation) adequate for maintaining the Outstanding Universal Value including conditions of Integrity and / or Authenticity of the property?

The legal framework for the maintenance of the Outstanding Universal Value including conditions of Authenticity and / or Integrity of the World Heritage property provides **an adequate or better basis** for effective management and protection

4.2.3 - Is the legal framework (i.e. legislation and / or regulation) adequate in the buffer zone for maintaining the Outstanding Universal Value including conditions of Integrity and / or Authenticity of the property?

The legal framework for the maintenance of the Outstanding Universal Value including conditions of Authenticity and / or Integrity of the World Heritage property provides **an adequate or better basis** for effective management and protection

4.2.4 - Is the legal framework (i.e. legislation and / or regulation) adequate in the area surrounding the World Heritage property and buffer zone for maintaining the Outstanding Universal Value including conditions of Integrity and / or Authenticity of the property?

The legal framework for the area surrounding the World Heritage property and the buffer zone provides **an adequate or better basis** for effective management and protection of the property, contributing to the maintenance of its Outstanding Universal Value including conditions of Authenticity and / or Integrity

4.2.5 - Can the legislative framework (i.e. legislation and / or regulation) be enforced?

There is **no effective capacity/resources** to enforce legislation and / or regulation in the World Heritage property

4.2.6 - Comments, conclusions and / or recommendations related to protective measures

4.3. Management System / Management Plan

4.3.1 - Management System

The Scientific-Technical Committee of the Botanical garden, established already in 1984 to cooperate with the Prefect in the management of the Botanical Garden, was formalized as a

body of the new University Center "Orto botanico dell'Università" by Rector's Decree of 01/07/2002. The Scientific-Technical Committee is composed of the Prefect, seven university lecturers, the Curator of the Garden, a representative of the Garden's technical and administrative staff, and a representative of UNESCO. Functions of the Scientific-Technical Committee are: to define guidelines for the development and management of the "Orto Botanico dell'Università di Padua" University Center; to approve agreements and conventions, including those relating to the acquisition of human resources; to appoint the Garden's Prefect from among its members who are lecturers on botanical disciplines, including pharmaceutical botany; to approve the Prefect's report on the results obtained in relation to the guidelines adopted. The UNESCO representative assures the link with the international scene and monitors compliance with the duties undertaken in relation to the Botanical Garden.

The Scientific - Technical Committee remains in office for three years and is appointed by Rector's Decree. Generally speaking, the single members can be reappointed only once. The Botanical Garden of Padua is the property of the State (artistic-historical branch), granted in perpetual and free use to the University of Padua.

Periodic Reporting Cycle 1 (2001-2006) Section 2

Source: [Periodic Reporting Cycle 1 \(2001-2006\)](#)

Submitted on Friday, October 28, 2005

• Question 5.02

Steering group or similar management committee has been set up to guide the management of the site

• Question 5.03

Set up date: 1984

Function:

The SCIENTIFIC-TECHNICAL COMMITTEE of the BOTANICAL GARDEN, established already in 1984 to cooperate with the Prefect in the management of the Botanical Garden, was formalized as a body of the new University Center "Orto botanico dell'Università" by Rector's Decree of 01/07/2002. The Scientific-Technical Committee is composed of the Prefect, seven university lecturers, the Curator of the Garden, a representative of the Garden's technical and administrative staff, and a representative of UNESCO. Functions of the Scientific-Technical Committee:

- to define guidelines for the development and management of the "Orto Botanico dell'Università di Padua" University Center;
- to approve agreements and conventions, including those relating to the acquisition of human resources;
- to appoint the Garden's Prefect from among its members who are lecturers on botanical disciplines, including pharmaceutical botany;
- to approve the Prefect's report on the results obtained in relation to the guidelines adopted. The UNESCO representative assures the link with the international scene and monitors compliance with the duties undertaken in relation to the Botanical Garden.

Mandate: The Scientific - Technical Committee remains in office for three years and is appointed by Rector's Decree. Generally speaking, the single members can be reappointed only once.

Constituted: formal

• Question 5.05

Overall management system of the site

- Other effective management system

The Botanical Garden of Padua is the property of the State (artistic-historical branch), granted in perpetual and free use to the University of Padua.

Comment

The University Centre "Orto Botanico dell'Università di Padova" was established by the Rector's Decree n.1347 of 01/07/2002. Later, by the Rector's Decree n 1665 of 27/06/2012, the Statute of the Padua University was changed and the Statute of the Botanical Garden was also changed. Presently, this Centre comprises the Botanical Garden and the Herbarium (the latter hosts ancient and precious botanical collections previously managed by the University Museum Centre). The main scopes of the Padua Botanical Garden are the promotion of the botanical knowledge in all its forms and the safeguard of plant biodiversity. The Governance of the Botanical Garden is formed by the Prefect and the "Consiglio Direttivo" (CD). The Garden's Prefect is appointed by the Rector among one of the lecturers of Botanical disciplines of the Department of Biology of the Padua University. The Prefect remains in office for three years and can be reappointed only once. The Consiglio Direttivo (i.e. a Scientific-Technical Committee) is formed by the Prefect, the Vice-prefect (who is appointed by the Prefect), two scientific experts (chosen by the Rector among people working either in Padua or in other Italian or foreign research Institutions), the Curator of the Garden, the responsible of the Garden's administrative staff, a representative of UNESCO, and up to a maximum of two technical experts indicated by the Prefect. Functions of the Scientific-Technical Committee are: to cooperate with the Prefect in the elaboration of the guidelines for the development and management of the University Centre "Orto Botanico dell'Università di Padua"; to approve the budget plan and the management plan; to approve the trial balance and the management report ; to approve the external collaborations in relation to research, didactic, science communication and cultural event organization. The UNESCO representative ensures the link with the international scene and monitors compliance with the duties undertaken in relation of the Botanical Garden being a UNESCO site. The Scientific-Technical Committee remains in office for three years and each member can be reappointed only once. The Botanical Garden of Padua is the property of the State (artistic-historical branch), granted in perpetual and free use to the University of Padua.

4.3.2 - Management Documents

Comment

A Management Plan has been drafted but not yet sent to the World Heritage Centre.

4.3.3 - How well do the various levels of administration (i.e. national / federal; regional / provincial / state; local / municipal etc.) coordinate in the management of the World Heritage Property ?

There is **excellent coordination** between all bodies / levels involved in the management of the property

4.3.4 - Is the management system / plan adequate to maintain the property's Outstanding Universal Value ?

The management system / plan is **fully adequate** to maintain the property's Outstanding Universal Value

4.3.5 - Is the management system being implemented?

The management system is **only partially** being implemented

4.3.6 - Is there an annual work / action plan and is it being implemented?

An annual work / action plan exists and **many activities** are being implemented

4.3.7 - Please rate the cooperation / relationship with World Heritage property managers / coordinators / staff of the following

Local communities / residents	Not applicable
Local / Municipal authorities	Good
Indigenous peoples	Not applicable
Landowners	Fair
Visitors	Good
Researchers	Good
Tourism industry	Fair
Industry	Fair

4.3.8 - If present, do local communities resident in or near the World Heritage property and / or buffer zone have input in management decisions that maintain the Outstanding Universal Value?

No local communities are resident in or living near the World Heritage property and / or buffer zone

4.3.9 - If present, do indigenous peoples resident in or regularly using the World Heritage property and / or buffer zone have input in management decisions that maintain the Outstanding Universal Value?

No indigenous peoples are resident in or regularly using the World Heritage property and / or buffer zone

4.3.10 - Is there cooperation with industry (i.e. forestry, mining, agriculture, etc.) regarding the management of the World Heritage property, buffer zone and / or area surrounding the World Heritage property and buffer zone?

There is **little or no contact** with industry regarding the management of the World Heritage property, buffer zone and / or area surrounding the World Heritage property and buffer zone

4.3.11 - Comments, conclusions and / or recommendations related to human resources, expertise and training

The present type of management is adequate and only needs a few little improvements.

4.3.12 - Please report any significant changes in the legal status and / or contractual / traditional protective measures and management arrangements for the World Heritage property since inscription or the last Periodic report

No change in the legal status of the Botanical Garden has occurred since its inscription in the WHC list.

4.4. Financial and Human Resources

4.4.1 - Costs related to conservation, based on the average of last five years (relative percentage of the funding sources)

Multilateral funding (GEF, World Bank, etc)	0%
International donations (NGO's, foundations, etc)	0%
Governmental (National / Federal)	0%
Governmental (Regional / Provincial / State)	81%
Governmental (Local / Municipal)	7%
In country donations (NGO's, foundations, etc)	0%
Individual visitor charges (e.g. entry, parking, camping fees, etc.)	12%

Commercial operator payments (e.g. filming permit, concessions, etc.)	0%
Other grants	0%

4.4.2 - International Assistance received from the World Heritage Fund (USD)

4.4.3 - Is the current budget sufficient to manage the World Heritage property effectively?

The available budget is **acceptable** but could be further improved to fully meet the management needs

4.4.4 - Are the existing sources of funding secure and likely to remain so?

The existing sources of funding are **secure** in the medium-term and planning is underway to secure funding in the long-term

4.4.5 - Does the World Heritage property provide economic benefits to local communities (e.g. income, employment)?

There is **some flow** of economic benefits to local communities

4.4.6 - Are available resources such as equipment, facilities and infrastructure sufficient to meet management needs?

There are **adequate** equipment and facilities

4.4.7 - Are resources such as equipment, facilities and infrastructure adequately maintained?

There is **basic** maintenance of equipment and facilities

4.4.8 - Comments, conclusion, and / or recommendations related to finance and infrastructure

An increase in the number of visitors would be beneficial both for the economy of the local community and for the maintenance of the UNESCO site.

4.4.9 - Distribution of employees involved in managing the World Heritage property (% of total)

Full-time	85%
Part-time	15%

4.4.10 - Distribution of employees involved in managing the World Heritage property (% of total)

Permanent	72%
Seasonal	28%

4.4.11 - Distribution of employees involved in managing the World Heritage property (% of total)

Paid	88%
Volunteer	12%

4.4.12 - Are available human resources adequate to manage the World Heritage property?

A range of human resources exist, but these are **below optimum** to manage the World Heritage Property.

4.4.13 - Considering the management needs of the World Heritage property, please rate the availability of professionals in the following disciplines

Research and monitoring	Fair
Promotion	Fair
Community outreach	Fair
Interpretation	Not applicable
Education	Good
Visitor management	Good
Conservation	Good
Administration	Good
Risk preparedness	Good
Tourism	Good
Enforcement (custodians, police)	Not applicable

4.4.14 - Please rate the availability of training opportunities for the management of the World Heritage property in the following disciplines

Research and monitoring	High
Promotion	High
Community outreach	High
Interpretation	Not applicable
Education	High
Visitor management	High
Conservation	High
Administration	Medium
Risk preparedness	High
Tourism	High
Enforcement (custodians, police)	Not applicable

4.4.15 - Do the management and conservation programmes at the World Heritage property help develop local expertise?

A capacity development plan or programme is **in place and fully implemented**; all technical skills are being transferred to those managing the property locally, who are assuming leadership in management

4.4.16 - Comments, conclusions and / or recommendations related to human resources, expertise and training

Some human resources fully dedicated to the development of the UNESCO site activities would be helpful.

4.5. Scientific Studies and Research Projects

4.5.1 - Is there adequate knowledge (scientific or traditional) about the values of the World Heritage property to support planning, management and decision-making to ensure that Outstanding Universal Value is maintained?

Knowledge about the values of the World Heritage property is **sufficient**

4.5.2 - Is there a planned programme of research at the property which is directed towards management needs and / or improving understanding of Outstanding Universal Value?

There is a **comprehensive, integrated programme of research**, which is relevant to management needs and / or improving understanding of Outstanding Universal Value

4.5.3 - Are results from research programmes disseminated?

Research results are **shared with local participants and some national agencies**

4.5.4 - Please provide details (i.e. authors, title, and web link) of papers published about the World Heritage property since the last Periodic Report

AR Pantaleo e D Zugliani (2006). Itinerari didattici per le scuole (www.sitiunescoveneto.it) EM Cappelletti (2011) L'Orto Botanico di Padova. Le tre Venezie, Siti culturali Patrimonio Mondiale Unesco Itinerari: Il Veneto e i beni culturali Patrimonio Mondiale Unesco (2012). Touring Club Italiano Editor L'Orto Botanico di Padova (2013).Iniziativa Regione Veneto, Sagep Editore DRYADES

4.5.5 - Comments, conclusions and / or recommendations related to scientific studies and research projects

We are very interested in improving research about the importance of our UNESCO site. To this purpose had last year a grant by MIUR and we have recently applied to MiBAC for another grant.

4.6. Education, Information and Awareness Building

4.6.1 - At how many locations is the World Heritage emblem displayed at the property?

In **one location and easily visible** to visitors

4.6.2 - Please rate the awareness and understanding of the existence and justification for inscription of the World Heritage property amongst the following groups

Local communities / residents	Average
Local / Municipal authorities within or adjacent to the property	Excellent
Local Indigenous peoples	Not applicable
Local landowners	Excellent
Visitors	Excellent
Tourism industry	Excellent
Local businesses and industries	Average

4.6.3 - Is there a planned education and awareness programme linked to the values and management of the World Heritage property?

There is a planned education and awareness programme but it only **partly meets the needs** and could be improved

4.6.4 - What role, if any, has designation as a World Heritage property played with respect to education, information and awareness building activities?

World Heritage status has influenced education, information and awareness building activities, **but it could be improved**

4.6.5 - How well is the information on Outstanding Universal Value of the property presented and interpreted?

The Outstanding Universal Value of the property is adequately presented and interpreted **but improvements could be made**

4.6.6 - Please rate the adequacy for education, information and awareness building of the following

visitor facilities and services at the World Heritage property

Visitor centre	Excellent
Site museum	Adequate
Information booths	Adequate
Guided tours	Excellent
Trails / routes	Adequate
Information materials	Adequate
Transportation facilities	Not needed
Other	Not needed

4.6.7 - Comments, conclusions and / or recommendations related to education, information and awareness building

4.7. Visitor Management

4.7.1 - Please provide the trend in annual visitation for the last five years

Last year	Minor Increase
Two years ago	Static
Three years ago	Static
Four years ago	Static
Five years ago	Static

4.7.2 - What information sources are used to collect trend data on visitor statistics?

Entry tickets and registries
Visitor surveys

4.7.3 - Visitor management documents

Comment

We are presently setting up some documents relating to the management of visitors.

4.7.4 - Is there an appropriate visitor use management plan (e.g. specific plan) for the World Heritage property which ensures that its Outstanding Universal Value is maintained?

Visitor use of the World Heritage property is managed **but improvements could be made**

4.7.5 - Does the tourism industry contribute to improving visitor experiences and maintaining the values of the World Heritage property?

There is **limited co-operation** between those responsible for the World Heritage property and the tourism industry to present the Outstanding Universal Value and increase appreciation

4.7.6 - If fees (i.e. entry charges, permits) are collected, do they contribute to the management of the World Heritage property?

The fee is collected, and makes **some contribution** to the management of the World Heritage property

4.7.7 - Comments, conclusions and / or recommendations related to visitor use of the World Heritage property

During years 2009-2012 the number of visitors has remained more or less the same while in year 2013 there has been a 27% increase which is very significant especially because there has been in parallel an 80% increase in takings.

4.8. Monitoring

4.8.1 - Is there a monitoring programme at the property which is directed towards management needs and / or improving understanding of Outstanding Universal Value?

There is a **comprehensive, integrated programme** of monitoring, which is relevant to management needs and / or improving understanding of Outstanding Universal Value

4.8.2 - Are key indicators for measuring the state of conservation used to monitor how the Outstanding Universal Value of the property is maintained?

Information on the values of the World Heritage property is sufficient and key indicators have been defined but **monitoring the status of indicators could be improved**

4.8.3 - Please rate the level of involvement in monitoring of the following groups

World Heritage managers / coordinators and staff	Excellent
Local / Municipal authorities	Average
Local communities	Average
Researchers	Average
NGOs	Not applicable
Industry	Not applicable
Local indigenous peoples	Not applicable

4.8.4 - Has the State Party implemented relevant recommendations arising from the World Heritage Committee?

Implementation is **underway**

4.8.5 - Please provide comments relevant to the implementation of recommendations from the World Heritage Committee

4.8.6 - Comments, conclusions and / or recommendations related to monitoring

The system of monitoring is operative but it needs a fine tuning and some improvements.

4.9. Identification of Priority Management Needs

4.9.1 - Please select the top 6 managements needs for the property (if more than 6 are listed below)

Please refer to question 5.2

5. Summary and Conclusions

5.1. Summary - Factors affecting the Property

5.1.1 - Summary - Factors affecting the Property

		World Heritage criteria and attributes affected	Actions	Monitoring	Timeframe	Lead agency (and others involved)	More info / comment
3.7	Local conditions affecting physical fabric						
3.7.7	Pests	all criteria.	Plants can be affected by pests and this problem can be overcome by treatments with antiparasites.	Monitorings are regularly performed by experts in plant pathology.	Monitorings are performed weekly during vegetative phases and monthly in winter time.	The Botanical Garden of Padua	Basically this problem does not affect the criteria for which the botanical garden has been inserted in the World Heritage List. Only plants can be affected by pests and this problem can be overcome by regular treatments with antiparasites.
3.7.8	Micro-organisms	all criteria.	Plants can be affected by pests and this problem can be overcome by treatments with antiparasites.	Monitorings are regularly performed by experts in plant pathology.	Monitorings are performed weekly during vegetative phases and monthly in winter time.	The Botanical Garden of Padua	Basically this problem does not affect the criteria for which the botanical garden has been inserted in the World Heritage List. Only plants can be affected by microorganisms and this problem can be overcome by treatments with specific products.

5.2. Summary - Management Needs

5.2.2 - Summary - Management Needs

4.2 Protective Measures							
		Actions	Timeframe	Lead agency (and others involved)	More info / comment		
4.2.5	No effective capacity / resources to enforce legislation	It will be important to acquire personnel fully dedicated to the management of the UNESCO site. To this purpose the University of Padua may supply the requested resources. As regards legislation problems, they depend from the Italian government.	Hopefully, by the year 2018 a new employee dedicated to the management of the UNESCO site will be available.	The University of Padua will be involved in the acquirement of new personnel.	Recently the income of the Botanical Garden has greatly increased. This will allow the direction of the Garden to eventually hire people dedicated to the management of the UNESCO site.		
4.3 Management System / Management Plan							
4.3.10	There is little or no contact with industry regarding management	We are trying to involve both industries and plant nurseries in the activities of the garden.	By year 2018, we hope to have established collaborations with some industries and local nurseries.	Industries involved will be BIOS Line and Aboca, both of them producing plant-derived remedies. Nurseries will be selected around Padua	The collaboration with industries and nurseries will enhance the scientific status of the UNESCO site.		

5.3. Conclusions on the State of Conservation of the Property

5.3.1 - Current state of Authenticity

The authenticity of the World Heritage property has been **preserved**

5.3.2 - Current state of Integrity

The integrity of the World Heritage property is **intact**

5.3.3 - Current state of the World Heritage property's Outstanding Universal Value

The World Heritage property's Outstanding Universal Value has been **maintained**.

5.3.4 - Current state of the property's other values

Other important cultural and / or natural values and the state of conservation of the World Heritage property are **predominantly intact**

5.4. Additional comments on the State of Conservation of the Property

5.4.1 - Comments

6. World Heritage Status and Conclusions on Periodic Reporting Exercise

6.1 - Please rate the impacts of World Heritage status of the property in relation to the following areas

Conservation	Very positive
Research and monitoring	Very positive
Management effectiveness	Very positive
Quality of life for local communities and indigenous peoples	Positive
Recognition	Very positive
Education	Very positive
Infrastructure development	Positive
Funding for the property	Positive
International cooperation	No impact
Political support for conservation	Very positive
Legal / Policy framework	Positive
Lobbying	No impact
Institutional coordination	Very positive
Security	Very positive
Other (please specify)	Not applicable

6.2 - Comments, conclusions and / or recommendations related to World Heritage status

6.3 - Entities involved in the preparation of this Section of the Periodic Report

Site Manager/Coordinator/World Heritage property staff
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6.4 - Was the Periodic Reporting questionnaire easy to use and clearly understandable?

yes

6.5 - Please provide suggestions for improvement of the Periodic Reporting questionnaire

Some questions were not particularly straightforward to be understood.

6.6 - Please rate the level of support for completing the Periodic Report questionnaire from the following entities

UNESCO	Very good
State Party Representative	Good
Advisory Body	Good

6.7 - How accessible was the information required to complete the Periodic Report?

Most of the required information was accessible

6.8 - The Periodic Reporting process has improved the understanding of the following

The concept of Outstanding Universal Value
Managing the property to maintain the Outstanding Universal Value
Monitoring and reporting
Management effectiveness

6.9 - Please rate the follow-up to conclusions and recommendations from previous Periodic Reporting exercise by the following entities

UNESCO	Excellent
State Party	Satisfactory
Site Managers	Satisfactory
Advisory Bodies	Satisfactory

6.10 - Summary of actions that will require formal consideration by the World Heritage Committee

• **Statement of Outstanding Universal Value / Statement of Significance**

Reason for update: The Statement of Outstanding Universal Value has been revised in compliance with the new format, based on the decision 34 COM 10B.3 of the World heritage Committee in 2007. It is currently subject to the evaluation of Advisory Bodies.

• **Map(s)**

Reason for update: A more complete version of the map that do not imply any modification of boundaries or other data about the property is available.

6.11 - Comments, conclusions and / or recommendations related to the Assessment of the Periodic Reporting exercise

This system of evaluation has turned out to be quite valuable because it allowed the direction of the UNESCO site to analyzed in great detail the present situation of the site, the factors affecting the management and the actions necessary to improve it.