1. World Heritage Property Data

1.1 - Name of World Heritage Property

Purnululu National Park

1.2 - World Heritage Property Details

State(s) Party(ies)

Australia

Type of Property

natural

Identification Number

1094

Year of inscription on the World Heritage List 2003

Comment

"naturel" should be natural

1.3 - Geographic Information Table

| Name | Coordinates | | | Total (ha) | Inscription year |
|----------------------------|---------------|--------|-------|---------------|---------------------|
| Purnululu National Park | -17.5 / 128.5 | 239723 | 79602 | 319325 | 2003 |
| Total (ha) | | 239723 | 79602 | 319325 | |

Comment

There are two areas of land adjacent to Purnululu National Park World Heritage Area that are managed, amongst other things, to complement the protection and conservation of the Park's World Heritage values. To the north west of the Park is the Purnululu Conservation Reserve (79,602 hectares), which will have pastoral lease excisions added to increase its size to 142,060 hectares. To the east of the Park is the Ord River Regeneration Reserve (567,949 hectares).

1.4 - Map(s)

| Title | Date | Link to source |
|-------------------------|------------|----------------|
| Purnululu National Park | 25/01/2002 | |

1.5 - Governmental Institution Responsible for the Property

Comment

Mr Peter Burnett First Assistant Secretary Heritage and Wildlife Division Department of Sustainability, Environment, Water, Population and Communities GPO Box 787 ACT 2601 Ph +6126274 1111 Fax; +6126274 2095 Email: Peter.Burnett@environment.gov.au

1.6 - Property Manager / Coordinator, Local Institution / Agency

Peter Sharp

"Parks and Visitor Services

Department of Environment & Conservation

Comment

Mr Peter Sharp Director Parks and Visitor Services Department of Environment and Conservation telephone update......(08) 9442 0304 Fax update......(08) 9386 1286

1.7 - Web Address of the Property (if existing)

1. <u>The Official Site for Australian Travel and</u> <u>Tourism Australia</u>

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- 2. Natural site datasheet from WCMC
- 3. <u>Purnululu National Park (Department of the</u> Environment, Water, Heritage and the Arts)

Comment

1.

http://www.environment.gov.au/heritage/places/world/purnulul u/index.html 2. Western Australian Department of Environment and Conservation website: http://www.dec.wa.gov.au/component/option,com hotproperty/task,view/id,39/itemid,1584/ 3. http://www.australia.com/index.aspx

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

A Retrospective Statement of Outstanding Universal Value was submitted to the World Heritage Centre on 1 February 2011, and is now awaiting World Heritage Committee approval in June 2012.

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

(vii)(viii)

2.3 - Attributes expressing the Outstanding Universal Value per criterion

For Purnululu National Park's outstanding universal values go to:

http://www.environment.gov.au/heritage/places/world/purnulul u/values.html

2.4 - If needed, please provide details of why the Statement of Outstanding Universal Value should be revised

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 Develop | | | ent | | |
| 3.1.4 Major visitor accommodation and associated infrastructure | \odot | | 9 | 9 | ۲ | |
| 3.1.5 Interpretative and visitation facilities | \odot | | 9 | 9 | ۲ | |
| 3.2 | Transpor | tation Ir | nfrastru | cture | - | |
| 3.2.4 Effects arising from use of transportation infrastructure | | | 9 | | ۲ | G |
| 3.3 | Services | Infrastr | uctures | | | |
| 3.3.1 Water infrastructure | | | | 9 | ۲ | |
| 3.3.2 Renewable energy facilities | 0 | | 9 | | ۲ | |
| 3.5 | Biologica | al resou | rce use/ | modific | ation | |
| 3.5.9 Subsistence hunting | \odot | | 9 | | ۲ | Ś |
| 3.7 | Local conditions affecting physical fabric | | | | | |
| 3.7.7 Pests | | | 9 | | ۲ | |
| 3.8 | | Social/cultural uses of heritage | | | | |
| 3.8.1 Ritual / spiritual / religious and associative uses | 0 | | | 9 | ۲ | G |
| 3.8.4 Changes in traditional ways of life and knowledge system | | | 9 | 9 | ۲ | |
| 3.8.6 Impacts of tourism / visitor / recreation | | | 9 | 9 | ۲ | Ś |
| 3.11 | Sudden e | cologic | al or ge | ologica | l events | ; |
| 3.11.6 Fire (widlfires) | \odot | | 9 | 9 | ۲ | Ś |
| 3.12 | Invasive/ | alien sp | ecies o | r hyper- | abunda | nt species |
| 3.12.2 Invasive/alien terrestrial species | | | 9 | 9 | | Ś |
| 3.13 | | nent and | institu | tional fa | actors | |
| 3.13.1 Low impact research / monitoring activities | 0 | | 9 | | ۲ | |
| 3.13.3 Management activities | \odot | | 9 | 9 | ۲ | |
| Legend Current Potential ONegative OPositive | ۲ | Inside |) | ٢C | Dutside |) |

3.16. Assessment of current negative factors

3.16.1 - Assessment of current negative factors

| | | Spatial scale | Temporal scale | Impact | Management response | Trend |
|--------|--|---------------|--------------------------|---------------|------------------------|------------|
| 3.2 | Transportation Infrastructure | | | | | |
| | Effects arising from use of transportation infrastructure | restricted | on-going | minor | medium capacity | static |
| 3.7 | Local conditions affecting physical fa | bric | | | | |
| 3.7.7 | Pests | restricted | intermittent or sporadic | insignificant | high capacity | decreasing |
| 3.8 | Social/cultural uses of heritage | | | | | |
| | Changes in traditional ways of life and knowledge system | extensive | on-going | minor | low capacity | static |
| 3.11 | Sudden ecological or geological events | | | | | |
| 3.11.6 | Fire (widlfires) | extensive | frequent | significant | medium capacity | static |
| 3.12 | Invasive/alien species or hyper-abundant species | | | | | |
| 3.12.2 | Invasive/alien terrestrial species | localised | intermittent or sporadic | insignificant | medium capacity | static |

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

3.17.1 - Comments

3.8.6 Tourism: Visitor numbers are increasing although still low (around 27,000 visits recorded in 2009-10). Tourism is well-managed through facilities and services. 3.11.6 Fire: Large bushfires at the end of the dry season have potential to damage World Heritage values by scorching the massif, causing exfoliation. All other impacts are not considered to have a direct impact on the World Heritage values that Purnululu National Park was listed for, but are considerations for management.

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

The key World Heritage values of Purnululu National Park, that is the limestone massif and visual amenity, are well inside the boundaries of the national park. Purnululu Conservation Park and the Ord River Regeneration Reserve located adjacent to the Park allow for controlled burning to be undertaken to mitigate bushfires, which are a key threatening process to the massif.

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4.2. Protective Measures

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

Purnululu National Park is a class "A" reserve (number 39897) for the purpose of "National Park". It was vested in the then National Parks and Nature Conservation Authority (now the Conservation Commission) of Western Australia. The original vesting was gazetted on the 6th March 1987 and the status was upgraded to "A" class on the 13th September 1988.

Comment

All World Heritage properties in Australia are "matters of national environmental significance" protected and managed under national legislation, the Environment Protection and Biodiversity Conservation Act 1999. By law, any action that has, will have or is likely to have a significant impact on the World Heritage values of a World Heritage property must be referred to the responsible Minister for consideration. This includes impacts originating from outside the property.

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 **acceptable** capacity / resources to enforce legislation and / or regulation in the World Heritage property but some deficiencies remain

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

Purnululu National Park World Heritage Area is located in a remote region of northern Western Australia. The nearest major town, Kununurra, is the main base for management, but

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is around a five hour drive from Purnululu, depending on road conditions. While management capacity is good, the remoteness of the site is a constraint, however there is a small staff presence during the main tourism season.

4.3. Management System / Management Plan

4.3.1 - Management System

Joint management is undertaken by virtue of a Deed of Agreement (the Deed) between the Western Australian Minister for the Environment and Heritage and the Purnululu Aboriginal Corporation (PAC), signed on 31 December 2002. The Deed provides for the Park to be managed through a newly established Park Council (the Council), comprising traditional owners and members appointed by the Western Australian Minister for the Environment and Heritage. The Council's functions are to:

- provide advice to the Minister in all matters relating to Aboriginal involvement in the Park,

- to prepare and advice upon proposals for management plans for the Park, and

- to participate in the implementation of the management plan as approved, including the development of policy on matters of Aboriginal interest in relation to the Park.

Comment

The Deed of Agreement dated 31 December 2002 has expired. In its place, there is to be a new World Heritage advisory committee. The new committee will comprise Indigenous and broader community interests. Its functions are to: - provide advice to Western Australian and Commonwealth ministers; and - participate in the implementation of the management plan. The area is managed under the Purnululu National Park Management Plan (which also encompasses the conservation park).

4.3.2 - Management Documents

Comment

The Purnululu National Park Management Plan is currently being updated, and will be forwarded to the World Heritage Centre once completed and approved.

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 being **fully** implemented and monitored

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

An annual work / action plan exists and **most or all activities** are being implemented and monitored

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

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

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?

Local communities **directly contribute** to some decisions relating to management

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? Indigenous peoples directly contribute to some decisions relating to management but their involvement could be improved

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 **regular contact** with industry regarding the management of the World Heritage property, buffer zone and / or area surrounding the World Heritage property and buffer zone and **substantial co-operation** on management

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

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

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) | |
|---|-----|
| International donations (NGO's, foundations, etc) | |
| Governmental (National / Federal) | 36% |
| Governmental (Regional / Provincial / State) | 41% |
| Governmental (Local / Municipal) | |
| In country donations (NGO's, foundations, etc) | |
| Individual visitor charges (e.g. entry, parking, camping fees, etc.) | 7% |
| Commercial operator payments (e.g. filming permit, concessions, etc.) | 16% |

Other grants

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

Comment

No assistance is received from the World Heritage Centre.

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 mediumterm and planning is underway to secure funding in the longterm

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 **some** adequate equipment and facilities, but deficiencies in at least one key area **constrain** management at the World Heritage property

4.4.7 - Are resources such as equipment, facilities and infrastructure adequately maintained? Equipment and facilities are **well maintained**

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

Purnululu National Park is funded mainly by the Western Australian Government for overall park operations. The Australian Government funds a World Heritage officer and provides grants for works related to protection of World Heritage values.

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

| Full-time | 25% |
|-----------|-----|
| Part-time | 75% |

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

| Permanent | 75% |
|-----------|-----|
| Seasonal | 25% |

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

| Paid | 90% | |
|-----------|-----|--|
| Volunteer | 10% | |

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

Human resources are adequate for management needs

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 | Fair |
| Education | Fair |
| Visitor management | Fair |
| Conservation | Fair |
| Administration | Fair |
| Risk preparedness | Good |
| Tourism | Good |
| Enforcement (custodians, police) | Fair |

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

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 partially implemented; some technical skills are being transferred to those managing the property locally but most of the technical work is carried out by external staff

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

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** for most key areas **but there are gaps**

4.5.2 - Is there a planned programme of research at the property which is directed towards management

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needs and / or improving understanding of Outstanding Universal Value?

There is a small amount of research, but it is not planned

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

Levitus, Robert. 2008. Cultural Connections Report: Purnululu National Park World Heritage Area. October 2008. Pinkus, E., Moore, S.A. and Taplin, R. 2010. Purnululu National Park Visitor Survey 2010. Report prepared for the Department of Environment and Conservation, Kensington, WA.

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

Research in the following areas is suggested: 1. Carrying capacity of the Park in terms of World Heritage and other values, including the experience of aesthetic values. 2. Potential impacts of stray stock and other feral animals on the Park . 3. The potential impacts of fire on the Park's World Heritage and other values to inform adaptive management strategies.

4.6. Education, Information and Awareness Building

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

In many locations, but not 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 | Poor |
|---|---------|
| Local / Municipal authorities within or adjacent to the property | Poor |
| Local Indigenous peoples | Poor |
| Local landowners | Poor |
| Visitors | Average |
| Tourism industry | Average |
| Local businesses and industries | Poor |

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**

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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 | Adequate |
|---------------------------|------------|
| Site museum | Not needed |
| 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

Education, information and interpretive facilities provided by the Western Australian Department of Environment and Conservation (DEC) are adequate but would benefit from an upgrade. Commercial tour operators, licensed by DEC, provide excellent guided tour services.

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 | Minor Increase |
| Three years ago | Minor Increase |
| Four years ago | Minor Increase |
| Five years ago | Minor Increase |

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

| Entry tickets and registries | | |
|------------------------------|--|--|
| Accommodation establishments | | |
| Transportation services | | |
| Visitor surveys | | |

4.7.3 - Visitor management documents

Comment

Purnululu National Park and Purnululu Conservation Park are managed under a management plan. There is also a draft Visitor Services Plan for Protected Area Management in the Kimberley Region which encompasses Purnululu National Park and Purnululu Conservation Park.

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**

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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 a **substantial 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

Fees collected go back into park management.

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 small amount of monitoring, but it is not planned

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** for defining and monitoring key indicators for measuring its state of conservation

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

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

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

No relevant Committee recommendations to implement

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

The World Heritage Committee , at it's 27th (2003) , 29th (2005) and 32nd (2008) sessions has asked Australia to report on particular matters relating to natural World Heritage values and possible cultural World Heritage values. Australia reported on these matters on 9/3/05, 1/2/08 and 1/2/2011.

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

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 |
|--------|---|---|--|--|--|---|--|
| 3.2 | Transportation | Infrastructure | | · | | · | · |
| 3.2.4 | Effects arising from use of transportation infrastructure | | | | | | |
| 3.7 | Local condition | is affecting physical fa | bric | | | | |
| 3.7.7 | Pests | | | | | | |
| 3.8 | Social/cultural | uses of heritage | • | | - | - · | • |
| 3.8.4 | Changes in traditional ways of life and knowledge system | World Heritage criteria are not directly impacted by changes in the traditional ways of life and knowledge system. However, input from traditional owners benefits management of the area. | Within Purnululu there are over lapping native title claims meaning there are regular disputes over who can speak for country. Determining native title is critical to retaining traditional ways. | both groups to record some of the traditional knowledge that can contribute to park | Traditional ways of life and the indigenous peoples knowledge system becomes harder to recover the longer the time period. | Western Australian Department of Environment and Conservation | The Australian Government through the Australian High Court determine native title as cases are put before them. |
| 3.11 | Sudden ecological or geological events | | | | | | |
| 3.11.6 | Fire (widlfires) | The management of fire is a major issue over the entire Kimberley region. Fire has the potential to scorch the massif causing exfoliation. | The Department of Environment and Conservation undertakes planned burns early in the dry season to mitigate risk of fire affecting the massif. | The Department of Environment and Conservation monitors fire over the entire Kimberley region and prepares fire history maps as a basis of each years fire plans. | Ongoing | Western Australian Department of Environment and Conservation. | Despite the planned burning activities, deliberate illegal lightings and lightening strikes can lead to large, hot, and usually uncontrollable, fires late in the dry season. |
| 3.12 | Invasive/alien s | pecies or hyper-abund | lant species | · | • | · | · |
| 3.12.2 | Invasive/alien terrestrial species | | | | | | |

5.2. Summary - Management Needs

5.2.2 - Summary - Management Needs

| 4.5 Sci | 5 Scientific Studies and Research Projects | | | | |
|---|---|---|--|--|--|
| | | Actions | Timeframe | Lead agency (and others involved) | More info / comment |
| 4.5.2 Research in the property is not planned | | The Western Australian Department of Environment and Conservation coordinates a comprehensive research program across Western Australia including for biodiversity conservation and social science. | Research specific to Purnululu is considered in the broader science program for Western Australia, and is dependent on funding. | Western Australian Department of Environment and Conservation | Research is undertaken on an as needs basis. |
| 4.8 Mo | 4.8 Monitoring | | | | |
| 4.8.1 | Some monitoring, The Western Australian Monitoring is dependent on funding. Western Australian Department of Environment and Conservation Monitoring such as fire | | Monitoring for key result areas such as fire, visitor numbers and visitor satisfaction is ongoing. | | |

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 | Positive |
|---|----------------|
| Research and monitoring | No impact |
| Management effectiveness | Positive |
| Quality of life for local communities and indigenous peoples | No impact |
| Recognition | Positive |
| Education | No impact |
| Infrastructure development | No impact |
| Funding for the property | Positive |
| International cooperation | Not applicable |
| Political support for conservation | No impact |
| Legal / Policy framework | Positive |
| Lobbying | No impact |
| Institutional coordination | Positive |
| Security | Not applicable |
| 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

| Governmental institution responsible for the property |
|--|
| Site Manager/Coordinator/World Heritage property staff |
| |

6.4 - Was the Periodic Reporting questionnaire easy to use and clearly understandable?

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

The questionnaire was easy to use, however some questions could be clarified, particularly as to the applicability of the question to World Heritage values specifically, or management as a whole.

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

| UNESCO | Fair |
|----------------------------|-----------|
| State Party Representative | Very good |
| Advisory Body | Fair |

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 World Heritage Convention

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

| UNESCO | Satisfactory |
|-----------------|--------------|
| 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: A Retrospective Statement of Outstanding Universal Value was submitted to the World Heritage Centre on 1 February 2011, and is now awaiting World Heritage Committee approval in June 2012.

Geographic Information Table

Reason for update: There are two areas of land adjacent to Purnululu National Park World Heritage Area that are managed, amongst other things, to complement the protection and conservation of the Park's World Heritage values. To the north west of the Park is the Purnululu Conservation Reserve (79,602 hectares), which will have pastoral lease excisions added to increase its size to 142,060 hectares. To the east of the Park is the Ord River Regeneration Reserve (567,949 hectares).

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