Pre-Acetas del II Congreso Internacional de Buenas Prácticas en Patrimonio Mundial: personas y comunidades. (Documento de uso restringido, destinado exclusivamente a su visualización)

Pre-proceedings of the Second International Conference on Best Practices in World Heritage: People and Communities. (Document Restricted only for visual use)
FROM “DOODLES” TO WORLD HERITAGE: ASSESSING THE IMPACT OF THE INSCRIPTION OF THE ROCK ART OF THE MEDITERRANEAN BASIN ON THE IBERIAN PENINSULA (ARAMPI) ON THE WORLD HERITAGE LIST

De “garabatos” a Patrimonio Mundial: evaluando el impacto de la inscripción del Arte Rupestre del Arco Mediterráneo de la Península Ibérica (ARAMPI) como Patrimonio Mundial

Margarita Díaz-Andreu (1), Amilcar Vargas (2) y Manuel Bea (3)

(1) ICREA-Universitat de Barcelona m.diaz-andreu@ub.edu
(2) Universitat de Barcelona amilcavargas@gmail.com
(3) Scanner Patrimonio e Industria – Group "PPVE", Universidad de Zaragoza. manubea@unizar.es

ABSTRACT

On 2 December 1998 the Rock Art of the Mediterranean Basin (ARAMPI) was added to the register of World Heritage Sites. In this article we analyse the effect the World Heritage inscription has had on the development of this cultural property/archaeological site?. Several issues will be discussed: We will first analyse the effect the inclusion has had on research into on the rock art. Then, we discuss how some sites included in the ARAMPI have been enhanced as a cultural resource through the creation of various institutions and the establishment of several initiatives to give visibility to rock art. Finally, we will assess whether the inscription has helped the preservation of these rock art sites, especially in the light of the conservation procedures undertaken to enhance the visitor experience.

Keywords: Rock art, interpretation centre, tourism, UNESCO, World Heritage List

RESUMEN

El 2 de Diciembre de 1998 el Arte Rupestre del Arco Mediterráneo de la Península Ibérica (ARAMPI) fue declarado Patrimonio Mundial. En este artículo analizamos el efecto de su inclusión como Patrimonio Mundial ha tenido sobre el desarrollo de este tipo de bienes culturales/yacimientos arqueológicos. Se abordan diversas cuestiones: en primer lugar se analiza el efecto que esta inclusión ha tenido sobre la investigación del arte rupestre. Asimismo, se discute acerca de cómo los yacimientos incluidos en el ARAMPI han sido mejorados como recursos culturales a través de la creación de diferentes instituciones y del establecimiento de diversas iniciativas para hacerlo más visible. Finalmente, se evalúa si finalmente la inscripción ha ayudado de forma efectiva a la conservación de estos conjuntos arqueológicos, especialmente a la luz de los procedimientos de conservación emprendidos para mejorar la experiencia del visitante.

Palabras clave: Arte rupestre, centro de interpretación, turismo, UNESCO, Patrimonio Mundial
1 INTRODUCTION

It is often claimed that there is a direct relationship between the nomination of a place as a World Heritage Site and its transformation into a major tourist attraction (Huang 2012, Shackley 1998, Yang et al. 2010). Thus the substantial increase in economic benefits that usually comes with tourism may be behind an increasing interest shown by countries in having new sites nominated for the World Heritage List. However, in this article we argue that the connection between the nomination of a site as World Heritage and its transformation into a major tourist attraction needs to be nuanced. Whereas it may the case for some World Heritage Sites, the majority World Heritage Sites have failed to entice masses of tourists to visit them (e.g. Rodwell 2002; Buckley 2004; Rebanks 2009). While this contention is not entirely new (Buckley 2004; Rodwell 2002), we wish to explore the lack of a constant positive relationship between the inscription on the WH list and the transformation of a site into a major touristic attraction in relation to the Rock Art of the Mediterranean Basin on the Iberian Peninsula (ARAMPI). Far from being seen as necessarily a bad thing, we would like to suggest that limited success in terms of a dramatic increase in visitor numbers may be the best way of protecting the fragile rock art sites. This is not only important in the case of the ARAMPI, but for all rock art sites worldwide.

The aim of this article is to briefly analyse the impact that the inclusion of the Rock Art of the Mediterranean Basin (ARAMPI) on the World Heritage List has had on the sites included in the inscription in 1998. After a brief history of the inscription of rock art areas in the World Heritage List, several issues related to the ARAMPI will be discussed. We will first analyse the effect that this inscription has had on research on the site. Secondly, we will examine how it has been enhanced as a touristic and educational product through the creation of various institutions and the establishment of several initiatives to give it visibility. Finally, we will assess whether the World Heritage status has helped preserve these rock art sites, especially in the light of the conservation procedures undertaken to enhance the visitor experience.

2 ROCK ART AND THE WORLD HERITAGE LIST

Some commentators have mentioned that there is a bias on the World Heritage List towards monumental sites mainly placed in Europe. Rock art sites, however, do not comply with that definition and they may have represented from early days a way of balancing out the list. The Rock Art of the Mediterranean Basin, added to the World Heritage List in 1998, was not the first rock art to be included, as it had been preceded by sixteen other sites. When the Mesa Verde National Park was designated World Heritage in 1978 (the very first year in which properties were placed on the WH list), the petroglyphs in the park were automatically included. In 1979 prehistoric art was a key element behind two further inscriptions, the Decorated Caves of the Vézère Valley, including the Palaeolithic cave art of Lascaux, and the post-Palaeolithic rock carvings of Valcamonica. These additions to the list made rock art visible to the heritage authorities. Thus, the following year, 1980, a group of experts – François Leblanc (ICOMOS secretary), Raj Isar (UNESCO), Luis Monreal (ICOM) and Emmanuel Anati (Valcamonica) – agreed at an ICOMOS meeting in Warsaw to set up CAR, the Conseil pour l’Art Rupestre (CAR, Committee on Rock Art). It was chaired by Emmanuel Anati (1980-90), Jean Clottes (1990-99) and Ulf Bertilsson (since 2000), while the Spaniard, Antonio Beltrán, served as vice-president for many years (Anati, pers. comm. 20 Dec 2013).
Nuria Sanz Gallego, the rock art specialist in UNESCO, has claimed that properties with rock art have been encouraged on the list by three important decisions taken by the UNESCO authorities. The first was the inclusion in the Convention of the 'cultural landscapes' category in 1992, which made it easier to nominate this type of site for the WH list (Sanz Gallego 2008:53). The second dates to 1994, when the WH Committee launched its Global Strategy for a Representative, Balanced and Credible World Heritage List. The final decision came two years later, in 1996, when the UNESCO General Assembly included among its priorities the protection of rock art in the world, fostering in particular its inventory and conservation, the technical training of experts, the exchange of information and the creation of information for the public (Clottes 1999:9; Thiel 1998). However, looking at the pattern of inclusion of properties with rock art (Fig. 1), the effect of these decisions on the increase in rock art sites on the list is not immediately obvious. Rather, we observe that from the late 1970s new inscriptions have been added at an average rate of one rock art site or landscape per year, following a relatively constant pattern. However, the rock art sites on the list demonstrate that, in contrast to other types of property (Rodwell 2012:73), rock art has shown its potential to bring a more inclusive approach to World Heritage. Today, a quick count from the WH list published on the web indicates that there are 39 rock art sites and landscapes (3.8% of the 981 WH sites) located on all five continents. Almost a third of the sites are in Africa (12 – 30.77%), a quarter in Asia (9 – 23.08%), a fifth in Europe (8 – 20.51%) and America (7 – 17.95%) and a smaller percentage in Australia (3 – 7.69%). Of the total number of sites, 29 (74.36%) are cultural properties, whereas only one (2.56%) is a natural property, with the remaining nine (23.08%) being mixed sites.

Fig. 1.Pattern of inscriptions of World Heritage properties with rock art. The numbers refer to the number of rock art sites inscribed.

3 THE INSCRIPTION OF THE ROCK ART OF THE MEDITERRANEAN BASIN ON THE IBERIAN PENINSULA (ARAMPI) AND THE ACADEMIC RESPONSE

Prehistoric rock art has been known in Spain for about a hundred years (Diaz-Andreu 2012). Before this, and even since then, local communities considered the rock art to be little more than doodles, or perhaps some sort of old, but unimportant writing. Many of the site
names reflect that view (for example Cova Pintada, Letreros, Penya Escrita and so on). Despite this view, a large selection of these sites (currently 758) in the Mediterranean Basin on the Iberian Peninsula has been added to the World Heritage List. This took place on 2 December 1998, at the twenty-second session of the UNESCO World Heritage Committee held in Kyoto (Japan). The area was listed under Criterion (iii):

The corpus of late prehistoric mural paintings in the Mediterranean basin of eastern Spain is the largest group of rock-art sites anywhere in Europe and provides an exceptional picture of human life in a seminal period of human cultural evolution (UNESCO 1998:Annex 1, Page 31).

The nomination consisted of a large number of sites located in six autonomous communities (Andalusia, Aragon, Castile-La Mancha, Catalonia, the Region of Murcia and the Valencian Community) (out of the seventeen existing in Spain). An advisory board with representatives from all these six autonomous communities was formed to coordinate initiatives (Beltrán Martínez 1999:12; Hernández Pérez 2009:60). So, this coordination among different Autonomous Communities should be mentioned as the first impact the nomination had on the management of rock art in the ARAMPI area.

In academic terms, the inclusion of the ARAMPI on the World Heritage List has made an impact, although the long-term results have been mixed. The growing status of rock art sites has resulted in increased research interest. Results have been positive regarding publications resulting from congresses and PhDs. Key congresses have been organised (Hernández Pérez & Soler Díaz 2005; López Mira et al. 2009; Martínez García & Hernández Pérez 2013; Martínez García & Hernández Pérez 2006) and some conferences that were begun in 1999 are still held annually (e.g. Aparicio Pérez 2011; 2012; 2013). At least eleven PhDs have been written on the subject (Hernández Pérez 2009:62). Less fortunate were the two journals on rock art that appeared after 1998: the Boletín de Arte Rupestre de Aragón (BARA) and Cuadernos de Arte Rupestre (CAR). BARA has now been discontinued, perhaps because of the death in 2006 of its main instigator, Antonio Beltrán, and unfortunately this has come together with the closure of the rock art centre in Zaragoza that had been established to house Beltrán’s library and support his research. Meanwhile, Cuadernos de Arte Rupestre (title that can be translated as Journal of Rock Art), published by the now defunct Casa de Cristo, ceased publication in 2007 for a few years, but has now moved to a digital format as a cost saving measure. Similarly, the journal Panel, planned as a joint venture between all six autonomous regional communities, only managed to publish a single issue.

4 THE ESTABLISHMENT OF CULTURAL PARKS AND INTERPRETATION CENTRES

One of the immediate effects of the ARAMPI inscription was the establishment of cultural parks in the ARAMPI area and the opening of a series of interpretation centres. The cultural park concept was created by UNESCO (Collado Villalba 1998:45) in order to encourage the protection of large areas usually belonging to a variety of owners. Despite the fact that the ways this idea has been put in practice vary in the extreme (Alonso González 2013), in Spain cultural parks have become an effective tool for the holistic management of heritage and spaces while promoting sustainable development. In 1987, eleven years before the ARAMPI inscription, Prof. Antonio Beltrán alluded to several cultural parks with rock art already functioning in Italy (Naquane, Sondrio, Sellero, etc.), Mexico (Guerrero Negro in Baja California), the US (Utah) and Australia and explained that others were being set up in Lesotho and Tanzania (Beltrán Martínez 1987:73; Beltrán Martínez 1989:5). This was the context in which he mentioned plans for three in Spain – Valltorta, Vero and Albarracín – and argued that there should also be one in the Rio Martín area (Beltrán Martínez 1987:73, 76). In 1989, at a meeting specifically focusing on ‘Cultural Parks with Rock Art’ in Spain, key
papers were given on the second and third of these (Jornadas 1990). However, all these plans only came to fruition after the legal definition of cultural park had been established in each of the autonomous communities and also until the ARAMPI area was being proposed for inscription and especially it was inscribed. In the case of Aragon the parks were inscribed in December 1997 (Guix 2004:254). Funds, however, were not made available until the ARAMPI was added to the WH list. The cultural parks of Albarracín and Río Martín were made possible and in each of them an interpretation centre opened (Información 1999:95) (see, for a recent overview, Juste Arruga 2012). In Valencia, legislation governing cultural parks was passed in 1998 and led to the opening of the Valltorta-Gasulla Cultural Park in 2000 (Martínez Valle 2000).

There is a lack of research on when the first interpretation centres became a reality worldwide, but, as explained, in Spain most of them only appeared after the creation of cultural parks. The only similar centre opened before 1998 was the Altamira Research Centre (Centro de Investigación de Altamira) established in 1979 (Moure Romanillo 2006:101). Although cultural parks and interpretation centres usually go hand-in-hand, there are some parks without them, such as those of Maestrazgo in Aragon and Nerpio in Castile-La Mancha. In the ARAMPI area, closely connected with the inscription of the ARAMPI into the WH list, there are eleven rock art interpretation centres – three of them currently closed – and two rock art museums (Fig. 2). Interpretation centres aim to enhance the value (mise en valeur) of rock art among the local community, as well as to encourage research and preservation. In these eleven cases rock art is the main focus of the centre, although it is usually combined with other aspects such as landscape, fauna, flora and/or local customs – what about World Heritage? For example, in Andalusia the planned rock art interpretation centre of Vélez Blanco (Pérez Plaza 2009:181) has been opened as a visitor centre dealing with all the cultural and natural sites that can be visited in the local mountain range. In Aragon three of the four existing interpretation centres in rock art areas deal with rock art, although that of Maestrazgo does not (Table 1).

As explained, a quarter of the interpretation centres related to rock art are currently closed. The economic crisis has had a detrimental effect on the political willingness to make them a reality: planned centres that in 2008 were about to be opened, such as those of La Roca dels Moros in Cogul and Villar del Humo, have still to see the light of day (Castells Camp & Hernández Herrero 2009:2020; Viñas et al. 2012). What is worse is that the economic crisis has even led to the closure of some institutions. This is the case of the Casa de Cristo in Murcia, opened in 2007 and closed in 2013 (Mateo Saura 2013). In fact, this is happening all over Spain, regardless of whether the centres are related to rock art in the WH list or not. Thus, despite initial hopes, the lack of spectacular results in numbers of visitors seem to have made the authorities to realise that the WH listing is not going to have the expected impact.

Going against the trend, however, some centres in Aragon have recently been renovated (Fig. 3, Fig. 4). Moreover, in this autonomous community there are alternative centres in which new rock art routes are being set up, as is the case in the Matarraña/Mataranya district (comarca), where a non-guided hiking tour to the rock art sites of Roca dels Moros de Calapata, Els Gascons and La Fenellosa is facilitated by signposts and a guidebook (Bea 2012). In the Valencian Autonomous Community, the opening of the Museum of Valltorta has been followed more recently by the three other institutions dealing with rock art. These are the two autonomous communities that were investing more decisively in rock art even before the WH inscription.
Fig. 2. Map of the ARAMPI area with the locations of museums and visitor and interpretation centres.
<table>
<thead>
<tr>
<th>Cultural Park</th>
<th>Centre</th>
<th>Opened in</th>
<th>Location</th>
<th>Signposted routes</th>
<th>Guided tour</th>
<th>Guide book</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maestrazgo</td>
<td>no</td>
<td>-</td>
<td>-</td>
<td>yes</td>
<td>no</td>
<td>Bea 2012</td>
</tr>
<tr>
<td>Abrics de l’Ermita</td>
<td>yes</td>
<td>2005</td>
<td>Llidelona</td>
<td>yes</td>
<td>yes</td>
<td>García Rubert 2005</td>
</tr>
<tr>
<td>Muntanyes de Prades</td>
<td>yes</td>
<td>2005</td>
<td>Montblanc</td>
<td>no</td>
<td>no</td>
<td>Villes 2005</td>
</tr>
</tbody>
</table>

Fig. 3. Interpretation centres in Aragon and Catalonia

Fig. 4. Antonio Beltrán Martínez Interpretation centre, Añón (Teruel, Aragon)
It is difficult to compare the effect the opening of interpretation centres has had on public awareness of this rock art sites, and in particular on local appreciation of it, as there is no information relating to the period prior to their creation in either user-group. This is not uncommon (e.g. Buckley 2004). Some data are, however, available regarding number of visitors, which, according to unofficial accounts, are more likely to include people from outside the local community. In 2006, 21,000 people visited the Valltorta Museum, whereas the Casa de Cristo Interpretation Centre had only 8,814 visitors the following year (Minguéz García & San Nicolás del Toro 2008:147). For the years 2010-2012 we have further data relating to the L’Ermita Rock Art Interpretation Centre (CIAR) in Ulldécona (Fig. 5). They show that it attracts more visitors to the village than any of the other sites on offer in the area, despite it being a few kilometres from the urban centre. All comments made in publications, however, insist on the value of these centres as a way of boosting local economies and improving cultural life and pride in the area (Juste Arruga 2012:245-6). Nevertheless, we have found no data that indicate increased local appreciation of the rock art sites, although local children are a “captive” audience (Black 2012: 200) on school trips. Perhaps the lack of local interest is related to the few jobs involved in these interpretation centres – usually one or two. We should also mention the absence of strategies to encourage local communities to take pride in and have a sense of ownership of the rock art sites in their municipality.

![Graph showing tourist visits to Ulldécona attractions]

Fig. 5. Data on annual tourist visits to the four major attractions in Ulldécona. Data provided by the Ulldécona Tourist Information Office.

An easy way to compare the effect of the interpretation centres on the attractiveness of rock art as a tourist resource is to compare the reaction of the public in cases with and without them. This was the basis of the study undertaken by one of us (AV) in March 2013, when the rock art areas of Montblanc and Cogul were visited by the Friends of UNESCO group. Whereas in Montblanc, given the difficult access to the actual rock art sites, the visit only included the reproductions available in the Interpretation Centre, at Cogul visitors were able see the rock art imagery in situ (Latin term that means in the place, i.e. the rock art site itself). In fact, at the latter site they could not have chosen otherwise, as although the interpretation centre has been built, the exhibition remains to be set up, leaving visitors without the basic facilities. Interviews after the visit revealed that whereas there was a high level of satisfaction with Montblanc (more than 80% would definitely recommend others to visit it), only 14% of visitors to Cogul said they would recommend it. The answers to the remaining questions confirmed that the group was happier with the experience at Montblanc and showed their dismay at the experience provided by Cogul (Fig. 6). Perhaps the results
are not surprising, but show that visitors are more concerned with comfort and convenience than with experiencing 'authentic' heritage.

A/ Muntanyes de Prades Rock Art Interpretation Centre at Montblanc

B/ La Roca dels Moros at El Cogul

Fig. 6. Catalan Rock Art Sites Visitor Experience Evaluation Charts. Number of interviewees in both cases 28. A/ Montblanc. B/ La Roca dels Moros, Cogul

5 THE PREHISTORIC ROCK ART TRAIL AND OTHER INITIATIVES

Since 1998, the year in which the ARAMPI was inscribed onto the WH list, the establishment of interpretation centres has been accompanied by other initiatives designed to advertise rock art as a cultural product. One of the most important of these has been the creation of the Caminos de Arte Rupestre Prehistórico (CARP, Prehistoric Rock Art Trails). For a few years the project was supported by the European Network of First Inhabitants and Prehistoric Rock Art (Red Europea Primeros Pobladores y Arte Rupestre Prehistórico, REPPARP (Montes Barquin 2007)). The REPPARP consisted of forming a network of eight European regions in Spain and France to organise a rock art itinerary. It was funded by the ERDF (European Regional Development Fund) in 2005 and 2006 (Cantabria Rural ny). It has since been expanded (see, for example, in Catalonia (MAC na)) and was incorporated into the "The Council of Europe Cultural Routes" programme in 2010 (Council of Europe ny). The CARP website is hosted by Arqueotur (CARP ny).
Finally, it is necessary to mention other minor initiatives that have been funded thanks to sponsorship from the Ministry of Education, Culture and Sport for the conservation, protection and dissemination of World Heritage. For example, in 2012 a few rock art projects were funded under this call, including one by the municipalities of Alpera, Almansa and Ayora (www.arampi.es) and another by those of Jumilla, Moratalla, Yecla, Hellin and Nerpio (www.4darterupestrate.com). This sponsorship has also paid for some rock art research in Aragon, including the geometric recording of some sites (proyectoarami.tecnitop.com).

6 THE TENSION BETWEEN ENHANCING THE VISITOR EXPERIENCE AND PROTECTING THE ARAMPI ROCK ART

As we have seen from the figures, the number of visitors to the ARAMPI rock art sites comes nowhere near those seen at other World Heritage sites (Cleere 2012; Comer 2012) and therefore we are not dealing with problems of overcrowding. However, the ARAMPI area rock art has been affected by physical, chemical and biological agents, as well as by human action (Alloza Izquierdo et al. 2012; Viñas 2011). Vandalism problems started almost immediately after the art was discovered (Cabré 1923:110) and from early on (1942 in the case of Valltorta) many sites were protected with fences with some having a designated person responsible for supervising visitors (Montes Barquín 2012). The new value given to rock art after the ARAMPI’s inclusion on the World Heritage List led to a rethink into how to protect the sites. This is particularly evident in the renovation of the fences that safeguard the sites (Giménez Belló & San Nicolás del Toro 2009; Millán Pascual 2012), although some voices have also been raised against them (Fernández Moreno et al. 2012:163-4). The new appearance is also seen as having had the effect of attracting larger numbers of tourists (Gámez Milanés 2009:264) (but see comments on visitor numbers above).

One of the actions taken to make the rock art more attractive to visitors has been to clean the paintings (Guillamet 2000; Guillamet 2012). Thanks to this, many of the motifs that had been obscured by layers of both a natural and an anthropic nature are now visible. Reports on the interventions are always submitted to the autonomous regional authorities (Guillamet 2012:124), but they remain unpublished and, as they have all been undertaken by the same team, there has been no discussion of the practices followed. This has caused alarm in some quarters (Viñas 2011:37) – which? and some have expressed concern at the fact that some (but not all, as this effect has not been noticed in Aragon) of the cleaned surfaces seem to be reacting by taking on a darker colour and a new shiny layer. There is also concern regarding the future effects this may have on the AMS dating of the oxalate crust, which is impossible after cleaning has taken place (Viñas 2011:37). Concerns about rock art preservation are present worldwide (Loubser 2001; Mandt et al. 1992; Thorn & Brunet 1995), but perhaps the most important guideline in this respect is that we should not “perform pioneering and irreversible experiments directly on the rock art panels” (Bakkevig in Goldhahn 2005:59). As also appears to be the case in other countries (Gustafsson & Karlsson 2004:35), self-critical discussion regarding conservation practices in the ARAMPI context seems to be absent. One of UNESCO’s roles is “to encourage the identification, protection and preservation of cultural and natural heritage around the world” (UNESCO 1972), perhaps it would be ideal if UNESCO was more proactive in encouraging discussions about rock art conservation practices in rock art areas inscribed on the WH list (see also Rebanks 2009:9).
7 CONCLUSION

The rock art of the eastern Iberian Peninsula has been known for more than a century and from very early on issues of protection and presentation to the public have been part of the agenda. Its inscription on the World Heritage List in 1998, however, helped local authorities (i.e. the autonomous regional communities and provincial and municipal administrations) recognise the value of this heritage and to invest in it to levels never before seen. Thus, as explained in this article, the long-vandalised rock art panels were finally cleaned (although not to everyone’s taste), while cultural parks and new interpretation centres were opened, and new initiatives such as the Prehistoric Rock Art Trail were started. At the same time, rock art sites were protected with new state-of-the-art fences and studies of them became available in up-to-date guidebooks.

Behind this investment there may have been a belief in the immediate effect that designation as a World Heritage site usually has on turning a cultural product into a phenomenally successful asset. As explained at the start of this article, this is a common occurrence at WH sites, much to the regret of those who really care about preserving the spirit of place. A quick look at the list of massively successful WH sites immediately shows that they are normally monumental in nature. This is obviously not the case of rock art, which is not only not monumental, but is also usually located in very isolated areas. This is precisely why heritage authorities are interested in promoting it, because such locations are normally in need of economic incentives. In Spain it seems that the authorities’ expectation that rock art would boost the local economies may explain the large amounts of funding provided in the years immediately following the inscription. Later, however, the absence of obvious economic results in the middle of the economic crisis brought an end to some of these initiatives. This has been particularly true in autonomous regions without a tradition of appreciating their rock art and may also explain why Aragon and the Valencian Community are still very much financing new projects. How much of a success or a failure the conversion of rock art into a cultural asset has been is, however, uncertain, as we are still lacking actual statistics and an economic analysis. The ARAMPI does not appear to be unique in this situation (Cellini 2011; Rebanks 2009:7, although see Hall & Piggin 2002; Morere Molinero & Jiménez Guijarro 2007). We would like to argue that it would be helpful to undertake a study of how rock art centres and all the other initiatives taken since 1998 have contributed financially to enhancing local economies. In this study it would be useful to compare the six autonomous regional communities involved in the ARAMPI inscription, as well as the whole area and other WH rock art locations in the world, such as Tanum in Sweden or Alta in Norway. It may also be valuable to assess how aware the local populations are that the ARAMPI has been included in the World Heritage List and why (for an example of this see Hølleland 2013).

Many have pointed out the bias of the World Heritage List towards architectural heritage (for example Rodwell 2012: 72). Perhaps we finally have to accept that this is the type of heritage tourists are attracted to. In the new world of the commercialisation of culture, we should acknowledge that rock art has a lesser value in the eyes of the public than monumental heritage. This may not necessarily be damaging. Masses of tourists would certainly threaten fragile rock art landscapes and would detract from experiencing the place and trying to understand how prehistoric peoples made use of it. Perhaps the success of rock art as a cultural product has been the best we could have hoped, for its own sake. We cannot avoid the commercialisation of culture, including rock art, but we can perhaps be thankful that it has only been mildly economically sustainable.

ACKNOWLEDGEMENTS
Our thanks to the interpretation centre managers who provided data for this article: Agustí Vericat (Ulldecona), Ramón Viñas (Montblanc), Luis Martínez (Albarracín Cultural
Park) and José Royo (Rio Martín Cultural Park). We have also received information from Emmanuel Anati, Gabriel García Atiñzar, Miguel Ángel Mateo Saura and Juan Francisco Ruiz López. This article is related to the research project MINECO-Ministerio de Economía y Competitividad, Plan Nacional I+D+i retos “Acciones de Programación Conjunta Internacional” Ref. PCIN-2013-036, connected to the JPI project “Heritage Values Network” (JPI Cultural Heritage). An initial version was given as a paper at the conference “Between Dream and Reality: Debating the impact of World Heritage Listing”, University of Oslo, 14-15th November 2013

REFERENCES


Clottes, J. 1999 La UNESCO y el arte rupestre. BARA. Boletín de Arte Rupestre de Aragón 2, pp. 9-10.

Collado Villalba, O. 1998 El parque Cultural de Albarracín. BARA. Boletín de Arte Rupestre de Aragón 1, pp. 41-59.


Goldhahn, J. 2005 We paint and we are proud of it. Norwegian Archaeological Review 38(1), pp. 55-60.


Hernández Pérez, M.S. 2009 Arte rupestre Postpaleolítico en el Arco Mediterráneo de la Península Ibérica: balance de 10 años de descubrimientos y estudios. In El arte


Información 1999 Información. BARA. Boletín de Arte Rupestre de Aragón 2, pp. 95-97.


