



NATURA 2000 - STANDARD DATA FORM

For Special Protection Areas (SPA),
Proposed Sites for Community Importance (pSCI),
Sites of Community Importance (SCI) and
for Special Areas of Conservation (SAC)

SITE PTMAD0014

SITENAME Machico

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1. SITE IDENTIFICATION

1.1 Type B	1.2 Site code PTMAD0014	Back to top
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1.3 Site name

Machico

1.4 First Compilation date 2015-12	1.5 Update date -
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1.6 Respondent:

Name/Organisation:	Secretaria Regional do Ambiente e Recursos Naturais
Address:	Rua Dr. Pestana Júnior n.º 6, 5.º Andar 9064-506 Funchal
Email:	gabinete.sra@madeira.gov.pt

Date site proposed as SCI:	2015-12
Date site confirmed as SCI:	No data
Date site designated as SAC:	No data
National legal reference of SAC designation:	No data

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

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B	A364	carduelis			0	0	P						X
B	A206	Columba livia			0	0	P						X
P		Davallia canariensis			0	0	C						X
I		Discula polymorpha polymorpha			0	0	P				X		
B	A269	Erithacus rubecula			0	0	P						X
P		Euphorbia piscatoria			0	0	C				X		
B	A096	Falco tinnunculus			0	0	P						X
P		Fissidens coacervatus			0	0	P			X	X		
P		Globularia salicina			0	0	C						X
I		Hadrus carbonarius			0	0	P				X		
I		Hogna insularum			0	0	P				X		
B	A604	Larus michahellis			0	0	P						X
I		Leiostylia recta			0	0	P				X		
I		Leptaxis groviana groviana			0	0	P				X		
P		Olea maderensis			0	0	V				X		
P		Polypodium macaronesicum			0	0	C						X
I		Pyrgella leacockiana			0	0	R				X		
P	1651	Sideroxylon marmulano			0	0	P	X			X		
P		Sonchus ustulatus			0	0	C				X		
B	A209	Streptopelia decaocto			0	0	P						X
R		Teira dugesii dugesii			0	0	P	X			X		
P		Tolpis succulenta			0	0	C						X
B	A213	Tyto alba			0	0	P						X

- **Group:** A = Amphibians, B = Birds, F = Fish, Fu = Fungi, I = Invertebrates, L = Lichens, M = Mammals, P = Plants, R = Reptiles
- **CODE:** for Birds, Annex IV and V species the code as provided in the reference portal should be used in addition to the scientific name
- **S:** in case that the data on species are sensitive and therefore have to be blocked for any public access enter: yes
- **NP:** in case that a species is no longer present in the site enter: x (optional)

- **Unit:** i = individuals, p = pairs or other units according to the standard list of population units and codes in accordance with Article 12 and 17 reporting, (see [reference portal](#))
- **Cat.:** Abundance categories: C = common, R = rare, V = very rare, P = present
- **Motivation categories:** **IV, V:** Annex Species (Habitats Directive), **A:** National Red List data; **B:** Endemics; **C:** International Conventions; **D:** other reasons

4. SITE DESCRIPTION

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4.1 General site character

Habitat class	% Cover
N08	100.0
Total Habitat Cover	100

Other Site Characteristics

É imperativo destacar que este sítio alberga fundamentalmente tipos de habitat fortemente fragmentados e ameaçados, característicos das cotas mais baixas, tendo sido alguns dos habitats terrestres que mais foram impactados pelas atividades humanas desde o início do século XV até à atualidade. Neste sítio são observadas genericamente comunidades que se integram no complexo de vegetação climatófila [séries de vegetação] denominado Mayteno umbellatae-Oleo maderensis sigmetum [série do zambujal madeirense]: 1) O clímax (Mayteno umbellatae- Oleetum maderensis) (inclui-se no habitat 9320) corresponde a micro-bosques ou matagais infra-florestais dominados por arbustos paleomediterrânicos esclerófilos, xerofíticos e termófilos como sejam *Olea maderensis*, *Maytenus umbellata*, *Chamaemeles coriacea*, *Dracaena draco*, e *Asparagus scoparius*; 2) O mato de substituição (inclui-se no habitat 5330) do Mayteno-Oleetum maderensis é maioritariamente, em solos medianamente profundos menos erodidos e solos agrícolas abandonados, a comunidade de figueira-do-inferno (*Euphorbietum piscatoriae*).

4.2 Quality and importance

Assegurar a sobrevivência a longo prazo dos habitats 5330, 9320 e 9360, bem como das espécies respetivas, em particular de *Olea maderensis*. Os táxones seguintes: *Apollonias barbujana*, *Davallia canariensis*, *Globularia salicina*, *Polypodium macaronesticum*, *Tolpis succulenta*, são incluídos na lista de espécies no campo 3.3 pelo facto de se constituírem como elementos estruturantes dos dois habitats predominantes neste Sítio, para além de todos eles serem táxones endémicos da Macaronésia à exceção de *Davallia canariensis* e *Polypodium macaronesticum*.

4.3 Threats, pressures and activities with impacts on the site

The most important impacts and activities with high effect on the site

Negative Impacts			
Rank	Threats and pressures [code]	Pollution (optional) [code]	inside/outside [i o b]
M	G01.03.02		i
M	I01		i
L	J01.01		i
M	K01.01		i
M	K03.04		i
L	A01		i

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside/outside [i o b]

Rank: H = high, M = medium, L = low

Pollution: N = Nitrogen input, P = Phosphor/Phosphate input, A = Acid input/acidification,

T = toxic inorganic chemicals, O = toxic organic chemicals, X = Mixed pollutions

i = inside, o = outside, b = both

4.5 Documentation

Borges, P.A.V., Abreu, C., Aguiar, A.M.F., Carvalho, P., Jardim, R., Melo, I., Oliveira, P., Sérgio, C., Serrano, A.R.M. & Vieira, P. (eds.) (2008). A list of the terrestrial fungi, flora and fauna of Madeira and Selvagens archipelagos. Direcção Regional do Ambiente da Madeira and Universidade dos Açores, Funchal and Angra do Heroísmo. Cameron RAD, Cook LM (2001). Madeiran snails: Faunal differentiation on a small island, *Journal of Molluscan Studies*, 67:257-267. Cook LM, Cameron RAD, Lace LA (1990). Land snails of eastern Madeira: speciation, persistence and colonization, *Proceedings of the Royal Society B*, 239:35-79. Costa, J. C., J. Capelo, R. Jardim, M. Sequeira, D. Espírito-Santo, M. Lousã, S. Fontinha, C. Aguiar & S. Rivas-Martínez. 2004. Catálogo sintaxonómico e florístico das comunidades vegetais da Madeira e Porto Santo José Carlos. *Quercetea* 6: 61-187 Jardim, R. & M.M. Sequeira. 2011. *Sonchus parathalassius* J.G. Costa ex R. Jardim & M. Seq., a new species from Porto Santo Island (Madeira Archipelago). *Silva Lusitana* 19(2): 233 – 245. Rivas-Martínez, S., F. Fernández-González, J. Loidi, M. Lousã & A. Penas. 2002. *Olea maderensis* (Lowe) Rivas Mart. & Del Arco comb. nov., p. 705. IN: *Vascular Plant Communities of Spain and Portugal Addenda to the Syntaxonomical Checklist of 2001*. *Itinera Geobotanica* 15(2): 433-922. Seddon MB (2008). An illustrated compendium of the landsnails and slugs of the Madeiran archipelago. *Studies in Biodiversity and Systematics of Terrestrial Organisms from the National Museum of Wales, Biotir Reports*. Seddon MB (2013). *Actinella arcta*. The IUCN Red List of Threatened Species 2013: e.T157099A5035077. <http://dx.doi.org/10.2305/IUCN.UK.2011-1.RLTS.T157099A5035077.en>. Seddon MB (2013). *Actinella nitidiuscula*. The IUCN Red List of Threatened Species 2013: e.T157055A5042372. <http://dx.doi.org/10.2305/IUCN.UK.2011-1.RLTS.T157055A5042372.en>. Seddon MB (2013). *Discula polymorpha*. The IUCN Red List of Threatened Species 2013: e.T156868A5009887. <http://dx.doi.org/10.2305/IUCN.UK.2011-1.RLTS.T156868A5009887.en>. Seddon MB (2013). *Leiostyla recta*. The IUCN Red List of Threatened Species 2013: e.T171238A6799571. <http://dx.doi.org/10.2305/IUCN.UK.2011-1.RLTS.T171238A6799571.en>. Seddon MB (2013). *Leptaxis groviana*. The IUCN Red List of Threatened Species 2013: e.T156493A4953615. <http://dx.doi.org/10.2305/IUCN.UK.2011-1.RLTS.T156493A4953615.en>.

6. SITE MANAGEMENT

6.2 Management Plan(s):

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An actual management plan does exist:

<input type="checkbox"/>	Yes
<input type="checkbox"/>	No, but in preparation
<input checked="" type="checkbox"/>	No

7. MAP OF THE SITES

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INSPIRE ID:

Map delivered as PDF in electronic format (optional)

Yes No

Reference(s) to the original map used for the digitalisation of the electronic boundaries (optional).