



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 MT0000017
SITENAME Kemmuna u l-Gzejjer ta' Madwarha

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1. SITE IDENTIFICATION

1.1 Type C	1.2 Site code MT0000017	Back to top
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1.3 Site name

Kemmuna u l-Gzejjer ta' Madwarha

1.4 First Compilation date 2004-04	1.5 Update date 2019-09
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1.6 Respondent:

Name/Organisation:	Environment and Resources Authority
Address:	Hexagon House, Spencer Hill, Marsa MRS 1441
Email:	natura2000@era.org.mt

1.7 Site indication and designation / classification dates

Date site classified as SPA:	2004-04
National legal reference of SPA designation	Government Notice No. 112 of 2007, in accordance with the Flora, Fauna and Natural Habitats Protection Regulations, 2016 (S.L. 549.44)
Date site proposed as SCI:	2004-04
Date site confirmed as SCI:	2008-03
Date site designated as SAC:	2016-12
National legal reference of SAC designation:	Government Notice No. 1379 of 2016, in accordance with the Flora, Fauna and Natural Habitats Protection Regulations, 2016 (S.L. 549.44)

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

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Longitude 14.3363 **Latitude** 36.0129

B	A243	brachydactyla			r				P	P	B	C	C	C
B	A243	Calandrella brachydactyla			c				P	P	B	C	C	C
B	A010	Calonectris diomedea			r	15	20	p		G	C	B	C	B
B	A081	Circus aeruginosus			c				P	P	C	C	C	C
B	A096	Falco tinnunculus			c				P	P	C	C	C	C
B	A097	Falco vespertinus			c				P	P	C	C	C	C
P	4114	Linaria pseudolaxiflora			p				P	P	B	C	A	A
B	A073	Milvus migrans			c				P	P	C	C	C	C
M	5005	Myotis punicus			p				P	DD	C	C	A	C
P	4105	Ophrys melitensis			p				P	P	B	B	A	B
B	A464	Puffinus yelkouan			r	50	80	p		G	B	B	C	B
M	1303	Rhinolophus hipposideros			p				P	DD	C	C	A	C
B	A351	Sturnus vulgaris			c				P	P	C	C	C	C
B	A303	Sylvia conspicillata			c				P	P	C	C	C	C
B	A305	Sylvia melanocephala			c				P	P	C	C	C	C

- **Group:** A = Amphibians, B = Birds, F = Fish, I = Invertebrates, M = Mammals, P = Plants, R = Reptiles
- **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)
- **Type:** p = permanent, r = reproducing, c = concentration, w = wintering (for plant and non-migratory species use permanent)
- **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](#))
- **Abundance categories (Cat.):** C = common, R = rare, V = very rare, P = present - to fill if data are deficient (DD) or in addition to population size information
- **Data quality:** G = 'Good' (e.g. based on surveys); M = 'Moderate' (e.g. based on partial data with some extrapolation); P = 'Poor' (e.g. rough estimation); VP = 'Very poor' (use this category only, if not even a rough estimation of the population size can be made, in this case the fields for population size can remain empty, but the field "Abundance categories" has to be filled in)

3.3 Other important species of flora and fauna (optional)

4. SITE DESCRIPTION

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4.1 General site character

Habitat class	% Cover
N18	0.11
N03	0.18
N05	10.49
N17	0.57
N06	0.25
N09	1.37
N23	7.78
N27	1.21
N04	0.04
N08	78.0
Total Habitat Cover	100

4.2 Quality and importance

Kemmuna is a small island lying mid-way between Malta and Gozo; surrounded by a number of small islets known as Kemmunett, Il-Ħaġriet ta' bejn il-Kmiemen and l-Iskoll ta' Taħt il-Mazz. The cliff sides on the southern and eastern areas of Kemmuna are characterised by scarps and boulders. The cliffs support *Senecio leucanthemifolius*, a very rare species having a restricted distribution in the Maltese Islands, which is also protected under national legislation. The cliffs are colonised by typical rupestral vegetation which characterises habitats of Calcareous

rocky slopes with chasmophytic vegetation. The coastline between the northern and western areas of Kemmuna is indented with coves and inlets. The sea caves of Kemmuna apparently support small colonies of bats. The national distribution range for *Pipistrellus kuhli* - classified as rare under the national RDB, *Pipistrellus pygmaeus*, and the *Plecotus austriacus* - classified as vulnerable under the national RDB, covers also Kemmuna apart from Gozo and Malta. Bats are protected through national legislation. The rocky coast of the islands supports a number of national RDB species such as *Anthemis urvilleana*, a low-growing endemic, and *Plantago crypsoides*. Other species include the *Limonium virgatum* - listed in the national RDB as rare with a restricted distribution in the Maltese Islands, *Limonium melitensis*, *Limonium zeraphae* - a rare endemic species, and *Crucianella rupestris*. Also present is *Sedum litoreum* which is frequent in rocky parts along the coast. The West Mediterranean clifftop phrygas (*Astragalo-Plantaginetum subulatae*) and the Thermo-Mediterranean and pre-desert scrub, which dominate the surface of Kemmuna, are dominated by *Anthyllis hermanniae* and *Euphorbia melitensis*; as well as labiate garrigue species such as *Teucrium fruticans*. The garrigue supports a number of endemic species, which include *Chiliadenus bocconeii*, *Allium lojaconoi* and *Anacamptis urvilleana*, which is listed in the national RDB, since it is a rare species of orchid with a restricted distribution in the Maltese Islands. The latter is also protected through national legislation. Other species that inhabit these habitat type include: *Periploca angustifolia*, *Convolvulus oleifolius*, *Sedum caeruleum*, *Euphorbia exigua* var. *pyncophylla*, *Hedysarum spinosissimum*, *Satureja microphylla*, *Thymbra capitata*, *Allium melitense*, *Euphorbia melitensis*, and *Scilla sicula*. Most of these species are afforded legal protection or listed in the national RDB due to their restricted nature or their endemism. The few rock pools in the karstland support the endemic *Zannichellia melitensis*. It is legally protected and listed in the national RDB because it is rare with a restricted distribution in the Maltese Islands, since it is normally confined to pools on rocky ground. *Branchipus* sp. is another characteristic species of such rock pools. This taxon is also included in the national RDB, also due to its restricted distribution and rarity in the Maltese Islands. It should be noted that the mapping for Mediterranean temporary ponds has not been fully comprehensive. This is because there are only a few interspersed rockpools in the site despite the presence of limestone. An area has been marked under this habitat type at the area of Tal-Bieqa, which approximately indicates the area where a number of rock pools are found. A small area of Kemmuna and Kemmunett is also characterised by Pseudo-steppe with grasses and annuals of the Thero-Brachypodietea, with *Brachypodium retusum* typifying these areas. In addition, small areas around Kemmuna are also covered by maquis dominated by *Olea europaea* and *Ceratonia siliqua* - hence making these areas *Olea* and *Ceratonia* forests. Both these typical species protected under national legislation. In addition, these areas also contain *Pistacia lentiscus*, which is also protected under national legislation, as well as *Teucrium flavum* and *Lonicera implexa*. Many rare and threatened species are also known from the islet of Kemmunett, including *Anacamptis urvilleana* and the national RDB-listed *Mesembryanthemum crystallinum*.

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	B01.02		i
H	E02.03		i
H	J02.11		i
M	I01		i
H	G05.01		b
H	D01.01		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

4.4 Ownership (optional)

4.5 Documentation

5. SITE PROTECTION STATUS (optional)

5.1 Designation types at national and regional level:

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5.2 Relation of the described site with other sites:

5.3 Site designation (optional)

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the site management:

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Organisation:	Environment and Resources Authority
Address:	

Email: natura.2000@era.org.mt

6.2 Management Plan(s):

An actual management plan does exist:

<input checked="" type="checkbox"/> Yes	Name: Kemmuna u l-Gzejjer ta' Madwarha Link: https://era.org.mt/en/Pages/Natura-2000-Management-Planning.aspx
<input type="checkbox"/> No, but in preparation	
<input type="checkbox"/> No	

6.3 Conservation measures (optional)

7. MAP OF THE SITES

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INSPIRE ID: MT.ERA.MT0000017

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).

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