

2.2 Area [ha]:

20.81

2.3 Marine area [%]

0.0

2.4 Sitelength [km]:

0.0

2.5 Administrative region code and name

NUTS level 2 code

Region Name

LU00	Luxembourg (Grand-Duché)
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2.6 Biogeographical Region(s)

Continental (100.0
%)

3. ECOLOGICAL INFORMATION

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3.1 Habitat types present on the site and assessment for them

Annex I Habitat types						Site assessment			
Code	PF	NP	Cover [ha]	Cave [number]	Data quality	A B C D	A B C		
						Representativity	Relative Surface	Conservation	Global
8310					P	B	C	B	A

- **PF:** for the habitat types that can have a non-priority as well as a priority form (6210, 7130, 9430) enter "X" in the column PF to indicate the priority form.
- **NP:** in case that a habitat type no longer exists in the site enter: x (optional)
- **Cover:** decimal values can be entered
- **Caves:** for habitat types 8310, 8330 (caves) enter the number of caves if estimated surface is not available.
- **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)

3.2 Species referred to in Article 4 of Directive 2009/147/EC and listed in Annex II of Directive 92/43/EEC and site evaluation for them

Species					Population in the site						Site assessment			
G	Code	Scientific Name	S	NP	T	Size		Unit	Cat.	D. qual.	A B C D	A B C		
						Min	Max				Pop.	Con.	Iso.	Glo.
M	1308	Barbastella barbastellus			w				V	G	A	B	A	A
M	1308	Barbastella barbastellus			c				V	G	A	B	A	A
B	A215	Bubo bubo			p	1	1	p		M	A	B	C	A
B	A264	Cinclus cinclus			p					M	C	B	C	B
M	1323	Myotis bechsteinii			w				R	G	C	B	C	A
M	1323	Myotis bechsteinii			c				R	G	C	B	C	A
M	1321	Myotis emarginatus			w	12	20	i		G	C	B	B	B
M	1321	Myotis emarginatus			c				P	M	C	B	C	B
M	1324	Myotis myotis			w	10	50	i	P	M	C	B	C	B
M	1324	Myotis myotis			c				R	G	C	B	C	A
B	A235	Picus viridis			p	1	2	p		M	C	B	C	B
M	1304	Rhinolophus ferrumequinum			w				V	G	B	C	A	A

M	1304	Rhinolophus ferrumequinum			c				V	G	B	C	A	A
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- **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)

Species					Population in the site				Motivation					
Group	CODE	Scientific Name	S	NP	Size		Unit	Cat.	Species Annex		Other categories			
					Min	Max		C R V P	IV	V	A	B	C	D
M	1320	Myotis brandtii						P	X		X			
M	1331	Nyctalus leisleri						P	X		X			
M	1312	Nyctalus noctula						P	X		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

4.1 General site character

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Habitat class	% Cover
N20	6.04
N26	20.77
N08	10.62
N14	30.26
N17	4.45
N16	16.1
N23	6.7
N21	5.06
Total Habitat Cover	100.00000000000001

Other Site Characteristics

1.1 SituationLe site couvre une ancienne carrière de dolomie près de Wasserbillig.1.2 Milieu physiqueLe sud du site est formé par des terrasses fluviales sans différenciation chronologique.Dans la partie nord du site (carrière) affleurent les couches à entroques et à Ceratites du Muschelkalk.Les argilo-caillouteux à charge dolomitique, non gleyifiés, à horizon B structural couvrent le nord et les sols sablo-limoneux et limoneux, non gleyifiés à modérément gleyifiés le sud de la zone.1.3 Occupation du solLes territoires agricoles constitués par des prairies (86%) et des vergers (14%) couvrent 1/3 du site. La forêt occupe 1/2 du site et la végétation arbustive environ 5%.La carrière de dolomie occupe une surface de presque un hectare sur le site.

4.2 Quality and importance

Intérêts selon la directive "Habitats" Le site fait partie des cinq sites proposés comme réserve chiroptérologique pour la conservation d'espèces de chiroptères de l'annexe II de la directive Habitats définis dans le cadre du programme CEE de l'APTCS (Association pour la protection transfrontalière des chauves-souris). Il s'agit d'un site d'hibernation très important pour les cinq espèces de chauves-souris de l'annexe II observées et probablement le dernier pour la Barbastelle (*Barbastella barbastellus*). Ce site constitue également un site de transit, site de mâles et site de reproduction (gîtes d'accouplement) du Grand Rhinolophe (*Rhinolophus ferrumequinum*).

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]
L	D01.02		i
L	D01.05		i
H	E03.03		i
H	C01.01.01		i

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside /outside [i o b]
H	C01.01.01		i

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)

Règlement grand-ducal du 6 novembre 2009 portant désignation des zones spéciales de conservation.

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the site management:

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6.2 Management Plan(s):

An actual management plan does exist:

<input checked="" type="checkbox"/> Yes	Name: Wasserbillig - Carrière de Dolomie Link: http://data.legilux.public.lu/file/eli-etat-adm-amin-2018-10-11-b3529-jo-fr-pdf.pdf
<input type="checkbox"/> No, but in preparation	
<input type="checkbox"/> No	

6.3 Conservation measures (optional)

Principes de gestion Les principes de gestion à appliquer ne peuvent être établis qu'après des études approfondies concernant les populations de chiroptères présentes. Il faudra notamment déterminer les terrains avoisinants les plus importants pour la survie des espèces. Si cela s'avèrerait nécessaire, des contrats d'extensification pourront être conclus avec les exploitants agricoles des zones les plus importantes.

7. MAP OF THE SITES

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INSPIRE ID:

LU.MDDI.LU0001034

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).