



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 LU0001008

SITENAME Vallée de la Sûre moyenne de Esch/Sûre à Dirbach

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1. SITE IDENTIFICATION

| | |
|-----------------|--|
| 1.1 Type | 1.2 Site code Back to top |
| B | LU0001008 |

1.3 Site name

Vallée de la Sûre moyenne de Esch/Sûre à Dirbach

| | |
|-----------------------------------|------------------------|
| 1.4 First Compilation date | 1.5 Update date |
| 1996-11 | 2012-09 |

1.6 Respondent:

Name/Organisation: Gilles Biver / Ministère du Développement durable et des Infrastructures
Département de l'environnement

Address: 4, Place de l'Europe L-1499 Luxembourg

Email: gilles.biver@mev.etat.lu

1.7 Site indication and designation / classification dates

| | |
|--|---------|
| Date site classified as SPA: | 0000-00 |
| National legal reference of SPA designation | No data |
| Date site proposed as SCI: | 1998-12 |
| Date site confirmed as SCI: | 2004-12 |
| Date site designated as SAC: | 2009-11 |

Règlement grand-ducal du 6 novembre 2009 portant désignation des zones spéciales de conservation. (Mém. A - 220 du 17 novembre 2009, p. 3834)

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49.9031

0.0

0.0

Luxembourg (Grand-Duché)

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[illegible]

| | | | | | | | | | |
|------|--|--|-------|--|---|---|---|---|---|
| 8220 | | | 1.2 | | M | A | B | A | A |
| 8230 | | | 0.08 | | M | A | B | A | A |
| 9110 | | | 19.78 | | G | C | C | B | B |
| 9130 | | | 1.6 | | G | C | C | C | C |
| 9180 | | | 2.74 | | G | C | C | C | C |

- **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. |
| B | A085 | Accipiter gentilis | | | p | 1 | 1 | p | | M | C | B | C | B |
| B | A104 | Bonasa bonasia | | | p | | | | R | M | A | B | C | B |
| I | 1078 | Callimorpha quadripunctaria | | | p | | | | R | M | B | B | C | A |
| F | 1163 | Cottus gobio | | | p | | | | C | M | C | B | C | B |
| B | A236 | Dryocopus martius | | | p | | | | R | M | C | B | C | C |
| F | 1096 | Lampetra planeri | | | p | | | | R | M | B | B | C | B |
| M | 1355 | Lutra lutra | | | p | | | | V | M | B | B | A | B |
| B | A074 | Milvus milvus | | | r | 1 | 3 | i | | M | C | B | C | B |
| F | 1106 | Salmo salar | | | p | | | | P | P | A | B | C | B |
| P | 1421 | Trichomanes speciosum | | | p | | | | R | P | B | B | B | B |

- **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 | | Felis silvestris | | | | | | P | | | X | | | |
| I | | Onychogomphus forcipatus | | | | | | P | | | X | | | |
| M | | Plecotus austriacus | | | | | | P | | | X | | | |
| P | | Schistidium strictum | | | | | | 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 | 2.47 |
| N17 | 12.66 |
| N21 | 0.27 |
| N15 | 5.62 |
| N06 | 4.82 |
| N19 | 2.12 |
| N10 | 0.75 |
| N22 | 0.2 |
| N23 | 2.35 |
| N16 | 51.79 |
| N26 | 5.65 |
| | |

| | |
|---------------------|--------------------|
| N14 | 11.3 |
| Total Habitat Cover | 100.00000000000001 |

Other Site Characteristics

1.1 Situation Le site couvre la vallée et les versants de la Sûre entre Esch/Sûre et Dirbach. 1.2 Milieu physique Le substrat géologique est caractérisé par l'alternance des couches de l'Emsien inférieur composées des schistes dit de Stolzenbourg, bien stratifiés avec de rares bancs de grès quartzeux et quartzophyllades et des couches du Siegenien supérieur, composées de schistes compacts, grossiers et mal stratifiés avec de rares bancs de grès argileux. Le versant est couvert par des sols limono-caillouteux à charge schisto-phylladeuse, non gleyifiés. Sur les fonds de vallées reposent les alluvions. 1.3 Occupation du sol Les versants de la vallée de la Sûre sont occupés par la forêt (3/4 de la surface du site). La forêt feuillue couvre 210 ha soit plus de 2/3 % des surfaces boisées essentiellement formées (90%) par des taillis de chênes. Les territoires agricoles, situé en fond de vallée et sur les pentes les moins abruptes, couvrent 18 % de la zone.

4.2 Quality and importance

Intérêts selon la directive "Habitats" Le site abrite 9 types d'habitats de l'annexe I. L'intérêt du site repose sur la présence des types d'habitats liés aux rochers siliceux. Ce site constitue également un couloir écologique reliant les sites 'Vallée supérieure de la Sûre - Lac du Barrage' (LU0001007) et 'Vallées de la Sûre, de la Wiltz, de la Clerve et de la Lellgerbaach' (LU0001006). La qualité de l'eau et l'état "naturel" de la Sûre sont indispensables pour la reproduction de plusieurs espèces de poissons, dont potentiellement le Saumon (*Salmo salar*), récemment réintroduit au Luxembourg. A noter également la présence d'une zone abritant l'espèce prioritaire *Callimorpha quadripunctaria*, qui trouve dans ce site et surtout dans le site voisin 'Vallées de la Sûre, de la Wiltz, de la Clerve et de la Lellgerbaach' (LU0001006) les conditions les plus intéressantes pour tout le pays. Intérêts selon la directive "Oiseaux" La zone est entièrement incluse dans la ZICO n° 3 (Région de la Haute Sûre).

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] |
| H | G02.08 | | i |
| M | B02.04 | | i |
| L | F02.03 | | i |
| H | G01.01 | | i |
| M | A08 | | i |
| M | A03 | | i |
| M | A10.01 | | i |
| M | B01.02 | | i |
| H | K02.03 | | i |
| M | B02 | | i |
| M | A04 | | i |

| Positive Impacts | | | |
|------------------|-------------------------------|-----------------------------|------------------------|
| Rank | Activities, management [code] | Pollution (optional) [code] | inside/outside [i o b] |
| M | A04.02 | | i |
| L | F02.03 | | i |
| M | B02 | | 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

PIER, J., 1989; Les forêts alluviales au Luxembourg. Mémoire de professeur-stagiaire à l'école privée Fieldgen à Luxembourg: 189 p.

5. SITE PROTECTION STATUS (optional)

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5.1 Designation types at national and regional level:

| Code | Cover [%] | Code | Cover [%] | Code | Cover [%] |
|------|-----------|------|-----------|------|-----------|
| LU05 | 82.6 | LU01 | 9.1 | LU07 | 9.4 |

5.2 Relation of the described site with other sites:

designated at national or regional level:

| Type code | Site name | Type | Cover [%] |
|-----------|--|------|-----------|
| LU07 | Région du Kiischpelt | * | 9.4 |
| LU01 | Vallée de la Haute-Sûre | * | 9.1 |
| LU05 | Parc Naturel de la Haute-Sûre | * | 82.6 |
| LU06 | Vallées de la Sûre, de la Wiltz, de la Clerve et du Lellgerbaach | / | |
| LU06 | Vallée supérieure de la Sûre / Lac du barrage | / | |

designated at international level:

| Type | Site name | Type | Cover [%] |
|-------|-------------------------|------|-----------|
| Other | Vallée de la Haute-Sûre | * | 9.1 |

5.3 Site designation (optional)

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

6. SITE MANAGEMENT

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6.1 Body(ies) responsible for the site management:

6.2 Management Plan(s):

An actual management plan does exist:

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

6.3 Conservation measures (optional)

Principes de gestion Le site est caractérisé par la présence d'une végétation liée aux rochers siliceux. Les principes de gestion à y appliquer sont surtout un freinage de l'envahissement de ces milieux par des ligneux. Vu qu'il s'agit de milieux extrêmes, cette recolonisation ne se fait que très lentement et les interventions requises se limiteront au minimum nécessaire. L'amélioration de la qualité de l'eau devrait également être un but prioritaire pour ce site.

7. MAP OF THE SITES

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| |
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| |
|--|

INSPIRE ID:

LU.MDDI.LU0001008

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).