SDF Manager database specification

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Version history

|  |  |  |
| --- | --- | --- |
| ***Date*** | ***Author*** | ***Description*** |
| 2015-12-10 | Michael Norén | Initial version created. |
|  |  |  |

# SDF Manager database

## Database diagram

### Primary tables



### Reference tables



## Database tables descriptions

### COUNTRY / COUNTRY\_EMERALD

|  |  |
| --- | --- |
| Field | Comment |
| COUNTRY\_ID | Primary key identifier, generated by the SDF-Manager application. |
| COUNTRY\_CODE | Part of SITE\_CODE in table SITE. |
| COUNTRY\_NAME |  |

### DOC

Removing a row in this table will remove all rows for the same DOC\_ID in the tables DOC\_LINK and SITE.

|  |  |
| --- | --- |
| Field | Comment |
| DOC\_ID | Primary key identifier, generated by the SDF-Manager application. |
| DOC\_DESCRIPTION |  |

### DOC\_LINK

|  |  |
| --- | --- |
| Field | Comment |
| DOC\_LINK\_ID | Primary key identifier, generated by the SDF-Manager application. |
| DOC\_LINK\_URL |  |
| DOC\_ID | Foreign key identifier to the DOC table. |

### HABITAT

|  |  |
| --- | --- |
| Field | Comment |
| HABITAT\_ID | Primary key identifier, generated by the SDF-Manager application. |
| HABITAT\_CODE | From the REF\_HABITATS / REF\_HABITATS\_EMERALD tables. |
| HABITAT\_PRIORITY |  |
| HABITAT\_NP |  |
| HABITAT\_COVER |  |
| HABITAT\_CAVES |  |
| HABITAT\_DATA\_QUALITY |  |
| HABITAT\_REPRESENTATIVITY |  |
| HABITAT\_RELATIVE\_SURFACE |  |
| HABITAT\_CONSERVATION |  |
| HABITAT\_GLOBAL |  |
| SITE\_CODE | Foreign key identifier to the SITE table. |
| HABITAT\_COVER\_HA |  |

### HABITAT\_CLASS

|  |  |
| --- | --- |
| Field | Comment |
| HABITAT\_CLASS\_ID | Primary key identifier, generated by the SDF-Manager application. |
| HABITAT\_CLASS\_CODE | From the REF\_HAB\_CLASSES table. |
| HABITAT\_CLASS\_DESCRIPTION | Matching HABITAT\_CLASS\_CODE. |
| HABITAT\_CLASS\_COVER |  |
| SITE\_CODE | Foreign key identifier to the SITE table. |

### IMPACT

|  |  |
| --- | --- |
| Field | Comment |
| IMPACT\_ID | Primary key identifier, generated by the SDF-Manager application. |
| IMPACT\_TYPE |  |
| IMPACT\_RANK | From the REF\_IMPACT\_RANK table. |
| IMPACT\_CODE | From the REF\_IMPACTS table. |
| IMPACT\_POLLUTION\_CODE | From the REF\_IMPACT\_POLLUTION table. |
| IMPACT\_OCCURRENCE |  |
| SITE\_CODE | Foreign key identifier to the SITE table. |

### MAP

Removing a row in this table will remove all rows for the same MAP\_ID in the table SITE.

|  |  |
| --- | --- |
| Field | Comment |
| MAP\_ID | Primary key identifier, generated by the SDF-Manager application. |
| MAP\_INSPIRE |  |
| MAP\_PDF |  |
| MAP\_REFERENCE |  |

### MGMT

Removing a row in this table will remove all rows for the same MGMT\_ID in the tables MGMT\_BODY, MGMT\_PLAN and SITE.

|  |  |
| --- | --- |
| Field | Comment |
| MGMT­\_ID | Primary key identifier, generated by the SDF-Manager application. |
| MGMT­\_STATUS | 6.2,- Management plan (‘existence’) |
| MGMT­\_CONSERVATION\_MEASURES | 6.3,- Conservation measures (optional) |

### MGMT\_BODY

|  |  |
| --- | --- |
| Field | Comment |
| MGMT\_BODY\_ID | Primary key identifier, generated by the SDF-Manager application. |
| MGMT\_BODY\_ORG |  |
| MGMT\_BODY\_ADDRESS |  |
| MGMT\_BODY\_EMAIL |  |
| MGMT\_ID |  |
| MGMT\_ADMINUNIT |  |
| MGMT\_LOCATORDESIGNATOR |  |
| MGMT\_LOCATORNAME |  |
| MGMT\_ADDRESSAREA |  |
| MGMT\_POSTNAME |  |
| MGMT\_POSTCODE |  |
| MGMT\_THOROUGHFARE |  |
| MGMT\_ID | Foreign key identifier to the MGMT table. |

### MGMT\_PLAN

|  |  |
| --- | --- |
| Field | Comment |
| MGMT\_PLAN\_ID | Primary key identifier, generated by the SDF-Manager application. |
| MGMT\_PLAN\_NAME |  |
| MGMT\_PLAN\_URL |  |
| MGMT\_ID | Foreign key identifier to the MGMT table. |

### NATIONAL\_DTYPE

|  |  |
| --- | --- |
| Field | Comment |
| NATIONAL\_DTYPE\_ID | Primary key identifier, generated by the SDF-Manager application. |
| NATIONAL\_DTYPE\_CODE | From the REF\_DESIGNATIONS / REF\_DESIGNATIONS\_EMERALD tables. |
| NATIONAL\_DTYPE\_COVER |  |
| SITE\_CODE | Foreign key identifier to the SITE table. |

### OTHER\_SPECIES

|  |  |
| --- | --- |
| Field | Comment |
| OTHER\_SPECIES\_ID | Primary key identifier, generated by the SDF-Manager application. |
| OTHER\_SPECIES\_GROUP |  |
| OTHER\_SPECIES\_CODE |  |
| OTHER\_SPECIES\_NAME |  |
| OTHER\_SPECIES\_SENSITIVE |  |
| OTHER\_SPECIES\_NP |  |
| OTHER\_SPECIES\_SIZE\_MIN |  |
| OTHER\_SPECIES\_SIZE\_MAX |  |
| OTHER\_SPECIES\_UNIT |  |
| OTHER\_SPECIES\_CATEGORY |  |
| OTHER\_SPECIES\_MOTIVATION |  |
| SITE\_CODE | Foreign key identifier to the SITE table. |

### OWNERSHIP

Removing a row in this table will remove all rows for the same OWNERSHIP\_ID in the table SITE\_OWNERSHIP.

|  |  |
| --- | --- |
| Field | Comment |
| OWNERSHIP\_ID | Primary key identifier, generated by the SDF-Manager application. |
| OWNERSHIP\_TYPE |  |
| OWNERSHIP\_CODE |  |

### REF\_BIOGEO

Removing a row in this table will remove all rows for the same BIOGEO\_ID in the table SITE\_BIOGEO.

|  |  |
| --- | --- |
| Field | Comment |
| BIOGEO\_ID | Primary key identifier, generated by the SDF-Manager application. |
| BIOGEO\_NAME |  |
| BIOGEO\_CODE |  |

### REF\_BIRDS

|  |  |
| --- | --- |
| Field | Comment |
| REF\_BIRDS\_ID | Primary key identifier, generated by the SDF-Manager application. |
| REF\_BIRDS\_CODE |  |
| REF\_BIRDS\_NAME |  |
| REF\_BIRDS\_ANNEXI |  |
| REF\_BIRDS\_ANNEXIIPA |  |
| REF\_BIRDS\_ANNEXIIPB |  |
| REF\_BIRDS\_ANNEXIIIPA |  |
| REF\_BIRDS\_ANNEXIIIPB |  |
| REF\_BIRDS\_CODE\_NEW |  |
| REF\_BIRDS\_ALT\_SCIENTIFIC\_NAME |  |

### REF\_CATEGORY

|  |  |
| --- | --- |
| Field | Comment |
| CATEGORY\_ID | Primary key identifier, generated by the SDF-Manager application. |
| CATEGORY\_NAME |  |
| CATEGORY\_CODE |  |
| CATEGORY\_SPECIES |  |

### REF\_CONVENTIONS

|  |  |
| --- | --- |
| Field | Comment |
| REF\_CONVENTIONS\_ID | Primary key identifier, generated by the SDF-Manager application. |
| REF\_CONVENTIONS\_NAME |  |
| REF\_CONVENTIONS\_CODE |  |

### REF\_DATA\_QUALITY

|  |  |
| --- | --- |
| Field | Comment |
| QUALITY\_ID | Primary key identifier, generated by the SDF-Manager application. |
| QUALITY\_NAME |  |
| QUALITY\_CODE |  |
| QUALITY\_SPECIES |  |

### REF\_DESIGNATIONS / REF\_DESIGNATIONS\_EMERALD

|  |  |
| --- | --- |
| Field | Comment |
| REF\_DESIGNATIONS\_ID | Primary key identifier, generated by the SDF-Manager application. |
| REF\_DESIGNATIONS\_CODE |  |
| REF\_DESIGNATIONS\_DESCR |  |
| REF\_DESIGNATIONS\_CATEGORY |  |

### REF\_HAB\_CLASSES

|  |  |
| --- | --- |
| Field | Comment |
| REF\_HAB\_CLASSES\_ID | Primary key identifier, generated by the SDF-Manager application. |
| REF\_HAB\_CLASSES\_CODE |  |
| REF\_HAB\_CLASSES\_DESCR\_EN |  |
| REF\_HAB\_CLASSES\_DESCR\_FR |  |

### REF\_HABITATS / REF\_HABITATS\_EMERALD

|  |  |
| --- | --- |
| Field | Comment |
| REF\_HABITATS\_ID | Primary key identifier, generated by the SDF-Manager application. |
| REF\_HABITATS\_CODE |  |
| REF\_HABITATS\_PRIORITY |  |
| REF\_HABITATS\_DESC\_EN |  |
| REF\_HABITATS\_DESC\_FR |  |
| REF\_HABITATS\_DESC\_DE |  |
| REF\_HABITATS\_DESC\_ES |  |
| REF\_HABITATS\_DESC\_IT |  |
| REF\_HABITATS\_DESC\_NL |  |
| REF\_HABITATS\_DESC\_PT |  |
| REF\_HABITATS\_DESC\_DK |  |

### REF\_IMPACT\_POLLUTION

|  |  |
| --- | --- |
| Field | Comment |
| POLLUTION\_ID | Primary key identifier, generated by the SDF-Manager application. |
| POLLUTION\_NAME |  |
| POLLUTION\_CODE |  |

### REF\_IMPACT\_RANK

|  |  |
| --- | --- |
| Field | Comment |
| RANK\_ID | Primary key identifier, generated by the SDF-Manager application. |
| RANK\_NAME |  |
| RANK\_CODE |  |

### REF\_IMPACTS

|  |  |
| --- | --- |
| Field | Comment |
| REF\_IMPACTS\_ID | Primary key identifier, generated by the SDF-Manager application. |
| REF\_IMPACTS\_CODE |  |
| REF\_IMPACTS\_DESCR |  |
| REF\_IMPACTS\_REMARKS |  |
| REF\_IMPACTS\_OLDCODE\_REFPORT |  |
| REF\_IMPACTS\_OLDCODE\_CROSSLINK |  |

### REF\_NUTS / REF\_NUTS\_EMERALD

|  |  |
| --- | --- |
| Field | Comment |
| REF\_NUTS\_ID | Primary key identifier, generated by the SDF-Manager application. |
| REF\_NUTS\_CODE |  |
| REF\_NUTS\_DESCRIPTION |  |

### REF\_POPULATION\_TYPE

|  |  |
| --- | --- |
| Field | Comment |
| RANK\_ID | Primary key identifier, generated by the SDF-Manager application. |
| POPULATION\_NAME |  |
| POPULATION\_CODE |  |

### REF\_SPECIES

|  |  |
| --- | --- |
| Field | Comment |
| REF\_SPECIES\_ID | Primary key identifier, generated by the SDF-Manager application. |
| REF\_SPECIES\_CODE |  |
| REF\_SPECIES\_NAME |  |
| REF\_SPECIES\_GROUP |  |
| REF\_SPECIES\_ANNEX\_II |  |
| REF\_SPECIES\_ANNEX\_IV |  |
| REF\_SPECIES\_ANNEX\_V |  |
| REF\_SPECIES\_ALT\_SCIENTIFIC\_NAME |  |
| REF\_SPECIES\_HD\_SCIENTIFIC\_NAME |  |
| REF\_SPECIES\_CODE\_NEW |  |

### REF\_SPECIES\_GROUP

|  |  |
| --- | --- |
| Field | Comment |
| GROUP\_ID | Primary key identifier, generated by the SDF-Manager application. |
| GROUP\_NAME |  |
| GROUP\_CODE |  |
| GROUP\_SPECIES |  |

### REF\_UNIT

|  |  |
| --- | --- |
| Field | Comment |
| UNIT\_ID | Primary key identifier, generated by the SDF-Manager application. |
| UNIT\_NAME |  |
| UNIT\_CODE |  |

### REGION

|  |  |
| --- | --- |
| Field | Comment |
| REGION\_ID | Primary key identifier, generated by the SDF-Manager application. |
| REGION\_CODE | From the REF\_NUTS / REF\_NUTS\_EMERALD table. |
| REGION\_NAME | Matching REGION\_CODE. |
| SITE\_CODE | Foreign key identifier to the SITE table. |

### RESP

Removing a row in this table will remove all rows for the same RESP\_ID in the table SITE.

|  |  |
| --- | --- |
| Field | Comment |
| RESP\_ID | Primary key identifier, generated by the SDF-Manager application. |
| RESP\_NAME | 1.6,- Respondent |
| RESP\_ADDRESS | 1.6,- Respondent |
| RESP\_EMAIL | 1.6,- Respondent |
| RESP\_ADMINUNIT |  |
| RESP\_LOCATORDESIGNATOR |  |
| RESP\_LOCATORNAME |  |
| RESP\_ADDRESSAREA |  |
| RESP\_POSTNAME |  |
| RESP\_POSTCODE |  |
| RESP\_THOROUGHFARE |  |

### SITE

Removing a row in this table will remove all rows for the same SITE\_CODE in the tables HABITAT, HABITAT\_CLASS, IMPACT, NATIONAL\_DTYPE, OTHER\_SPECIES, REGION, SITE\_BIOGEO, SITE\_RELATION, and SPECIES.

|  |  |
| --- | --- |
| Field | Comment |
| SITE\_CODE | Primary key identifier, generated by the SDF-Manager application. |
| SITE\_TYPE | 1.1,- Type |
| SITE\_NAME | 1.3,- Site name |
| SITE\_COMP\_DATE | 1.4,- First Compilation date |
| SITE\_UPDATE\_DATE | 1.5,- Update date |
| SITE\_SPA\_DATE | 1.7,- Site indication and designation / classification dates |
| SITE\_SPA\_LEGAL\_REF | 1.7,- Site indication and designation / classification dates |
| SITE\_SCI\_PROP\_DATE | 1.7,- Site indication and designation / classification dates |
| SITE\_SCI\_CONF\_DATE | 1.7,- Site indication and designation / classification dates |
| SITE\_SAC\_DATE | 1.7,- Site indication and designation / classification dates |
| SITE\_SAC\_LEGAL\_REF | 1.7,- Site indication and designation / classification dates |
| SITE\_EXPLANATIONS | 1.7,- Site indication and designation / classification dates |
| SITE\_LONGITUDE | 2.1,- Site-centre location [decimal degrees] |
| SITE\_LATITUDE | 2.1,- Site-centre location [decimal degrees] |
| SITE\_AREA | 2.2,- Area [ha] |
| SITE\_MARINE\_AREA | 2.3,- Marine area [%] |
| SITE\_LENGTH | 2.4,- Site length [km] |
| SITE\_CHARACTERISTICS | 4.1,- General site character |
| SITE\_QUALITY | 4.2,- Quality and importance |
| SITE\_DESIGNATION | 5.3,- Site designation (optional) |
| DOC\_ID | Foreign key identifier to the DOC table. |
| RESP\_ID | Foreign key identifier to the RESP table. |
| MGMT\_ID | Foreign key identifier to the MGMT table. |
| MAP\_ID | Foreign key identifier to the MAP table. |
| DATE\_CREATION |  |
| DATE\_DELETION |  |
| DATE\_UPDATE |  |
| SITE\_ASCI\_PROP\_DATE |  |
| SITE\_ASCI\_CONF\_CAND\_DATE |  |
| SITE\_ASCI\_CONF\_DATE |  |
| SITE\_ASCI\_DESIG\_DATE |  |
| SITE\_ASCI\_LEGAL\_REF |  |

### SITE\_BIOGEO

|  |  |
| --- | --- |
| Field | Comment |
| SITE\_CODE | Primary key identifier, generated by the SDF-Manager application. |
| BIOGEO\_ID | From the REF\_BIOGEO table. |
| BIOGEO\_PERCENT |  |

### SITE\_OWNERSHIP

|  |  |
| --- | --- |
| Field | Comment |
| OWNERSHIP\_ID | Primary key identifier, generated by the SDF-Manager application. |
| SITE\_CODE | Foreign key identifier to the SITE table. |
| OWNERSHIP\_PERCENT | 4.4 Ownership |

### SITE\_RELATION

|  |  |
| --- | --- |
| Field | Comment |
| SITE\_RELATION\_ID | Primary key identifier, generated by the SDF-Manager application. |
| SITE\_RELATION\_SCOPE |  |
| SITE\_RELATION\_CODE |  |
| SITE\_RELATION\_CONVENTION | From the REF\_CONVENTIONS table. |
| SITE\_RELATION\_SITENAME |  |
| SITE\_RELATION\_COVER |  |
| SITE\_RELATION\_TYPE |  |
| SITE\_CODE | Foreign key identifier to the SITE table. |

### SPECIES

|  |  |
| --- | --- |
| Field | Comment |
| SPECIES\_ID | Primary key identifier, generated by the SDF-Manager application. |
| SPECIES\_GROUP | From the REF\_SPECIES\_GROUP table. |
| SPECIES\_CODE | From the REF\_BIRDS, REF\_SPECIES |
| SPECIES\_NAME | Matching SPECIES\_CODE |
| SPECIES\_SENSITIVE |  |
| SPECIES\_NP |  |
| SPECIES\_TYPE |  |
| SPECIES\_SIZE\_MIN |  |
| SPECIES\_SIZE\_MAX |  |
| SPECIES\_UNIT | From the REF\_UNIT table. |
| SPECIES\_CATEGORY | From the REF\_CATEGORY table. |
| SPECIES\_DATA\_QUALITY | From the REF\_DATA\_QUALITY table. |
| SPECIES\_POPULATION | From the REF\_POPULATION\_TYPE table. |
| SPECIES\_CONSERVATION |  |
| SPECIES\_ISOLATION |  |
| SPECIES\_GLOBAL |  |
| SITE\_CODE | Foreign key identifier to the SITE table. |