The MedWet Database
MWD 2000
USER'S MANUAL

António Barbosa, Luís Costa, Christian Perennou and Geneviève Coutrot
1999

CONTENTS

1. INTRODUCTION

What is the MedWet Database?

The MedWet Database is one of the tools developed under the MedWet1 action on wetland inventory and monitoring, which was carried out jointly by ICN and Wetlands International. The MedWet Database is meant to be a computarized database created to enter, store and analyse the data recorded using the MedWet methodology for wetland inventory.

A first version of MWD was developed in 1996, working under DOS system and was developed in FoxPro. This work was then developed in close cooperation to the Indonesian office of the Asian Wetland Bureau.

MWD update

The MWD was since then used in several projects and countries, but an updating of the program was considered as adequate in order to run it into Windows environment and to become more user-friendly. For this purpose an *ad hoc* working group was constituted and two workshops were organised within the scope of the MedWet initiative by ICN (Portugal), Station Biologique de la Tour du Valat (France), EKBY (Greece) and Wetlands International.

In those meetings the new features of the database were discussed and decided, and since then the new version (MWD 2000) has been developed by ICN with financial support from Tour du Valat. The participants in those meetings were: Christian Perennou and Vincent Boy (Tour du Valat), Luís Costa, João Carlos Farinha, Emília Paula Silva and António Bruxelas (ICN), Scott Frazier (Wetlands International), Eleni Fitoka and Nikos Kontos (EKBY), Thymio Papayannis (MedWet coordinator), Laurent Duhautois (IFEN, France), Pere Tomàs Vives (Spain), Dolores Toram, Rafael Borriego and Juan Pedro Isaza (DGCN, Spain), and Mladen Kotarac (Slovenia).

What's new in MWD 2000

This new version of the MWD has some important new general features:

Support software	MWD 2000 was developed under Microsoft Access and Windows operating system, which turns this new version much more user-frindly, and less time consuming while entering and editing data.
Navigation	The navigation through menus and data entry forms was simplified in order to save time to users.
Languages	MWD 2000 allows use of any language used in the Mediterranean region and elsewhere. All text labels for table entry and reports can be shown in any one of the languages, in opposition to the English-only previous version.
Report formats	Report formats benefit of Windows environment and the database provide outputs in the official formats of *Ramsar Information Sheet* and *Natura 2000 Standard Form*.

How to use this manual

This manual serves as a basic guide to use the MWD 2000, in a logical sequence from the program's installation to the data entry and analysis. The text is not too detailed as we understand that the users will have a minimum skill in operating computers and dealing with Windows environment. Some brief and general basic concepts of databases are presented and in the end the file structure of the database is shown.

2. DATABASE BASIC CONCEPTS

Components of the database

This database is defined as the computer program used to store and analyse data collected during a wetland inventory. There are three basic components of the database, arranged hierarchically:

Table	Each one of the data sets containing data of a specific subject, e.g. *catchment area information*.
Record	A discrete unit of storage in the table, e.g. all the *data referring to one catchment area*.
Field	A particular type or category of information in a record, e.g. the *maximum altitude of the catchment area*. Fields can be of several types: text, number, logical, date/time, and memo text.

Data display and output

Two basic ways to enter and show data are available in the MWD 2000:

Form	The screens displaying data fields in order to add, edit and display the data. Sub forms can exist within forms, in order to allow multiple data fields to be inserted, e.g. *more than one administrative region in which the wetland site is located*.
Report	The printable datasheets with the information shown after data analysis, e.g. *the totals of waterbirds existing in the wetland site, by species*.

Navigation and data entry

It is easy to navigate through the MWD 2000. A switchboard menu drives the user to every form or report and one has only to press the buttons to access to each form or report. Within each form the standard rules from Microsoft Access are used to navigate from field to field and from record to record:

From record to record	Go to the previous record clicking the left arrow in the bar; go to the next record by clicking in the right arrow in the bar; go to the desired record by editing the page number in the bar; go to a blank new record by clicking the * button in the bar
Record selection	An easier way to go to desired record is to click the button in the right top, which let you scroll through the existing records and go directly to it.
From field to field	Data fields can be selected with the mouse, but this will not be the fastest way to do it. After entering data in a field press [Tab] to go to the next one. [Enter] will not pass from field to field but will open a new line in the current field. To go to the previous field press [Shift][Tab].
Combo boxes	Some data fields are to be filled through combo boxes. Data entry can be done by selecting the right choice with the mouse; or by entering directly the data code, if known.
Subforms	Some data are displayed and entered in subforms. To go from one subform to the next data field in the form press [Ctrl][Tab]

3. THE STRUCTURE OF THE MWD 2000

Files

Two main files constitute the MWD 2000, the main file MWD.MDB and the data file MWDDATA.MDB. The first one constitutes the program itself and the second one contains the data sets and dictionnaries.

Data sets

The data tables follow the structure of data presented in the MedWet methodology. This methodology refers to three possible levels of data gathering: catchment area, wetland site and habitat. The diagram below shows this structure:

CATCHMENT AREA DATASHEET	References data
WETLAND SITE DATASHEET	References data Activities and impacts data Flora and fauna data Meteorological data
HABITAT DATASHEET	References data Activities and impacts data Flora and fauna data

Dictionnaries

Dictionnaries can be divided in two types: the subsets of data used in the database that can be related to the data tables (e.g.

Subsets of data — The subsets of data that can be related to the data tables. These subsets are: Meteorological data, Bibliographic references, Maps, Aerial photographs, Key contacts and Compilers.

General dictionnary — The general dictionnary includes all the lists of attributes that can be chosen from the combo boxes while entering data in the database, e.g. *the list of flora species, or the list of administrative regions that can be assigned to a wetland site*.

Reports

A number of defined reports are available in the database. These include standard data sheets for retrieving catchment area or site information, and analyses of flora and fauna species occurrence within a site. These reports can be viewed in the computer's screen, printed in a hard copy, or exported into a word processor or spreadsheet.

Tools

The database includes two basic tools for program managament. First, the language setting tools, that allows the user to translate all text labels in the forms and reports. Second, it allows the user to make backup copies and to compact the database file. This second tool must be performed from times to times in order to keep security copies of the data sets and to reduce the size of the file.

4. INSTALLING THE MWD 2000

Minimum specifications

Before installing the MWD 2000 be sure that your computer has the right specifications to allow using the program. Although the MWD 2000 was developed under Microsoft Access, it is not necessary to have Access in your computer. The minimum specifcations are:

- Windows 95/98
- Minimum 16 MB of RAM
- Minimum 30 MB of free disk space
- Printer installed

Note: this version of the MWD 2000 was not developed for computers with Windows NT or further versions of Windows. Some bugs and problems will probably occur when using these systems.

Installation procedure

Please insert your CD in the computer and run the installation program. This program will drive you through the automatic installation procedure, and will ask you for the name of the directory where you want to have the program.

In the end you are ready to know and use the MWD 2000!

5. USING THE MWD 2000 FOR THE FIRST TIME

When using the MWD 2000 for the first time it worth the work of adapting it from the beginning to your needs as user. There is a huge flexibility in this program in what concerns language and dictionnaries, and the program should be customised before starting entering data.

Language selection

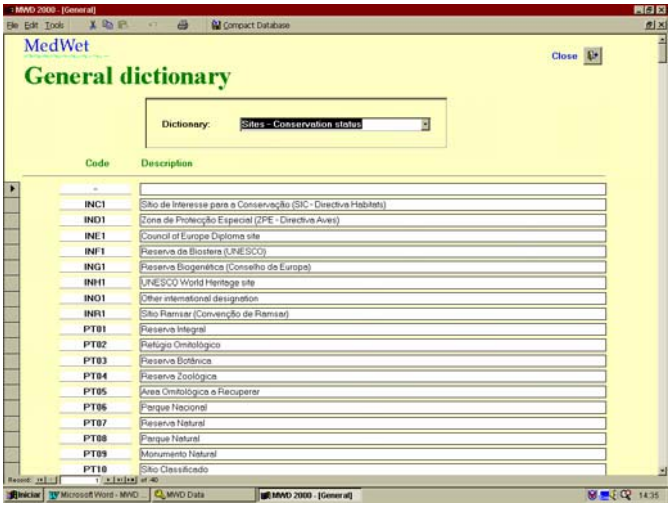
One of the characteristics of the MWD 2000 is the capacity of choosing the language under which the database will work. By default the program is running in English, but in the central translation file there are some more languages available, and any one can be used.

Go through the switchboard menu to [5. Tools] and then to [1. Choose a language]. If you don't wish to work in English choose the option [Edit existing language] and a form will appear in the screen:

In the first column will appear the reference language (English by default) and in the second column the language to be edited. Through the combo boxes in the top of the columns select the desired reference and adopted languages.

If the selected language is already filled up, you had the luck of having someone filling it for you... If you don't agree with some of the translations there you can edit it at any time in this form.

If the selected language is not filled up or is incomplete, you will loose some time filling it! It is a time consuming task that however will allow you to store your inventory in the desired language.



General dictionnary

The general dictionnary contains all the lists that will appear in the combo boxes and list boxes in all forms of the database. By default they are in English and include the data made available by the European Comission for the five EU countries of the Mediterranean region.

In the combo box in the top of the form are displayed all the lists available. In each one of them:

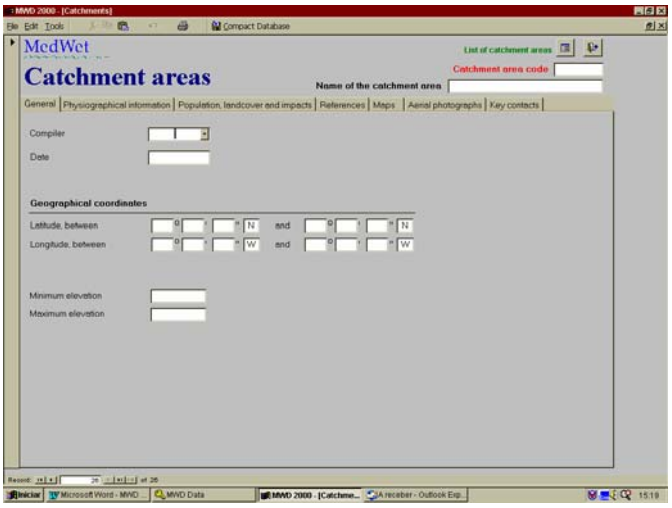
- delete the records that are not supposed to be used in your inventory (e.g. *deleting the conservation legal status of other countries but yours*);
- if English is not to be used, translate the records that are supposed to be used;
- add new records that might be used and do not exist in the dictionnary (e.g. Conservation status from Algeria are not available and should be added for a wetland inventory in Algeria)

After these procedures the database is customised to your specific needs.

6. ENTERING AND EDITING DATA

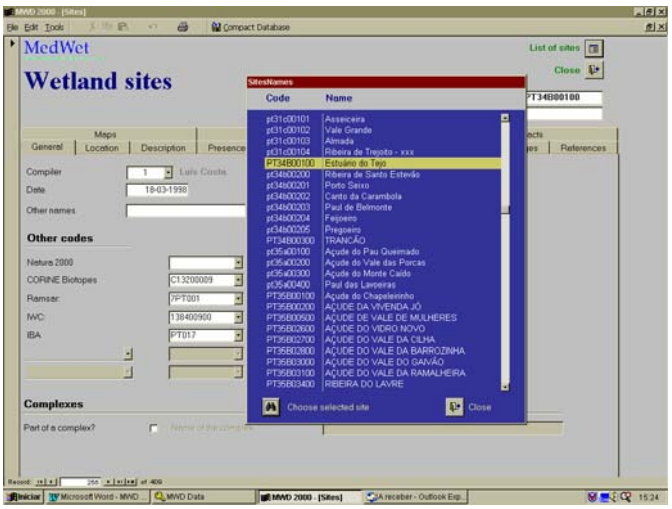
Type of data

This section will provide some tips on how to enter data in the forms of the MWD 2000. For more details on the type of data and collection of data from wetland inventories read *Mediterranean wetland inventory. Volume II-collecting data.*



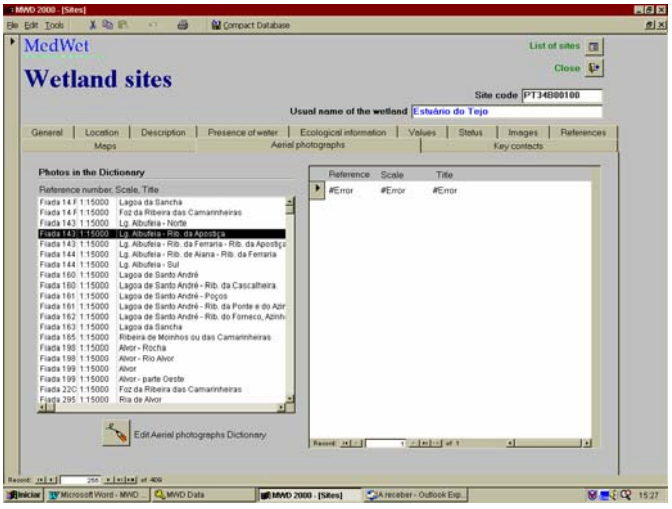
Catchment area data

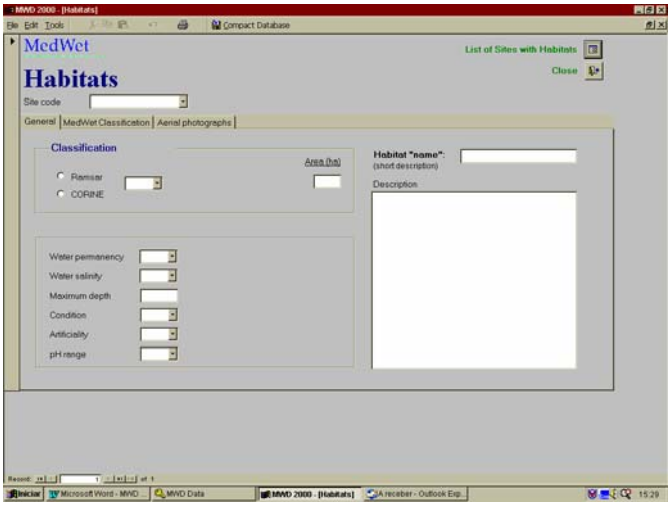
- For entering catchment area records start entering the code and name of the catchment area. No other data will be allowed before this step.
- Start entering data using the navigation rules explained in **2. Database basic concepts**.
- To edit existing records of catchment areas you can click on the left button in the top of the form, and the list of existing catchment areas will appear.



Wetland sites

- The wetland site data form works just in the same way than the catchment area form. Start entering the code and name of the wetland site before entering more data.
- The right use of combo boxes implies that the dictionnaries are completed and updated. For example, the list of the Ramsar sites, the IWC sites, the protected areas, the conservation status, etc. of your country or region must be updated in the general dictionnary.
- To assign references to your wetland site (bibliography, key contacts, maps or aerial photographs) you just have to click the existing options in the left window, which contains the existing references in the respective dictionnaries. If you want to add a new reference click in the Edit button and the dictionnary form will open and allow you to add it.





Habitats

- As explained in the manual for data collecting, habitats can be recorded at a general level (by using Ramsar wetland types or CORINE Biotopes) and at a detailed level (by using MedWet classification system).
- In the first page choose Ramsar or CORINE systems in the option box.
- In the second page you can use the MedWet classification system.
- In the third page you can assign photographs to the habitats described.

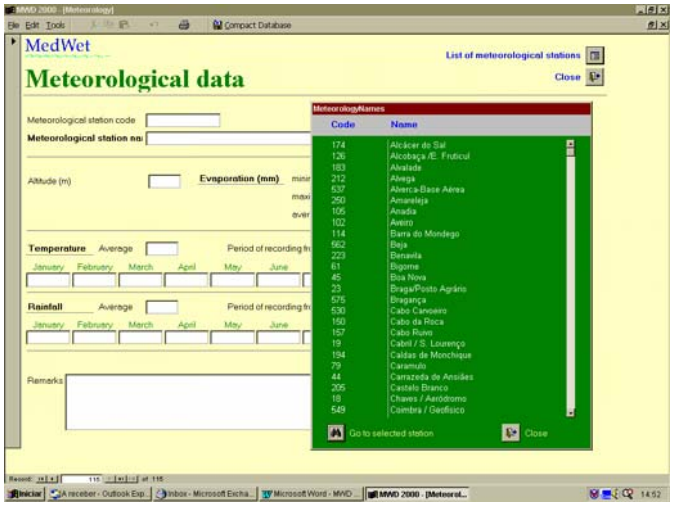
Activities and impacts

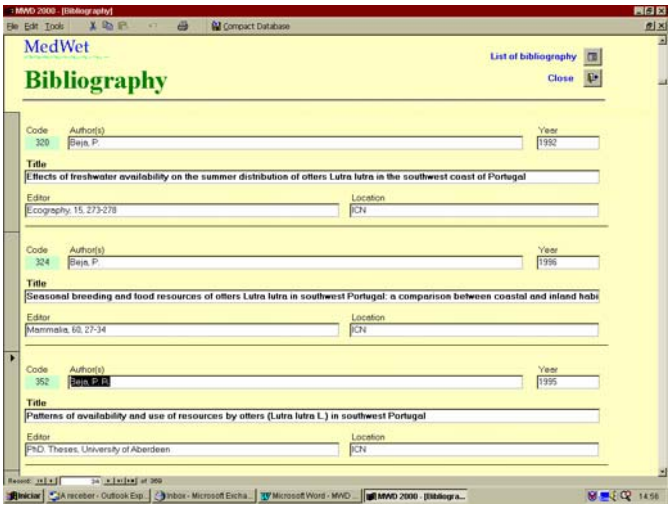
- Observations of human activities and impacts must be related to a wetland site, and this can be chosen through the combo box. Optionally, it can related to a habitat. The available habitats recorded to the current site record are listed in the list box and you can select it by clicking the right one. To cancel selection click the *No habitats* button.
- One or more impacts can be related to the current activity recorded.

Flora and fauna observations

These forms work just in the same way than the Activities and impacts form.

7. FILLING UP AND EDITING THE DICTIONNARIES





Sub sets of data

Under the main menu's [3. Dictionnaries] option there are some types of dictionnaries available. Some of them are subsets of data to be related to the wetland site and catchment areas information. These are: Meteorological data, References (bibliography, maps, aerial photographs, key contacts and compilers) and Flora and Fauna.

Flora and Fauna dictionnaries are filled by default with the Natura 2000 files, covering all the species recorded within the European Union countries. These dictionnaries must be completed for other regions.

Meteorological data and References are blank by default. In order to relate the meteorological information to other data, it is recommendable to fill this dictionnary before entering data in the wetland site form. References can be edited while entering data in the catchment area or wetland site forms, as explained before.

Data entry in the dictionnaries' forms can be made by using the same rules defined for data entry.

General dictionnary

Can be edited at any time as ecplained in the section **5. Using the MWD 2000 for the first time**

8. CREATING REPORTS

Types of reports

MWD 2000 includes several types of reports: some are standard MedWet datasheets as described in the MedWet manuals, others are translations of these data into the Ramsar and Natura 2000 formats, and there are also combined tables of data transformed in lists of references, observations, etc.

The Ramsar ad Natura 2000 forms use the data collected through the MedWet approach, thus not being strictly filled as the official instructions of those programmes. We recommend to export those reports to a word processor in order to edit the information.

How to create a report

In the main menu go to [4. Reports] and then choose the report format desired. A list box will appear to choose the site or species that you want to sort by clicking on it.

There are two options to visualise the report:

- In [Preview] the report will be available in the screen.
- In [Print] the report will be printed into a hard copy.

9. DATABASE TABLES

Table: CATCHAER (Aerial photographs by site)

Columns

Name	Type	Size	Description
CATCH_COD	Text	10	code
REF_NO	Text	255	reference

Table: CATCHINF (Catchment areas data)

Columns

Name	Type	Size	Description
CATCH_COD	Text	4	catchment code
CATCH_NAME	Text	45	catchment name
LATDEG1	Number (Double)	8	minimum latitude - degrees
LATMIN1	Number (Double)	8	minimum latitude - minutes
LATSEC1	Number (Double)	8	minimum latitude - seconds
NORTHINGS1	Text	1	north/south latitude
LATDEG2	Number (Double)	8	maximum latitude - degrees
LATMIN2	Number (Double)	8	maximum latitude - minutes
LATSEC2	Number (Double)	8	maximum latitude - seconds
NORTHINGS2	Text	1	north/south latitude
LONDEG1	Number (Double)	8	minimum longitude - degrees
LONMIN1	Number (Double)	8	minimum longitude - minutes
LONSEC1	Number (Double)	8	minimum longitude - seconds
EASTINGS1	Text	1	west/east longitude
LONDEG2	Number (Double)	8	maximum longitude - degrees
LONMIN2	Number (Double)	8	maximum longitude - minutes
LONSEC2	Number (Double)	8	maximum longitude - seconds
EASTINGS2	Text	1	west/east longitude
ALTITUDMIN	Number (Double)	8	minimum elevation
ALTITUDMAX	Number (Double)	8	maximum elevation
AREA	Number (Double)	8	area
RIVERLENG	Number (Double)	8	river length
RAINFMIN	Number (Double)	8	minimum average rainfall
RAINFMAX	Number (Double)	8	maximum average rainfall
TEMPERMIN	Number (Double)	8	minimum average temperature
TEMPERMAX	Number (Double)	8	maximum average temperature
PERIODFROM	Text	4	recorded from year...
PERIODTO	Text	4	recorded to year...
FLOW	Number (Double)	8	flow
BIOCLIMA1	Text	255	bioclimate 1
BIOCLIMA2	Text	255	bioclimate 2
BIOCLIMA3	Text	255	bioclimate 3
BIOCLIMA4	Text	255	bioclimate 4
BIOCLIMA5	Text	255	bioclimate 5
BIOPERCEN1	Number (Integer)	2	bioclimate 1 cover (%)
BIOPERCEN2	Number (Integer)	2	bioclimate 2 cover (%)
BIOPERCEN3	Number (Integer)	2	bioclimate 3 cover (%)
BIOPERCEN4	Number (Integer)	2	bioclimate 4 cover (%)
BIOPERCEN5	Number (Integer)	2	bioclimate 5. cover (%)
P1_VILLAGE	Number (Double)	8	villages < 1000 hab.
P2_VILLAGE	Number (Double)	8	villages 1000 to 10000 hab
P3_VILLAGE	Number (Double)	8	villages 10000 to 100000 hab
P4_VILLAGE	Number (Double)	8	villages > 100000 hab
RECORDYEAR	Text	4	year of recording
LAND_ART	Number (Double)	8	landcover: artificial
LAND_AGR	Number (Double)	8	landcover: agricultural
LAND_FOR	Number (Double)	8	landcover: forest
LAND_WET	Number (Double)	8	landcover: wetlands
LAND_WAT	Number (Double)	8	landcover: water bodies
COMPILER	Text	50	compiler code
EDITDATE	Date/Time	8	editing date
CLIMATE	Memo	-	climate remarks
GEOLOGY	Memo	-	geology information
HYDROLOGY	Memo	-	hydrology information
POPULATION	Memo	-	population remarks
LANDCOVER	Memo	-	landcover remarks
IMPACT	Memo	-	impacts & threats information

Table: CATCHKC (Catchment area's key contacts)

Columns

Name	Type	Size	
CATCH_COD	Text	4	catchment area code
KEYCONTACT	Text	255	key contact reference code

Table: CATCHMAP (Catchment area's maps)

Columns

Name	Type	Size	
CATCH_COD	Text	4	catchment area code
REF_NO	Text	255	map reference code

Table: CATCHREF (Catchment area's bibliography)

Columns

Name	Type	Size	
CATCH_COD	Text	4	catchment area code
REF_NO	Text	255	bibliography reference code

Table: DICACT (Dictionnary of Activities and Impacts – Natura 2000)

Columns

Name	Type	Size	
CODE	Text	255	reference code
DESCR	Text	255	description

Table: DICAMP (Dictionnary of Amphibian species)

Columns

Name	Type	Size	
ID_COD	Number (Double)	8	identity code
SPP_COD	Number (Double)	8	species code
COUNTRY_C	Text	2	country code
VALID_COD	Text	1	validation code
ORDER	Text	25	order name
FAMILY	Text	25	family name
GENUS	Text	25	genus name
SPECIES	Text	25	specific name
SUBSPECIES	Text	25	subspecies name
VAR_FORM	Text	40	variety name
HYBRID	Text	40	hybrid name
LOCAL	Text	50	local name
PRIOR	Text	1	priority species – Habitat Directive
ANNEX_II	Yes/No	1	Habitat Directive - annex II
SPCLIV	Yes/No	1	Habitat Directive - annex IV
SPCLV	Yes/No	1	Habitat Directive – annex V
SPBCAX1	Text	3	Bern Convention - appendices
SPAFRICA	Text	1	Africa Convention - appendices
CITES	Text	20	CITES - appendices
IUCN_REDL	Text	3	IUCN threatened species
NAT_REDL	Text	3	Nationally threatened species
FRANCE	Yes/No	1	Presence in France
ITALY	Yes/No	1	Presence in Italy
GREECE	Yes/No	1	Presence in Greece
SPAIN	Yes/No	1	Presence in Spain
PORTUGAL	Yes/No	1	Presence in Portugal
STATUS	Text	2	status
SPBONN_1	Text	1	Bonn Convention – appendix I
SPBONN_2	Text	1	Bonn Convention – appendix II

Table: DICBRD (Dictionnary of Bird species)

Columns

Name	Type	Size	
ID_COD	Number (Double)	8	identity code
SPP_COD	Number (Double)	8	species code
COUNTRY_C	Text	2	country code
VALID_COD	Text	1	validation code
ORDER	Text	25	order name
FAMILY	Text	25	family name
GENUS	Text	25	genus name
SPECIES	Text	25	specific name
SUBSPECIES	Text	25	subspecies name
VAR_FORM	Text	40	variety name
HYBRID	Text	40	hybrid name
LOCAL	Text	50	local name
PRIOR	Text	1	priority species – Habitat Directive
ANNEX_II	Yes/No	1	Bird Directive - annex I

SPCLIV	Yes/No	1	Habitat Directive - annex IV
SPCLV	Yes/No	1	Habitat Directive – annex V
SPBCAX1	Text	3	Bern Convention - appendices
SPAFRICA	Text	1	Africa Convention - appendices
CITES	Text	20	CITES - appendices
IUCN_REDL	Text	3	IUCN threatened species
NAT_REDL	Text	3	Nationally threatened species
FRANCE	Yes/No	1	Presence in France
ITALY	Yes/No	1	Presence in Italy
GREECE	Yes/No	1	Presence in Greece
SPAIN	Yes/No	1	Presence in Spain
PORTUGAL	Yes/No	1	Presence in Portugal
STATUS	Text	2	status
SPBONN_1	Text	1	Bonn Convention – appendix I
SPBONN_2	Text	1	Bonn Convention – appendix II
ANNEX_II1	Text	1	Bird Directive – annex II/1
ANNEX_II2	Text	1	Bird Directive – annex II/2
ANNEX_III1	Text	1	Bird Directive – annex III/1
ANNEX_III2	Text	1	Bird Directive – annex III/2

Table: DICFLO

Columns

Name	Type	Size	
ID_COD	Number (Double)	8	identity code
SPP_COD	Number (Double)	8	species code
COUNTRY_C	Text	2	country code
VALID_COD	Text	1	validation code
ORDER	Text	25	order name
FAMILY	Text	25	family name
GENUS	Text	25	genus name
SPECIES	Text	25	specific name
SUBSPECIES	Text	25	subspecies name
VAR_FORM	Text	40	variety name
HYBRID	Text	40	hybrid name
LOCAL	Text	50	local name
PRIOR	Text	1	priority species – Habitat Directive
ANNEX_II	Yes/No	1	Habitat Directive - annex II
SPCLIV	Yes/No	1	Habitat Directive - annex IV
SPCLV	Yes/No	1	Habitat Directive – annex V
SPBCAX1	Text	3	Bern Convention - appendices
SPAFRICA	Text	1	Africa Convention - appendices
CITES	Text	20	CITES - appendices
IUCN_REDL	Text	3	IUCN threatened species
NAT_REDL	Text	3	Nationally threatened species
FRANCE	Yes/No	1	Presence in France
ITALY	Yes/No	1	Presence in Italy
GREECE	Yes/No	1	Presence in Greece
SPAIN	Yes/No	1	Presence in Spain
PORTUGAL	Yes/No	1	Presence in Portugal
STATUS	Text	2	status

Table: DICFSH **Dictionnary of Fish species)**

Columns

Name	Type	Size	
ID_COD	Number (Double)	8	identity code
SPP_COD	Number (Double)	8	species code
COUNTRY_C	Text	2	country code
VALID_COD	Text	1	validation code
ORDER	Text	25	order name
FAMILY	Text	25	family name
GENUS	Text	25	genus name
SPECIES	Text	25	specific name
SUBSPECIES	Text	25	subspecies name
VAR_FORM	Text	40	variety name
HYBRID	Text	40	hybrid name
LOCAL	Text	50	local name
PRIOR	Text	1	priority species – Habitat Directive
ANNEX_II	Yes/No	1	Habitat Directive - annex II
SPCLIV	Yes/No	1	Habitat Directive - annex IV
SPCLV	Yes/No	1	Habitat Directive – annex V
SPBCAX1	Text	3	Bern Convention - appendices
SPAFRICA	Text	1	Africa Convention - appendices
CITES	Text	20	CITES - appendices
IUCN_REDL	Text	3	IUCN threatened species
NAT_REDL	Text	3	Nationally threatened species

FRANCE	Yes/No	1	Presence in France
ITALY	Yes/No	1	Presence in Italy
GREECE	Yes/No	1	Presence in Greece
SPAIN	Yes/No	1	Presence in Spain
PORTUGAL	Yes/No	1	Presence in Portugal
STATUS	Text	2	status
SPBONN_1	Text	1	Bonn Convention – appendix I
SPBONN_2	Text	1	Bonn Convention – appendix II

Table: DicGen-ABU (General dictionnary – abundance of fauna)

Columns

Name	Type	Size	
CODE	Text	255	reference code
DESCR	Text	255	description

Table: DicGen-ARM (General dictionnary – artificial modifier)

Columns

Name	Type	Size	
CODE	Text	255	reference code
DESCR	Text	255	description

Table: DicGen-ART (General dictionnary – habitat artificiality)

Columns

Name	Type	Size	
CODE	Text	255	reference code
DESCR	Text	255	description

Table: DicGen-BCL (General dictionnary – bioclimates)

Columns

Name	Type	Size	
CODE	Text	255	reference code
DESCR	Text	255	description

Table: DicGen-CNS (General dictionnary – conservation status)

Columns

Name	Type	Size	
CODE	Text	255	reference code
DESCR	Text	255	description

Table: DicGen-CON (General dictionnary – habitat condition)

Columns

Name	Type	Size	
CODE	Text	255	reference code
DESCR	Text	255	description

Table: DicGen-COR (General dictionnary – CORINE Biotopes sites)

Columns

Name	Type	Size	
CODE	Text	255	reference code
DESCR	Text	255	description
AREA	Number (Long)	4	area

Table: DicGen-COV (General dictionnary – flora cover classes)

Columns

Name	Type	Size	
CODE	Text	255	reference code
DESCR	Text	255	description

Table: DicGen-DOM (General dictionnary – flora dominance classes)

Columns

Name	Type	Size	
CODE	Text	255	reference code
DESCR	Text	255	description

Table: DicGen-FUN (General dictionnary – wetland functions)

Columns

Name	Type	Size	
CODE	Text	255	reference code
DESCR	Text	255	description

Table: DicGen-HAB (General dictionnary – MedWet habitat classification)

Columns

Name	Type	Size	
ID	Number (Long)	4	identity code
LEVEL	Text	255	hierarchy level
CODE	Text	255	classification code
DESCR	Text	255	description
PLEV1	Text	255	precedences level 1
PLEV2	Text	255	precedences level 2
PLEV3	Text	255	precedences level 3
PLEV4	Text	255	precedences level 4
PLEV5	Text	255	precedences level 5

Table: DicGen-HC1 (General dictionnary – CORINE Biotopes, to the 2nd level)

Columns

Name	Type	Size	
CODE	Text	255	reference code
DESCR	Text	255	description
DESCRM	Memo	-	remarks

Table: DicGen-HC2 (General dictionnary – CORINE Biotopes, detailed)

Columns

Name	Type	Size	
CODE	Text	9	identity code
DESCR	Text	80	description
L	Text	1	
FR	Yes/No	1	presence in France
IT	Yes/No	1	presence in Italy
GR	Yes/No	1	presence in Greece
ES	Yes/No	1	presence in Spain
PT	Yes/No	1	presence in Portugal
MW	Yes/No	1	
COM	Memo	-	
DESCRM	Memo	-	description remarks
REF	Memo	-	

Table: DicGen-HDA (General dictionnary – Habitat Directive, annex I)

Columns

Name	Type	Size	
CODE	Text	255	reference code
DESCR	Text	255	description
PRIORITY	Text	255	priority biotopes
MW	Yes/No	1	

Table: DicGen-HEI (General dictionnary – flora height classes)

Columns

Name	Type	Size	
CODE	Text	255	reference code
DESCR	Text	255	description

Table: DicGen-IBA (General dictionnary – Important Bird Areas sites)

Columns

Name	Type	Size	
CODE	Text	255	reference code
DESCR	Text	255	description
AREA	Number (Long)	4	area

Table: DicGen-IM1 (General dictionnary – activities importance 1)

Columns

Name	Type	Size	
CODE	Text	255	reference code
DESCR	Text	255	description

Table: DicGen-IM2 (General dictionnary – activities importance 2)

Columns

Name	Type	Size	
CODE	Text	255	reference code
DESCR	Text	255	description

Table: DicGen-IMP (General dictionnary – impacts)

Columns

Name	Type	Size	
CODE	Text	255	reference code
DESCR	Text	255	description

Table: DicGen-IN1 (General dictionnary – inflow 1)

Columns

Name	Type	Size	
CODE	Text	255	reference code
DESCR	Text	255	description

Table: DicGen-IN2 (General dictionnary – inflow 2)

Columns

Name	Type	Size	
CODE	Text	255	reference code
DESCR	Text	255	description

Table: DicGen-IWC (General dictionnary – IWC sites)

Columns

Name	Type	Size	
CODE	Text	255	reference code
DESCR	Text	255	description
AREA	Number (Long)	4	

Table: DicGen-LST (General dictionnary – list of categories)

Columns

Name	Type	Size	
Code	Text	255	code
Descr	Text	255	description
TableName	Text	255	table name
FormName	Text	255	form name

Table: DIcGen-NAT (General dictionnary – Natura 2000 sites)

Columns

Name	Type	Size	
CODE	Text	255	reference code
DESCR	Text	255	description
AREA	Number (Long)	4	

Table: DicGen-NUT (General dictionnary – NUTS regions)

Columns

Name	Type	Size	
CODE	Text	255	reference code
DESCR	Text	255	description

Table: DicGen-OTH (General dictionnary – other protection status)

Columns

Name	Type	Size	
CODE	Text	255	reference code
DESCR	Text	255	description
AREA	Number (Long)	4	area
DATA_TYPE	Text	255	

Table: DicGen-OUT (General dictionnary – outflow)

Columns

Name	Type	Size	
CODE	Text	255	reference code
DESCR	Text	255	description

Table: DicGen-PHR (General dictionnary – pH range classes)

Columns

Name	Type	Size	
CODE	Text	255	reference code

DESCR	Text	255	description

Table: DicGen-POS (General dictionnary – activity position)

Columns

Name	Type	Size	
CODE	Text	255	reference code
DESCR	Text	255	description

Table: DicGen-PR1 (General dictionnary – activity importance 1)

Columns

Name	Type	Size	
CODE	Text	255	reference code
DESCR	Text	255	description

Table: DicGen-PR2 (General dictionnary – activity importance 2)

Columns

Name	Type	Size	
CODE	Text	255	reference code
DESCR	Text	255	description

Table: DicGen-RAM (General dictionnary – Ramsar criteria)

Columns

Name	Type	Size	
CODE	Text	255	reference code
DESCR	Text	255	description
DESCRM	Memo	-	remarks

Table: DicGen-RSI (General dictionnary – Ramsar sites)

Columns

Name	Type	Size	
CODE	Text	255	reference code
DESCR	Text	255	description
AREA	Number (Long)	4	area

Table: DicGen-RWT (General dictionnary – Ramsar wetland types)

Columns

Name	Type	Size	
CODE	Text	255	reference code
DESCR	Text	255	description
DESCRM	Memo	-	remarks

Table: DicGen-SCA (General dictionnary – Impact scale)

Columns

Name	Type	Size	
CODE	Text	255	reference code
DESCR	Text	255	description

Table: DicGen-SDV (General dictionnary – Administrative divisions)

Columns

Name	Type	Size	
CODE	Text	255	reference code
DESCR	Text	255	description

Table: DicGen-STA (General dictionnary – fauna phenologic status)

Columns

Name	Type	Size	
CODE	Text	255	reference code
DESCR	Text	255	description

Table: DicGen-SVA (General dictionnary – site values)

Columns

Name	Type	Size	
CODE	Text	255	reference code
DESCR	Text	255	description

Table: DicGen-SYS (General dictionnary – fauna systematic groups)

Columns

Name	Type	Size	
CODE	Text	255	reference code
DESCR	Text	255	description

Table: DicGen-TAX (General dictionnary – taxonomic groups)

Columns

Name	Type	Size	
CODE	Text	255	reference code
DESCR	Text	255	description

Table: DicGen-TR1 (General dictionnary – activities trends 1)

Columns

Name	Type	Size	
CODE	Text	255	reference code
DESCR	Text	255	description

Table: DicGen-TR2 (General dictionnary – activities trends 2)

Columns

Name	Type	Size	
CODE	Text	255	reference code
DESCR	Text	255	description

Table: DicGen-TYP (General dictionnary – type of classification system)

Columns

Name	Type	Size	
CODE	Text	255	reference code
DESCR	Text	255	description

Table: DicGen-WPR (General dictionnary – water permanency)

Columns

Name	Type	Size	
CODE	Text	255	reference code
DESCR	Text	255	description

Table: DicGen-WSL (General dictionnary – water salinity)

Columns

Name	Type	Size	
CODE	Text	255	reference code
DESCR	Text	255	description

Table: DicGen-WVS (General dictionnary – wetland values)

Columns

Name	Type	Size	
CODE	Text	255	reference code
DESCR	Text	255	description

Table: DICINV (Dictionnary of Invertebrate species)

Columns

Name Type	Size		
ID_COD	Number (Double)	8	identity code
SPP_COD	Number (Double)	8	species code
COUNTRY_C	Text	2	country code
VALID_COD	Text	1	validation code
ORDER	Text	25	order name
FAMILY	Text	25	family name
GENUS	Text	25	genus name
SPECIES	Text	25	specific name
SUBSPECIES	Text	25	subspecies name
VAR_FORM	Text	40	variety name
HYBRID	Text	40	hybrid name
LOCAL	Text	50	local name
PRIOR	Text	1	priority species – Habitat Directive
ANNEX_II	Yes/No	1	Habitat Directive - annex II
SPCLIV	Yes/No	1	Habitat Directive - annex IV
SPCLV	Yes/No	1	Habitat Directive – annex V
SPBCAX1	Text	3	Bern Convention - appendices
SPAFRICA	Text	1	Africa Convention - appendices
CITES	Text	20	CITES - appendices
IUCN_REDL	Text	3	IUCN threatened species

NAT_REDL	Text	3	Nationally threatened species
FRANCE	Yes/No	1	Presence in France
ITALY	Yes/No	1	Presence in Italy
GREECE	Yes/No	1	Presence in Greece
SPAIN	Yes/No	1	Presence in Spain
PORTUGAL	Yes/No	1	Presence in Portugal
STATUS	Text	2	status
SPBONN_1	Text	1	Bonn Convention – appendix I
SPBONN_2	Text	1	Bonn Convention – appendix II

Table: DICLABELS (translation dictionnary)

Columns

Name	Type	Size	
FormCode	Text	255	form code
LabelNumber	Number (Double)	8	form label
Sequence	Text	255	sequence number
Alb	Text	255	albanian
Ara	Text	255	arabic
Bos	Text	255	bosnian
Bul	Text	255	bulgarian
Cas	Text	255	spanish
Cat	Text	255	catalan
Cro	Text	255	croatian
Eng	Text	255	english
Eus	Text	255	euskera
Fra	Text	255	french
Gal	Text	255	galician
Gre	Text	255	greek
Heb	Text	255	hebreu
Ita	Text	255	italian
Mal	Text	255	maltese
Por	Text	255	portuguese
Ser	Text	255	serbian
Slo	Text	255	slovene
Tur	Text	255	turkish
Val	Text	255	valencian
New1	Text	255	optional 1
New2	Text	255	optional 2
New3	Text	255	optional 3
New4	Text	255	optional 4
New5	Text	255	optional 5

Table: DICLANGLIST (List of languages)

Columns

Name	Type	Size	
Code	Text	50	code
Desig	Text	255	designation
Sort	Text	50	sort sequence
Note	Memo	-	remarks

Table: DICMAM (Dictionnary of Mammal species)

Columns

Name	Type	Size	
ID_COD	Number (Double)	8	identity code
SPP_COD	Number (Double)	8	species code
COUNTRY_C	Text	2	country code
VALID_COD	Text	1	validation code
ORDER	Text	25	order name
FAMILY	Text	25	family name
GENUS	Text	25	genus name
SPECIES	Text	25	specific name
SUBSPECIES	Text	25	subspecies name
VAR_FORM	Text	40	variety name
HYBRID	Text	40	hybrid name
LOCAL	Text	50	local name
PRIOR	Text	1	priority species – Habitat Directive
ANNEX_II	Yes/No	1	Habitat Directive - annex II
SPCLIV	Yes/No	1	Habitat Directive - annex IV
SPCLV	Yes/No	1	Habitat Directive – annex V
SPBCAX1	Text	3	Bern Convention - appendices
SPAFRICA	Text	1	Africa Convention - appendices
CITES	Text	20	CITES - appendices
IUCN_REDL	Text	3	IUCN threatened species
NAT_REDL	Text	3	Nationally threatened species

FRANCE	Yes/No	1	Presence in France
ITALY	Yes/No	1	Presence in Italy
GREECE	Yes/No	1	Presence in Greece
SPAIN	Yes/No	1	Presence in Spain
PORTUGAL	Yes/No	1	Presence in Portugal
STATUS	Text	2	status
SPBONN_1	Text	1	Bonn Convention – appendix I
SPBONN_2	Text	1	Bonn Convention – appendix II

Table: DICREP (Dictionnary of Reptile species)

Columns

Name	Type	Size	
ID_COD	Number (Double)	8	identity code
SPP_COD	Number (Double)	8	species code
COUNTRY_C	Text	2	country code
VALID_COD	Text	1	validation code
ORDER	Text	25	order name
FAMILY	Text	25	family name
GENUS	Text	25	genus name
SPECIES	Text	25	specific name
SUBSPECIES	Text	25	subspecies name
VAR_FORM	Text	40	variety name
HYBRID	Text	40	hybrid name
LOCAL	Text	50	local name
PRIOR	Text	1	priority species – Habitat Directive
ANNEX_II	Yes/No	1	Habitat Directive - annex II
SPCLIV	Yes/No	1	Habitat Directive - annex IV
SPCLV	Yes/No	1	Habitat Directive – annex V
SPBCAX1	Text	3	Bern Convention - appendices
SPAFRICA	Text	1	Africa Convention - appendices
CITES	Text	20	CITES - appendices
IUCN_REDL	Text	3	IUCN threatened species
NAT_REDL	Text	3	Nationally threatened species
FRANCE	Yes/No	1	Presence in France
ITALY	Yes/No	1	Presence in Italy
GREECE	Yes/No	1	Presence in Greece
SPAIN	Yes/No	1	Presence in Spain
PORTUGAL	Yes/No	1	Presence in Portugal
STATUS	Text	2	status
SPBONN_1	Text	1	Bonn Convention – appendix I
SPBONN_2	Text	1	Bonn Convention – appendix II

Table: HABITATAER (Aerial photographs by habitat)

Columns

Name	Type	Size	
WET_NUM	Number (Long)	4	habitat code
REF_NO	Text	255	aerial photo reference code

Table: METEODAT (Meteorological data dictionnary)

Columns

Name	Type	Size	
STATIO_COD	Text	4	meteorological station code
STATI_NAME	Text	60	meteo station name
WORD_COD	Text	10	WMO station code
ALTITUDE	Number (Double)	8	elevation
EVAPO_MIN	Number (Double)	8	minimum evaporation
EVAPO_MAX	Number (Double)	8	maximum evaporation
EVAPO_AVG	Number (Double)	8	average evaporation
ICE_COVER	Number (Double)	8	days of ice/snow cover
TEMP_AVG	Number (Double)	8	average temperature
TEMP_RECO1	Text	4	recording year from
TEMP_RECO2	Text	4	to record year
TEMP_JAN	Number (Double)	8	temperature, January
TEMP_FEB	Number (Double)	8	temperature, February
TEMP_MAR	Number (Double)	8	temperature, March
TEMP_APR	Number (Double)	8	temperature, April
TEMP_MAY	Number (Double)	8	temperature, May
TEMP_JUN	Number (Double)	8	temperature, June
TEMP_JUL	Number (Double)	8	temperature, July
TEMP_AUG	Number (Double)	8	temperature, August
TEMP_SEP	Number (Double)	8	temperature, September
TEMP_OCT	Number (Double)	8	temperature, October
TEMP_NOV	Number (Double)	8	temperature, November
TEMP_DEC	Number (Double)	8	temperature, December

RAIN_AVG	Number (Double)	8	average rainfall
RAIN_RECO1	Text	4	recording year from
RAIN_RECO2	Text	4	to recording year
RAIN_JAN	Number (Double)	8	rainfall, January
RAIN_FEB	Number (Double)	8	rainfall, February
RAIN_MAR	Number (Double)	8	rainfall, March
RAIN_APR	Number (Double)	8	rainfall, April
RAIN_MAY	Number (Double)	8	rainfall, May
RAIN_JUN	Number (Double)	8	rainfall, June
RAIN_JUL	Number (Double)	8	rainfall, July
RAIN_AUG	Number (Double)	8	rainfall, August
RAIN_SEP	Number (Double)	8	rainfall, September
RAIN_OCT	Number (Double)	8	rainfall, October
RAIN_NOV	Number (Double)	8	rainfall, November
RAIN_DEC	Number (Double)	8	rainfall, December
REMARKS	Memo	-	remarks

Table: MWDAER Dictionnary of Aerial photographs)

Columns

Name	Type	Size	
REF_NO	Text	255	reference code
TITLE	Text	240	title
SCALE	Text	15	scale
SOURCE	Text	100	source
YEAR	Text	8	year
REFERENCE	Text	30	reference
TYPE	Text	100	type of aerial photo
PICTURE	OLE Object	-	picture file

Table: MWDCOM (Dictionnary of compilers)

Columns

Name	Type	Size	
CODE	Text	50	reference code
DESCR	Text	40	description
ORGANISAT	Text	100	organisation
ADDRESS	Text	100	address
CITY	Text	25	city
COUNTRY	Text	25	country
PHONE	Text	15	telephone
FAX	Text	15	fax
E_MAIL	Text	25	e-mail

Table: MWDKC (Dictionnary of key contacts)

Columns

Name	Type	Size	
CODE	Text	50	reference code
DESCR	Text	40	description
ORGANISAT	Text	100	organisation
ADDRESS	Text	100	address
CITY	Text	25	city
COUNTRY	Text	25	country
PHONE	Text	15	telephone
FAX	Text	15	fax
E_MAIL	Text	25	e-mail

Table: MWDMAP (Dictionnary of maps)

Columns

Name	Type	Size	
REF_NO	Text	255	reference code
TITLE	Text	240	title
SCALE	Text	15	scale
SOURCE	Text	100	source
YEAR	Text	8	year
REFERENCE	Text	30	reference
TYPE	Text	100	type of map
PROJECTION	Text	100	projection

Table: MWDREF (Dictionnary of bibliograpfic references)

Columns

Name	Type	Size	
REF_NO	Text	255	reference code
AUTHOR	Text	100	author(s)

TITLE	Text	240	title
YEAR	Text	8	year
PUBLISHER	Text	120	publisher
LOCATION	Text	60	location

Table: OBSAMP (Observations of Amphibians)

Columns

Name	Type	Size	
SITE_COD	Text	10	site code
SPEC_NUM	Number (Long)	4	species number
CLASSIFIC	Text	255	classification type of habitat
WET_HAB	Text	255	habitat
WET_NUM	Number (Long)	4	habitat code
H1	Text	255	MedWet system
H2	Text	255	MedWet subsystem
H3	Text	255	MedWet class
H4	Text	255	MedWet subclass
H5	Text	255	MedWet modifier 1
H6	Text	255	MedWet modifier 2
H7	Text	255	MedWet modifier 3
HAB_DOM	Text	255	Dominance type
HAB_NUM	Number (Double)	8	Counter
SPEC_COD	Number (Double)	8	species code
NUMBER	Number (Double)	8	number
ABUNDANCE	Text	255	abundance
STATUS	Text	255	status
BRIDDATE_M	Text	255	month of recording
BRIDDATE_Y	Text	255	year of recording
NO_PAIRS	Number (Double)	8	number of pairs
REMARKS	Memo	-	remarks

Table: OBSBRD(Observations of Birds)

Columns

Name	Type	Size	
SITE_COD	Text	10	site code
SPEC_NUM	Number (Long)	4	species number
CLASSIFIC	Text	255	classification type of habitat
WET_HAB	Text	255	habitat
WET_NUM	Number (Long)	4	habitat code
H1	Text	255	MedWet system
H2	Text	255	MedWet subsystem
H3	Text	255	MedWet class
H4	Text	255	MedWet subclass
H5	Text	255	MedWet modifier 1
H6	Text	255	MedWet modifier 2
H7	Text	255	MedWet modifier 3
HAB_DOM	Text	255	Dominance type
HAB_NUM	Number (Double)	8	Counter
SPEC_COD	Number (Double)	8	species code
NUMBER	Number (Double)	8	number
ABUNDANCE	Text	255	abundance
STATUS	Text	255	status
BRIDDATE_M	Text	255	month of recording
BRIDDATE_Y	Text	255	year of recording
NO_PAIRS	Number (Double)	8	number of pairs
REMARKS	Memo	-	remarks

Table: OBSFLO (Observations of Flora

Columns

Name	Type	Size	
SITE_COD	Text	10	site code
SPEC_NUM	Number (Long)	4	species number
CLASSIFIC	Text	255	classification type of habitat
WET_HAB	Text	255	habitat
WET_NUM	Number (Long)	4	habitat code
H1	Text	255	MedWet system
H2	Text	255	MedWet subsystem
H3	Text	255	MedWet class
H4	Text	255	MedWet subclass
H5	Text	255	MedWet modifier 1
H6	Text	255	MedWet modifier 2
H7	Text	255	MedWet modifier 3
HAB_DOM	Text	255	Dominance type
HAB_NUM	Number (Double)	8	Counter

SPEC_COD	Number (Double)	8	species code
COVER	Text	255	cover
HEIGHT	Text	255	height
DOM_TYPE	Text	255	dominance type
REMARKS	Memo	-	remarks

Table: OBSFSH (Observations of Fishes)

Columns

Name	Type	Size	
SITE_COD	Text	10	site code
SPEC_NUM	Number (Long)	4	species number
CLASSIFIC	Text	255	classification type of habitat
WET_HAB	Text	255	habitat
WET_NUM	Number (Long)	4	habitat code
H1	Text	255	MedWet system
H2	Text	255	MedWet subsystem
H3	Text	255	MedWet class
H4	Text	255	MedWet subclass
H5	Text	255	MedWet modifier 1
H6	Text	255	MedWet modifier 2
H7	Text	255	MedWet modifier 3
HAB_DOM	Text	255	Dominance type
HAB_NUM	Number (Double)	8	Counter
SPEC_COD	Number (Double)	8	species code
NUMBER	Number (Double)	8	number
ABUNDANCE	Text	255	abundance
STATUS	Text	255	status
BRIDDATE_M	Text	255	month of recording
BRIDDATE_Y	Text	255	year of recording
NO_PAIRS	Number (Double)	8	number of pairs
REMARKS	Memo	-	remarks

Table: OBSINV(Observations of Invertebrates)

Columns

Name	Type	Size	
SITE_COD	Text	10	site code
SPEC_NUM	Number (Long)	4	species number
CLASSIFIC	Text	255	classification type of habitat
WET_HAB	Text	255	habitat
WET_NUM	Number (Long)	4	habitat code
H1	Text	255	MedWet system
H2	Text	255	MedWet subsystem
H3	Text	255	MedWet class
H4	Text	255	MedWet subclass
H5	Text	255	MedWet modifier 1
H6	Text	255	MedWet modifier 2
H7	Text	255	MedWet modifier 3
HAB_DOM	Text	255	Dominance type
HAB_NUM	Number (Double)	8	Counter
SPEC_COD	Number (Double)	8	species code
NUMBER	Number (Double)	8	number
ABUNDANCE	Text	255	abundance
STATUS	Text	255	status
BRIDDATE_M	Text	255	month of recording
BRIDDATE_Y	Text	255	year of recording
NO_PAIRS	Number (Double)	8	number of pairs
REMARKS	Memo	-	remarks

Table: OBSMAM (Observations of Mammals)

Columns

Name	Type	Size	
SITE_COD	Text	10	site code
SPEC_NUM	Number (Long)	4	species number
CLASSIFIC	Text	255	classification type of habitat
WET_HAB	Text	255	habitat
WET_NUM	Number (Long)	4	habitat code
H1	Text	255	MedWet system
H2	Text	255	MedWet subsystem
H3	Text	255	MedWet class
H4	Text	255	MedWet subclass
H5	Text	255	MedWet modifier 1
H6	Text	255	MedWet modifier 2
H7	Text	255	MedWet modifier 3
HAB_DOM	Text	255	Dominance type

HAB_NUM	Number (Double)	8	Counter
SPEC_COD	Number (Double)	8	species code
NUMBER	Number (Double)	8	number
ABUNDANCE	Text	255	abundance
STATUS	Text	255	status
BRIDDATE_M	Text	255	month of recording
BRIDDATE_Y	Text	255	year of recording
NO_PAIRS	Number (Double)	8	number of pairs
REMARKS	Memo	-	remarks

Table: OBSREP (Observations of Reptiles)

Columns

Name	Type	Size	
SITE_COD	Text	10	site code
SPEC_NUM	Number (Long)	4	species number
CLASSIFIC	Text	255	classification type of habitat
WET_HAB	Text	255	habitat
WET_NUM	Number (Long)	4	habitat code
H1	Text	255	MedWet system
H2	Text	255	MedWet subsystem
H3	Text	255	MedWet class
H4	Text	255	MedWet subclass
H5	Text	255	MedWet modifier 1
H6	Text	255	MedWet modifier 2
H7	Text	255	MedWet modifier 3
HAB_DOM	Text	255	Dominance type
HAB_NUM	Number (Double)	8	Counter
SPEC_COD	Number (Double)	8	species code
NUMBER	Number (Double)	8	number
ABUNDANCE	Text	255	abundance
STATUS	Text	255	status
BRIDDATE_M	Text	255	month of recording
BRIDDATE_Y	Text	255	year of recording
NO_PAIRS	Number (Double)	8	number of pairs
REMARKS	Memo	-	remarks

Table: SITEACT

Columns

Name Type	Size		
SITE_COD	Text	10	site code
SPEC_NUM	Number (Long)	4	species number
CLASSIFIC	Text	255	classification type of habitat
WET_HAB	Text	255	habitat
WET_NUM	Number (Long)	4	habitat code
H1	Text	255	MedWet system
H2	Text	255	MedWet subsystem
H3	Text	255	MedWet class
H4	Text	255	MedWet subclass
H5	Text	255	MedWet modifier 1
H6	Text	255	MedWet modifier 2
H7	Text	255	MedWet modifier 3
HAB_DOM	Text	255	Dominance type
HAB_NUM	Number (Double)	8	Counter
ACTIV_COD	Text	255	activity code
POSITION	Text	255	position reference code
TREND1	Text	255	trend 1 reference code
TREND2	Text	255	trend 2 reference code
IMPORTANC1	Text	255	importance 1 reference code
IMPORTANC2	Text	255	importance 2 reference code
COVER	Number (Double)	8	cover
REMARKS	Memo	-	remarks

Table: SITEAER (Aerial photographs by site)

Columns

Name	Type	Size	
SITE_COD	Text	10	site code
REF_NO	Text	255	aerial photo reference code

Table: SITECONS (Conservation status by site)

Columns

Name	Type	Size	
SITE_COD	Text	10	site code
STATUS_COD	Text	5	status reference code

DESIGNATIO	Text	150	designation
LEGISLAT	Text	150	legislation
COVER	Number (Double)	8	cover

Table: SITEFUN (wetland functions by site)

Columns

Name	Type	Size	
SITE_COD	Text	10	site code
VALUE_COD	Text	3	value code
SCALE1	Text	1	international scale
SCALE2	Text	1	national scale
SCALE3	Text	1	regional scale
SCALE4	Text	1	local scale
REMARKS	Memo	-	remarks

Table: SITEHAB (habitats by site)

Columns

Name	Type	Size	
SITE_COD	Text	10	site code
CLASSIFIC	Text	255	classification system
WET_HAB	Text	255	wetland type
WET_NUM	Number (Long)	4	habitat counter
W_Name	Text	255	short description
H1id	Number (Long)	4	system key control
H1code	Text	255	system
H2id	Number (Long)	4	system key control
H2code	Text	255	subsystem
H3id	Number (Long)	4	system key control
H3code	Text	255	class
H4id	Number (Long)	4	system key control
H4code	Text	255	subclass
H5id	Number (Long)	4	system key control
H5code	Text	255	modifier 1
H6id	Number (Long)	4	system key control
H6code	Text	255	modifier 2
H7code	Text	255	modifier 3
HAB_DOM	Text	255	habitat dominance
HAB_NUM	Number (Double)	8	dominance counter
PERMANENCY	Text	255	water permanency
SALINITY	Text	255	salinity
AREA	Number (Double)	8	area
MAX_DEPTH	Number (Double)	8	maximum depth
CONDITION	Text	255	habitat condition
ARTIFICIAL	Text	255	artificiality
PH_RANGE	Text	255	pH range class
W_DESCR	Memo	-	description

Table: SITEHDA (Habitats of Annex I of Habitats Directive by site)

Columns

Name	Type	Size	
SITE_COD	Text	10	site code
HDA_COD	Text	4	habitat Annex I code
COVER	Number (Double)	8	cover

Table: SITEHTC1 (CORINE biotopes general by site)

Columns

Name	Type	Size	
SITE_COD	Text	10	site code
CBHT_COD	Text	2	biotope code
COVER	Number (Double)	8	cover

Table: SITEHTC2 (CORINE biotopes detailed by site)

Columns

Name	Type	Size	
SITE_COD	Text	10	site code
CBHT_COD	Text	9	biotope code
COVER	Number (Double)	8	cover

Table: SITEIMP (Impacts by site)

Columns

Name	Type	Size

SITE_COD	Text	10	site code
SPEC_NUM	Number (Long)	4	species number
CLASSIFIC	Text	255	classification type of habitat
WET_HAB	Text	255	habitat
WET_NUM	Number (Long)	4	habitat code
H1	Text	255	MedWet system
H2	Text	255	MedWet subsystem
H3	Text	255	MedWet class
H4	Text	255	MedWet subclass
H5	Text	255	MedWet modifier 1
H6	Text	255	MedWet modifier 2
H7	Text	255	MedWet modifier 3
HAB_DOM	Text	255	Dominance type
HAB_NUM	Number (Double)	8	Counter
ACTIV_COD	Text	255	activity code
IMPACT_COD	Text	255	impact code
SCALE	Text	255	scale reference code
REFERNUM	Number (Double)	8	reference number
REMARKS	Memo	-	remarks

Table: SITEINFL (Inflow by site)

Columns

Name	Type	Size	
SITE_COD	Text	10	site code
INFLOW1	Text	1	inflow 1 reference code
INFLOW2	Text	1	inflow 2 reference code

Table: SITEINFO (site information)

Columns

Name	Type	Size	
SITE_COD	Text	10	site code
SITE_NAME	Text	50	site name
OTHER_NAME	Text	50	other site names
NATURA_COD	Text	10	Natura 2000 site code
CORINE_COD	Text	10	CORINE site code
RAMSAR_COD	Text	10	Ramsar site code
MEDSPA_COD	Text	10	Barcelona Conv. Site code
IWC_COD	Text	10	IWC site code
IBA_COD	Text	10	IBA site code
OTHER1_CLASS	Text	50	other status designations 1
OTHER1_COD	Text	20	designation 1 site code
OTHER2_CLASS	Text	50	other status designations 2
OTHER2_COD	Text	20	designation 2 site code
LATDEG	Number (Double)	8	latitude, degrees
LATMIN	Number (Double)	8	latitude, minutes
LATSEC	Number (Double)	8	latitude, seconds
NORTHINGS	Text	1	north/south
LONDEG	Number (Double)	8	longitude, degrees
LONMIN	Number (Double)	8	longitude, minutes
LONSEC	Number (Double)	8	longitude, seconds
EASTINGS	Text	1	east/west
UTM	Text	7	UTM grid square
ALTITUDE1	Number (Double)	8	altitude, minimum
ALTITUDE2	Number (Double)	8	altitude, maximum
ALTITUDE3	Number (Double)	8	altitude, average
CATCH_COD	Text	4	catchment area reference code
COMPLE_COD	Yes/No	1	complex code?
COMPLE_NAM	Text	60	complex name
LATDEG1	Number (Double)	8	complex latitude, degrees
LATMIN1	Number (Double)	8	complex latitude, minutes
LATSEC1	Number (Double)	8	complex latitude, seconds
NORTHINGS1	Text	1	complex, north/south
LONDEG1	Number (Double)	8	complex longitude, degrees
LONMIN1	Number (Double)	8	complex longitude, minutes
LONSEC1	Number (Double)	8	complex longitude, seconds
EASTINGS1	Text	1	complex east/west
AREA_WET	Number (Double)	8	area
LENGTH	Number (Double)	8	river length
BIOCL_COD	Text	1	bioclimate reference code
DISTANCE	Number (Double)	8	distance to closest meteo station
METEO_COD	Text	4	meteo station
COMPILER	Text	50	compiler reference code
EDITDATE	Date/Time	8	edition date
COLLE_DATE	Date/Time	8	hidrology collecting data date
WATER1_JAN	Text	1	water presence, January (spatial)

WATER2_JAN	Text	1	water presence, January (temporal)
WATER1_FEB	Text	1	water presence, February (spatial)
WATER2_FEB	Text	1	water presence, February (temporal)
WATER1_MAR	Text	1	water presence, March (spatial)
WATER2_MAR	Text	1	water presence, March (temporal)
WATER1_APR	Text	1	water presence, April (spatial)
WATER2_APR	Text	1	water presence, April (temporal)
WATER1_MAY	Text	1	water presence, May (spatial)
WATER2_MAY	Text	1	water presence, May (temporal)
WATER1_JUN	Text	1	water presence, June (spatial)
WATER2_JUN	Text	1	water presence, June (temporal)
WATER1_JUL	Text	1	water presence, July (spatial)
WATER2_JUL	Text	1	water presence, July (temporal)
WATER1_AUG	Text	1	water presence, August (spatial)
WATER2_AUG	Text	1	water presence, August (temporal)
WATER1_SEP	Text	1	water presence, September (spatial)
WATER2_SEP	Text	1	water presence, September (temporal)
WATER1_OCT	Text	1	water presence, October (spatial)
WATER2_OCT	Text	1	water presence, October (temporal)
WATER1_NOV	Text	1	water presence, November (spatial)
WATER2_NOV	Text	1	water presence, November (temporal)
WATER1_DEC	Text	1	water presence, December (spatial)
WATER2_DEC	Text	1	water presence, December (temporal)
SITE_LOC	Memo	-	site location
SITE_DESCR	Memo	-	site description
SITE_METE	Memo	-	site meteorological remarks
SITE_FLOW	Memo	-	site flow remarks
SITE_FLOOD	Memo	-	site flooding remarks
SITE_GEO	Memo	-	site geology and geomorphology
SITE_SPEC	Memo	-	special remarks
SITE_STAT	Memo	-	site status remarks
SITE_CONS	Memo	-	site conservation remarks
SITE_RESEA	Memo	-	site research facilities
SITE_TENUR	Memo	-	site tenure
SITE_MANA	Memo	-	site management
SITE_ADD	Memo	-	additional remarks
SITE_REMARKS	Memo	-	description remarks

Table: SITEKC (Key contacts by site)

Columns

Name	Type	Size	
SITE_COD	Text	10	site code
KEYCONTACT	Text	255	key contact reference code

Table: SITEMAP (Maps by site)

Columns

Name	Type	Size	
SITE_COD	Text	10	site code
REF_NO	Text	255	map reference code

Table: SITENUTS (NUTS regions by site)

Columns

Name	Type	Size	
SITE_COD	Text	10	site code
NUTS_COD	Text	10	NUTS reference code
SUBDIVISI	Text	255	subdivision reference code
COVER	Number (Double)	8	cover

Table: SITEOUTF (Outflow by site)

Columns

Name	Type	Size	
SITE_COD	Text	10	site code
OUTFLOW	Text	1	outflow reference code

Table: SITEPHOTOS (Images by site)

Columns

Name	Type	Size	
SITE_COD	Text	10	site code
TITLE	Text	50	title
DESCR	Text	50	description
PICTURE	OLE Object	-	image's file name

Table: SITERAM (Ramsar criteria by site)

Columns

Name	Type	Size	
SITE_COD	Text	10	site code
RAMSAR_COD	Text	3	Ramsar criteria reference code
REMARKS	Memo	-	remarks

Table: SITEREF (References by site)

Columns

Name	Type	Size	
SITE_COD	Text	10	site code
REF_NO	Text	255	reference code

Table: SITERWT (Ramsar wetland types by site)

Columns

Name	Type	Size	
SITE_COD	Text	10	site code
RWT_COD	Text	2	ramsar wetland type reference code
COVER	Number (Double)	8	cover