



Fauna Europaea - IT facts



EU 5TH Framework Programme

System description

Database: Fauna Europaea, full relational SQL db
 Development tools: MS Access, MS SQL Server, Delphi 5
 Languages: HTML, JavaScript, SQL
 Platforms: Windows 2000 server
 Server: DELL Poweredge 4400 w/ RAID5 configuration
 Post-delivery: 2500 / 250-50 / 20000 core
 Internet connection: Tinet 4
 Data exchange language: XML
 Character character sets: Not Latin ASCII characters are treated as hard characters

Future:
 Database: Oracle
 Platform: Unix
 Server: IBM P5M PPC w/ 3GB memory (4 SAM)



Intro

The Fauna Europaea Project will assemble a comprehensive, validated index of all European land and freshwater animals. Leading experts in taxonomy will provide information on scientific and common names, and the distribution of all species currently known in Europe in the database. Taxonomic information will be augmented with information on relevant legislation and past and endangered status. Links will provide access to other sources of information such as an ecology and genetics. As an EU Network Network the Fauna Europaea database has been planned to provide an overview of the current knowledge of our species, pinpoint the areas in which knowledge is lacking and provide a gateway for further scientific research.

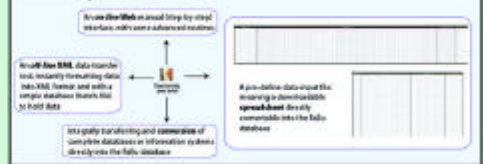
In close collaboration with other global and European taxonomic database initiatives (e.g. European PlantBase, DMS, Species 2000, GBIF) the Fauna Europaea index is planned to function as an electronic gateway to provide access to and link various biological information systems to permit the integrated search of biological data.

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System development



Data entry tools



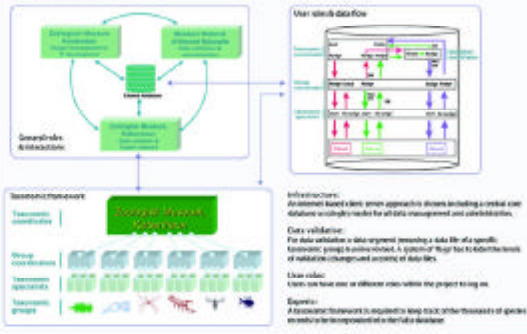
Geography

Country	Number of species
Albania	1
Andorra	0
Austria	1
Belarus	1
Belgium	1
Bulgaria	1
Croatia	1
Czechia	1
Denmark	1
Estonia	1
Finland	1
France	1
Germany	1
Greece	1
Hungary	1
Iceland	1
Ireland	1
Italy	1
Latvia	1
Lithuania	1
Malta	1
Netherlands	1
Norway	1
Poland	1
Portugal	1
Romania	1
Slovakia	1
Slovenia	1
Spain	1
Sweden	1
Switzerland	1
Turkey	1
Ukraine	1
United Kingdom	1
Yugoslavia	1



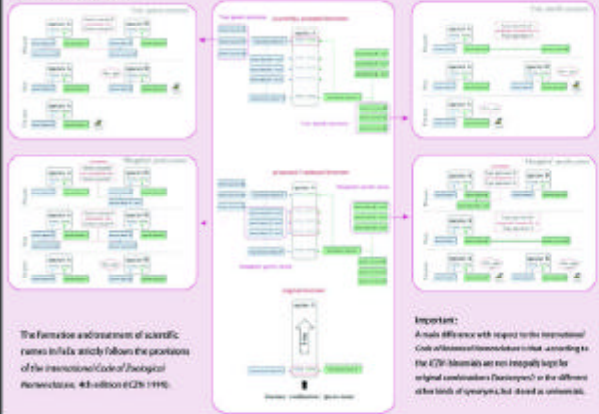
The Fauna Europaea system will initially follow the EU treaty (EMU) standards with application of ISO 3100 to correct modifications in new political situations and adjustments to the geo-political scope of the project.

Infrastructure



www.faunaeur.org

Nomenclature



Data access & management tool

