



Is *Arnica montana* strictly protected ?

...this question and other aspects of animal and plant conservation and the underlying species conservation legislation can now be easily addressed by searching the

Internet Database *WISIA-online* at www.wisia.de.

Overlooking the great number of species conservation conventions, ordinances and regulations valid for Europe or even for Germany only, is a difficult task. Besides the **Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES)**, which is implemented by **EC Regulation No 338/97**, there are the **EC Birds Directive** and the **EC Habitats Directive**, as well as the German national regulations in the **Federal Nature Conservation Act (BNatSchG)** and in the **Federal Ordinance on the Conservation of Species (BArtSchV)**.

WISIA-online helps identify the protection status of a given plant or animal species. This internet tool presents, for the first time, a synoptic view of the diverse field of species conservation legislation.

A permanent up-date of data is guaranteed by the Federal Agency for Nature Conservation (Bundesamt für Naturschutz) as soon as one of the species conservation regularizations on which *WISIA-online* is based will be amended.

Search

Queries in *WISIA-online* may be executed using either the full scientific name or only a part of it. Search for German vernacular names is possible, too.

Queries to *WISIA-online* will generate an alphabetical species list with the following information:

- ! scientific name of the species resp. genus,
- ! German vernacular name,
- ! protection status: specially or strictly protected,
- ! annexes of the species conservation regularizations covered by *WISIA online*,
- ! indication: plant or animal

Some regularizations limit the scope of protection of species and genera by additional legal requirements.

These annotations and amendments are provided by *WISIA online* as footnotes to the annexes of the regularization. A complete list of annotations used in *WISIA-online* is available and can be printed.

scientific name	German name	specially protected	strictly protected	BArtSchV	EG-VO	FFH	VSR	kingdom
<i>Aquila adalberti</i>	Spanischer Kaiseradler	b	s		A		X	Animal
<i>Aquila audax</i>	Keilschwanzadler	b			B			Animal
<i>Aquila chrysaetos</i>	Steinadler	b	s		A		X	Animal
<i>Aquila clanga</i>	Schelladler	b	s		A		X	Animal
<i>Aquila gurneyi</i>	Molukkenadler	b			B			Animal
<i>Aquila heliaca</i>	Kaiseradler	b	s		A		X	Animal
<i>Aquila nipalensis</i>	Steppenadler	b			B		X	Animal
<i>Aquila pomarina</i>	Schreiadler	b	s		A		X	Animal
<i>Aquila rapax</i>	Raubadler	b			B		X	Animal
<i>Aquila verreauxii</i>	Kaffernadler	b			B			Animal
<i>Aquila wahlbergi</i>	Wahlbergadler	b			B			Animal
<i>Aquila (spp.)</i>	Adler		b		B		X	Animal
<i>Aquilaria malaccensis</i>								Plant
<i>Aquila alpina</i>	Alpen-A...							Plant
<i>Aquila atrata</i>	Schwarz							Plant
<i>Aquila aurea</i>	Goldgelb							Plant
<i>Aquila bernardii</i>	Bernardi							Plant
<i>Aquila bertolonii</i>	Bertoloni							Plant
<i>Aquila dinarica</i>	Dinarisc							Plant
<i>Aquila einseleana</i>	Einsele							Plant
<i>Aquila grata</i>	Angenehme Akelei	b						Plant

The search can be restricted to animals or plants or to single regularizations. All outputs can be either printed or saved in a file for further use. The user interface of *WISIA online* is available in both German and English.

Who needs *WISIA-online*?

With *WISIA-online* the Federal Agency for Nature Conservation provides a continuing service for everyone concerned with species conservation. It is a useful tool for customs officers, companies trading in animals and plants, animal breeders and plant nurseries, associations, and generally for the interested public.

Wisia-online in figures

! Table 1 shows the number of genera and species specially or strictly protected (besonders or streng geschützt) covered by *WISIA-online*. The database holds information on animals of 1407 genera and 7218 species; on the plant side it contains 2821 species from 1034 genera.

On all animal groups, except stone corals, you will find information on species level. Some species-rich plant genera, however, were not broken down on species level: *Aloe*, *Ceropegia*, *Crocus*, *Fritillaria*, *Iris*, *Lilium*, *Nepenthes*, *Scilla*, *Tulipa*, Cactaceae, *Cyathea*, *Dicksonia*, and Orchidaceae. The family of Orchidaceae alone, which is included as a whole in CITES Appendix II, contains an estimated 17,500-30,000 species worldwide. No complete standard reference list for this plant family exists. A breakdown of higher plant groups down to species level is always provided (1) if their protection status is differentiated by text annotations, and (2) for those taxa that fall into the highest protection level of being strictly protected.

! Table 2 summarizes the number of genera and species included in the species protection regularizations which are contained in *WISIA-online*. The CITES-EC Regulation No 338/97 alone, which implements CITES in the European Union, covers 4756 animal species in its annexes A and B.

Publication of the printed version

In parallel to the internet presentation of *WISIA-online*, a printed version ("Bekanntmachung der besonders und streng geschützten Tier- und Pflanzenarten gemäß § 20a Abs. 5 des Bundesnaturschutzgesetzes") has been published on 20. February 2001 as annex in '*Bundesanzeiger*', which is the official German organ for legislative publications.

The publication offers an alphabetical compilation

Table 1: Number of genera and species specially or strictly protected			
		specially protected	strictly protected
Animals	genera	1 304	103
	species	6 203	1 215
Plants	genera	1 023	11
	species	2 150	671

Table 2: Number of genera and species covered by the species conservation regularizations contained in <i>WISIA-online</i>					
		EC Regulation No 338/97 Annexes A+B	Habitats Directive Ann. IV	EC Birds Directive	BArtSchV
Animals	genera	841	37	278	311
	species	4 756	291	641	1 767
Plants	genera	968	0	-	66

Source for printed version

The publication "Bekanntmachung der besonders und streng geschützten Tier- und Pflanzenarten gemäß §20a Abs. 5 des Bundesnaturschutzgesetzes" was edited by the German Federal Ministry of Justice as annex of *Bundesanzeiger*, vol. 53 no. 35a.


Please order at: Bundesanzeiger Verlagsgesellschaft mbH, Postfach 1005344, 50445 Köln, ISSN 0720-6100.

Price: DM 36,80 for private customers.

of the animal and plant species that are specially or strictly protected. Due to their common data source *WISIA-online* and its printed version provide equal information. The printed list comprises 283 pages. Animals and plants are listed separately.

WISIA-online was realized in cooperation with *Verlag für Interaktive Medien (V.I.M.)*.

If you want to create a link to *WISIA-online*, please use <http://www.wisia.de> and inform us at wisia@bfn.de.

<p>Bundesamt für Naturschutz Konstantinstraße 110 53179 Bonn www.bfn.de</p> <p>V.I.M. - Verlag für Interaktive Medien GbR Orchideenweg 12 76571 Gaggenau Tel.: 07225/79137 E-mail: postmaster@vim.de, http://www.vim.de</p>	 <p>BUNDESAMT FÜR NATURSCHUTZ</p>
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------