

Interpreting the habitats of Annex I

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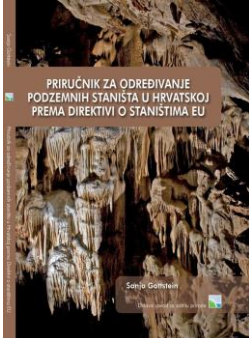

The European Commission publish an Interpretation Manual¹ which has been revised on several occasions with the last edition published in 2007. However many countries, and some regions, have published their own guides to the habitats of annex I. These vary from translations of the EU guidance, although often with photos, to detailed descriptions of the habitats as they occur in a given country or region. In some countries guidance takes the form of a table of correspondence with a national classification of habitats, as in Romania and the United Kingdom.

Most of these manuals have been published as books with many available as a PDF file although some are only available in the form of a website.

The following list is almost certainly incomplete, if you know of any more relevant publications or websites please contact Doug Evans at the ETC/BD (evans@mnhn.fr).


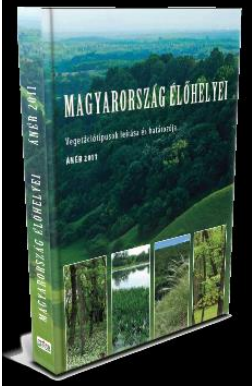
<p style="text-align: center;">Austria</p> 	<p>Ellmauer, T. & Traxler, A 2000 <i>Handbuch der FFH-lebensraumtypen Österreichs</i>. Monographien Band 130, Umweltbundesamt, Vienna</p> <p>www.umweltbundesamt.at/fileadmin/site/publikationen/M130z.pdf</p>
<p style="text-align: center;">Belgium</p> 	<p>(Flanders) Decler, K., (ed), 2007.- <i>Europees beschermde natuur in Vlaanderen en het Belgisch deel van de Noordzee : habitattypen, dier- en plantensoorten</i>. Instituut voor Natuur en Bosonderzoek, Brussels.</p>

¹ European Commission, 2007. - *Interpretation manual of European Union habitats* - EUR 27. DG Environment - Nature and Biodiversity.
http://ec.europa.eu/environment/nature/legislation/habitatsdirective/docs/2007_07_im.pdf

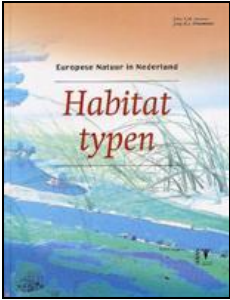

<p>Bulgaria</p> 	<p>Ръководство за определяне на местообитания от европейска значимост в България (Guidelines for Habitats of European interest in Bulgaria) http://assets.panda.org/downloads/natura2000_bg_field_guide2005_bg.pdf</p>
<p>Croatia</p>   	<p>Topić, J. & Vukelić, J. (2009) <i>Priručnik za određivanje kopnenih staništa u Hrvatskoj prema Direktivi o staništima EU</i> Državnog zavoda za zaštitu prirode, Zagreb.</p> <p>Gottstein, S. (2010) <i>Priručnik za određivanje podzemnih staništa u Hrvatskoj prema Direktivi o staništima EU</i>. Državnog zavoda za zaštitu prirode, Zagreb.</p> <p>Bakran-Petricioli, T (2011) <i>Priručnik za određivanje morskih staništa u Hrvatskoj prema Direktivi o staništima EU</i>. Državnog zavoda za zaštitu prirode, Zagreb.</p>
<p>Cyprus</p>	


<p>Czech Republic</p> 	<p>Table of correspondence with national habitat classification</p> <p>Chytrý, Milan et al (editors) 2010. <i>Katalog biotopů České republiky. Druhé vydání.</i> Agentura ochrany přírody a krajiny ČR, Prague. 445 p</p> <p>Chytrý, M., Kušera, T. & Kořín, M. (editors) 2001 <i>Katalog biotopu České republiky</i> . Agentura ochrany přírody a krajiny Czech, Prague.</p> <p>http://www.usbe.cas.cz/people/kucera/N2000/Katalog_biotopu.pdf</p>
<p>Denmark</p> 	<p><i>Danske naturtyper i det europæiske NATURA 2000 netværk 2000</i> Skov- og Naturstyrelsen</p> <p>http://www.sns.dk/udgivelser/2001/87-7279-400-3/helepubl.pdf</p> <p>Further information is available in <i>Habitatbeskrivelser v. 1.05</i> http://mst.dk/media/128611/habitatbeskrivelser-2016-ver-105.pdf</p>
<p>Estonia</p> 	<p>Paal, J. 2004a <i>Loodusdirektiivi" elupaigatüüpide käsiraamat.</i> Digimap OÜ, Tallinn</p> <p>Paal, J. 2004b <i>Euroopas Väärtustatud Elupaigad Eestis.</i> Ilo Print, Tallinn</p>
<p>Finland</p> 	<p>Airaksinen, Outi & Krister Karttunen (eds.) 2001 <i>Natura 2000 -luontotyyppiopas</i> Ympäristöopas 46, luonto ja luonnonvarat,</p> <p>http://www.environment.fi/download.asp?contentid=10033&lan=fi</p> <p>(also in Swedish)</p> <p><i>Natura 2000 handbok över de finska naturtyperna</i></p> <p>http://www.environment.fi/download.asp?contentid=27130&lan=sv</p>

<p style="text-align: center;">France</p>  	<p>Bensettiti, F. (Editor) 2001 - 2005. <i>Cahiers d'habitats Natura 2000 – connaissance et gestion des habitats et des espèces d'intérêt communautaire</i>. La documentation française, Paris</p> <p>9 volume guide to habitats & species Available via http://natura2000.environnement.gouv.fr/habitats/idxhab.html</p> <p>A partial update is given in Gaudillat et al (2018) <i>Habitats d'intérêt communautaire : actualisation des interprétations des Cahiers d'habitats</i>. Rapport UMS PatriNat 2017-104. UMS PatriNat, FCBN, MTES, Paris, 62 p.</p> <p>http://spn.mnhn.fr/spn_rapports/archivage_rapports/2018/SPN%202017%20-%20104%20-%20Bilan_synthetique_interpretations_HIC_mars_2018.pdf</p> <p>Les habitats terrestres et d'eau douce d'intérêt Communautaire présents en Bretagne http://natura2000.bretagne.ecologie.gouv.fr/nng_index.php3?id_rubrique=1&id_parent=1</p>
<p style="text-align: center;">Germany</p> 	<p>Ssymanck, A., Hauke, U., Rückriem, C. & Schröder, E. Unter Mitarbeit Von Messer, D 1998 <i>Das europäische Schutzgebietssystem Natura 2000. BfN-Handbuch zur Umsetzung der Fauna-Flora-Habitat-Richtlinie und der Vogelschutz-Richtlinie</i>. Schr.R. f. Landschaftspf. u. Natursch. 53, 560 S</p> <p>Brief descriptions in English available at http://www.bfn.de/0316_typ_lebensraum+M52087573ab0.html</p>
<p style="text-align: center;">Greece</p>	

<p style="text-align: center;">Hungary</p>  	<p>Table of correspondence with the Hungarian habitat classification</p> <p>Molnár, Zs, M. Biró, J. Bölöni 2008 <i>Appendix Acta Botanica Hungarica</i> 50(Suppl), 249–255.</p> <p>http://www.akademiai.com/content/623x114r8217j781/fulltext.pdf</p> <p>ANER 2011 Magyarország élőhelyei – Vegetációtípusok leírása és határozója, [Hungarian habitats - Description and Vegetation Types] MTA Ökológiai és Botanikai Intézete, Vácrátót.</p>
<p style="text-align: center;">Ireland</p>	

<p style="text-align: center;">Italy</p>    	<p>Biondi, E & Blasi, C. (eds) 2009 Manuale Italiano di interpretazione degli habitat della Direttiva 92/43/CEE http://vnr.unipg.it/habitat/</p> <p>Mariotti, M. G., Not dated <i>Atlante degli habitat – Natura 2000 in Liguria</i></p> <p>Lasen, C & T. Wilhalm 2004 <i>Natura 2000 Habitat in Alto Adige</i>.</p> <p>Lasen, C., 2006. <i>Habitat Natura 2000 in Trentino</i>. Provincia Autonoma di Trento, Assessorato all'Urbanistica e Ambiente, Servizio Parchi e Conservazione della Natura</p> <p>Sindaco R., Mondino G.P., Selvaggi A., Ebone A., Della Beffa G. 2003 <i>Guida al riconoscimento di Ambienti e Specie della Direttiva Habitat in Piemonte</i> Regione Piemonte. http://www.regione.piemonte.it/habiweb/ricercaAmbienti.do</p> <p>Poldini L., Oriolo G., Vidali M., Tomasella M., Stoch F. & Orel G., 2006. <i>Manuale degli habitat del Friuli Venezia Giulia</i>. Region Autonoma Friuli Venezia Giulia – Direz. Centrale ambiente e lavori pubblici – Servizio valutazione impatto ambientale, Univ. Studi Trieste – Dipart. Biologia, http://www.regione.fvg.it/ambiente.htm</p>
<p style="text-align: center;">Latvia</p> 	<p>Auninš, A (ed) 2010 <i>Eiropas Savienības aizsargājāmie biotopi Latvijā. Noteikšanas rokasgrāmata</i>. Latvijas Dabas fonds, Rīga http://www.vidm.gov.lv/lat/dokumenti/publikacijas/dabas_aizsardzibas_joma/?doc=10539</p> <p>Kabucis, I. (ed) 2000. <i>Biotopu rokasgrāmata. ES aizsargājāmie biotopi Latvijā</i>. Rīga Reprinted with minor corrections in 2004</p>

<p>Lithuania</p>  	<p>Rasomavičius V. (red.), 2001 <i>Europinės svarbos buveinės Lietuvoje</i>. Vilnius.</p> <p>Rašomavičius, V (editor) 2012 <i>EB svarbos natūralių buveinių inventorizavimo vadovas</i>. Vilnius http://www.botanika.lt/BIGIS/</p>
<p>Luxembourg</p>	
<p>Malta</p>	
<p>Netherlands</p>  	<p>Natura 2000 Profielendocument http://www.synbiosys.alterra.nl/natura2000/gebiedendatabase.aspx?subj=profielen#habtypen</p> <p>Guidance published by the Ministerie van Landbouw, Natuur en Voedselkwaliteit</p> <p>Janssen, J.A.M. & J.H.J. Schaminée, 2003. <i>Europese Natuur in Nederland. Habitat typen</i>. Uitgeverij KNNV, Utrecht, 120 pp.</p>
<p>Poland</p> 	<p>Herbich J. (ed.) 2004. <i>Siedliska morskie i przybrzeżne, nadmorskie i śródlądowe solniska i wydmy. Poradniki ochrony siedlisk i gatunków Natura 2000 – podręcznik metodyczny</i>. Ministerstwo Środowiska, Warszawa</p> <p>9 volume guide to habitats & species http://natura2000.mos.gov.pl/natura2000/pl/poradnik.php#</p>

<p>Portugal</p> 	<p>Series of factsheets available from http://www.icn.pt/psrn2000/caract_habitat.htm</p>
<p>Romania</p> 	<p>Table of correspondence with Romanian habitat classification</p> <p>Donita N., A. Popescu, M. Pauca-Comanescu, S. Mihailescu & I. A. Biris, 2005, - <i>Habitatele din România</i>, Editura Tehnica Silvica, Bucuresti.</p> <p>Donita N., A. Popescu, M. Pauca-Comanescu, S. Mihailescu, and I. A. Biris, 2006, <i>Habitatele din România. Modific[ri conform amendamentelor propuse de România si Bulgaria la Directiva Habitate (92/43/EEC)</i>, Editura Tehnica Silvica, Bucuresti.</p>
<p>Slovakia</p> 	<p>Viceníková P. & Polák, P. (eds). 2003 <i>Európsky Významné biotopy na Slovensku</i>. Banská Bystrica. ŠOP SR http://www.sopsr.sk/natura/index.php?p=9&lang=en&c=9</p>
<p>Slovenia</p>	

<p>Spain</p>  <p>LOS TIPOS DE HÁBITAT DE INTERÉS COMUNITARIO DE ESPAÑA</p>	<p>Barlomolé, C.; Álvarez, J.; Vaquero, J.; Costa, M.; Casermeiro, M.A.; Giraldo, J. & Zamora, J 2005 <i>Los Tipos De Habitat De Interes Comunitario De España – Guia basica</i>. Ministerio de Medio Ambiente, Madrid http://www.mma.es/secciones/biodiversidad/rednatura2000/documentos_rednatura/tipos_habit_interes.htm</p> <p>Rivas-Martínez, S & Peans, A. (eds) 2003 <i>Atlas y Manual de los Hábitat de España</i>. Ministerio de Medio Ambiente, Madrid. Spain.</p> <p>Peralta de Andrés, Javier 2005 <i>Hábitats de Navarra de interés y prioritarios (Directiva de Hábitats 2ª ed. Revisada)</i>. Universidad Pública de Navarra, Pamplona</p>
<p>Sweden</p>  <p>SVENSKA NATURTYPER i det europeiska nätverket Natura 2000 NATURVÅRDSVERKET FÖRLAG</p>	<p>Löfroth, M. (ed) 1997. <i>Svenska naturtyper i det europeiska nätverket Natura 2000</i>. - Naturvårdsverket, Stockholm,</p> <p>More detailed guidance available at http://swenviro.naturvardsverket.se/dokument/epi/basinventering/basinvent.htm</p>
<p>United Kingdom</p> 	<p>Web based short descriptions with links to the UK National Vegetation Classification</p> <p>http://www.jncc.defra.gov.uk/ProtectedSites/SACselection/SAC_habitats.asp</p>