

# Metadata

# MaPHYTE database



Exported from the Freshwater Biodiversity Data Portal, http://data.freshwaterbiodiversity.eu Visit the Freshwater Metadatabase, http://data.freshwaterbiodiversity.eu/metadb/about\_metadata

#### **General information**

name	of	the	dataset:	

full name of the dataset:	MaPHYTE database	
type of dataset (more information):	species (taxonomic group) per site database including environmental	
	information	
data type:	point data/observation data	
short description of the dataset/sur	mmary:	
	Common database for the intercalibration of Water Framework Directive	
	river macrophyte assessment methods in the Central-Baltic Geographical	
	Intercalibration Group	
science keywords according to GC	MD:	
topic:	Biological Classification, Terrestrial Hydrosphere	
ISO topic category according to ISO 19115:		
	Biota, Environment, Inland Waters	

# Technical and administrative specifications

data format:	Access
operating system:	Win XP
data language:	English
current access level:	internal
currently available through GBIF:	no
exchange planned:	
update level:	completed
documentation:	
type:	internal description
language:	English
Do you plan to publish the data on	the Freshwater Biodiversity data portal:
media for data delivery:	others/specify
others/details:	delivery has to be agreed by data owners
contact details:	
metadata contact person:	
first, last name:	Sebastian Birk
phone:	00491747404275
email:	sebastian.birk@uni-due.de
institution:	University of Duisburg-Essen, Institute of Biology, Applied
	Zoology/Hydrobiology
address:	Universitätsstraße 5
postal code, city:	45141 Essen
country	Germany
web address:	http://www.uni-due.de/hydrobiology/
technical contact person:	
first, last name:	Sebastian Birk
phone:	00491747404275
email:	sebastian.birk@uni-due.de
scientific contact person:	
first, last name:	Sebastian Birk
phone:	00491747404275
email:	sebastian.birk@uni-due.de

#### Intellectual property rights and citation

(if the database is already published): dataset creator (data compiler): countries participating in the intercalibration exercise contact name: contact email: sebastian.birk@uni-due.de data contributors to/owners of this dataset: multiple number: 23 provider 1: provider institute: Austria. SYSTEMA / University of Vienna Karin Pall / Brigitte Schmidt contact name: karin.pall@systema.at / brigitte.schmidt@univie.ac.at contact email: criteria for using the data in a publication/scientific analysis: Other/Additional criteria other/additional criteria: Data ownership and availability is unknown. Contact Karin Pall or Brigitte Schmidt for further information. Dataset contains data from 13 sites. comments: provider 2: Belgium (Flanders). INBO provider institute: contact name: Luc Denys luc.deny@inbo.be contact email: criteria for using the data in a publication/scientific analysis: Other/Additional criteria other/additional criteria: Data is available. Contact Luc Denys for availability of data and use criteria. comments: Dataset contains data from 87 sites. provider 3: provider institute: Czech Republic. T. G. Masaryk Water Research Institute contact name: Libuse Opatrilova Libuse\_Opatrilova@vuv.cz contact email: criteria for using the data in a publication/scientific analysis: Other/Additional criteria other/additional criteria: Data must be publicly acknowledged and correctly cited. Data can only be used as part of a larger dataset. Data provider must be informed of any publication using these data. provider 4: provider institute: Denmark. National Env Research Institute / Danish Min of the Environment Annette Baattrup-Pedersen / Lars Larsen contact name: contact email: abp@dmu.dk / LLA@blst.dk criteria for using the data in a publication/scientific analysis: Other/Additional criteria other/additional criteria: Data ownership and availability is unknown. Contact Annette Baattrup-Pedersen or Lars Larsen for further information. Dataset contains data from 35 sites comments: provider 5: provider institute: Estonian University of Life Sciences contact name: Kai Piirsoo contact email: kai.piirsoo@emu.ee criteria for using the data in a publication/scientific analysis: Other/Additional criteria

	other/additional criteria:	Data ownership and availability is unknown. Contact Kai Piirsoo for further information.
pro	ovider 6:	
-	provider institute:	France
	contact name:	Christophe Leplace / Yorick Reyjol
	contact email:	christophe.laplace@bordeaux.cemagref.fr / yorick.reyjol@onema.fr
	criteria for using the data in a publi	ication/scientific analysis: Other/Additional criteria
1	other/additional criteria:	Data ownership and availability is unknown. Contact Yorick Reyjol for further information.
	comments:	Dataset contains data from 52 sites.
pro	ovider 7:	
-	provider institute:	Germany
	contact name:	Sebastian Birk
	contact email:	sebastian.birk@uni-due.de
	criteria for using the data in a publi	
	5	The dataset needs to be requested from dataset creator with specific
		conditions of use.
	other/additional criteria:	Data ownership and availability is unknown. Contact Sebastian Birk for
		further information.
	comments:	Dataset contains data from 126 sites.
pro	ovider 8:	
-	provider institute:	Italy. ENEA Research Centre Salugia
	contact name:	Maria Rita Miniciardi
	contact email:	mariarita.miniciardi@enea.it
	criteria for using the data in a publi	ication/scientific analysis:
	<b>.</b>	Other/Additional criteria
	other/additional criteria:	Data ownership and availability is unknown. Contact Maria Rita Minicardi for further information.
	comments:	Dataset contains data from 24 sites.
pro	ovider 9:	
	provider institute:	Latvian Environment, Geology and Meterology Centre
	contact name:	Normunds Kadikis
	contact email:	normunds.kadikis@lvgma.gov.lv
	criteria for using the data in a publi	ication/scientific analysis:
		Other/Additional criteria
	other/additional criteria:	Data ownership and availability is unknown. Contact Normunds Kadikis for
		further information.
	comments:	Dataset contains data from 36 sites.
pro	ovider 10:	
	provider institute:	Lithuanian Environmental Protection Agency / Institute of Botany
	contact name:	Mindaugas Gudas / Zofia Sinceviene
	contact email:	m.gudas@aaa.am.lt / zofija.s@botanika.lt
	criteria for using the data in a publi	ication/scientific analysis:
		Other/Additional criteria
	other/additional criteria:	Data ownership and availability is unknown. Contact Mindaugas Gudas or
		Zofia Sinceviene for further information.
	comments:	Dataset contains data from 9 sites.
pro	ovider 11:	
	provider institute:	Netherlands

contact name:	Marcel van den Berg
contact email:	marcel.vanden.berg@rws.nl
criteria for using the data in a	a publication/scientific analysis: Other/Additional criteria
other/additional criteria:	Data must be publicly acknowledged and cited correctly. Data can only be used as part of a larger dataset and for publication, the names of individual waterbodies must not be published
comments:	names of individual waterbodies must not be published. Dataset contains data from 62 sites.
provider 12:	Dalasel contains data noni oz sites.
provider institute:	Polish Institute of Environmental Protection
contact name:	Agnieszka Kolada, Krzysztof Szoszkiewicz
contact email:	akolada@ios.edu.pl, kszoszk@au.poznan.pl
	publication/scientific analysis:
chiena for using the data in a	Other/Additional criteria
other/additional criteria:	Data ownership and availability is unknown. Contact Agnieszka Kolada or
ouren/additional ontena.	Krzysztof Szoszkiewicz for further information.
comments:	Dataset contains data from 78 sites.
provider 13:	
provider institute:	Belgium (Wallonia)
contact name:	Daniel Galoux
contact email:	d.galoux@mrw.wallonie.be
	publication/scientific analysis:
	Other/Additional criteria
other/additional criteria:	Data ownership and availability is unknown. Contact Daniel Galoux for
	further information.
comments:	Dataset contains data from 54 sites.
provider 14:	
provider institute:	Spain. Basque Water Agency
contact name:	Alberto Manzanos
contact email:	amanzanos@uragentzia.net
criteria for using the data in a	a publication/scientific analysis:
	Other/Additional criteria
provider 15:	
provider institute:	UK
contact name:	Nigel Wilby
contact email:	n.j.willby@stir.ac.uk
criteria for using the data in a	a publication/scientific analysis:
	Other/Additional criteria
other/additional criteria:	Data ownership and availability is unknown. Contact Nigel Wilby for further information.
comments:	Dataset contains data from 208 sites.
provider 16:	
provider institute:	Ireland. Irish EPA
contact name:	Martin McGarrigle
contact email:	m.mcgarrigle@epa.ie
criteria for using the data in a	publication/scientific analysis:
2	Other/Additional criteria
provider 17:	
provider institute:	Bulgaria
contact name:	Gana Gecheva

contact entail: gloconva entails ortieria for using the data in a publication/scientific analysis: brovider 18: provider institute: Lukacs Batzs Andras contact name: Nora Welschbillig @eau.etat.lu criteria for using the data in a publication/scientific analysis: contact name: Nora Welschbillig @eau.etat.lu criteria for using the data in a publication/scientific analysis: contact name: Gabriel Chiriac contact name: Gabriel Chiriac contact name: Gabriel Chiriac Groweter.ro criteria for using the data in a publication/scientific analysis: Other/Additional criteria provider 13: provider 14: Gontact Cabriel Chiriac for information on data availability. provider 14: provider 15: provider institute: Slovakia contact name: Anaria @uvh.sk contact name: Garazd Urbanic Criteria other/Additional criteria contact name: Garazd Urbanic @iroration on data availability. provider 12: provider 13: provider 13: provider 13: provider 14: Mateus Haviar for information on data availability. provider 13: provider 14: Mateus Haviar for information on data availability. provider 13: provider 14: provider 15: provider 15: provider 15: provider 15: provider 16: provider 16: provider 16: provider 17: provider 18: provider 18: provider 18: provider 18: provider 18: provider 18: provider 18: provider 18: provider 19: provider 20: provider 19: provider 19: provider 19: provider 1		see a la mail ba		
provider 18: <ul> <li>Provider 18:</li> <li>Unkacs Balazs Andras</li> <li>contact name:</li> <li>Lukacs Balazs @okologia mta hu</li> <li>criteria for using the data in a publication/scientific analysis:</li> <li>Cuther/Additional criteria</li> </ul> <li>Provider 19:</li> <li>provider 19:</li> <li>provider 19:</li> <li>provider 19:</li> <li>Provider 19:</li> <li>Provider 19:</li> <li>Nora Welschöllig @eau.etat.lu</li> <li>contact name:</li> <li>Nora Welschöllig @eau.etat.lu</li> <li>contact name:</li> <li>Other/Additional criteria</li> <li>provider 20:</li> <li>provider 19:</li> <li>provider 19:</li> <li>provider 19:</li> <li>Provider 19:</li> <li>Provider 19:</li> <li>Provider 20:</li> <li>provider 19:</li>	contact email:	ggecheva@mail.bg		
provider 18:provider institute:Hungary. Balaton Limnological Institute, Hungarian Academy of Sciencescontact email:Lukacs Balazs Andrascontact email:Iukacs balazs @okologia.mta.hucriteria for using the data in a publication/scientific analysis:provider 19:provider institute:Luxemburgcontact email:Nora Welschbilligcontact name:Nora Welschbilligcontact name:Romaniacontact name:Gabriel Chiriaccontact name:Gabriel Chiriaccontact name:Gabriel Chiriaccontact name:Gabriel Chiriaccontact name:Gabriel Chiriaccontact name:Gabriel Chiriac @rowater.rocriteria for using the data in a publication/scientific analysis:provider institute:Slovakiacontact name:Contact Gabriel Chiriac for information on data availability.provider institute:Slovakiacontact name:Slovakiacontact name:Slovakiacontact name:Slovakiacontact name:Contact Mateus Haviar for information on data availability.provider institute:Slovakiacontact name:Contact Mateus Haviar for information on data availability.provider institute:Slovakiacontact name:Contact Mateus Haviar for information on data availability.provider institute:Slovaniacontact name:Gorazd Urbaniccontact name:Contact Mateus Haviar for information on data availability.provider institute:Slov				
provider institute:       Hungary. Balaton Limnological Institute, Hungarian Academy of Sciences         contact name:       Lukacs Balazs Andras         contact name:       Lukacs Balazs Andras         contact name:       Uther/Additional criteria         provider 19:       Other/Additional criteria         provider institute:       Luxemburg         contact name:       Nora Weischbillig         contact email:       Nora Weischbillig         contact email:       Nora Weischbillig         contact name:       Other/Additional criteria         provider 20:            provider institute:       Romania         contact name:       Gabriel Chiriac         contact name:       Gabriel Chiriac (Forwater ro         criteria for using the data in a publication/scientific analysis:           criteria for using the data in a publication/scientific analysis:           ontact name:       Davial (Chiriac (Formation on data availability.         provider institute:       Slovakia         contact name:       Nawar@wuh.sk         contact name:       Other/Additional criteria         other/Additional criteria:       Other/Additional criteria         other/Additional criteria:       Other/Additional criteria	provider 19.	Other/Additional criteria		
contact email:       Lukacs Balazs Andras         contact email:       Lukacs balazs @okologia.ntta.hu         ortieria for using the data in a publication/scientific analysis:       Other/Additional criteria         provider 19:       Uther/Additional criteria         provider 19:       Nora. Weischbillig @eau.eta.lu         contact email:       Nora. Weischbillig @eau.eta.lu         criteria for using the data in a publication/scientific analysis:       Other/Additional criteria         provider 20:       provider institute:       Gabriel Chiriac @rowater.ro         criteria for using the data in a publication/scientific analysis:       Other/Additional criteria         contact email:       gabriel Chiriac @rowater.ro       criteria for using the data in a publication/scientific analysis:         ortieria for using the data in a publication/scientific analysis:       Other/Additional criteria       Other/Additional criteria         other/additional criteria:       Contact Adrea       Maieus Haviar       criteria for using the data in a publication/scientific analysis:         orter/additional criteria:       Slovakia       contact email:       Maieus Haviar         criteria for using the data in a publication/scientific analysis:       Other/Additional criteria       Other/Additional criteria         other/additional criteria:       Gorazd Urbanic @izvrs.si gorazd.urbanic@bizvrs.si gorazd.urbanic@bi.tuni-ij.si	•	Hungary Polaton Limpological Institute Hungarian Academy of Sciences		
contact email:       L/kacs.balazs@okologia.mta.hu         criteria for using the data in a publication/scientific analysis:         provider 19:         provider institute:       Luxernburg         contact name:       Nora.Welschbillig@eau.etat.lu         contact name:       Other/Additional criteria         provider 20:       Uther/Additional criteria         provider 19:       Contact name:         contact name:       Gabriel Chrinac         contact name:       Contact Canalysis:         other/Additional criteria       Contact Canalysis:         other/Additional criteria       Contact Canalysis:         provider 11:       Contact Gabriel Chrinac for information on data availability.         provider institute:       Slovakia         contact name:       Navia@uvh.sk         contact name:       Contact Mateus Haviar         ortieria for using the data in a publication/scientific analysis:         contact name:       Gorazd Urbanic         other/Additional criteria       Gorazd Urbanic         contact name:       Contact Gaezzd Urbani	•			
criteria for using the data in a publication/scientific analys <sup>1</sup> Drovider 19: provider institute: Luxemburg contact name: Nora Welschbillig contact name: Nora Welschbillig contact name: Other/Additional criteria provider 20: provider 20: provider institute: Gabniel Chiriac contact name: Other/Additional criteria other/additional criteria: Slovakia contact name: Nava @uvh.sk contact name: Nava @uvh.sk contact name: Slovakia contact name: Gorazd Urbanic Criteria other/Additional criteria: Gorazd Urbanic Criteria other/Additional criteria: Gorazd Urbanic Criteria other/Additional criteria: Gorazd Urbanic Criteria other/Additional criteria contact name: Slovania contact name: Slovania contact name: Slovania contact name: Gorazd Urbanic @izvrs.si gorazd.urbanic@hf.uni-lj.si criteria for using the data in a publication/scientific analysis: Uther/Additional criteria other/additional criteria contact email: gorazd.urbanic@izvrs.si gorazd.urbanic@hf.uni-lj.si criteria for using the data in a publication/scientific analysis: Uther/Additional criteria other/additional criteria: The corazd Urbanic Criteria other/additional criteria: Discorazd Urbanic Criteria other/additional criteria: Slovenia contact email: Briteria Slovenia contact email: Briteria Slovenia contact email: Briteria other/Additional criteria other/Additional criteria other/Additional criteria other/Additional criteria other/Additional criteria other/Additional criteria other/Additional criteria other/Additional criteria other/Additional criteria other/Additional cri				
Provider 19: <ul> <li>provider 19:</li> <li>contact name:</li> <li>Nora Welschbillig @ eau.etat.lu</li> <li>contact email:</li> <li>Nora Welschbillig @ eau.etat.lu</li> <li>criteria for using the data in a publication/scientific analysis:</li> <li>contact name:</li> <li>Gabriel Chiriac</li> <li>contact email:</li> <li>gabriel.chiriac @rowater.ro</li> <li>criteria for using the data in a publication/scientific analysis:</li> <li>criteria for using the data in a publication/scientific analysis:</li> <li>provider institute:</li> <li>Alvaira @vuvh.sk</li> <li>contact email:</li> <li>Mateus Haviar</li> <li>criteria for using the data in a publication/scientific analysis:</li> <li>contact name:</li> <li>Alvaira @vuvh.sk</li> <li>contact remail:</li> <li>Mateus Haviar for information on data availability.</li> <li>provider institute:</li> <li>Gorazd Urbanic</li> <li>contact name:</li> <li>Gorazd Urbanic</li> <li>contact name:</li> <li>Gorazd Urbanic</li> <li>contact formal:</li> <li>gorazd.urbanic @izrs.si gorazd.urbanic @bf.uni-Ij.si</li> <li>criteria for using the data in a publication/scientific analysis:</li> <li>contact formal:</li> <li>gorazd.urbanic @izrs.si gorazd.urbanic @bf.uni-Ij.si</li> <li>criteria for using the data in a publication/scientific analysis:</li> <li>contact formal:</li> <li>gorazd.urbanic</li> <li>contact formal:</li> <li>gorazd.urban</li></ul>		C C		
provider 19:       Luxemburg         contact name:       Nora Welschbillig         contact email:       Nora. Welschbillig         contact name:       Other/Additional criteria         provider 10:       Other/Additional criteria         provider 10:       Gabriel Chiriac         contact name:       Gabriel Chiriac         contact name:       Gabriel Chiriac         contact name:       Gabriel Chiriac @rowater.ro         contact name:       Other/Additional criteria         other/additional criteria:       Contact Gabriel Chiriac for using the data in a publication/scientific analysis:         other/additional criteria:       Contact Gabriel Chiriac for using the data in a publication/scientific analysis:         other/additional criteria:       Naviar @vuvh.sk         contact name:       Haviar         other/Additional criteria:       Other/Additional criteria         other/Additional criteria:       Other/Additional criteria         other/Additional criteria:       Gorazd Urbanic         contact name:       Gorazd Urbanic         other/Additional criteria:       Gorazd Urbanic @izvrs.si gorazd.urbanic@bf.uni-lj.si         other/Additional criteria:       Contact Garazd Urbanic @izvrs.si gorazd.urbanic@bf.uni-lj.si         other/Additional criteria:       Spain. University of Vigo <td></td> <td></td>				
provider institute:       Luxemburg         contact name:       Nora Welschbillig @ eu.etat.lu         contact name:       Other/Additional criteria         provider 20:       provider Chritac         provider sistitute:       Gabriel Chritac@ rowater.ro         contact name:       Gabriel Chritac@ rowater.ro         criteria for using the data in a publication/scientific analysis:       Other/Additional criteria         other/additional criteria:       Contact Gabriel Chritac@ rowater.ro         criteria for using the data in a publication/scientific analysis:       Other/Additional criteria         other/additional criteria:       Contact Gabriel Chritac for information on data availability.         provider 21:       Provider institute:       Slovakia         contact name:       Inaviar@ vuvh.sk         contact name:       Inaviar@ vuvh.sk         contact name:       Contact Mateus Haviar         contact name:       Gorazd Urbanic         contact name:       Gorazd Urbanic         contact email:       gorazd urbanic@izvrs.si gorazd.urbanic@bf.uni-ij.si         criteria for using the data in a publication/scientific analysis:       Other/Additional criteria         other/additional criteria:       Gorazd Urbanic         contact email:       gorazd urbanic for information on data availability.	provider 19:	Other/Additional Chteria		
contact name:Nora Welschbilligcontact email:Nora. Welschbillig@eau.etat.lucriteria for using the data in a publication/scientific analysis:provider 10:provider 10:provider 10:gabriel.chiriaccontact name:Gabriel Chiriaccontact name:Gabriel Chiriaccontact name:Gabriel Chiriaccontact name:Gabriel Chiriac @rowater.rocriteria for using the data in a publication/scientific analysis:other/additional criteria:Contact Gabriel Chiriac for information on data availability.provider 11:Vora.Welschwise:provider 12:Contact Gabriel Chiriac for information on data availability.provider 13:Mateus Haviarcontact name:haviar@vuvh.skcontact name:Contact Mateus Haviarcontact name:Contact Mateus Haviarother/additional criteriaContact Mateus Haviar for information on data availability.provider institute:Gorazd Urbaniccontact name:Gorazd Urbaniccontact name:Gorazd Urbaniccontact name:Contact Garazd Urbanic @irvrs.si gorazd.urbanic@bf.uni-lj.sicontact name:Sabel Pardocontact name:Isabel Pardocontact name:Isabel Pardocontact name:Isabel Pardocontact name:Isabel Pardocontact name:This component of the Spanish data within the dataset is unavaible for use.provider natis dutaset:This component of the Spanish data within the dataset is unavaible for use.conta	-	Luxemburg		
contact email:Nora.Welschbillig@eau.etat.lu criteria for using the data in a publication/scientific analysis:provider 20:provider institute:Gabriel Chiriaccontact name:Gabriel Chiriac @rowater.rocontact email:gabriel chiriac @rowater.rocriteria for using the data in a publication/scientific analysis:contact name:Contact Gabriel Chiriac for information on data availability.provider 21:provider institute:Slovakiacontact name:haviar@uvu/n.skcontact name:Mateus Haviarcriteria for using the data in a publication/scientific analysis:criteria for using the data in a publication/scientific analysis:contact name:Gorazd Urbaniccontact name:Sloveniacontact name:Gorazd Urbaniccontact name:Sloveniacontact name:Other/Additional criteriaother/additional criteria:Other/Additional criteriaother/additional criteria:Sloveniacontact name:Sloveniacontact name:Sloveniacontact name:Sloveniacontact name:Sloveniacontact name:Sloveniacontact name:Sloveniacontact na	•	-		
criteria for using the data in a publication/scientific analysis: brovider 20: provider institute: Romania contact name: Gabriel Chiriac contact email: gabriel chiriac growater.ro criteria for using the data in a publication/scientific analysis: brovider 1: ther/additional criteria other/additional criteria other/additional criteria ther/additional criteria contact name: Naviar @vuvh.sk contact name: Other/Additional criteria other/Additional criteria other/Additional criteria other/Additional criteria other/Additional criteria contact name: Gorazd Urbanic contact name: Gorazd Urbanic contact name: Gorazd Urbanic contact name: Gorazd Urbanic contact name: Slovenia contact name: Gorazd Urbanic contact name: Gorazd Urbanic contact email: Gorazd Urbanic contact name: Slovenia contact name: Gorazd Urbanic filteria other/Additional criteria triteria for using the data in a publicaton/scientific analysis: criteria for using the data in a publicaton/scientific analysis: contact name: Spain. University of Vigo contact name: Spain. University of Vigo contact name: This component of the Spanish data within the dataset is unavaible for use. dher/Additional criteria author(s): Birk, S, Willby, N, Chauvin, C, Coops, H.C., Denys, L., Galoux, D., Kolada, A., Pal, K., Pardo, I., Pot, R. & Stetzer, D. tite: Report on the Central Baltic River GIG Macrophyte Intercalibration kolada, A., Pal, K., Pardo, I., Pot, R. & Stetzer, D.				
Provider 20:         Forwider 20:           provider 10:         Romania           contact name:         Gabriel Chiriac           contact email:         gabriel.chiriac@rowater.ro           contact email:         gabriel.chiriac@rowater.ro           contact email:         gabriel.chiriac@rowater.ro           other/additional criteria:         Contact Gabriel Chiriac for information on data availability.           provider 11:         Contact Gabriel Chiriac for information on data availability.           provider 12:         Contact ename:           provider institute:         Slovakia           contact ename:         haviar@vuvh.sk           contact ename:         Other/Additional criteria           other/additional criteria:         Contact Maria           other/additional criteria:         Gorazd Urbanic           contact name:         Gorazd Urbanic           contact name:         Gorazd Urbanic           contact name:         Vater Sard Urbanic for information on data availability.           provider 13:         Other/Additional criteria           other/additional criteria:         Sovaria           other/additional criteria:         Sovarad Urbanic           other/additional criteria:         Sovarad Urbanic           other/additional criteria: <td< td=""><td></td><td></td></td<>				
provider 20:provider institute:Romaniacontact name:Gabriel Chiriaccontact name:gabriel.chiriac @rowater.rocriteria for using the data in a publication/scientific analysis:criteria for using the data in a publication/scientific analysis:provider 21:provider 11:provider institute:Slovakiacontact name:haviar@uvuh.skcontact mail:Mateus Haviarcontact mail:Mateus Haviarother/additional criteria:Contact Mateus Haviarother/additional criteria:Contact Mateus Haviarother/additional criteria:Contact Mateus Haviar for information on data availability.provider 21:Other/Additional criteriaother/additional criteria:Contact Mateus Haviar for information on data availability.provider 12:Other/Additional criteriaother/additional criteria:Gorazd Urbaniccontact name:Gorazd Urbaniccontact name:Gorazd Urbanic @izvrs.si gorazd.urbanic@bf.uni-lj.sicontact name:Contact Gorazd Urbanic for information on data availability.provider 15:Contact Gorazd Urbanic for information on data availability.provider 16:Isabel Pardocontact name:Isabel Pardocontact name:Isabel Pardocontact name:Isacomponent of the Spanish data within the dataset is unavaible for usecontact name:Isacomponent of the Spanish data within the dataset is unavaible for usecontact name:Sparto @uvigo.escontact name:Sparto @uvigo.es	chiena for using the data in a pub	-		
provider institute:       Romania         contact name:       Gabriel Chiriac         contact email:       gabriel.chiriac@rowater.ro         criteria for using the data in a publication/scientific analysis:       Other/Additional criteria         other/additional criteria:       Contact Gabriel Chiriac for information on data availability.         provider 21:       Fordiation/scientific analysis:         provider 11:       Slovakia         contact name:       haviar@vuvh.sk         contact email:       Mateus Haviar         criteria for using the data in a publication/scientific analysis:       Other/Additional criteria         other/additional criteria:       Contact Mateus Haviar for information on data availability.         provider 22:       Other/Additional criteria         provider institute:       Gorazd Urbanic         contact email:       gorazd.urbanic@izvrs.si gorazd.urbanic@bf.uni-lj.si         criteria for using the data in a publication/scientific analysis:       Other/Additional criteria         other/additional criteria:       Contact Gorazd Urbanic         contact email:       gorazd.urbanic@izvrs.si gorazd.urbanic@bf.uni-lj.si         criteria for using the data in a publication/scientific analysis:       Other/Additional criteria         other/additional criteria:       Contact Gorazd Urbanic       Contact Amae: <td>provider 20:</td> <td></td>	provider 20:			
contact name:Gabriel Chiriaccontact email:gabriel.chiriac@rowater.rocontact email:gabriel.chiriac@rowater.roother/additional criteriaOther/Additional criteriaother/additional criteria:Contact Gabriel Chiriac for information on data availability.provider 21:Frovider 11:provider institute:Slovakiacontact name:haviar@vuvh.skcontact name:Mateus Haviarcriteria for using the data in a publication/scientific analysis:criteria for using the data in a publication/scientific analysis:other/additional criteria:Other/Additional criteriaother/additional criteria:Gorazd Urbaniccontact name:Gorazd Urbaniccontact name:Gorazd Urbaniccontact name:Gorazd Urbaniccontact name:Gorazd Urbaniccontact name:Gorazd Urbaniccontact name:Gorazd Urbaniccontact name:Contact Gorazd Urbanic @bf.uni-lj.sicriteria for using the data in a publication/scientific analysis:provider 13:Contact Gorazd Urbanic for information on data availability.provider 13:Contact Gorazd Urbanic for information on data availability.provider institute:Spain. University of Vigocontact email:ipardo@uvigo.escriteria for using the data in a publication/scientific analysis:contact email:ipardo@uvigo.escriteria for using the data in a publication/scientific analysis:contact email:ipardo@uvigo.escriteria for using the data in a publicat	•	Romania		
contact email:       gabriel.chiriac@rowater.ro         criteria for using the data in a publication/scientific analysis:       Other/Additional criteria         other/additional criteria:       Contact Gabriel Chiriac for information on data availability.         provider 21:       provider institute:         provider institute:       Nava@vuvh.sk         contact email:       Nateus Haviar         contact email:       Mateus Haviar         criteria for using the data in a publication/scientific analysis:       Other/Additional criteria         other/additional criteria:       Contact Mateus Haviar for information on data availability.         provider 15:       Viter/Additional criteria         contact name:       Gorazd Urbanic         contact name:       Gorazd Urbanic         contact name:       Gorazd Urbanic         contact name:       Gorazd Urbanic         contact name:       Other/Additional criteria         other/additional criteria:       Other/Additional criteria         other/additional criteria:       Contact Gorazd Urbanic for information on data availability.         provider institute:       Spain. University of Vigo         contact name:       Isabel Pardo         contact email:       Isabel Pardo         contact email:       Isabel Pardo	•			
criteria for using the data in a publication/scientific analysis:other/additional criteria:Contact Gabriel Chiriac for information on data availability.provider 21:provider institute:Slovakiacontact name:haviar @vuvh.skcontact email:Mateus Haviarother/additional criteriaOther/Additional criteriaother/additional criteria:Other/Additional criteriaother/additional criteria:Contact Mateus Haviarother/additional criteria:Contact Mateus Haviar for information on data availability.provider institute:Sloveniaother/additional criteria:Contact Mateus Haviar for information on data availability.provider institute:Sloveniacontact name:Contact Urbaniccontact email:gorazd Urbaniccontact email:gorazd Urbanic for information on data availability.provider institute:gorazd Urbaniccontact email:gorazd Urbanic for information on data availability.provider institute:Spain. University of Vigocontact name:Contact Gorazd Urbanic for information on data availability.provider institute:Spain. University of Vigocontact name:Vigardo @uvigo.escontact demail:ipardo @uvigo.escontact email:ipardo @uvigo.escontact email:This component of the Spanish data within the dataset is unavaible for use.citation of this dataset:Mavaid Criteriaother/Additional criteria:Nolada, A., Pail, K., Paroo, I., Pot, R. & Stelzer, D.itile:Repo				
Other/Additional criteria:Other/Additional criteriaother/additional criteria:Contact Gabriel Chiriac for information on data availability.provider 11:Slovakiacontact name:haviar @vuvh.skcontact email:Mateus Haviarcriteria for using the data in a publication/scientific analysis:Other/Additional criteriaother/additional criteria:Contact Mateus Haviar for information on data availability.provider 12:Other/Additional criteriacontact name:Gorazd Urbaniccontact email:Gorazd Urbanic @izvrs.si gorazd.urbanic@bl.uni-lj.sicontact email:Gorazd Urbanic @izvrs.si gorazd.urbanic@bl.uni-lj.sicontact email:Contact Gorazd Urbanic for information on data availability.provider 13:Other/Additional criteriaother/additional criteria:Contact Gorazd Urbanic for information on data availability.provider 13:Contact Gorazd Urbanic for information on data availability.provider 13:Contact Gorazd Urbanic for information on data availability.provider 13:Contact Gorazd Urbanic for information on data availability.provider institute:Spain. University of Vigocontact name:Sabel Pardocontact email:ipardo@uvigo.escriteria for using the data in a publication/scientific analysis:contact mame:Other/Additional criteriaother/additional criteriaToher/Additional criteriaother/additional criteriaNardo@uvigo.escriteria for using the data in a publication sciteriaother/additional criteria		-		
other/additional criteria:Contact Gabriel Chiriac for information on data availability.provider 1st:Slovakiaprovider institute:Slovakiacontact name:haviar@vuvh.skcontact email:Mateus Haviaroriteria for using the data in a publication/scientific analysis:Other/Additional criteriaother/additional criteria:Contact Mateus Haviar for information on data availability.provider 12:Other/Additional criteriaprovider institute:Gorazd Urbaniccontact name:Gorazd Urbaniccontact name:Gorazd Urbanic@izvrs.si gorazd.urbanic@bf.uni-lj.sicriteria for using the data in a publication/scientific analysis:Other/Additional criteriaother/Additional criteria:Gorazd Urbanicother/additional criteria:Gorazd Urbanic for information on data availability.provider institute:Spain. University of Vigocontact name:Isparlo @uvigo.escontact name:Isparlo @uvigo.escontact name:Isparlo @uvigo.escontact name:Isparlo @uvigo.escontact email:iparlo @uvigo.escontact email:This dataset:uthor(s):Birk, S., Willby, N., Chauvin, C., Coops, H.C., Denys, L., Galoux, D.,kitle:Report on the Central Baltic River GIG Macrophyte Intercalibrationtitle:Report on the Central Baltic River GIG Macrophyte Intercalibrationyear:2007	chiena for using the data in a pub			
provider 21:       provider institute:       Slovakia         contact name:       haviar@vuvh.sk         contact email:       Mateus Haviar         oriteria for using the data in a publication/scientific analysis:       Other/Additional criteria         other/additional criteria:       Contact Mateus Haviar for information on data availability.         provider 22:       provider institute:       Slovenia         contact name:       Gorazd Urbanic         contact email:       gorazd.urbanic@izvrs.si gorazd.urbanic@bf.uni-lj.si         criteria for using the data in a publication/scientific analysis:       Other/Additional criteria         other/additional criteria:       Contact Gorazd Urbanic for information on data availability.         provider using the data in a publication/scientific analysis:       Other/Additional criteria         other/additional criteria:       Contact Gorazd Urbanic for information on data availability.         provider 13:       gorad.urbanic@izvrs.si gorazd.urbanic@bf.uni-lj.si         criteria for using the data in a publication/scientific analysis:       Other/Additional criteria         other/additional criteria:       Iniversity of Vigo         contact name:       Isabel Pardo         contact email:       ipardo@uvigo.es         criteria for using the data in a publication/scientific analysis:         other/Additional cr	other/additional criteria:			
provider institute:Slovakiacontact name:haviar@vuvh.skcontact email:Mateus Haviarcriteria for using the data in a publication/scientific analysis:other/additional criteria:Contact Mateus Haviar for information on data availability.provider 22:provider nstitute:Sloveniacontact name:Gorazd Urbaniccontact email:gorazd urbanic@izvrs.si gorazd.urbanic@bf.uni-lj.sicriteria for using the data in a publication/scientific analysis:criteria for using the data in a publication/scientific analysis:contact farme:Contact Gorazd Urbanic for information on data availability.provider 23:provider 23:provider ante:Spain. University of Vigocontact name:Isabel Pardocontact email:ipardo@uvigo.escriteria for using the data in a publication/scientific analysis:other/Additional criteriaOther/Additional criteriaother/Additional criteriaThis component of the Spanish data within the dataset is unavaible for use.citation of this dataset:author(s):author(s):Birk, S., Willby, N., Chauvin, C., Coops, H.C., Denys, L., Galoux, D., Kolada, A., Pall, K., Pardo, I., Pot, R. & Stelzer, D.title:Report on the Central Baltic River GIG Macrophyte Intercalibration Exercise, June 2007year:2007		Contact Casher Chinac for information on data availability.		
contact name:       haviar@vuvh.sk         contact email:       Mateus Haviar         criteria for using the data in a publication/scientific analysis:       Other/Additional criteria         other/additional criteria:       Contact Mateus Haviar for information on data availability.         provider 122:       provider institute:       Slovenia         contact name:       Gorazd Urbanic         contact email:       gorazd.urbanic@izvrs.si gorazd.urbanic@bf.uni-lj.si         criteria for using the data in a publication/scientific analysis:       Other/Additional criteria         other/additional criteria:       Contact Gorazd Urbanic for information on data availability.         provider 131:       gorazd.urbanic@izvrs.si gorazd.urbanic@bf.uni-lj.si         other/additional criteria:       Contact Gorazd Urbanic for information on data availability.         provider 131:       gorad.urbanic for information on data availability.         provider institute:       Isabel Pardo         contact amaei:       ipardo@uvigo.es         criteria for using the data in a publication/scientific analysis:         other/Additional criteria:       Other/Additional criteria         other/Additional criteria:       ipardo@uvigo.es         criteria for using the data in a publication/scientific analysis:       Other/Additional criteria         other/Additional criteria:	•	Slovakia		
contact email:       Mateus Haviar         criteria for using the data in a publication/scientific analysis:       Other/Additional criteria         other/additional criteria:       Contact Mateus Haviar for information on data availability.         provider 22:       Forvider 22:         provider institute:       Slovenia         contact email:       Gorazd Urbanic         contact email:       gorazd.urbanic@izvrs.si gorazd.urbanic@bf.uni-lj.si         criteria for using the data in a publication/scientific analysis:       Other/Additional criteria         other/additional criteria:       Contact Gorazd Urbanic for information on data availability.         other/additional criteria:       Contact Gorazd Urbanic for information on data availability.         other/additional criteria:       Contact Gorazd Urbanic for information on data availability.         other/additional criteria:       Spain. University of Vigo         contact email:       ipardo@uvigo.es         criteria for using the data in a publication/scientific analysis:       Other/Additional criteria         other/additional criteria:       Other/Additional criteria         other/additional criteria:       Other/Additional criteria         other/additional criteria:       Other/Additional criteria         other/additional criteria:       Other/Additional criteria         utprovider (s):       <	•			
criteria for using the data in a publication/scientific analysis:       Other/Additional criteria         other/additional criteria:       Contact Mateus Haviar for information on data availability.         provider 22:       provider institute:       Slovenia         contact name:       Gorazd Urbanic       contact anane:         contact email:       gorazd.urbanic@izvrs.si gorazd.urbanic@bf.uni-lj.si         criteria for using the data in a publication/scientific analysis:       Other/Additional criteria         other/additional criteria:       Voter/Additional criteria         other/additional criteria:       Spain. University of Vigo         contact email:       ipardo@uvigo.es         criteria for using the data in a publication/scientific analysis:         provider 13:       Viter/Additional criteria         other/additional criteria:       Spain. University of Vigo         contact email:       ipardo@uvigo.es         criteria for using the data in a publication/scientific analysis:         criteria for using the data in a publication/scientific analysis:         dother/Additional criteria       Other/Additional criteria         other/Additional criteria       Nis component of the Spanish data within the dataset is unavaible for use.         citation of this dataset:       Birk, S., Willby, N., Chauvin, C., Coops, H.C., Denys, L., Galoux, D.,         kolada, A., Pa				
Other/Additional criteria:Other/Additional criteriaother/additional criteria:Contact Mateus Haviar for information on data availability.provider 22:provider institute:Sloveniacontact name:Gorazd UrbanicGorazd.urbanic@izvrs.si gorazd.urbanic@bf.uni-lj.sicontact email:gorazd.urbanic@izvrs.si gorazd.urbanic@bf.uni-lj.sicriteria for using the data in a publication/scientific analysis:Other/Additional criteriaother/Additional criteria:Contact Gorazd Urbanic for information on data availability.provider 23:Contact Gorazd Urbanic for information on data availability.provider 13:Spain. University of Vigocontact name:Isabel Pardocontact email:ipardo@uvigo.escriteria for using the data in a publication/scientific analysis:other/Additional criteria:Other/Additional criteriaother/Additional criteria:This component of the Spanish data within the dataset is unavaible for use.citation of this dataset:Nuniversity of Vigouthor(s):Birk, S., Willby, N., Chauvin, C., Coops, H.C., Denys, L., Galoux, D., Kolada, A., Pall, K., Pardo, I., Pot, R. & Stelzer, D.title:Report on the Central Baltic River GIG Macrophyte Intercalibration Exercise, June 2007year:2007				
other/additional criteria:Contact Mateus Haviar for information on data availability.provider 22:provider institute:Sloveniacontact name:Gorazd Urbaniccontact email:gorazd.urbanic@izvrs.si gorazd.urbanic@bf.uni-lj.sicriteria for using the data in a publication/scientific analysis:Other/Additional criteriaother/additional criteria:Contact Gorazd Urbanic for information on data availability.provider 23:Contact Gorazd Urbanic for information on data availability.provider 23:Spain. University of Vigocontact name:Isabel Pardocontact email:ipardo@uvigo.escriteria for using the data in a publication/scientific analysis:contact email:Ibardo/Burdo.escriteria for using the data in a publication/scientific analysis:contact email:Ibardoipardo@uvigo.escriteria for using the data in a publication/scientific analysis:dutor(s):Birk, S., Willby, N., Chauvin, C., Coops, H.C., Denys, L., Galoux, D., Kolada, A., Pall, K., Pardo, I., Pot, R. & Stelzer, D.title:Report on the Central Baltic River GIG Macrophyte Intercalibration Exercise, June 2007year:2007				
provider 22:provider institute:Sloveniacontact name:Gorazd Urbaniccontact email:gorazd.urbanic@izvrs.si gorazd.urbanic@bf.uni-lj.sicriteria for using the data in a publication/scientific analysis:Other/Additional criteriaother/additional criteria:Contact Gorazd Urbanic for information on data availability.provider 23:Forvider institute:provider institute:Spain. University of Vigocontact name:Isabel Pardocontact email:ipardo@uvigo.escriteria for using the data in a publication/scientific analysis:other/Additional criteria:Other/Additional criteriaother/additional criteria:This component of the Spanish data within the dataset is unavaile for use.citation of this dataset:Birk, S., Willby, N., Chauvin, C., Coops, H.C., Denys, L., Galoux, D., Kolada, A., Pall, K., Pardo, I., Pot, R. & Stelzer, D.title:Report on the Central Baltic River GIG Macrophyte Intercalibration Exercise, June 2007year:2007	other/additional criteria:			
provider institute:Sloveniacontact name:Gorazd Urbaniccontact email:gorazd.urbanic@izvrs.si gorazd.urbanic@bf.uni-lj.sicriteria for using the data in a publication/scientific analysis:Other/Additional criteriaother/additional criteria:Contact Gorazd Urbanic for information on data availability.provider 23:Forovider institute:provider institute:Spain. University of Vigocontact name:Isabel Pardocontact email:ipardo@uvigo.escriteria for using the data in a publication/scientific analysis:other/additional criteria:This component of the Spanish data within the dataset is unavaible for use.citation of this dataset:Birk, S., Willby, N., Chauvin, C., Coops, H.C., Denys, L., Galoux, D., Kolada, A., Pall, K., Pardo, I., Pot, R. & Stelzer, D.title:Report on the Central Baltic River GIG Macrophyte Intercalibration Exercise, June 2007year:2007		Contact Mateus Haviar for micrimation on data availability.		
contact name:Gorazd Urbaniccontact email:gorazd.urbanic@izvrs.si gorazd.urbanic@bf.uni-lj.sicriteria for using the data in a publication/scientific analysis:Other/Additional criteriaother/additional criteria:Contact Gorazd Urbanic for information on data availability.provider 23:Forvider 13:provider 13:Spain. University of Vigocontact name:Isabel Pardocontact email:ipardo@uvigo.escriteria for using the data in a publication/scientific analysis:contact email:other/Additional criteriaother/additional criteria:This component of the Spanish data within the dataset is unavaible for use.citation of this dataset:Birk, S., Willby, N., Chauvin, C., Coops, H.C., Denys, L., Galoux, D., Kolada, A., Pall, K., Pardo, I., Pot, R. & Stelzer, D.title:Report on the Central Baltic River GIG Macrophyte Intercalibration Exercise, June 2007year:2007	-	Slovenia		
contact email:gorazd.urbanic@izvrs.sigorazd.urbanic@bf.uni-lj.sicriteria for using the data in a publication/scientific analysis:Other/Additional criteriaother/additional criteria:Other/Additional criteriaother/additional criteria:Contact Gorazd Urbanic for information on data availability.provider 23:Spain. University of Vigocontact name:Isabel Pardocontact email:Ipardo@uvigo.escriteria for using the data in a publication/scientific analysis:criteria for using the data in a publication/scientific analysis:other/Additional criteriaother/Additional criteriaother/Additional criteriaother/Additional criteriabirk, S., Willby, N., Chauvin, C., Coops, H.C., Denys, L., Galoux, D., Kolada, A., Pall, K., Pardo, I., Pot, R. & Stelzer, D.title:Report on the Central Baltic River GIG Macrophyte Intercalibration Exercise, June 2007year:2007	•			
criteria for using the data in a publication/scientific analysis: Other/Additional criteria other/additional criteria: Contact Gorazd Urbanic for information on data availability. provider 23: provider institute: Spain. University of Vigo contact name: Isabel Pardo contact email: ipardo@uvigo.es criteria for using the data in a publication/scientific analysis: Other/Additional criteria other/additional criteria: This component of the Spanish data within the dataset is unavaible for use. citation of this dataset: author(s): Birk, S., Willby, N., Chauvin, C., Coops, H.C., Denys, L., Galoux, D., Kolada, A., Pall, K., Pardo, I., Pot, R. & Stelzer, D. title: Report on the Central Baltic River GIG Macrophyte Intercalibration Exercise, June 2007 year: 2007				
Other/Additional criteriaOther/Additional criteriaother/additional criteria:Contact Gorazd Urbanic for information on data availability.provider 23:provider institute:Spain. University of Vigocontact name:Isabel Pardocontact email:ipardo@uvigo.escriteria for using the data in a publication/scientific analysis:Other/Additional criteriaother/additional criteria:This component of the Spanish data within the dataset is unavaible for use.citation of this dataset:Birk, S., Willby, N., Chauvin, C., Coops, H.C., Denys, L., Galoux, D., Kolada, A., Pall, K., Pardo, I., Pot, R. & Stelzer, D.title:Report on the Central Baltic River GIG Macrophyte Intercalibration Exercise, June 2007year:2007				
other/additional criteria:Contact Gorazd Urbanic for information on data availability.provider 23:provider institute:Spain. University of Vigocontact name:Isabel Pardocontact email:ipardo@uvigo.escriteria for using the data in a publication/scientific analysis:other/additional criteria:Other/Additional criteriaother/additional criteria:Birk, S., Willby, N., Chauvin, C., Coops, H.C., Denys, L., Galoux, D., Kolada, A., Pall, K., Pardo, I., Pot, R. & Stelzer, D.title:Report on the Central Baltic River GIG Macrophyte Intercalibration Exercise, June 2007year:2007		•		
provider 23:provider institute:Spain. University of Vigocontact name:Isabel Pardocontact email:ipardo@uvigo.escriteria for using the data in a publication/scientific analysis:Other/Additional criteriaother/additional criteria:Other/Additional criteriaother/additional criteria:This component of the Spanish data within the dataset is unavaible for use.citation of this dataset:Birk, S., Willby, N., Chauvin, C., Coops, H.C., Denys, L., Galoux, D., Kolada, A., Pall, K., Pardo, I., Pot, R. & Stelzer, D.title:Report on the Central Baltic River GIG Macrophyte Intercalibration Exercise, June 2007year:2007	other/additional criteria:			
provider institute:Spain. University of Vigocontact name:Isabel Pardocontact email:ipardo@uvigo.escriteria for using the data in a publication/scientific analysis:Other/Additional criteriaOther/Additional criteriaother/additional criteria:This component of the Spanish data within the dataset is unavaible for use.citation of this dataset:Birk, S., Willby, N., Chauvin, C., Coops, H.C., Denys, L., Galoux, D.,kolada, A., Pall, K., Pardo, I., Pot, R. & Stelzer, D.Kolada, A., Pall, K., Pardo, I., Pot, R. & Stelzer, D.title:Report on the Central Baltic River GIG Macrophyte Intercalibration Exercise, June 2007year:2007		Contact Colaza orbanio for information on data availability.		
contact name:Isabel Pardocontact email:ipardo@uvigo.escriteria for using the data in a publication/scientific analysis:other/additional criteria:Other/Additional criteriaother/additional criteria:This component of the Spanish data within the dataset is unavaible for use.citation of this dataset:Birk, S., Willby, N., Chauvin, C., Coops, H.C., Denys, L., Galoux, D.,author(s):Birk, S., Willby, N., Chauvin, C., Pot, R. & Stelzer, D.title:Report on the Central Baltic River GIG Macrophyte IntercalibrationExercise, June 20072007	-	Spain University of Vigo		
contact email:ipardo@uvigo.escriteria for using the data in a publication/scientific analysis:Other/Additional criteriaother/additional criteria:Other/Additional criteriaother/additional criteria:This component of the Spanish data within the dataset is unavaible for use.citation of this dataset:Birk, S., Willby, N., Chauvin, C., Coops, H.C., Denys, L., Galoux, D.,author(s):Birk, S., Willby, N., Chauvin, C., Coops, H.C., Denys, L., Galoux, D.,kolada, A., Pall, K., Pardo, I., Pot, R. & Stelzer, D.title:Report on the Central Baltic River GIG Macrophyte Intercalibration Exercise, June 2007year:2007				
criteria for using the data in a publication/scientific analysis: Other/Additional criteria other/additional criteria: This component of the Spanish data within the dataset is unavaible for use. citation of this dataset: author(s): Birk, S., Willby, N., Chauvin, C., Coops, H.C., Denys, L., Galoux, D., Kolada, A., Pall, K., Pardo, I., Pot, R. & Stelzer, D. title: Report on the Central Baltic River GIG Macrophyte Intercalibration Exercise, June 2007 year: 2007				
Other/Additional criteriaother/additional criteria:citation of this dataset:author(s):Birk, S., Willby, N., Chauvin, C., Coops, H.C., Denys, L., Galoux, D., Kolada, A., Pall, K., Pardo, I., Pot, R. & Stelzer, D.title:Report on the Central Baltic River GIG Macrophyte Intercalibration Exercise, June 2007 2007year:				
other/additional criteria:This component of the Spanish data within the dataset is unavaible for use.citation of this dataset:Birk, S., Willby, N., Chauvin, C., Coops, H.C., Denys, L., Galoux, D., Kolada, A., Pall, K., Pardo, I., Pot, R. & Stelzer, D.title:Report on the Central Baltic River GIG Macrophyte Intercalibration Exercise, June 2007year:2007				
citation of this dataset:author(s):Birk, S., Willby, N., Chauvin, C., Coops, H.C., Denys, L., Galoux, D., Kolada, A., Pall, K., Pardo, I., Pot, R. & Stelzer, D.title:Report on the Central Baltic River GIG Macrophyte Intercalibration Exercise, June 2007year:2007	other/additional criteria:			
author(s):Birk, S., Willby, N., Chauvin, C., Coops, H.C., Denys, L., Galoux, D., Kolada, A., Pall, K., Pardo, I., Pot, R. & Stelzer, D.title:Report on the Central Baltic River GIG Macrophyte Intercalibration Exercise, June 2007year:2007				
Kolada, A., Pall, K., Pardo, I., Pot, R. & Stelzer, D.title:Report on the Central Baltic River GIG Macrophyte Intercalibration Exercise, June 2007year:2007		Birk, S., Willby, N., Chauvin, C., Coops, H.C., Denvs, L., Galoux, D		
year: 2007				
year: 2007	title:	Report on the Central Baltic River GIG Macrophyte Intercalibration		
5				
citation of the metadata:	year:	2007		
	citation of the metadata:			

#### comments:

Where specified, data owners need to be contacted for further information on data availability. Otherwise, data available according to criteria listed against data provider.

### General data specifications

#### regional coverage of the dataset:

scale of the dataset:	continental	
continents:	Europe	
countries:	Europe: Austria, Belgium, Bulgaria, Czech Republic, Denmark, Estonia,	
	France, Germany, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg,	
	Netherlands, Poland, Romania, Slovakia, Slovenia, Spain, United Kingdom	

### Site specifications

coordinate system/grid data:	latitude/longitude, format: DD
comments:	Coordinates only partly available.
site coding:	
site coding available:	yes
	numerical
number of digits:	3
example:	345
number of sites:	>1000
exact number of sites:	2614

#### Climate and environmental data

climate related data: available per: available parameters:	per site	
	mean annual precipitation	
	frondrada taqunoveiders	
	mean annual air temperatrue	
comments:	data only partly avaiable (mainly for sites with high status, data are derived	
	via coordinates)	
environmental data:		
available parameters per catchment:	catchment size	
available parameters per catchment:	catchment geology	
available parameters per site:	catchment land use upstream of sampling site	
available parameters per site:	altitude	
available parameters per site:	mean depth	
available parameters per site:	substrate composition	
physico-chemistry data:	total P, ortho P, nitrate, ammonium, alkalinity, oxygen content, BOD5	
	(biochemical oyxgen demand), conductivity	
availability of physico-chemical data, if there is more than one sample per site:		

mean values per site

yes

#### stressors influencing the sites:

reference sites available:

### **Biological data**

biological data origin:	from sampling
specify project:	national WFD monitoring programmes

organism group addressed:

macrophytes

# Sample specifications/sample resolution

macrophytes:		
sample information:		
covered timeframe:		
year from - to:	2000 - 2009	
historical data:	no	
palaeo data:	no	
season:	summer	
temporal resolution/frequency of s	ampling:	
	once per monitoring cycle	
time series data:	no	
taxonomic resolution:	genus, species	
taxonomic coding:		
coding system:	internal coding (intercalibration exercise)	
example:	AMB.FLU	
sample specifications:	quantitative (abundance data)	
replicate samples:	yes	
number of samples:	3195	
specification of method(s) used fo	r sampling and sorting:	
Sampling was in line with the requirements of the European Standard		
	EN 14184:2003. Representative river stretches were visually inspected	
	during the growing season (June to September) by wading, diving or	
	boating, using rake, grapnel or aqua-scope where necessary.	
	Representative sites spanned about 100 m of	
	river length.	
sample type (e.g. habitat specific	samples, composite samples etc.):	
	multi-habitat	
specific sample location (e.g. littoral, profundal, transect, shoreline, hyporheic zone, etc.):		
epeenie eanipie ieeanen (eigi mei	entire stream width	
other important sample related informations:		
The abundance data were converted from the national into a standard		
	international	
	five-class abundance scale according to	
	Birk, S. & Willby, N.J. (2010) Towards harmonization of ecological quality	
	classification: establishing common grounds in European macrophyte	
	assessment for rivers. Hydrobiologia, 652, 149-163.	
comments:	replicates only for some sites	
commonto.		

### **Other specifications**

availability of photos:	no
availability of maps:	no
quality control procedures:	

Were any quality control procedures applied to your dataset?

no