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## Assessing Taxonomic Needs in Ghana

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### Draft Questionnaire for Taxonomic Needs Assessment

The purpose of this assessment is to identify the taxonomic information that is required for *[focus to be identified]* in Ghana. The assessment is focussed on the needs of Ghanaian organisations involved in *[focus to be identified]*. The results of this assessment will help to inform the priorities of interested taxonomic organisations in Ghana and elsewhere, and of the wider biodiversity conservation community. Results will be made available to the Government of Ghana so that national policy may be informed.

It is hoped that the methodology developed for the Ghanaian needs assessment will provide a useful model for other countries in the region, and in particular for partners in the taxonomic cooperation network WAFRINET.

## IMPORTANT

**The personal details you provide are protected by the provisions of the Data Protection Act. Under the terms of this legislation the Board of Trustees of the NHM, our data controller, is responsible for processing this information fairly and lawfully.**

### How will my information be used?

Some of the information on taxonomic needs that is collected will be made available publicly in the form of a report that may be published on the World Wide Web. This will include the names of the organisations consulted and key needs identified by particular groups of organisations.

This information will only be made available with your explicit permission, all other information will be kept private and only used for statistical purposes.

Please tick this box if you are happy for the information outlined above to be made available

You may withhold permission for *any* of your details to be published via the internet at any time.

By submitting the form enclosed you consent to the Museum collecting and processing the data you provide within the terms of the Data Protection Act and using that data only for the purposes outlined above.

You have a right to access or amend these data at any time by contacting the GTI focal point at the Natural History Museum;

[a.taylor@nhm.ac.uk](mailto:a.taylor@nhm.ac.uk)

***N.B. This component was incorporated into the UK Needs Assessment in order to comply with UK and EU law. We should discuss whether similar legal constraints apply to Ghana.***

## Part 1 – About your organisation

Details of Organisation	
Name and Address of organisation	
Homepage (URL)	

Name of person who has filled in questionnaire	
Name	
Position in organisation	
Phone/Fax	
Email	

Is your organisation (please tick one or several)	
<input type="checkbox"/> A statutory agency	<input type="checkbox"/> A private company
<input type="checkbox"/> A government department	<input type="checkbox"/> A research institution
<input type="checkbox"/> A national non-governmental organisation	<input type="checkbox"/> An amateur society
<input type="checkbox"/> A regional non-governmental organisation	<input type="checkbox"/> A University or other Educational body
<input type="checkbox"/> An environmental management body	<input type="checkbox"/> A small business
Other (please specify);	

Please Provide a brief statement of the role and interests of your organisation

Please indicate the Ecosystem(s) to which your activities relate. Write '1' for most and '2' for some.	
<input type="checkbox"/> Agricultural Biodiversity	<input type="checkbox"/> Forest Biodiversity
<input type="checkbox"/> Dry And Sub-Humid Lands Biodiversity	<input type="checkbox"/> Inland Waters Biodiversity
<input type="checkbox"/> Marine and Coastal Biodiversity	<input type="checkbox"/> Island Biodiversity
<input type="checkbox"/> Mountain Biodiversity	
More detailed term (one-4 words only)	

Please indicate the CBD Cross-Cutting Issue to which your activities relate. Write '1' for most and '2' for some.	
<input type="checkbox"/> Access to genetic resources and benefit-sharing	<input type="checkbox"/> Invasive Alien Species
<input type="checkbox"/> traditional knowledge, innovations, and practices	<input type="checkbox"/> Biodiversity and tourism
<input type="checkbox"/> Climate change and biodiversity	<input type="checkbox"/> Economics, trade and incentive measures
<input type="checkbox"/> 2010 Biodiversity target	<input type="checkbox"/> Global Taxonomy initiative
<input type="checkbox"/> Ecosystem approach	<input type="checkbox"/> Global Strategy for Plant Conservation
<input type="checkbox"/> Impact Assessment	<input type="checkbox"/> Indicators
<input type="checkbox"/> Liability and redress	<input type="checkbox"/> Protected areas
<input type="checkbox"/> Public education and awareness	<input type="checkbox"/> Sustainable use of biodiversity
<input type="checkbox"/> Technology transfer and cooperation	

With which of the following groups of species is the work of your organisation most concerned (please tick one or several and if appropriate specify species)	
<b>Terrestrial Species</b>	
<input type="checkbox"/> Birds	
<input type="checkbox"/> Insects and Spiders	
<input type="checkbox"/> Mammals	
<input type="checkbox"/> Microorganisms	
<input type="checkbox"/> Plants (Cryptogamic)	
<input type="checkbox"/> Plants (Vascular)	
<input type="checkbox"/> Reptiles and amphibians	
<input type="checkbox"/> Invasive alien species	
<b>Marine Species</b>	
<input type="checkbox"/> Birds	
<input type="checkbox"/> Fish	
<input type="checkbox"/> Invertebrates	
<input type="checkbox"/> Mammals	
<input type="checkbox"/> Microorganisms	
<input type="checkbox"/> Plants	
<input type="checkbox"/> Invasive alien species	
<b>Freshwater</b>	
<input type="checkbox"/> Fish	
<input type="checkbox"/> Invertebrates	
<input type="checkbox"/> Micro-organisms	
<input type="checkbox"/> Plants	
<input type="checkbox"/> Invasive alien species	
Other (please specify);	

Which of the following activities is your organisation involved in: (please tick one or several)	
<input type="checkbox"/> Identification, assessment and monitoring	<input type="checkbox"/> Conservation
<input type="checkbox"/> Legal and Policy	<input type="checkbox"/> Capacity building
<input type="checkbox"/> Developing reference collections	<input type="checkbox"/> Assessment of phylogenetic diversity
<input type="checkbox"/> Molecular assessment methods	<input type="checkbox"/> Producing identification aids/tools
<input type="checkbox"/> Developing ecological indicators	<input type="checkbox"/> Indicator species taxonomy
<input type="checkbox"/> Compiling Biodiversity Inventories	<input type="checkbox"/> Environmental impact assessment
<input type="checkbox"/> Climate change monitoring	<input type="checkbox"/> Developing rapid assessment techniques
<input type="checkbox"/> Environmental monitoring	<input type="checkbox"/> Environmental research
<input type="checkbox"/> Environmental consulting	<input type="checkbox"/> Analysing species distribution
<input type="checkbox"/> Managing protected areas	<input type="checkbox"/> Selecting/designating protected areas
<input type="checkbox"/> Habitat restoration	<input type="checkbox"/> Species reintroductions
<input type="checkbox"/> Identifying wild relatives	<input type="checkbox"/> Natural resources exploitation
<input type="checkbox"/> Disease control	<input type="checkbox"/> Ecotourism
<input type="checkbox"/> Basic taxonomic training	<input type="checkbox"/> Professional/accredited training
<input type="checkbox"/> Publishing educational materials	<input type="checkbox"/> Providing information to inform Government
<input type="checkbox"/> Enforcing Government policy	<input type="checkbox"/> CITES
<input type="checkbox"/> Legislation and species protection	
<input type="checkbox"/> Other (please specify)	

## Part 2 – About your organisation’s use of taxonomic information

Please read through the following list of information and services. Please identify which of these services are most important for the work of your organisation and in column 2 rank them according to importance from 1 (very important) to 5 (unimportant). In column 3 state whether the resources are available or unavailable. In column 4 please identify the source of the resources (e.g. in-country professionals, amateurs, local library), and in column 5 indicate whether the source is in your view sustainable. Column 6 is for your comments.

1. Taxonomic information and services you use, or would use if they were available	2. Importance	3. Available (y/n)	4. Source	5. Sustainable (y/n/?)	6. Additional Comments
<b>Species Lists</b>					
• Lists of scientific names of animals/plants					
• Lists of common names of animals/plants					
• Information on name changes					
• Lists of invasive alien species					
• Lists of protected animals/plants					
• Lists of species in other countries (e.g. neighbours, sources of pests)					
• Other (please specify)					

<b>Identification Tools</b>					
• Field Guides (paper)					
• Identification keys (paper)					
• Identification tools (CD-ROM)					
• Identification tools (web based)					
• Images/Photographs of animals/plants					
• Specialised Identification services (taxonomic)					
• Formal (taxonomic) Plant/Animal Descriptions					
• Access to specimens of animals/plants					
• Other (please specify)					

<b>Ecological Information</b> (relevant data can sometimes be obtained from taxonomic institutions, although this is generally not the primary source of information)					
• Habitat requirements of animals/plants					
• Phenological information					
• Information on the conservation status of species					
• Information on Animal/Plant interactions					
• Other (please specify)					
<b>Species Distributional Information</b>					
• Point data from specimens (via the web)					
• Point data from specimens (other source)					
• Information on local species distributions					
• Information on national species distributions					
• Information on regional species distributions					
• Distribution maps					
• GIS data					

• Other (please specify)					
<b>Educational Information</b>					
• Public education materials					
• Information on literature					
• Training courses/materials					
• Specimens for student examination					
• Other (please specify)					

Please use the following page to provide more detailed information on the taxonomic information or services you require for biodiversity conservation which are currently unavailable (e.g. specific species/areas, or other types of information not included in the above list)

Many thanks for your time