

Models for Integrating TDWG: Literature

Introduction

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Taxonomic Literature

- The main dissemination platform and source for taxonomic information is the literature
- 300+ years of literature:
 - a necessary resource for taxonomists
 - a valuable source of information for taxonomists, ecologists and others
 - an incredible repository of both data and information of value to many different stakeholders
- The Biodiversity Heritage Library (BHL) is digitizing large quantities of taxonomic literature

Access to legacy literature

- Much information is buried in publications - neither abstracted nor indexed
- Literature is difficult to obtain for many who need it
- Accessing useful information can be *ad hoc* and difficult – leading to time wasted and hypotheses based on incomplete data
- Accessing indexed resources hindered by:
 - different standards for citation and metadata;
 - citations, author names etc often not given in full
- Solutions must apply to future publication

Solutions

- Several initiatives are:
 - developing standards for citations;
 - enhancing bibliographic tools to enhancing access to library content;
 - digitizing content in searchable and non-searchable formats
 - marking up in XML.
- We are going to hear of some of these today, including discussion of the tools being developed
- *Shameless Promotion:* Later today (1:15 and 3:30) there will be a demonstration of one of the new systems, INOTAXA, built on the taXMLit literature schema