Demonstrate mobilization and discovery of sample based data

**Key dates**

* April 1-3: EU BON training workshop, Crete
* Oct: GBIF Governing Board
* Nov 3-7: TDWG conference, Nairobi

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| **#** | **Task** | **Sub-task** | **Due Date**  **(month/week)** | **Issue** |
| **1** | Define “sample” core and “sample-occurrence” extension for Darwin Core Archive |  | Feb w4 | Get agreement that the Event class is equivalent of a “Sample” class |
| **1.1** |  | Define new terms: “quantity”, “quantityType”  “eventSeries” | Mar w3 | Get agreement on new terms and their definitions |
| **1.2** |  | Is it possible to identify a sampling protocol in a machine readable way? | Mar w4 | Alternatives: controlled vocabulary; publication reference (DOI?); URL |
| **2** | Develop controlled vocabulary for quantityType |  | Mar w3 | Which are the most important quantity types? Get input from partners. |
| **3** | Get feedback on data model |  | Mar w2 | Is the data model acceptable for end users? Get input from partners and GEO BON (HP) |
| **4** | Develop test instance of the IPT that recognises the new core/extension and prepares data for publication |  | Mar w2 |  |
| **5** | Identify at least two publishers of (sample) data who will test IPT |  | April w1 |  |
| **6** | Proof-of-concept datasets are configured and have complete metadata in EML |  | June w1 |  |
| **7** | Engage broader community (outside EU BON) |  |  |  |
| **7.1** |  | Invitation for further testing goes to the TDWG list | May w1 | This should happen after initial testing/feedback at EO BON workshop in Crete |
| **7.2** |  | Organise symposium on standards/tools for publishing sample data at TDWG 2014 | Nov w1 |  |
| **8** | Demonstration of publishing of sample-based data through the GBIF network |  |  |  |
| **8.1** |  | GBIF portal recognises the new "sample" core (along side the Occurrence and Taxon cores) | ? |  |
| **8.2** |  | Records associated with a particular sampling protocol or quantity type can be identified, discovered and downloaded | ? |  |
| **8.3** |  | Web services allow automated access with combined filters (BioVel-demonstrator) | ? |  |