

Réunion PhyloAlps #16

PhyloAlps/PhyloNorway Workshop à Tromsø, Norvège

04-06/12/2018

Participants

- Adriana Alberti
- Inger Greve Alsos
- France Denoeud
- Eric Coissac
- Anthony Hombiat
- Sébastien Lavergne

Data

Model

- Add tag for the sequencing quality indicator
- Add software attribute for sequence/assembly
- Add a BOLD compliance indicator:
 - Sample ID
 - Museum ID/Field ID
 - Associated collections
 - Sample location
 - Picture (= voucher)

Datasets

- Expose Django DB as RDF
- Integrate Androsace phenotypic traits data
- Integrate GBIF occurrences data

Versioning

- Method to go from one version to the next
- Method to update taxon from taxonomies

Quality

- Implement annotations interfaces
- Create multidimensional data quality indicator

Download

- embl files in archive

Taxonomy

Table

- Add project in the taxa interface
- Add family browsing in taxa
- Put the number of results up
- Replace the vernacular taxon name with the project name
- Some Species taxon are related to subspecies !
- Replace the "CBNA name" label with "Provider name"

Tree structure

- Allow the user to show/hide the no sample taxa
- Expand the node when there is only one way with samples
- Reset the search box when clicking a node
- Show a loader when clicking a node (to prevent multiple clicks)
- Plant/Animal button to change the root of the tree
- Show the path to the selected taxon in a clickable breadcrumb
- Go further to the right when a node is open if its children are outside the viewport

Name reconciliation

- Bridge the gap between taxon from different Taxonomies with:
 - ontology matchers
 - TNRS systems
- Each taxon must be linked to an instance of a the taxonomy concept which has release date

DNA Assembly

Template

- Add gene browser
- Allow some people to browse without seeing the link to the sequence

Graph

- Add legend for color, style, thickness
- Display infos in a box on the right with the tooltip info

Sampleset

- People can create a temporary sampleset and ask for the associated set of sequences by mail
- Add the sampleset creation feature
 - session samplesets
 - permanent samplesets

User roles

- Anonymous: can browse
- Project Member: can browse, edit
- Project Supervisor: can browse, edit, flag
- Administrator: can browse, edit, flag, manage members

Django Application

- Advanced search interface (see the Tropicos app)

Cartographic map

- Prevent the map dialog box to move when its link is clicked