**User Study Semantic Dataset Search, Issue-based Metrics**

User 20:

Date and Time: 15.7.22 10:15 – 12:15 Uhr

Location: UFZ, Halle

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| --- | --- | --- | --- | --- |
|  | Functionality | Content | Comprehensibility | Presentation |
| Biodiv1 -Task8  3:25 min |  |  |  |  |
| Biodiv1 -Task4  3:30 min |  | Very similar results from the same authors |  |  |
| Biodiv1 -Task3  2:40 min | Cleaning function of form fields is missing  Additional facts/ filtering afterwards would be helpful | Poales is not per se invasive! |  |  |
| Biodiv1 -Task2  3:15 min |  | Search term „ocean“, result with „ocean acidification“ – is their a relation? |  | Oxygen is not always highlighted in text  Sometimes too many bold font in highlighted text – highlighted only the relevant terms |
| Biodiv 1 –  POST System | Time limit influences the usage of some functions, e.g., biological entities – not used  I’m neutral to functions I have not used. |  |  |  |
| Biodiv2 -Task6  1:30 min |  |  |  |  |
| Biodiv2 -Task1  2:24 min |  |  |  | Highlighting is missing – this is confusing |
| Biodiv2 -Task5  3:00 min |  |  |  | Highlighting sometimes only in titles, sometimes only in text |
| Biodiv2 -Task7  3:20 min | Confirmation after basket deletion is missing | Many datasets are not relevant to the task |  |  |
| Biodiv2–  POST System |  |  |  |  |

General observations/ comments:

* Can I limit the synonyms in search?
* I need to know how the system ranks the datasets
* If the first 10 datasets are only by one author – difficult
* Keyboard is a bit unusal
* More efficient: biodiv1 but easier to use: biodiv 2 (no need to think in categories)
* No URIs/ biological entity function used

**User Study Semantic Dataset Search, Observer’s sheet**

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| Biodiv1 -Task8 | Task is too unspecific  I’ll take the time I need to find relevant data. 5 min is too short! |  |  |  |
| Biodiv1 -Task4 | Cold seep looked up at wikipedia |  |  |  |
| Biodiv1 -Task3 |  |  |  |  |
| Biodiv1 -Task2 | Suggestion: only highlight all search terms |  |  |  |
| Biodiv 1 –  POST System |  |  |  |  |
| Biodiv2 -Task6 |  |  |  |  |
| Biodiv2 -Task1 | I always search „structured“, e.g., search for benth and not benthic  I think in categories |  |  |  |
| Biodiv2 -Task5 |  |  |  |  |
| Biodiv2 -Task7 |  |  |  |  |
| Biodiv2–  POST System |  |  |  |  |