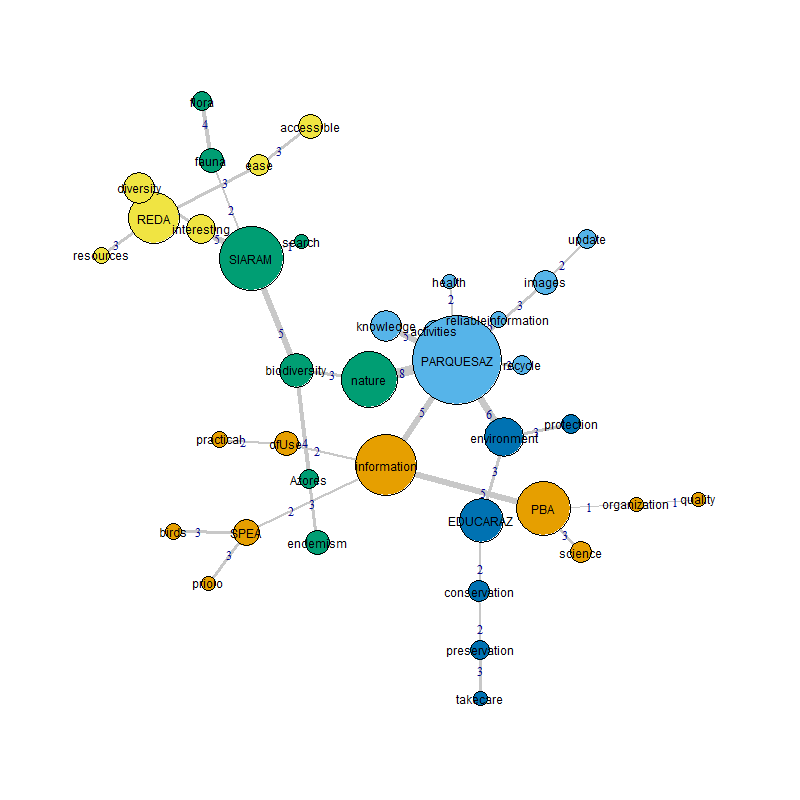
**Table S2a** Teachers usability dimensions and type of search in biodiversity related web Portals.

|  |  |  |
| --- | --- | --- |
| Dimensions | Type of information | Freq. |
| Taxonomic information | 17.1 Search for species taxonomic information | 40 |
| Audiovisual resources | 17.2 Search species images | 69 |
| Audiovisual resources | 17.3 Search for landscape images | 56 |
| Audiovisual resources | 17.7 Search and upload historic videos | 19 |
| Other specialized information | 17.4 Search bibliographic/specialized information | 25 |
| Ecological information | 17.5 Search for ecological information | 63 |
| Ecological information | 17.6 Search for species distribution maps | 19 |
| Pedagogical resources | 17.8 Prepare pedagogical resources to envolve the students | 64 |
| Teach how to research with portals | 17.9 Learn how to search in the Portal | 21 |
| Teach how to research with portals | 17.10 Use the Portal in lessons | 43 |
| Others | 17.11 Ask for aditional information to Portal managers | 2 |
| Others | 17.12 Access legislation | 5 |
| Others | 17.13 Others | 4 |





**Table S2c** Relative frequency of teachers’ portals usability, assessment, and resources and activities. RFreq, relative frequency.

|  |  |  |  |
| --- | --- | --- | --- |
| **Portals** | **RFreq. - Usabilibility** | **RFreq. - Assessment** | **RFreq. - Resources and Activities** |
| ABAE | 0,00 | 0,00 | 0,00 |
| AMIGOSAZ | 0,00 | 16,67 | **33,33** |
| AVESAZ | 0,00 | 25,00 | 0,00 |
| EDUCARAZ | 2,00 | 10,00 | 10,00 |
| ICNF | 0,00 | 0,00 | 0,00 |
| PARQUESAZ | 6,36 | 5,45 | **15,45** |
| PBA | 7,55 | **11,32** | 7,55 |
| REDA | **22,45** | 12,24 | 14,29 |
| SIARAM | 8,11 | **21,62** | 6,76 |
| SPEA | 4,55 | 13,64 | 13,64 |
| **Total** | **8,00** | **11,73** | **11,47** |

**Fig. S2d** Similarity analysis of what teachers think about different Biodiversity portals (in capital letters). Line thickness and numbers correspond to frequency of co-occurrence; circle size corresponds to word frequency, circle colour according to similarity clusters.