| **Table 1.** Rapid assessment of habitat diversity in watershed areas, modified from the protocol of the Environmental Protection Agency (EPA), USA, 1987 (Callisto et al., 2002). Note: 4 points (natural situation), 2 and 0 points (slightly or deeply altered) | | | | | |
| --- | --- | --- | --- | --- | --- |
| Location: | | Date of collection: | | | |
| Time of collection: | | Time (situation of the day): | | | |
| Collection mode (Collector): | | Water pH: | | | |
| Type of environment:  Stream ( ) River ( ) Lake ( ) Pond ( ) Waterfall ( ) | | | | | |
| **Parameters** | **Score**  4 points 2 points 0 point | | | | |
| 1- Type of occupation at the margin of water bodies (main activity) | Native vegetation | Pasture/ Agriculture/ Monoculture/ Reforestation | Residential/ Commercial/ Industrial | | |
| 2- Erosion near river margins and silting of the riverbed | Absent | Moderate | Accentuated | | |
| 3-Anthropic alterations | Absent | Alterations of domestic origin (sewage, garbage) | Alterations of industrial/urban origin (factories, iron and steel industry, canalization, reuse of the river course) |
| 4- Plant coverage in the riverbed | Partial | Total | Absent |
| 5- Water odor | None | Sewage  (rotten egg) | Oil/Industrial |
| 6-Water oiliness | Absent | Moderate | Abundant |
| 7- Water transparency | Transparent | Turbid | Opaque or colorful |
| 8- Odor of the sediment (bottom) | None | Sewage  (rotten egg) | Oil/Industrial |
| 9- Bottom oiliness | Absent | Moderate | Abundant |
| 10- Type of bottom | Rocks/rubble | Mud/sand | Cement/canalized |
|  | | | | |