Fluvial Habitat Index for Mediterranean streams. Index IHF

<table>
<thead>
<tr>
<th>Parts</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1. Embeddedness in riffles and runs – sedimentation in pools</strong></td>
<td></td>
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<tr>
<td><strong>Riffles</strong></td>
<td></td>
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<tr>
<td>Stones, pebbles and gravel embebed in fine sediment in 0 - 30%</td>
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<td>0</td>
</tr>
<tr>
<td><strong>Pools</strong></td>
<td></td>
</tr>
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<td>Sedimentation 0 - 30%</td>
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<td><strong>TOTAL (only one score from pools or from riffles)</strong></td>
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</table>

| **2. Riffle frequency** | 
| High frequency of riffles. Ratio: distance between riffles / stream width < 7 | 10 |
| Medium. Ratio: distance between riffles / stream width 7 - 15 | 8 |
| Occasional. Ratio: distance between riffles / stream width 15 - 25 | 6 |
| Scarce or null, laminar flow. Ratio: distance between riffles / stream width >25 | 4 |
| Only pools | 2 |
| **TOTAL (only one score)** | |

| **3. Substrate composition** | 
| % Boulders and stones | 
| 1 - 10% | 2 |
| > 10% | 5 |
| % Pebbles and gravels | 
| 1 - 10% | 2 |
| > 10% | 5 |
| % Sand | 
| 1 - 10% | 2 |
| > 10% | 5 |
| % Silt and clay | 
| 1 - 10% | 2 |
| > 10% | 5 |
| **TOTAL (sum of scores of each class of substrate)** | |

| **4. Velocity/depth regime** | 
| Shallow: < 0.5 m | 
| 4 classes present. Slow-depth, slow-shallow, fast-depth and fast-shallow. | 10 |
| Slow: < 0.3 m/s | 
| Only 3 of 4 regimes | 8 |
| Only 2 of 4 regimes | 6 |
| Only 1 regime | 4 |
| **TOTAL (only one score)** | |

| **5. Shading of river bed** | 
| Shaded with some open areas | 10 |
| Completely shaded | 7 |
| Large open areas | 5 |
| Not shaded | 3 |
| **TOTAL (only one score)** | |

| **6. Heterogeneity components** | 
| Leaf litter | 
| > 10% or < 75% | 4 |
| < 10% or > 75% | 2 |
| Presence of branches and wood in the stream | 2 |
| Tree roots in the banks | 2 |
| Natural dams | 2 |
| **TOTAL (sum of scores of each class)** | |

| **7. Aquatic vegetation cover** | 
| % Plocon + mosses | 
| 10 - 50% | 10 |
| < 10% or > 50% | 5 |
| % Pecton | 
| 10 - 50% | 10 |
| < 10% or > 50% | 5 |
| % Phanerogams + Charales | 
| 10 - 50% | 10 |
| < 10% or > 50% | 5 |
| **TOTAL (sum of scores of each class)** | |

The original description of the IHF index was made by Pardo et al., Limnética in press