Biodiversity Account: Group Exercise 1, Step 1: Select three key species and reasons for selection

Species prioritization and rationale

<table>
<thead>
<tr>
<th>Species</th>
<th>Species name</th>
<th>Reason for selection</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C</td>
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</tbody>
</table>

Instructions:
1. Write down the three key species you will prioritise and why. When picking your key species, keep in mind the goal of the Biodiversity Account and how including that species will provide information to achieve that goal.
Biodiversity Account: Group Exercise 1, Steps 2-4: Calculate Shannon Index and Evenness for three Forest EUs

Instructions: (1) Transfer the counts of individuals for each species from the map to the Species Table for EU02, EU05 and EU10.
(2) Sum the total number of individuals (A + B + C) for EU02, EU05 and EU10.
(3) Calculate \( p_i \) (individuals in species i as a proportion of total number of individuals in the EU)
(4) Calculate \( \ln(p_i) \) for each species
(5) Multiply \( p_i \) by \( \ln(p_i) \) for each species
(6) Calculate Shannon Index (add \( p_i \cdot \ln(p_i) \) for each species in EU); Multiply by -1
(7) Calculate Evenness = Shannon Index / \( \ln(3) \)