Dragonfly monitoring for biodiversity conservation: The Parotets project case study
Jordi Domingo, July 3rd 2013 Krośnie, PL
What is the Parotet Project?

- A group of people with different interests on dragonflies (science, nature photography, etc.) but that spend a lot of time around these insects, that want to learn a bit more about them, and that admit that the data obtained could be useful for “something”.

- A group of people (not related to any organisation) that has been lead by several entities/people in charge of the general management and reporting, and during some years, in charge of looking for funding.

- Linked to the University of Valencia that supports the group (for example, with field equipment or permits)

- Linked to the Regional Authority that includes the data in the “Banc de Dades de Biodiversitat”... and some more feedback.
What is the aim of the group?

- To establish a dragonfly monitoring network in the Valencia Region
- To use this network to identify long-term changes in the dragonfly populations
- To identify short-term changes in the endangered/protected species
- To ensure that the data obtained are public and will be used for conservation purposes
- To involve as many people as possible, not necessarily related to conservation groups
Who is (and who was) collecting the data?

Figura 1. Evolución anual del número de voluntarios a lo largo del desarrollo del Projecte Parotets

<table>
<thead>
<tr>
<th>Año</th>
<th>Número de voluntarios</th>
<th>Presupuesto VOLCAM (€)</th>
<th>Número de registros</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008</td>
<td>27</td>
<td>6.000</td>
<td>322</td>
</tr>
<tr>
<td>2009</td>
<td>43</td>
<td>8.000</td>
<td>1.106</td>
</tr>
<tr>
<td>2010</td>
<td>55</td>
<td>6.500</td>
<td>2.255</td>
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<tr>
<td>2011</td>
<td>66</td>
<td>6.000</td>
<td>2.726</td>
</tr>
<tr>
<td>2012</td>
<td>71</td>
<td>-</td>
<td>1.404</td>
</tr>
<tr>
<td>TOTAL</td>
<td>71</td>
<td>26.500</td>
<td>7.813</td>
</tr>
</tbody>
</table>
How to engage more and diverse people?
What is the progress?

Figura 4. Registros de odonatos en el BDBCV después de introducidos los datos del Proyecto y libro de libélulas y previo al Projecte Parotets, en fecha anterior a 2008

Figura 5. Localidades prospectadas y registros obtenidos durante la totalidad de las convocatorias del Projecte Parotets, años 2008 a 2012
- New populations found for 3 endangered species
- 8 newly recorded species for the Valencia Region
What is the link with management and conservation?
What is the link with information?