





















| Defining the levels of organization |
|-------------------------------------|
| Individual:                         |
| Population:                         |
| Community:                          |
| Ecosystem:                          |
| Landscape:                          |





























































































| Indicator Species                               |                       |                                     |  |  |  |  |  |  |
|---|-----------------------|-------------------------------------|--|--|--|--|--|--|
| Official US Wetland Indicator Status Categories |                       |                                     |  |  |  |  |  |  |
|   | Category              | % Chance species<br>is in a wetland |  |  |  |  |  |  |
|   | Wetland Obligate      |                                     |  |  |  |  |  |  |
|   | Fac – wet Species     |                                     |  |  |  |  |  |  |
|   | Facultative Species   |                                     |  |  |  |  |  |  |
|   | Fac – upland Species  |                                     |  |  |  |  |  |  |
|   | Upland Species        |                                     |  |  |  |  |  |  |
| V   | hich are the good INE | DICATOR SPECIES?                    |  |  |  |  |  |  |



| Character    | Biological Interactions Characterizing interactions between species |                        |                     |   |  |
|--------------|---|------------------------|---------------------|---|--|
|              | Ecological Interaction  | Effect on<br>Species 1 | Effect on Species 2 |   |  |
|              | <b>Mutualism</b> (pollination, dispersal)                           |                        |                     |   |  |
|              | Competition   |                        |                     |   |  |
| Consumer -   | Herbivory   |                        |                     |   |  |
| Resource -   | Predation   |                        |                     |   |  |
| Interactions | Disease   |                        |                     |   |  |
|              |   |                        |                     | - |  |

































