

## Table S1 Supplementary Materials

Second and third sections of the questionnaire administered to visitors to King's Lagoon wetland. The English translation of the questionnaire used to assess visitors' perceptions of key ecosystem services provided by the study area.

### 1. What is the main reason for your visit to the King's Lagoon wetland?

- ☐ Relax
- ☐ Contact with nature
- ☐ Nature photography
- ☐ Leisure
- ☐ Sport
- ☐ Local culture and heritage
- ☐ Other: \_\_\_\_\_

### 2. On a scale of 1 to 5, where 1 is the lowest and 5 the highest value, what is your level of satisfaction with the following landscape elements present in the wetland?

	1	2	3	4	5
Wetlands					
Cultivated areas					
Seminatural areas					
Ecomosaic (a harmonious combination of all existing elements)					

### 3. Natural ecosystems provide a number of important goods and services that positively affect human well-being. Which three do you think are or could be priorities for the King's Lagoon wetland?

<ul style="list-style-type: none"> <li>✓ Water availability</li> <li>✓ Source of food (Agriculture)</li> <li>✓ Fishing</li> <li>✓ Harvest of wild edible plants</li> <li>✓ Depuration/ Improvement of water quality</li> <li>✓ Flood control</li> <li>✓ Climate change mitigation</li> </ul>	<ul style="list-style-type: none"> <li>✓ Pristine nature and landscape</li> <li>✓ Nature-based tourism</li> <li>✓ Socialization opportunities</li> <li>✓ Ancient traditions and cultural heritage</li> <li>✓ Human health and well-being</li> <li>✓ Biodiversity</li> </ul>
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### 4. Can you associate only the three answers provided to the previous question with the wetland landscape elements of King's Lagoon?

Ecosystem Services	WET (Wetlands)	AGR (Cultivated areas)	MEAD (Seminatural areas)	MIXED (combination of all existing elements)
1.				
2.				
3.				

### Table S2 Supplementary Materials

List of all detected bird species with their corresponding total occurrence, considering both time (12 annual surveys) and space (67 square cells), as well as their monthly abundance and their breeding status inside the King's Lagoon and/or in the SPA IT9110005 "Marshes of the Gulf of Manfredonia.

[illegible]

[illegible]





PO	<i>Podiceps nigricollis</i> Brehm, 1831															3	3
GR	<i>Rallus aquaticus</i> Linnaeus, 1758		X													1	1
PA	<i>Remiz pendulinus</i> (Linnaeus, 1758)	X	X													52	25
PA	<i>Saxicola torquatus</i> (Linnaeus, 1766)															2	2
CL	<i>Streptopelia decaocto</i> (Frivaldszky, 1838)	X	X													33	3
PA	<i>Sturnus vulgaris</i> Linnaeus, 1758		X													26	4
PO	<i>Tachybaptus ruficollis</i> (Pallas, 1764)	X	X													9	5
CA	<i>Tachymarpis melba</i> (Linnaeus, 1758)		X													11	4
AN	<i>Tadorna tadorna</i> (Linnaeus, 1758)	X	X													16	8
CH	<i>Tringa glareola</i> Linnaeus, 1758															12	4
CH	<i>Tringa nebularia</i> (Gunnerus, 1767)															1	1
CH	<i>Tringa totanus</i> (Linnaeus, 1758)															9	6
CR	<i>Upupa epops</i> Linnaeus, 1758	X	X													1	1
CH	<i>Vanellus vanellus</i> (Linnaeus, 1758)															26	3
PA	<i>Passeriformes spp</i>															29	16
CH	<i>Charadriformes sp</i>															4	2
AF	<i>Accipitriformes/Falconiformes sp</i>															4	2

**Legend:**

CODE	ORDER/GROUP	SPECIES RICHNESS
AF	ACCIPITRIFORMES and FALCONIFORMES	9
AN	ANSERIFORMES	8
CA	CAPRIMULGIFORMES and APODIFORMES	3
CH	CHARADRIFORMES	12
CI	CICONIIFORMES	11
CL	COLUMBIFORMES	3
CR	CORACIIFORMES	3
EX	EXOTIC	1
GR	GRUIFORMES	3
LS	CHARADRIFORMES (LARIDAE AND STERNIDAE)	5
PA	PASSERIFORMES	34
PO	PODICIPEDIFORMES	3
SU	SULIFORMES	2

Nr contact
1
2-3
4-7
8-20
21-50
over 50

Photoboard S3 Supplementary Materials

Landcover classes of King's Lagoon





## Photoboard S4 Supplementary Materials

### Agroecomosaic of King's Lagoon (MIXED biotope)



photo by Salvatore Giannino



## Photoboard S5 Supplementary Materials

Species with the highest abundance and occurrence (abundance >5% and occurrence > 30 cells)



a)



b)



c)



d)



e)



f)

- a) *Cisticola juncidis* (photo by Vincenzo Rizzi)
- b) *Anas platyrhynchos* (photo by Matteo Caldarella)
- c) *Acrocephalus scirpaceus* (photo by Walter Caterina)

- d) *Fulica atra* (photo by Vincenzo Rizzi)
- e) *Cettia cetti* (photo by Walter Caterina)
- f) *Phalacrocorax carbo* (photo by Vincenzo Rizzi)



## Photoboard S6 Supplementary Materials

Ardeidae as flagship species



a)



b)



c)



d)



e)



f)



g)



h)

- a) *Ardea alba* (photo by Vincenzo Rizzi)
- b) *Ardea cinerea* (photo by Salvatore Giannino)
- c) *Ardea purpurea* (photo by Mario Lacetera)
- d) *Ardeola ralloides* (photo by Salvatore Giannino)

- e) *Botaurus stellaris* (photo by Vincenzo Rizzi)
- f) *Bubulcus ibis* (photo by Vincenzo Rizzi)
- g) *Egretta garzetta* (photo by Vincenzo Rizzi)
- h) *Ixobrychus minutus* (photo by Matteo Caldarella)