**Annexe :** Résultats des recensements internationaux d'oiseaux d'eau (hiver) : *Sebkha Bou Areg*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Années** | **1983** | **1984** | **1985** | **1987** | **1989** | **1990** | **1991** | **1992** | **1993** | **1994** | **1995** | **1997** | **1998** | **1999** | **2000** |
| *Tadorna tadorna* |  | 1 | 131 |  |  | 147 | 56 |  |  | 59 | 206 | 4 | 439 |  | 52 |  |
| *Anas penelope* |  | 2 | 88 | 105 |  | 73 | 22 |  |  | 20 | 191 | 45 |  |  |  |  |
| *Anas strepera* |  |  |  |  |  |  | 6 |  |  |  |  | 2 |  |  |  |  |
| *Anas crecca* |  |  |  |  |  | 2 | 8 |  |  |  |  | 2 |  |  |  |  |
| *Anas platyrhynchos* |  |  | 7 | 1 |  |  | 44 | 50 | 7 | 20 | 189 | 46 | 58 | 70 | 75 |  |
| *Anas acuta* |  |  | 6 | 52 |  | 11 | 40 |  |  | 94 | 235 | 20 |  |  | 44 |  |
| *Anas clypeata* |  |  | 70 | 200 |  | 27 | 196 |  |  | 843 | 444 | 88 | 50 |  | 451 | 7 |
| *Marmaronetta angustirostris* |  |  |  |  |  |  | 1 |  | 4 |  |  |  |  |  |  |  |
| *Netta rufina* |  |  |  |  |  |  |  |  | 48 |  |  |  |  |  |  |  |
| *Aythya ferina* |  |  |  |  |  | 206 |  |  |  | 406 | 331 |  |  |  |  |  |
| *Aythya fuligula* |  |  |  |  |  |  |  |  |  | 34 | 24 |  |  |  |  |  |
| *Mergus serrator* |  | 10 | 23 |  |  |  |  |  |  | 29 | 32 |  | 3 | 25 |  |  |
| *Anatidae spp.* |  |  |  |  |  | 700 |  |  |  | 170 | 6 |  |  |  |  |  |
| *Tachybaptus ruficollis* |  |  | 12 |  |  |  |  |  |  | 130 | 17 |  | 3 |  |  | 7 |
| *Podiceps cristatus* |  |  | 100 | 74 | 50 | 550 | 137 | 5 | 600 | 2100 | 734 | 535 | 139 | 730 | 715 | 244 |
| *Podiceps nigricollis* |  |  |  |  |  |  |  |  | 2 | 2 | 59 | 3 | 6 | 6 |  | 7 |
| *Morus bassana* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 21 |
| *Phalacrocorax carbo sinensis* |  |  |  |  |  | 6 | 35 |  | 5 | 284 | 488 | 395 | 347 | 356 | 300 | 87 |
| *Phalacrocorax aristotelis* |  |  | 39 | 55 |  |  |  |  |  | 4 |  |  |  |  |  | 157 |
| *Ardea cinerea* |  |  | 18 | 11 |  | 52 | 36 | 5 | 13 | 39 | 112 | 11 | 146 | 20 | 26 |  |
| *Egretta garzetta* |  |  | 26 | 11 |  | 10 | 3 | 5 | 11 | 39 | 109 | 10 | 95 | 14 | 38 | 75 |
| *Ardea ibis* |  |  |  | 120 |  |  | 50 | 50 | 110 |  | 5000 | 100 | 630 |  |  |  |
| *Nycticorax nycticorax* |  |  |  |  |  |  |  |  |  | 8 |  |  |  |  |  |  |
| *Ciconia ciconia* |  |  |  |  |  |  |  | 5 | 1 |  |  |  |  |  |  |  |
| *Phoenicopterus ruber* |  |  | 86 | 87 | 90 | 67 | 345 | 50 | 110 | 554 | 542 | 779 | 589 | 290 | 692 | 229 |
| *Gallinula chloropus* |  |  |  |  |  |  |  |  |  | 5 |  |  |  |  | 50 |  |
| *Fulica atra* |  | 203 | 436 | 187 | 50 | 190 | 230 | 50 | 115 | 573 | 896 | 369 | 460 |  | 536 | 2691 |
| *Fulica cristata* |  |  |  |  |  |  |  |  |  |  |  |  | 5 |  |  |  |
| *Haematopus ostralegus* |  |  |  |  |  |  |  |  |  |  | 13 |  |  |  | 5 | 3 |
| *Himantopus himantopus* |  |  | 34 | 5 |  | 8 | 2 | 5 |  | 36 | 2 |  | 87 | 48 | 34 | 14 |
| *Recurvirostra avosetta* |  |  | 109 | 5 |  | 1 |  | 5 |  | 22 | 6 | 20 | 81 |  |  | 6 |
| *Burhinus oedicnemus* |  |  |  |  |  |  |  |  |  |  | 100 |  |  |  |  |  |
| *Vanellus vanellus* |  |  |  | 7 |  | 150 | 1 |  | 3 | 14 | 9 |  |  |  |  |  |
| *Pluvialis apricaria* |  |  |  |  |  |  | 2 |  |  | 81 |  |  | 4 |  |  |  |
| *Pluvialis squatarola* |  |  | 51 | 13 |  | 11 | 14 |  |  | 3 | 113 | 8 | 4 | 65 | 17 | 21 |
| *Charadrius hiaticula* |  |  | 10 | 5 |  | 17 | 18 | 50 | 104 | 8 | 57 | 10 | 46 | 7 | 95 | 122 |
| *Charadrius dubius* |  |  |  | 28 |  |  | 35 | 50 |  | 3 | 16 |  |  | 11 |  |  |
| *Charadrius alexandrinus* |  |  | 47 | 8 |  | 218 | 38 |  |  | 8 | 327 | 74 | 174 |  | 57 | 102 |
| *Charadrius spp.* |  |  |  |  |  |  | 80 |  |  |  |  |  |  |  |  |  |
| *Limosa limosa* |  |  | 189 | 30 |  |  |  |  |  |  | 15 | 22 |  | 107 |  |  |
| *Limosa lapponica* |  |  |  | 1 |  |  |  |  | 5 |  | 7 |  |  |  | 56 |  |
| *Numenius phaeopus* |  |  |  | 2 |  |  |  |  |  |  |  |  |  | 1 |  |  |
| *Numenius arquata* |  |  | 11 | 6 |  | 51 | 18 | 5 |  | 3 | 161 | 4 | 68 | 1 | 1 | 21 |
| *Numenius spp.* |  |  |  |  |  |  |  |  |  | 4 |  |  |  |  |  |  |
| *Tringa erythropus* |  |  |  | 2 |  | 1 |  |  |  |  | 5 | 1 |  |  |  |  |
| *Tringa totanus* |  |  | 142 | 16 |  | 51 | 26 | 50 | 8 | 70 | 43 | 53 | 178 | 107 | 56 | 248 |
| *Tringa stagnatilis* |  |  |  |  |  | 2 |  |  |  |  |  |  |  |  |  |  |
| *Tringa nebularia* |  |  | 5 |  |  |  |  |  |  |  | 8 |  |  |  | 5 | 7 |
| *Tringa ochropus* |  |  |  |  |  |  |  |  |  |  | 5 |  | 1 |  | 1 |  |
| *Tringa spp.* |  |  |  |  |  |  |  |  | 50 |  |  |  |  |  |  |  |
| *Tringa hypoleucos* |  |  | 7 |  |  |  |  | 50 |  | 6 | 25 | 5 | 3 |  |  |  |
| *Arenaria interpres* |  |  | 7 |  | 10 | 2 |  |  |  |  | 24 | 1 | 14 |  | 6 |  |
| *Gallinago gallinago* |  |  | 1 |  |  |  |  |  |  |  | 12 | 4 | 2 |  |  |  |
| *Calidris canutus* |  |  |  |  |  |  |  | 5 |  |  | 1 |  |  |  |  |  |
| *Calidris alba* |  |  |  | 4 |  |  | 5 | 5 | 15 |  | 42 |  | 35 |  | 67 | 6 |
| *Calidris minuta* |  |  | 49 |  |  | 244 |  |  |  | 111 | 219 | 15 | 53 |  | 165 | 213 |
| *Calidris alpina* |  |  | 324 | 35 |  | 131 | 19 |  |  | 92 | 682 | 320 | 160 | 37 | 379 | 690 |
| *Calidris ferruginea* |  |  |  |  |  | 3 |  |  |  |  |  |  |  |  |  |  |
| *Calidris spp.* |  |  |  |  |  |  | 6 |  | 200 |  |  |  |  |  |  |  |
| *Philomachus pugnax* |  |  |  | 23 |  | 5 | 40 | 50 |  |  | 1 |  |  | 11 |  |  |
| *Charadrii spp.* |  |  |  |  |  |  |  |  | 50 | 200 |  |  |  | 200 |  |  |
| *Larus audouinii* |  |  |  |  |  |  |  |  |  | 40 | 440 |  | 556 | 121 | 140 | 310 |
| *Larus cachinnans* |  |  |  | 666 |  |  | 300 | 500 | 55 | 200 | 1285 | 291 | 793 | 264 | 102 | 161 |
| *Larus fuscus* |  |  |  | 18 |  |  |  |  |  | 10000 | 20 |  | 165 | 91 | 51 | 93 |
| *Larus melanocephalus* |  |  |  |  |  |  | 24 |  |  |  |  |  |  |  |  |  |
| *Larus ridibundus* |  |  |  | 799 |  |  | 62 |  |  | 150 | 1612 | 430 | 1630 | 541 | 707 | 478 |
| *Larus genei* |  |  |  |  |  |  |  |  |  |  | 11 |  |  |  |  | 6 |
| *Larus minutus* |  |  |  |  |  | 1 |  |  |  |  | 2 |  |  |  |  |  |
| *Larus spp.* |  |  |  | 183 |  |  |  |  | 750 |  |  |  |  |  |  |  |
| *Chlidonias niger* |  |  |  |  |  |  |  |  |  |  | 25 |  |  |  |  |  |
| *Sterna caspia* |  |  |  | 5 |  | 2 |  |  |  |  | 5 |  |  |  | 5 |  |
| *Sterna maxima* |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |
| *Sterna bengalensis* |  |  |  |  |  |  |  |  |  |  | 22 |  |  |  |  |  |
| *Sterna sandvicensis* |  |  |  | 29 |  |  |  |  |  |  | 133 | 45 | 58 | 10 | 20 | 14 |
| *Laridae spp.* |  |  |  |  |  |  |  |  |  | 11 |  | 210 |  |  |  |  |
| *Pandion haliaetus* |  |  | 2 | 1 |  | 1 | 1 | 5 |  | 3 | 3 |  | 1 | 2 |  |  |
| *Circus aeruginosus* |  |  |  |  |  | 5 | 2 | 5 | 1 | 5 | 6 | 1 |  |  |  |  |
| *Circus cyaneus* |  |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |
| *Circus macrourus* |  |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |
| *Asio flammeus* |  |  |  |  |  |  |  |  |  |  |  |  | 5 |  |  |  |
| *Alcedo atthis* |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |
| *Cettia cetti* |  |  |  |  |  |  |  |  |  |  | 2 |  |  |  |  |  |
| *Cisticola juncidis* |  |  |  |  |  |  |  |  |  |  | 15 |  | 5 |  |  |  |

Effectifs totaux 216 2030 2794 200 2947 1902 1005 2267 16483 15091 3923 7093 3135 4948 6040