**Supplementary Material**

The Northern Bald Ibis *Geronticus eremita* in Morocco since 1900: Analysis of ecological requirements

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Appendix S1. Coordinates of the 72 known breeding sites of the Northern Bald Ibis in Morocco known since 1900.

**Appendix S1.**

Coordinates of the 72 known breeding sites of the Northern Bald Ibis in Morocco known since 1900 (Thévenot *et al.* 2003, Thévenot unpublished). The precise coordinates of the Tamri and Souss-Massa location are not indicated to avoid potential disturbance by visitors. Bold numbers: occupied breeding sites in the late 1970s.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Name** | **Geographical Region** | **Coordinates** | **Perimeter (site position)** |
|  |  |  | **N** | **W** | **0-1 km** | **0-5 km** | **>5-10(20) km** |
|  | **Coast** |  |  |  |  |  |  |
| 1 | Moscarda | plains of Eastern Morocco | 35⁰05'17" | 2⁰11'35" |  | x |  |
| 2 | Triffa | plains of Eastern Morocco | 35⁰07'59" | 2⁰26'33" |  | x |  |
| 3 | Salé | Zaër | 34⁰06'40" | 6⁰45'57" |  |  | x |
| 4 | Dar Bel Arroussi | Zemmour | 34⁰05'31" | 6⁰45'50" |  |  | x |
| 5 | Cap Blanc | Doukkala | 33⁰09'43" | 8⁰37'42" |  | x |  |
| 6 | Cap Cantin | Doukkala | 32⁰32'26" | 9⁰17'03" |  | x |  |
| 7 | Safi | Abda | 32⁰10'58" | 9⁰15'37" |  | x |  |
| 8 | Talmest 1 | Abda | 31⁰59'18" | 9⁰20'19" |  |  | x |
| 9 | Talmest 2 | Abda | 31⁰51'47" | 9⁰16'06" |  |  | x |
| **10** | Sidi Kaouki | Haha | 31⁰17'53" | 9⁰47'50" |  | x |  |
| 11 | Cap Tafelney | Haha | 31⁰06'09" | 9⁰50'21" |  | x |  |
| 12 | Assaka | Haha | 30⁰49'01" | 9⁰46'24" |  | x |  |
| **13** | Tamri 1 | Haha | 30⁰42' | 9⁰50' | x |  |  |
| **14** | Tamri 2 | Haha | 30⁰42' | 9⁰50' | x |  |  |
| **15** | Tamri 3 | Haha | 30⁰42' | 9⁰50' | x |  |  |
| **16** | Tifnite | Souss | 30⁰10'47" | 9⁰38'25" | x |  |  |
| **17** | Massa A | Souss | 29⁰53' | 9⁰42' | x |  |  |
| **18** | Massa B | Souss | 29⁰53' | 9⁰42' | x |  |  |
| **19** | Massa D | Souss | 29⁰53' | 9⁰42' | x |  |  |
| **20** | Massa C | Souss | 29⁰53' | 9⁰42' | x |  |  |
| **21** | Massa E | Souss | 29⁰53' | 9⁰42' | x |  |  |
| **22** | Massa F | Souss | 29⁰53' | 9⁰42' | x |  |  |
| **23** | Massa G | Souss | 29⁰53' | 9⁰42' | x |  |  |
|  | **Inland** |  |  |  |  |  |  |
| 24 | Saka | High Rif | 34⁰37' | 3⁰25' |  |  | x |
| 25 | Oued Lefranne | plains of Eastern Morocco | 34⁰51'35" | 2⁰41'29" | x |  |  |
| 26 | Mechra Homadi | plains of Eastern Morocco | 34⁰43'05" | 2⁰49'51" |  | x |  |
| **27** | Oued Melloulou | plains of Eastern Morocco | 34⁰05'46" | 3⁰42'30" |  | x |  |
| 28 | Zekkara 1 | hills of Eastern Morocco | 34⁰32'14" | 2⁰07'03" |  | x |  |
| 29 | Zekkara 2 | hills of Eastern Morocco | 34⁰31'35" | 2⁰08'18" |  | x |  |
| **30** | Zekkara 3 | hills of Eastern Morocco | 34⁰30'52" | 2⁰10'32" |  | x |  |
| **31** | Oued Za | plains of Eastern Morocco | 34⁰12'56" | 2⁰39'59" | x |  |  |
| 32 | Debdou | hills of Eastern Morocco | 33⁰59' | 3⁰02' |  |  | x |
| 33 | Zerhoun | Saïs | 34⁰03'56" | 5⁰31'42" |  | x |  |
| 34 | Ito | Central Plateau | 33⁰31' | 5⁰18' |  |  | x |
| 35 | Aguelmous | Central Plateau | 33⁰09'30" | 5⁰50'37" |  |  | x |
| 36 | El Hajeb | Western Middle Atlas | 33⁰41'26" | 5⁰23'10" |  |  | x |
| 37 | Azrou | Western Middle Atlas | 33⁰26'21" | 5⁰13'18" |  |  | x |
| 38 | Michliffen | Western Middle Atlas | 33⁰24'47" | 5⁰04'44" |  | x |  |
| 39 | Jbel Hebri | Western Middle Atlas  | 33⁰22'34" | 5⁰07'30" | x |  |  |
| 40 | Aïn Leuh | Western Middle Atlas | 33⁰17'16" | 5⁰20'21" |  |  | x |
| 41 | Ressifa | Eastern Middle Atlas | 33⁰20'58" | 4⁰43'30" |  | x |  |
| 42 | Boulemane | Eastern Middle Atlas | 33⁰21'57" | 4⁰43'50" |  |  | x |
| **43** | Bou Ibelrhaten | Western Middle Atlas | 33⁰20'22" | 5⁰02'34" | x |  |  |
| **44** | Tarhia Tameziant | Western Middle Atlas | 33⁰11'14" | 5⁰02'26" |  | x |  |
| **45** | Foum Kheneg | Western Middle Atlas | 33⁰09'22" | 5⁰03'38" | x |  |  |
| 46 | Jorf Arhbalou | Western Middle Atlas | 33⁰05'10" | 5⁰15'59" |  | x |  |
| 47 | Jorf Aït Mhand | Western Middle Atlas | 33⁰07'23" | 5⁰09'40" |  | x |  |
| 48 | Bekrite | Western Middle Atlas | 33⁰04'27" | 5⁰12'02" |  | x |  |
| 49 | Aguelmame Timdghas | Western Middle Atlas | 32⁰41'08" | 5⁰29'20" |  | x |  |
| 50 | El-Assara | Rehamna | 32⁰28'22" | 7⁰29'34" |  |  | x |
| **51** | El-Azib | Haouz & Jbilet | 31⁰43'50" | 8⁰49'51" | x |  |  |
| 52 | Oued Tensift | Haouz & Jbilet | 31⁰47'51" | 9⁰00'24" |  |  | x |
| 53 | Sidi Rahal 1 | Srarhna | 31⁰37'12" | 7⁰25'33" |  | x |  |
| 54 | Sidi Rahal 2 | Srarhna | 31⁰37'12" | 7⁰27'56" |  | x |  |
| 55 | Agadir Bou Achiba | Srarhna | 31⁰41'47" | 7⁰17'25" |  |  | x |
| **56** | Agadir Chems 1 | Haouz & Jbilet | 31⁰27'37" | 8⁰08'52" |  | x |  |
| 57 | Agadir Chems 2 | Haouz & Jbilet | 31⁰29'08" | 8⁰09'39" |  | x |  |
| **58** | Lalla Takerkoust | Haouz & Jbilet | 31⁰21'03" | 8⁰08'10" |  | x |  |
| **59** | Oued Ksob 1 | Chiadma | 31⁰18'19" | 9⁰15'26" | x |  |  |
| 60 | Oued Ksob 2 | Chiadma | 31⁰16'08" | 9⁰11'01" |  |  | x |
| 61 | Aderras | Haha | 31⁰13'31" | 9⁰02'57" |  |  | x |
| **62** | Imi n Tanoute 1 | Western High Atlas | 31⁰13'19" | 8⁰47'05" |  | x |  |
| **63** | Imi n Tanoute 2 | Western High Atlas | 31⁰10'46" | 8⁰46'36" |  | x |  |
| 64 | Mzouda | Haouz | 31⁰17'12" | 8⁰35'09" |  |  | x |
| 65 | Tassourte | Western High Atlas | 31⁰28'05" | 7⁰32'36" |  | x |  |
| **66** | Tamjdoute | Western High Atlas | 31⁰06'01" | 7⁰34'26" | x |  |  |
| **67** | Tasdremt | Souss | 30⁰42'40" | 8⁰06'59" | x |  |  |
| **68** | Aoulouz | Souss | 30⁰41'33" | 8⁰08'57" | x |  |  |
| 69 | Tamdaght | Dadès-Draa | 31⁰05'08" | 7⁰08'46" | x |  |  |
| **70** | Aït Ben Haddou | Dadès-Draa | 31⁰02'49" | 7⁰07'54" |  | x |  |
| 71 | Tikirt | Dadès-Draa | 30⁰57'16" | 7⁰06'08" | x |  |  |
| 72 | Ouarzazate | Dadès-Draa | 30⁰55'10" | 6⁰53'54" |   |   | x |