

Northern bald ibis *Geronticus eremita*: history, current status and future perspectives

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SUPPLEMENTARY TABLE 1 Annual releases and post-release survival of the migratory northern bald ibis *Geronticus eremita* breeding colonies at the breeding sites Kuchl (Austria) and Burghausen (Germany).

Reintroduction site/year	Birds released ¹	Birds survived to the next year ¹	Birds survived to breed ¹	Primary cause of mortality	Secondary cause of mortality
Burghausen					
2008	M: 3 (0/3) F: 7 (0/7)	M: 1 (0/1) F: 3 (0/3)	M: 1 (0/1) F: 1 (0/1)	Electrocution & illegal hunting	Injury & illness
2009	M: 4 (0/4) F: 7 (0/7)	M: 4 (0/4) F: 6 (0/6)	M: 2 (0/2) F: 3 (0/3)	Electrocution & illegal hunting	Predation
2010	M: 11 (0/11) F: 4 (0/4)	M: 9 (0/9) F: 4 (0/4)	M: 3 (0/3) F: 1 (0/1)	Electrocution & illegal hunting	Injury & illness
Kuchl					
2011	M: 10 (0/10) F: 5 (0/5)	M: 9 (0/9) F: 5 (0/5)	M: 3 (0/3) F: 3 (0/3)	Electrocution & illegal hunting	Injury & illness
2013	M: 1 (0/1) F: 1 (0/1)	M: 1 (0/1) F: 1 (0/1)	M: 1 (0/1) F: 0 (0/0)	Electrocution	
Burghausen/ Kuchl²					
2014	M: 7 (0/7) F: 9 (0/9)	M: 6 (0/6) F: 8 (0/8)	M: 4 (0/4) F: 5 (0/5)	Electrocution & illegal hunting	Injury & illness
2015	M: 16 (0/16) F: 13 (0/13)	M: 7 (0/7) F: 10 (0/10)	M: 4 (0/4) F: 7 (0/7)	Electrocution & illegal hunting	Injury & illness
2016	M: 15 (0/15) F: 12 (0/12)	M: 11 (0/11) F: 8 (0/8)	M: 6 (0/6) F: 8 (0/8)	Electrocution & illegal hunting	Injury & illness
Ueberlingen					
2017	M: 13 (0/13) F: 17 (0/17)	M: 5 (0/5) F: 7 (0/7)	Pending	Electrocution & illegal hunting	
2018	M: 17 (0/17) F: 12 (0/12)	Pending			

¹M, males; F, females; numbers in parentheses are adult/juvenile birds.

²From 2014–2016, birds released at the wintering site were not yet dedicated to a particular breeding site.

SUPPLEMENTARY TABLE 2 Annual releases and post-release survival of northern bald ibises at the two sedentary, semi-captive breeding colonies Rosegg and Grünau (Austria).

Colony/ year	Birds released ¹	Birds survived to the next year ¹	Birds survived to breed ¹	Primary cause of mortality	Secondary cause of mortality
Rosegg					
2004	M: 7 (0/7) F: 14 (0/14)	M: 6 (0/6) F: 14 (0/14)	M: 6 (0/6) F: 12(0/12)	Predation	Unknown
2007	M: 2 (1/1) F: 1 (0/1)	M: 1 (1/1) F: 0 (0/0)	M: 1 (0/1) F: 0 (0/0)	Unknown	
2011	M: 1 (0/1) F: 0 (0/0)	M: 1 (0/1) F: 0 (0/0)	M: 0 (0/0) F: 0 (0/0)	Electrocution	
Grünau					
1997	M: 5 (0/5) F: 6 (0/6)	M: 3 (0/3) F: 1 (0/1)	M: 2 (0/2) F: 0 (0/0)	Predation	Unknown
1998	M: 7 (0/7) F: 2 (0/2) U: 7 (0/7)	M: 3 (0/3) F: 1 (0/1)	M: 3 (0/3) F: 1 (0/1)		Unknown
1999	M: 6 (0/6) F: 6 (0/6)	M: 6 (0/6) F: 6 (0/6)	M: 6 (0/6) F: 6 (0/6)	Predation	
2000	M: 0 (0/0) F: 3 (0/3)	M: 0 (0/0) F: 3 (0/3)	M: 0 (0/0) F: 3 (0/3)	Predation	
2007	M: 2 (0/2) F: (0/1) U: 1 (0/1)	M: 2 (0/2) F: 1 (0/1)	M: 0 (0/0) F: 1 (0/1)	Predation	
2008	M: 2 (0/2) F: 2 (0/2)	M: 1 (0/1) F: 2 (0/2)	M: 0 (0/0) F: 2 (0/2)	Predation	
2013	M: 1 (0/1) F: 2 (0/2)	M: 0 (0/0) F: 1 (0/1)	M: 0 (0/0) F: 1 (0/1)		
2014	M: 0 (0/0) F: 8 (0/8)	M: 0 (0/0) F: 8 (0/8)	M: 0 (0/0) F: 6 (0/6)		

¹M, males; F, females; U, unknown sex; numbers in parentheses are adult/juvenile birds.

SUPPLEMENTARY TABLE 3 Annual releases and post-release survival of northern bald ibises at the Sierra del Retin release site, Spain.

Year	Birds released ¹	Birds survived to the next year ¹	Birds survived to breed ¹	Primary cause of mortality ²	Secondary cause of mortality ²
2004	M: 9 (0/9) F: 14 (0/14)	M: 4 (0/4) F: 5 (0/5)	M: 2 (0/2) F: 4 (0/4)	Wire ingestion	Raptor predation
2005	M: 10 (0/10) F: 10 (0/10)	M: 2 (0/2) F: 3 (0/3)	M: 0 (0/0) F: 1 (0/1)	Raptor predation	Unknown trauma
2006	M: 7 (4/3) F: 10 (2/8)	M: 2 (1/1) F: 2 (0/2)	M: 0 (0/0) F: 1 (0/1)	Electrocution	Raptor predation
2007	M: 11 (0/11) F: 16 (0/16)	M: 5 (0/5) F: 6 (0/6)	M: 2 (0/2) F: 6 (0/6)	Raptor predation	Unknown trauma
2008	M: 16 (0/16) F: 9 (0/9)	M: 8 (0/8) F: 6 (0/6)	M: 5 (0/5) F: 6 (0/6)	Raptor predation	Unknown trauma
2009	M: 20 (0/20) F: 11 (0/11)	M: 9 (0/9) F: 3 (0/3)	M: 8 (0/8) F: 2 (0/2)	Raptor predation	Power line collision
2010	M: 26 (0/26) F: 14 (0/14)	M: 15 (0/15) F: 6 (0/6)	M: 11 (0/11) F: 4 (0/4)	Electrocution	Unknown trauma
2011	M: 23 (0/23) F: 19 (0/19)	M: 7 (0/7) F: 7 (0/7)	M: 7 (0/7) F: 7 (0/7)	Electrocution	Raptor predation
2012	M: 18 (0/18) F: 19 (0/19)	M: 1 (0/1) F: 8 (0/8)	M: 1 (0/1) F: 4 (0/4)	Raptor predation	Unknown trauma
2013	M: 17 (2/15) F: 18 (5/13)	M: 1 (0/1) F: 4 (0/4)	M: 1 (0/1) F: 3 (0/3)	Unknown trauma	Raptor predation
2014	M: 15 (0/15) F: 2 (0/2)	M: 1 (0/1) F: 2 (0/2)	M: 1 (0/1) F: 1 (0/1)	Raptor predation	
2015	M: 0 (0/0) F: 0 (0/0)				
2016	M: 25 (0/25) F: 24 (0/24) U: 3 (0/3)				
2017	M: 4 (0/4) F: 2 (0/2) U: 7 (0/7)	M: 0 (0/0) F: 0 (0/0) U: 2 (0/2)		Raptor predation	
2018	M: 16 (0/16) F: 22 (0/22)	M: 4 (0/4) F: 6 (0/6)		Raptor predation	Electrocution

¹M, males; F, females; U, unknown sex; numbers in parentheses are adult/juvenile birds.

²Note most dead birds are missing; common causes of death are listed for recovered bodies.