

Vulture Multi-species Action Plan

European Regional Workshop



BEARDED VULTURE
(GYPAETUS BARBATUS)

CINEREOUS (BLACK) VULTURE
(AEGYPIUS MONACHUS)

Egyptian Vulture
(NEOPHRON PERCNOPTERUS)

GRIFFON VULTURE
(GYP'S FULVUS)

**Four Vulture Species' Distribution Range, Trend,
Threats and Conservation (questionnaire results)**

Vulture Multi-species Action Plan

European Vulture MsAP range states

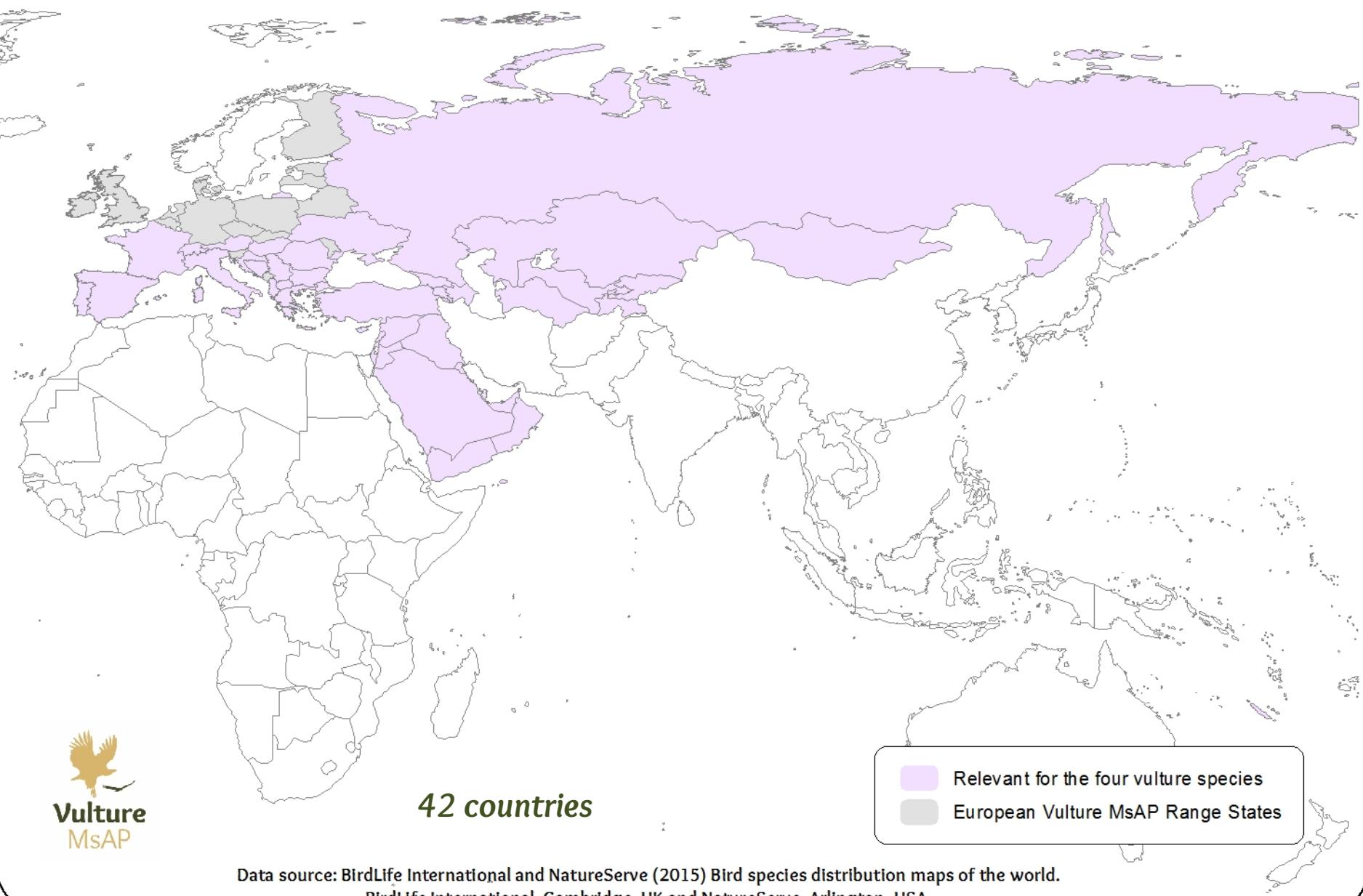


58 countries

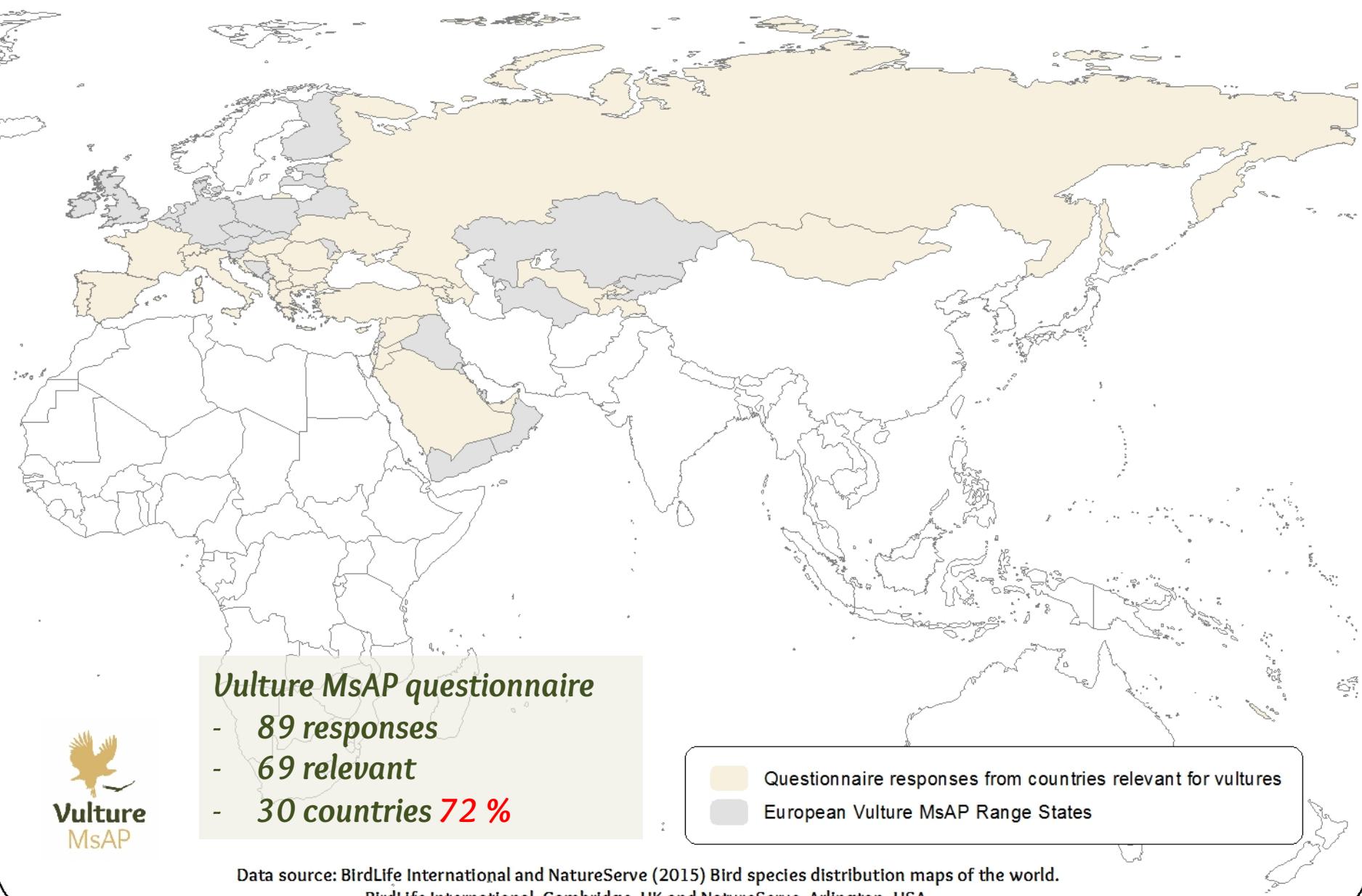
European Vulture MsAP range states

Data source: BirdLife International and NatureServe (2015) Bird species distribution maps of the world.
BirdLife International, Cambridge, UK and NatureServe, Arlington, USA.

European Vulture MsAP Range States



European Vulture MsAP Range States



STATUS AND BREEDING POPULATION ESTIMATES



BEARDED VULTURE (*GYPÆTUS BARBATUS*)

Country	Status	Breeding pairs	Q	Year(s) of estimate	Breeding Population trend in the last 10 years	Q
Albania	extinct					
Andorra	breeding	1	G	2016	stable	G
Armenia	breeding	8-10	M	2007-2009	stable	M
Austria	breeding	3	G	2015	small increase	G
Azerbaijan	breeding	20-100	P	2000-2016	stable	P
Bosnia and Herzegovina	extinct					
Bulgaria	extinct	0	G	2016		
France	breeding	59-61	G	2016	small increase / large increase	G
Georgia	breeding	20-25	M	2001-2012	small increase	M
Greece	breeding	6	G	2016	moderate increase	G
Iraq	breeding	20	M	2013		
Israel	extinct		G	2016		
Italy	breeding	12	G	2016	large increase	G
Jordan	extinct		M	1995		
Mongolia	breeding	500-1000	P	2016	small increase	P
Portugal	extinct		G	2005		
Romania	extinct					
Russian Federation (Caucasus)	breeding	181-237	G	2008	moderate increase	G
Russian Federation (Altai-Sayan)	breeding	55-75	G	2016	stable	G
Saudi Arabia	extinct		M	2010		
Serbia	extinct		G	2016		
Spain	breeding	134/170	G/M	2015	moderate increase /small increase/large deline	G/M
Switzerland	breeding	14	G	2016	large increase	G
Syrian Arab Republic	extinct		M	2008		
Tajikistan	breeding	100s	P			P
The FYR of Macedonia	extinct		G	2015		
Turkey	breeding	45	M	2013	decline	M
Turkmenistan	breeding					
Uzbekistan	breeding	50-70	M	2009	stable	P
Yemen	breeding					

STABLE / INCREASING

30 COUNTRIES
19 BREEDING
11 EXTINCT

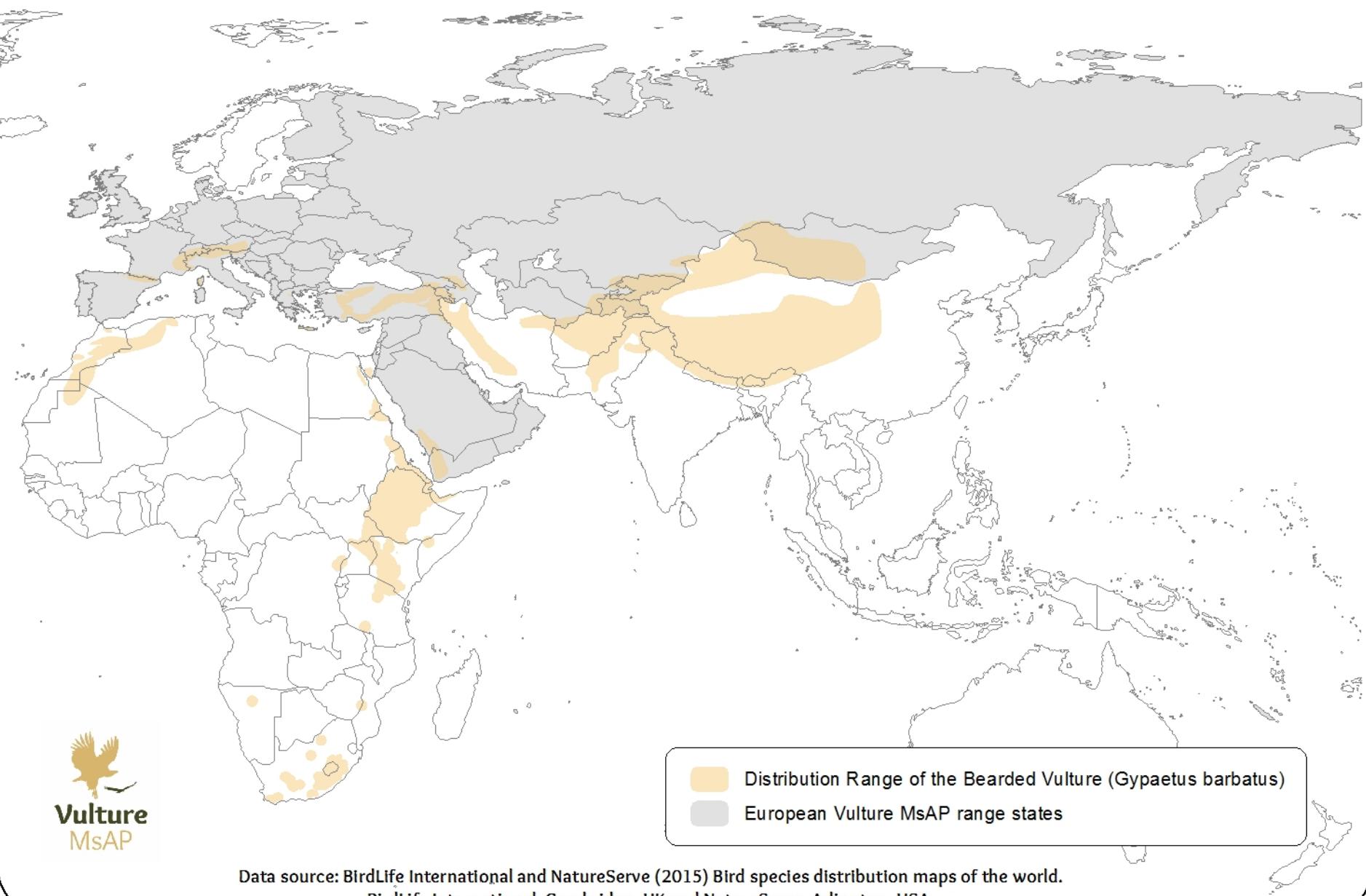
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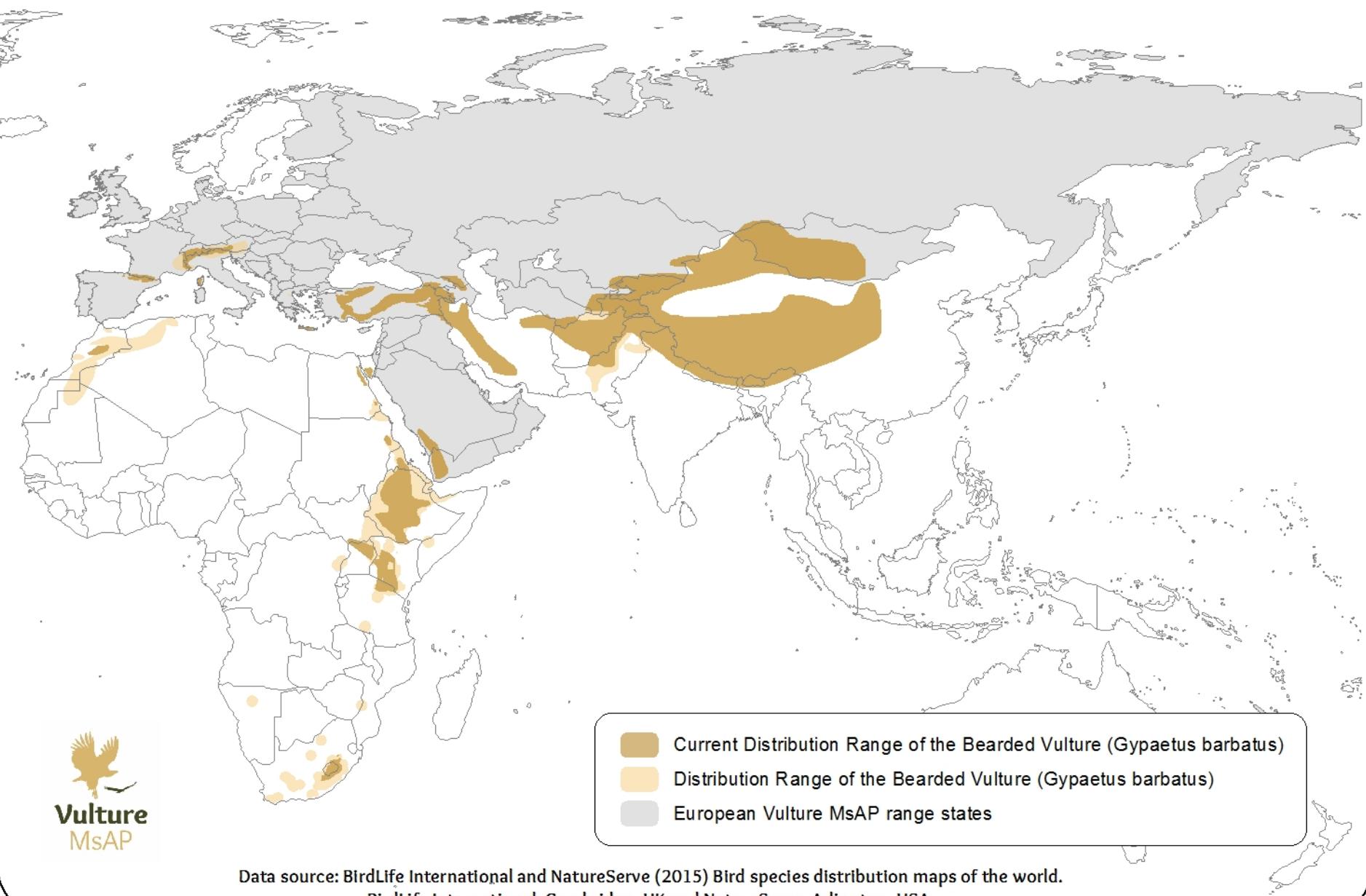
1 108 - 1 793 BREEDING PAIRS

* BirdLife International (2016) IUCN Red List for birds

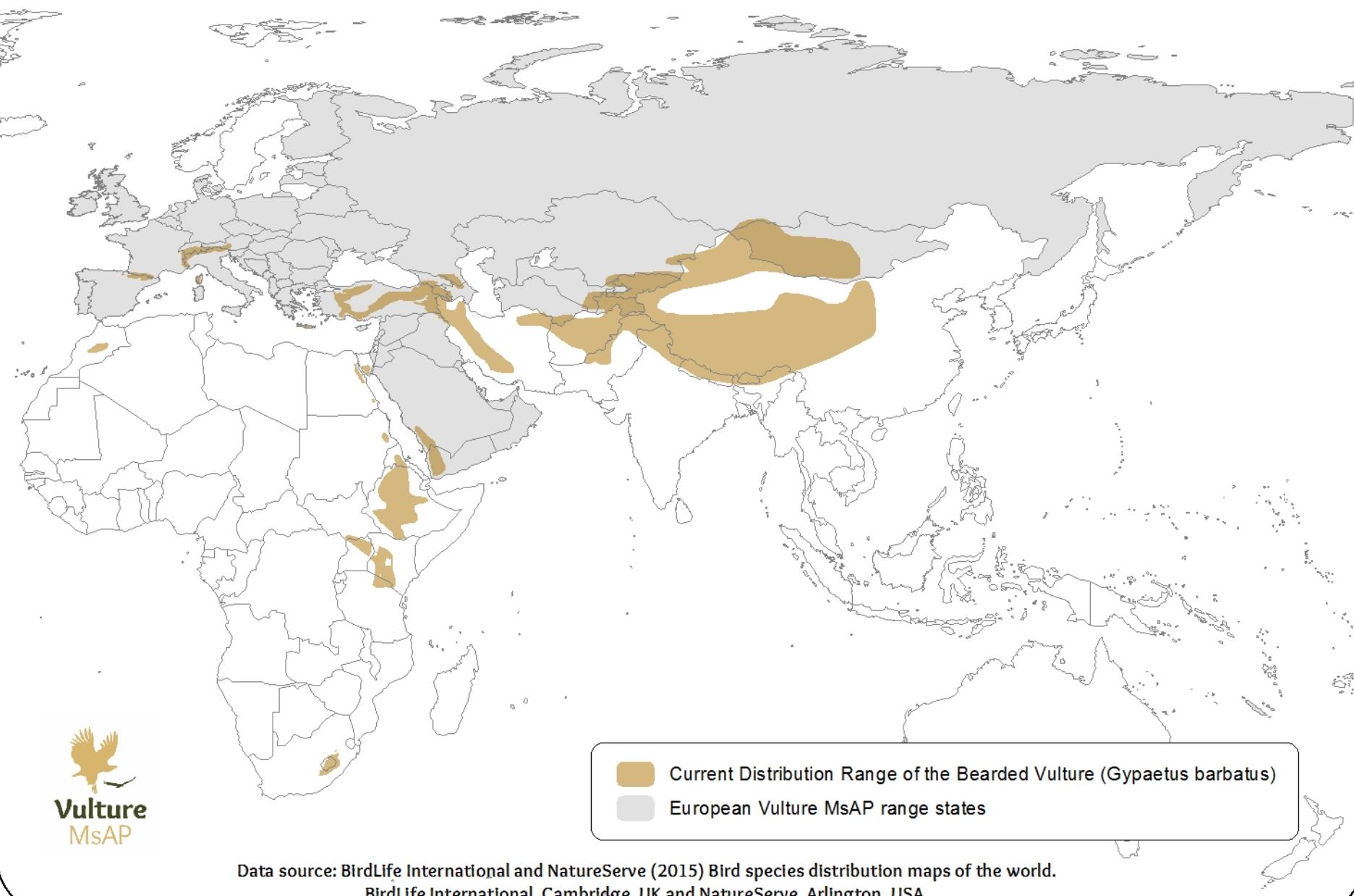
Global Distribution Range of the Bearded Vulture (*Gypaetus barbatus*)



Global Distribution Range of the Bearded Vulture (*Gypaetus barbatus*)



Global Distribution Range of the Bearded Vulture (*Gypaetus barbatus*)



STATUS AND BREEDING POPULATION ESTIMATES



CINEREOUS (BLACK) VULTURE (*AEGYPIUS MONACHUS*)

30 COUNTRIES

14 BREEDING

12 EXTINCT

EURO SAP



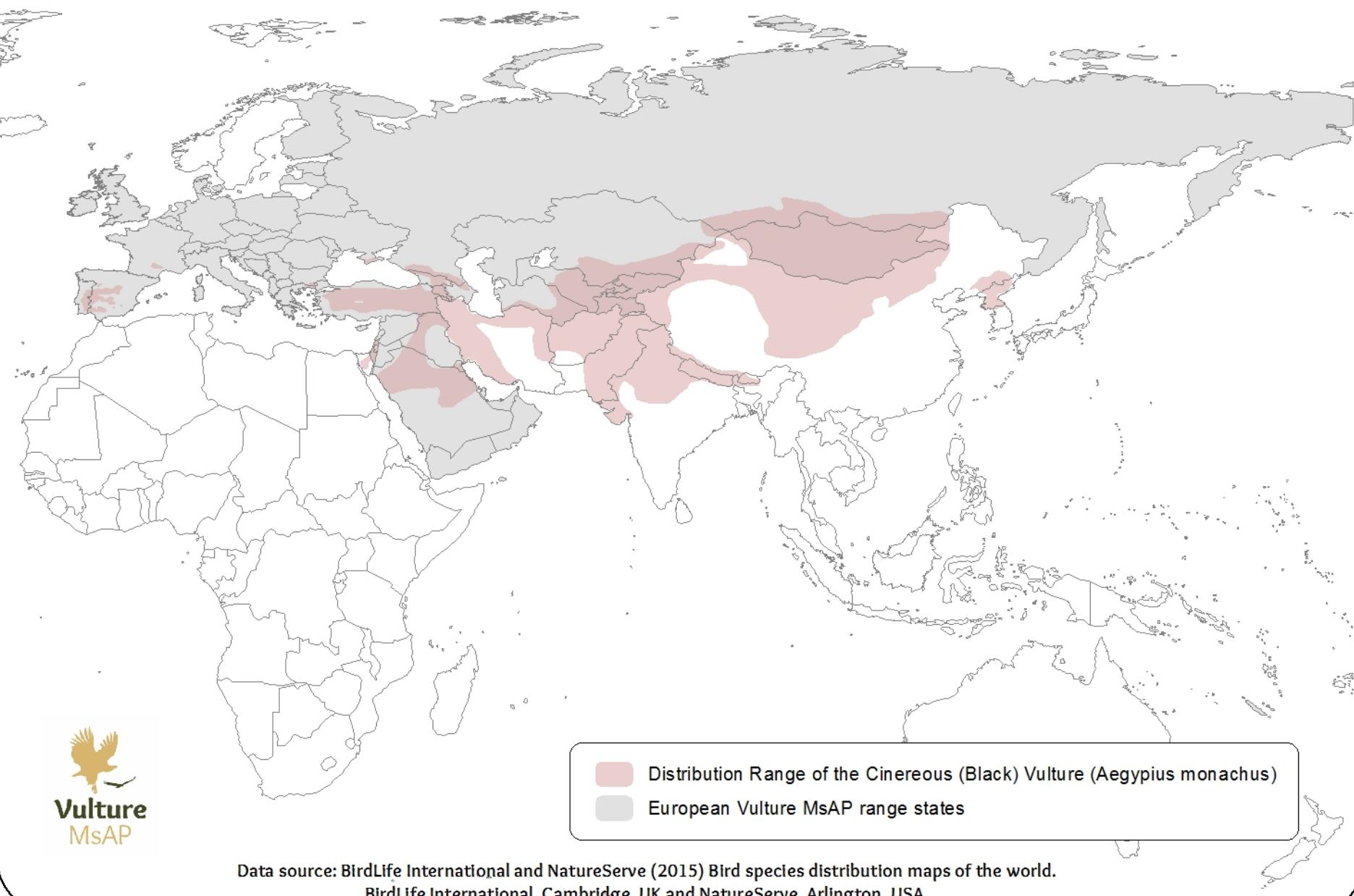
Country	Status	Breeding pairs	Q	Year(s) of estimate	Breeding Population trend in the last 10 years		Q
					Stable / Increasing	Decreasing	
Albania	extinct						
Armenia	breeding	50	M	2007-2009	stable		M
Azerbaijan	breeding	20-100	M	2000-2016	stable		M
Bosnia and Herzegovina	extinct						
Bulgaria	extinct	0-1	M	2016	stable		M
Croatia	extinct						
Cyprus	extinct		G				
France	breeding	30	G	2016	small increase		G
Georgia	breeding	10-25	G	1995-2016	stable		G
Greece	breeding	21-35	G	2006-2015	stable		G
Hungary	extinct						
Israel	extinct		G	2016			
Italy	extinct		G	2016			
Jordan	extinct		P				
Kazakhstan							
Kyrgyzstan							
Mongolia	breeding	5000-7000	P	2016	small decline		P
Portugal	breeding	18	G	2016	large increase		G
Romania	extinct						
Russian Federation (Caucasus)	breeding	63-102	M	2004	small decline		M
Russian Federation (Altai-Sayan)	breeding	71-96	G	2009	moderate increase		G
Saudi Arabia	non breeding			2003	wintering		
Serbia	extinct		M	2016			
Spain	breeding	2000/2086	G	2015/2012	moderate increase		G
Tajikistan	breeding	10-100	P				
The FYR of Macedonia	extinct		G	2015			
Turkey	breeding	35/50-200/50-100	M/P	2013/2005	decline		M/P
Turkmenistan	breeding						
Uzbekistan	breeding	80-120	M	2005	small decline		P
Yemen	breeding						

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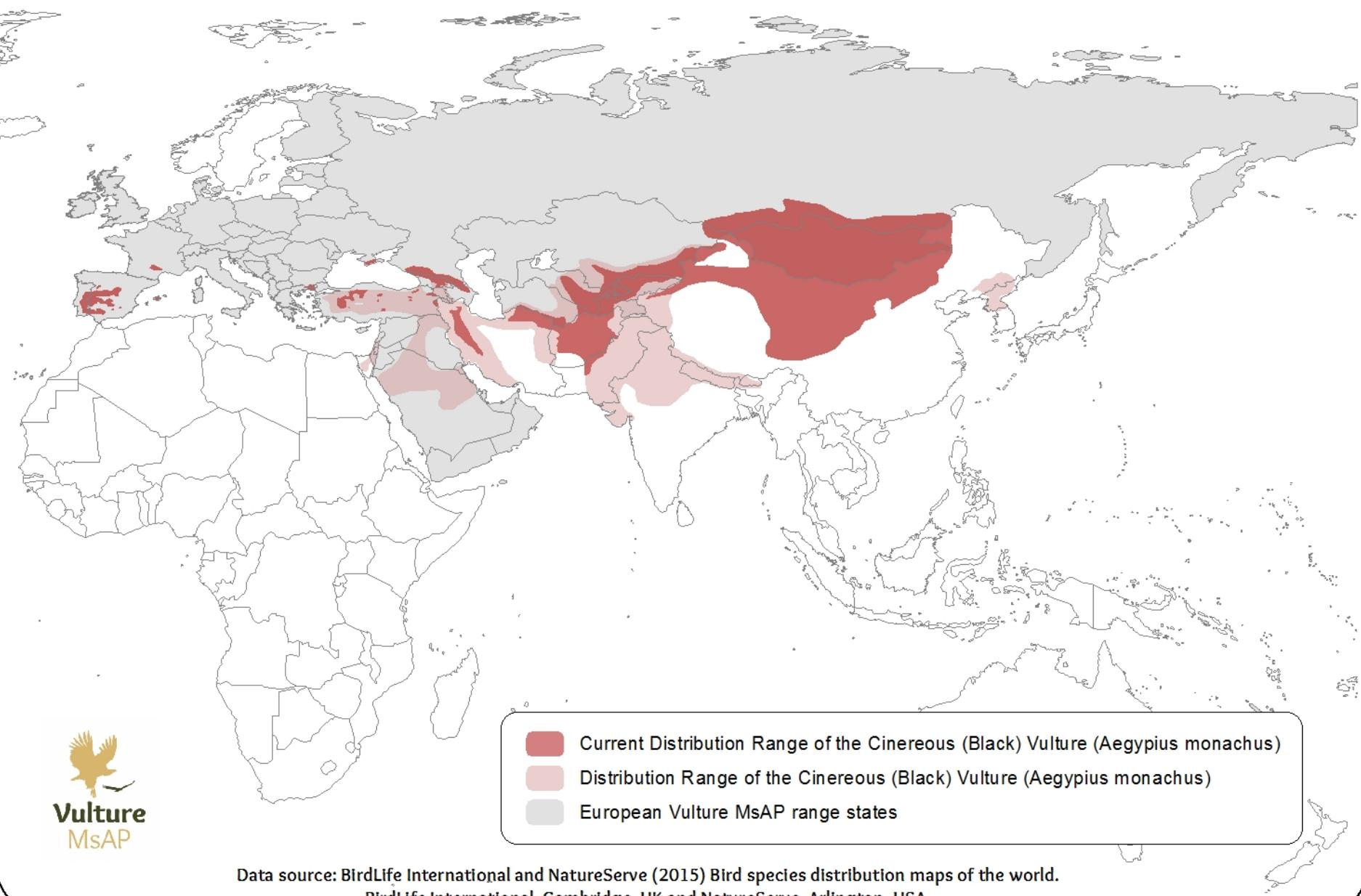
7 524 – 9 882 BREEDING PAIRS

* BirdLife International (2016) IUCN Red List for birds

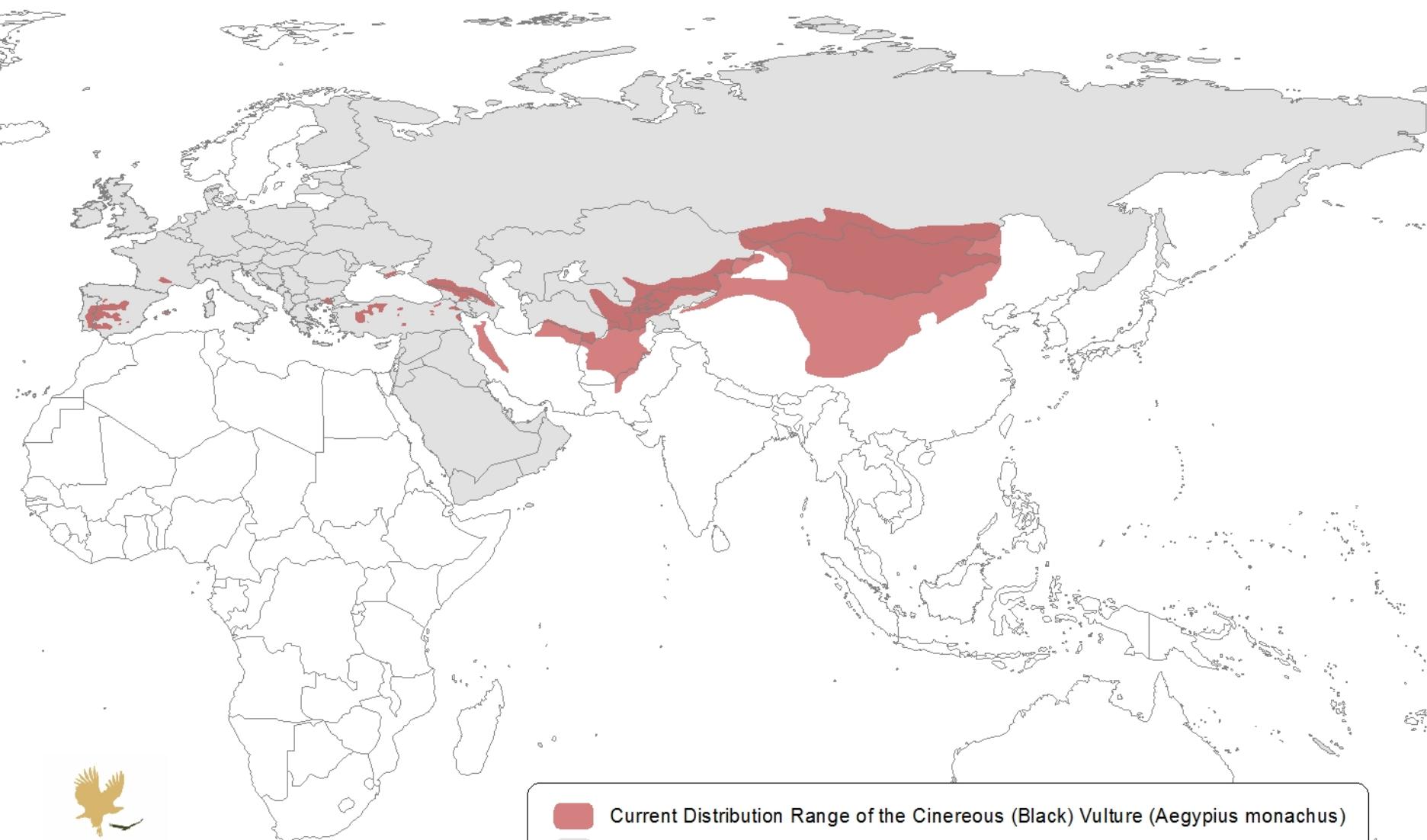
Global Distribution Range of the Cinereous (Black) Vulture (*Aegypius monachus*)



Global Distribution Range of the Cinereous (Black) Vulture (*Aegypius monachus*)



Global Distribution Range of the Cinereous (Black) Vulture (*Aegypius monachus*)



- Current Distribution Range of the Cinereous (Black) Vulture (*Aegypius monachus*)
- European Vulture MsAP range states

Data source: BirdLife International and NatureServe (2015) Bird species distribution maps of the world.
BirdLife International, Cambridge, UK and NatureServe, Arlington, USA.

STATUS AND BREEDING POPULATION ESTIMATES

EGYPTIAN VULTURE (*NEOPHRON PERCNOPTERUS*)

Country	Status	Breeding pairs	Q	Year(s) of estimate	Breeding Population trend in the last 10 years	Q
Albania	breeding	6-8	G	2016	large decline	G
Armenia	breeding	40-60	M	2007-2010	stable	M
Azerbaijan	breeding	80-250	G	2000-2016	small decline	P
Bahrain						
Bosnia and Herzegovina	extinct					
Bulgaria	breeding	27	G	2015	large decline	G
Croatia	extinct					
France	breeding	70-80	M	2015	stable	G
Georgia	breeding	100-140	M	1980-2016	decline	M
Greece	breeding	5	G	2016	large decline	G
Hungary	extinct					
Iraq						
Israel	breeding	50-55	G	2016	stable	G
Italy	breeding	8	G	2015	decline	G
Jordan	possibly breeding		P			
Kazakhstan						
Kyrgyzstan						
Lebanon						
Oman						
Portugal	breeding	110-130	M	2012	large decline	M
Qatar						
Romania	breeding	1-2	M	2005-2016		
Russian Federation (Caucasus)	breeding	88-121	G	2005	stable	G
Saudi Arabia	breeding	X	M	2012	large decline	M
Serbia	extinct		M	2016		
Spain	breeding	1452-1556	M/G	2008/2015	stable/decline	M/C
Syrian Arab Republic	breeding	25	M	2011		
Tajikistan	breeding	50-500	P			
The FYR of Macedonia	breeding	23	G	2015	large decline	G
Turkey	breeding	375	G	2013	decline	G
Turkmenistan	breeding					
United Arab Emirates	possibly breeding	2-5	M	2015		
Uzbekistan	breeding	135-140	G	2011	decline	G
Yemen	breeding					

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2 647 - 3 510 BREEDING PAIRS

* BirdLife International (2016) IUCN Red List for birds



36 COUNTRIES

22 BREEDING

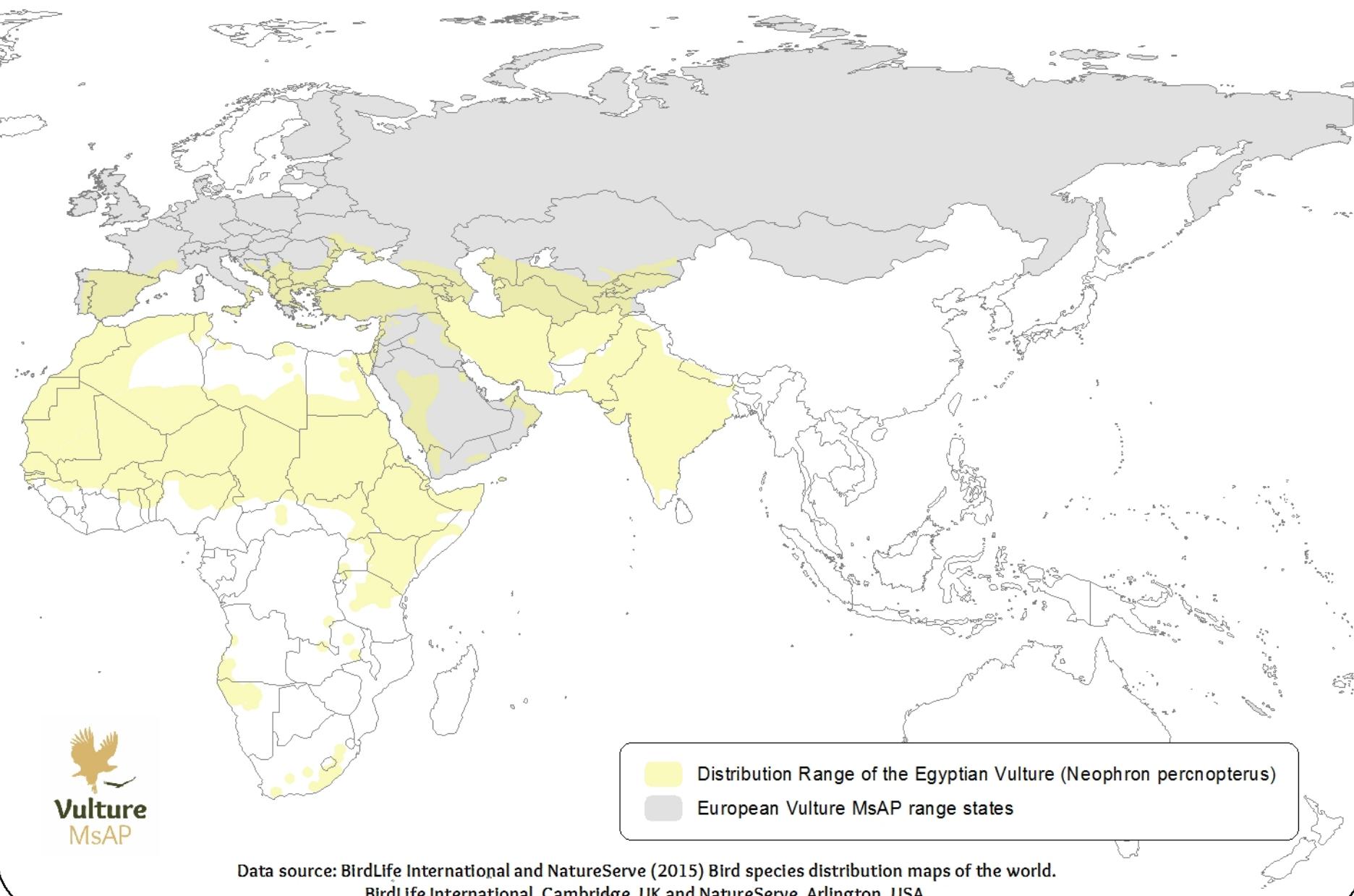
1 POSSIBLY B

4 EXTINCT

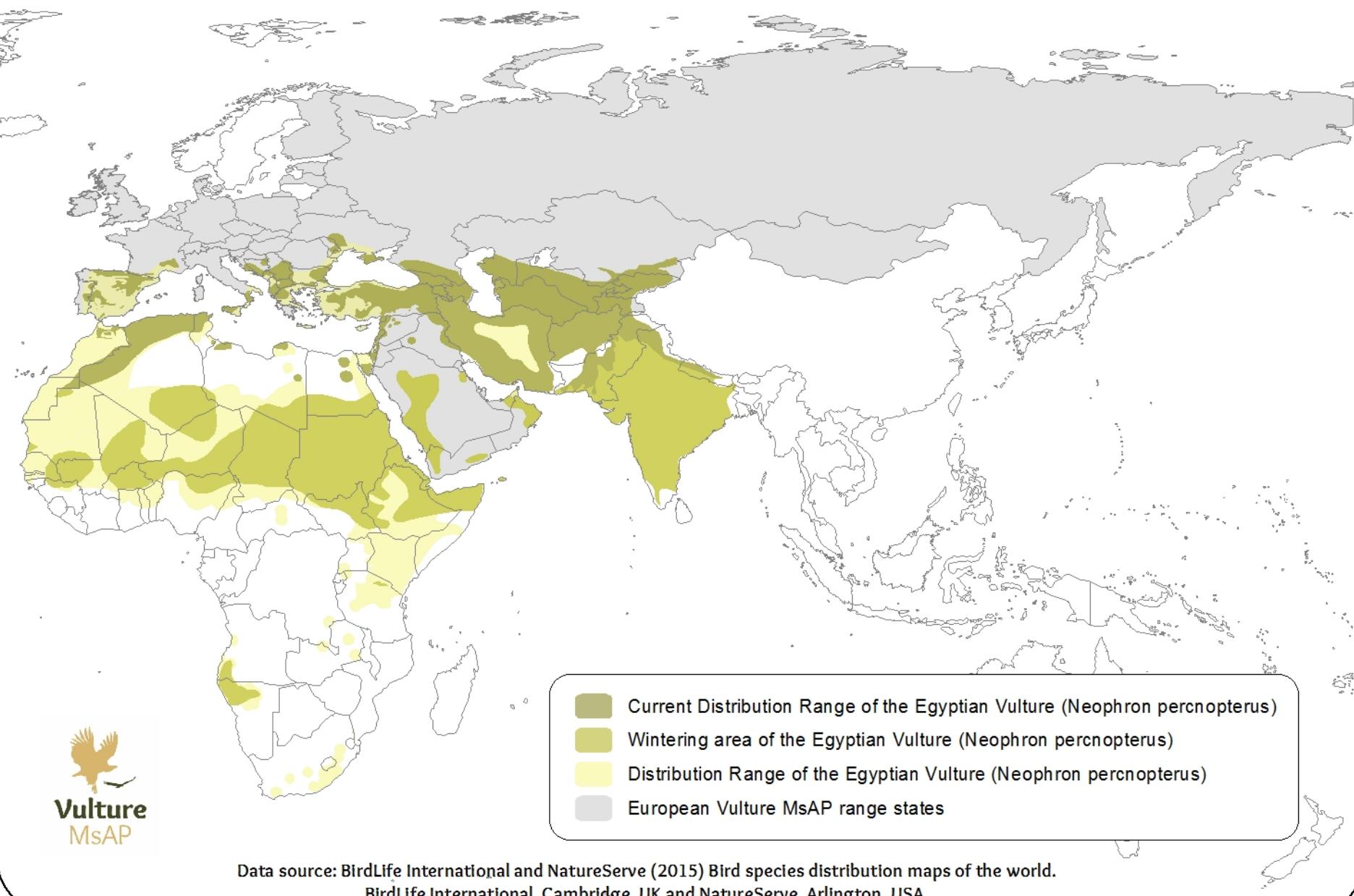
EUROSAP



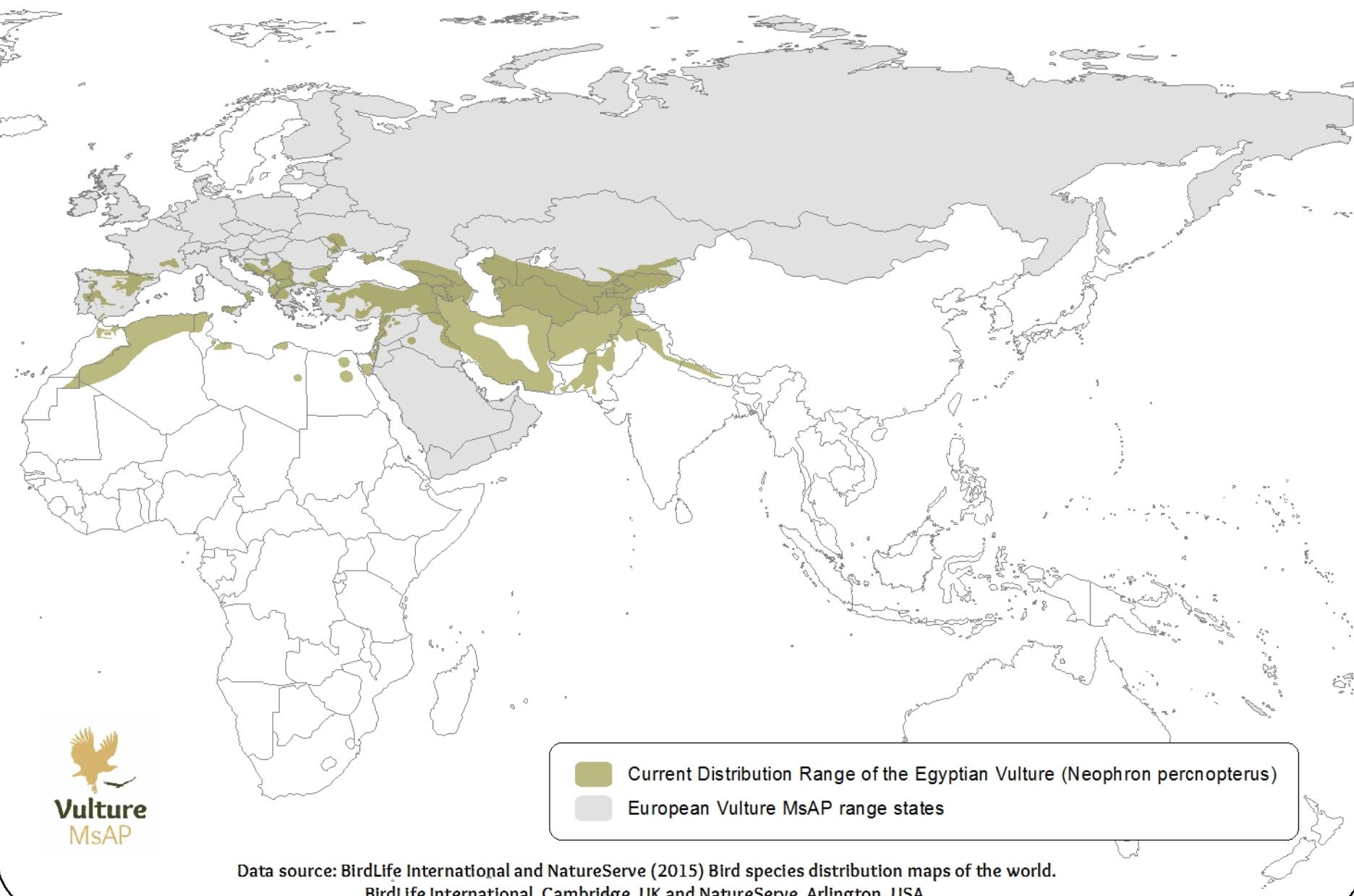
Global Distribution Range of the Egyptian Vulture (*Neophron percnopterus*)



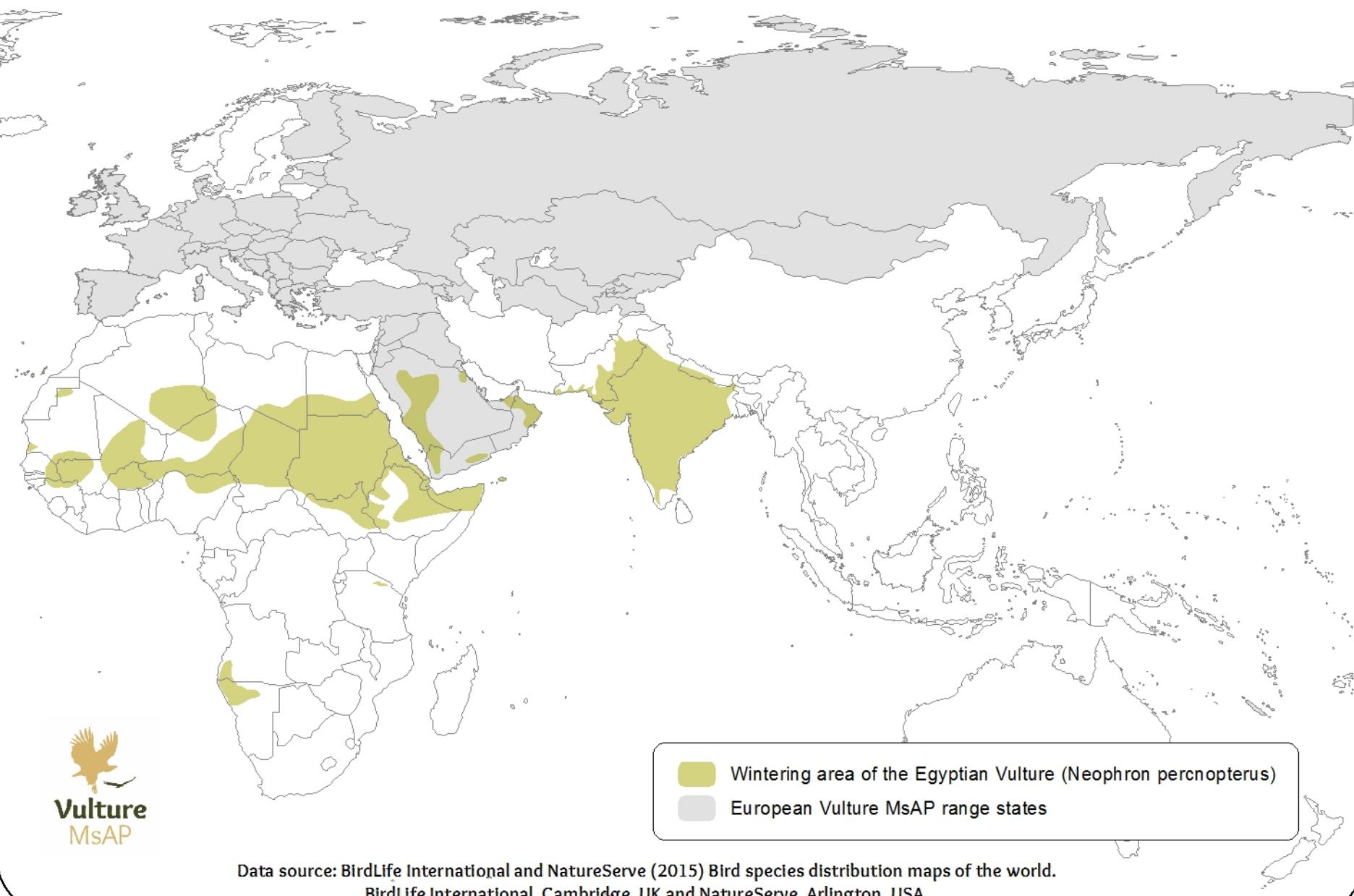
Global Distribution Range of the Egyptian Vulture (*Neophron percnopterus*)



Global Distribution Range of the Egyptian Vulture (*Neophron percnopterus*)



Global Distribution Range of the Egyptian Vulture (*Neophron percnopterus*)



STATUS AND BREEDING POPULATION ESTIMATES

GRIFFON VULTURE (*GYPS FULVUS*)



32 COUNTRIES

24 BREEDING

3 EXTINCT

Country	Status	Breeding pairs	Q	Year(s) of estimate	Breeding Population trend in the last 10 years	Q
					small increase	
Andorra	breeding	2-3	G	2016	stable	G
Armenia	breeding	35-40	M	2007-2010	small decline	M
Azerbaijan	breeding	100-400	M	2000-2016	large increase	P
Bosnia and Herzegovina	extinct				decline	
Bulgaria	breeding	80-100	G	2016	decline	G
Croatia	breeding	90	G	2016	moderate increase	G
Cyprus	breeding	1-3	G	2016	small decline	G
France	breeding	2000	G	2016	moderate increase	G
Georgia	breeding	40-60	M	1991-2016	moderate increase	M
Greece	breeding	350-400	G	2015	stable	G
Hungary	extinct					
Iraq						
Israel	breeding	42	G	2016	decline	G
Italy	breeding	170	M	2016	moderate increase	G
Jordan	breeding	8-15	G	2014	stable	G
Kazakhstan						
Kyrgyzstan						
Lebanon						
Portugal	breeding	750	G	2007	moderate increase	G
Romania	extinct					
Russian Federation (Caucasus)	breeding	152-223 x2?	M	2001-2003	decline	P
Saudi Arabia	breeding	3000	M	2015	large decline	M
Serbia	breeding	150-200	G	2016	large increase	G
Spain	breeding	24609/25000	G	2012	large increase	G
Syrian Arab Republic						
Tajikistan	breeding					
The FYR of Macedonia	breeding	14	G	2015	decline	G
Turkey	breeding	45	P	2013	small decline	P
Turkmenistan	breeding					
Ukraine (Crimea)	breeding	23-25	G	2016	stable	G
Uzbekistan	breeding	140-150	P	2009	decline	P
Yemen	breeding					

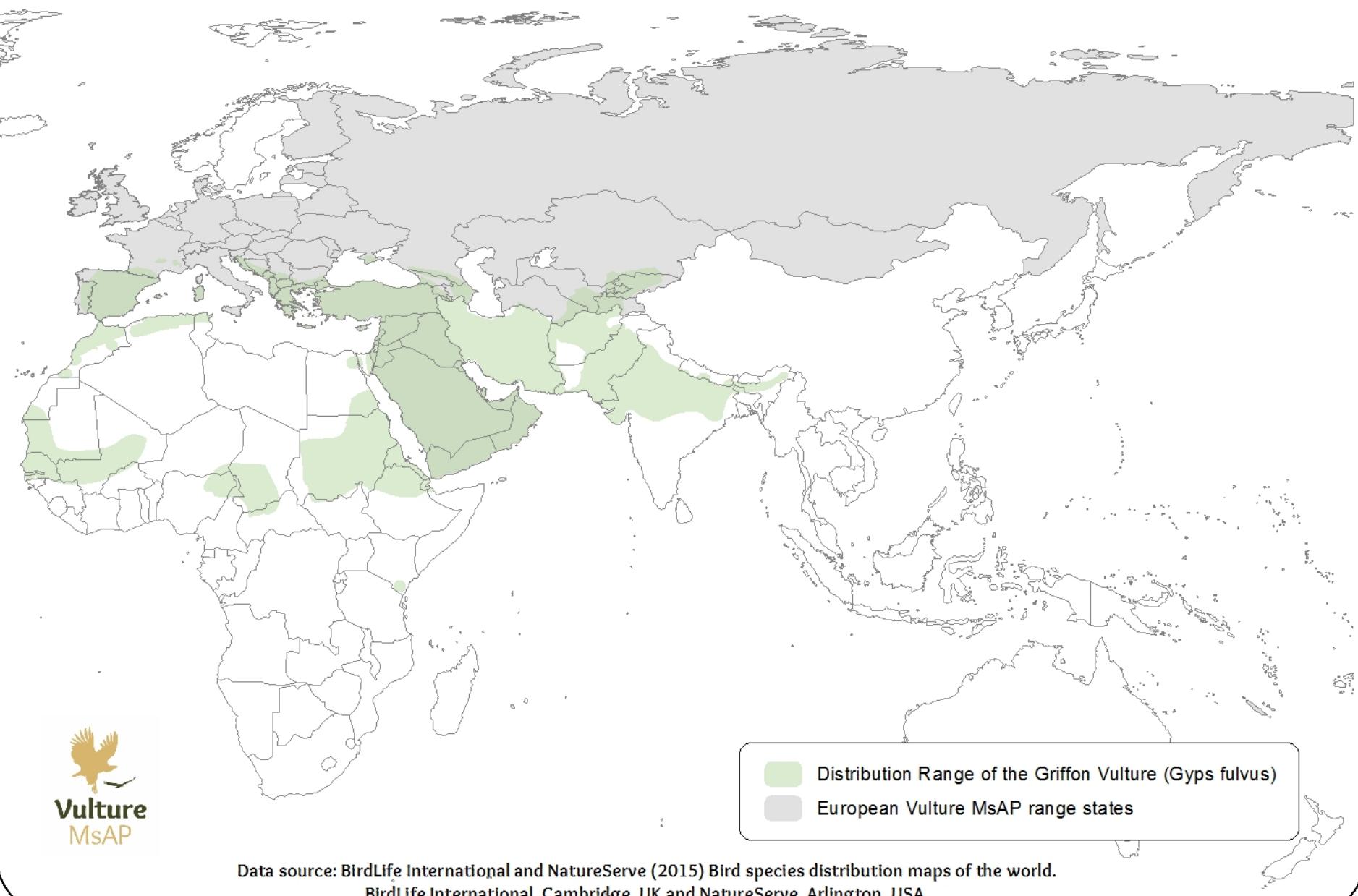
31 801 - 32 730 BREEDING PAIRS

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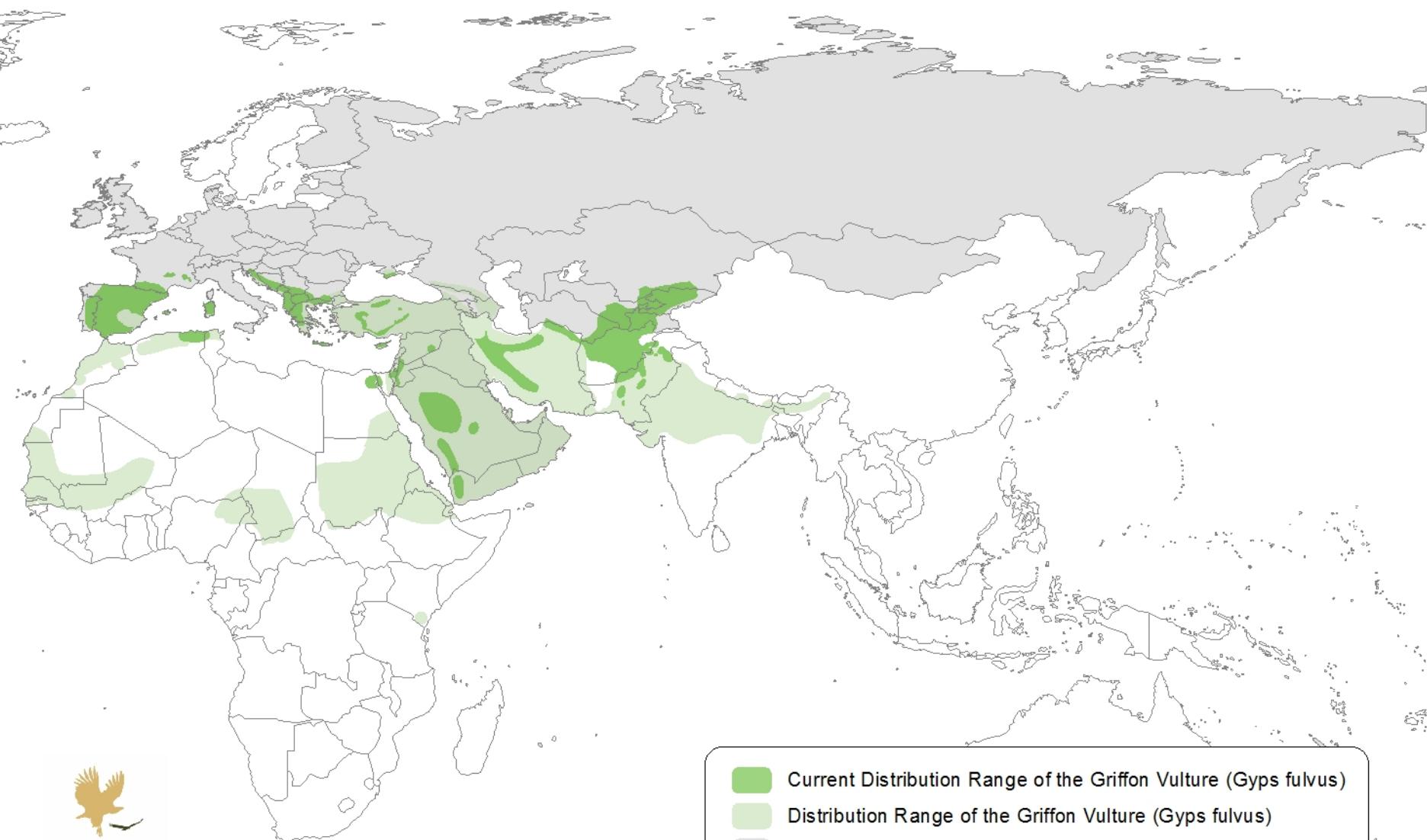
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* BirdLife International (2016) IUCN Red List for birds

Global Distribution Range of the Griffon Vulture (*Gyps fulvus*)



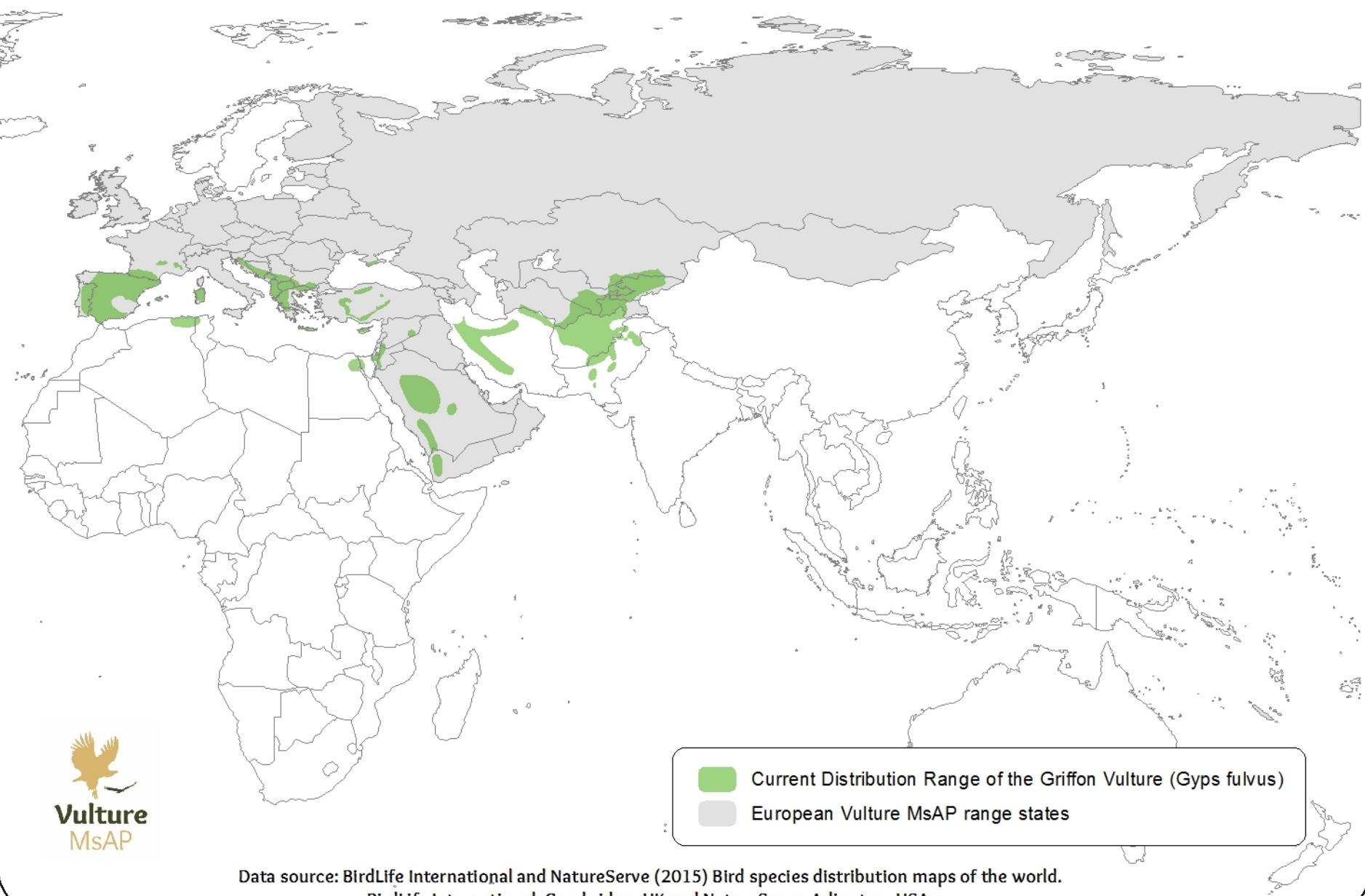
Global Distribution Range of the Griffon Vulture (*Gyps fulvus*)



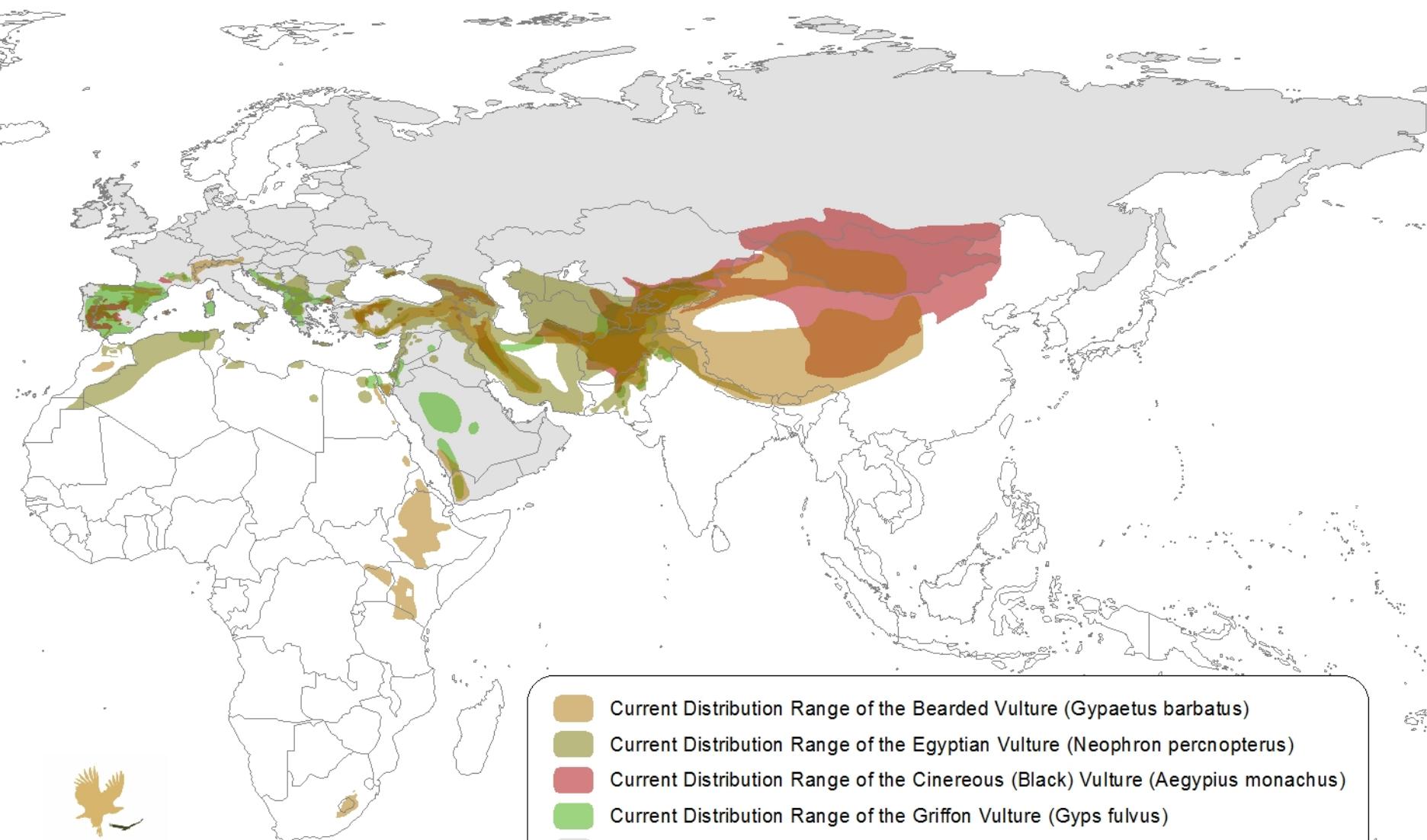
- Current Distribution Range of the Griffon Vulture (*Gyps fulvus*)
- Distribution Range of the Griffon Vulture (*Gyps fulvus*)
- European Vulture MsAP range states

Data source: BirdLife International and NatureServe (2015) Bird species distribution maps of the world.
BirdLife International, Cambridge, UK and NatureServe, Arlington, USA.

Global Distribution Range of the Griffon Vulture (*Gyps fulvus*)



Global Distribution Range



NATIONAL POPULATION SCOPE

Gypaetus barbatus

Country	Scope
Mongolia	3
Russian Federation (Altai-Sayan)	3
Russian Federation (Caucasus)	3
Spain	3
Azerbaijan	2
France	2
Greece	2
Italy	2
Switzerland	2
Turkey	2
Uzbekistan	2
Andorra	1
Armenia	1
Austria	1
Georgia	1
Tajikistan	1

Aegypius monachus

Country	Scope
Mongolia	3
Russian Federation (Altai-Sayan)	3
Spain	3
Azerbaijan	2
France	2
Greece	2
Russian Federation (Caucasus)	2
Tajikistan	2
Turkey	2
Ukraine (Crimea)	2
Uzbekistan	2
Armenia	1
Bulgaria	1
Georgia	1
Portugal	1

Neophron percnopterus

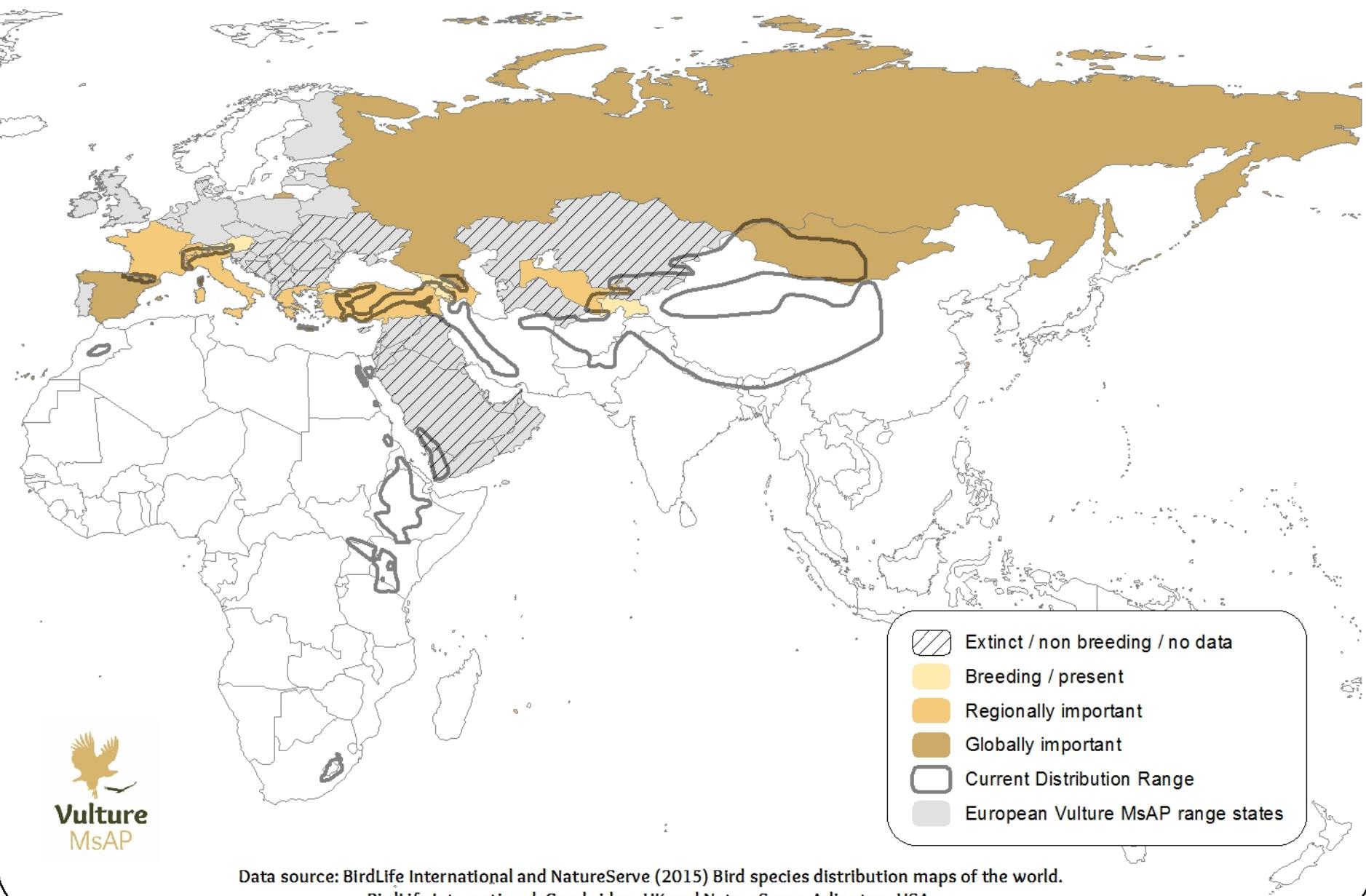
Country	Scope
Azerbaijan	3
Spain	3
Turkey	3
Uzbekistan	3
Albania	2
Bulgaria	2
France	2
Georgia	2
Greece	2
Israel	2
Italy	2
Portugal	2
Russian Federation (Caucasus)	2
Syrian Arab Republic	2
Tajikistan	2
The FYR of Macedonia	2
Armenia	1
Romania	1
United Arab Emirates	1

Gyps fulvus

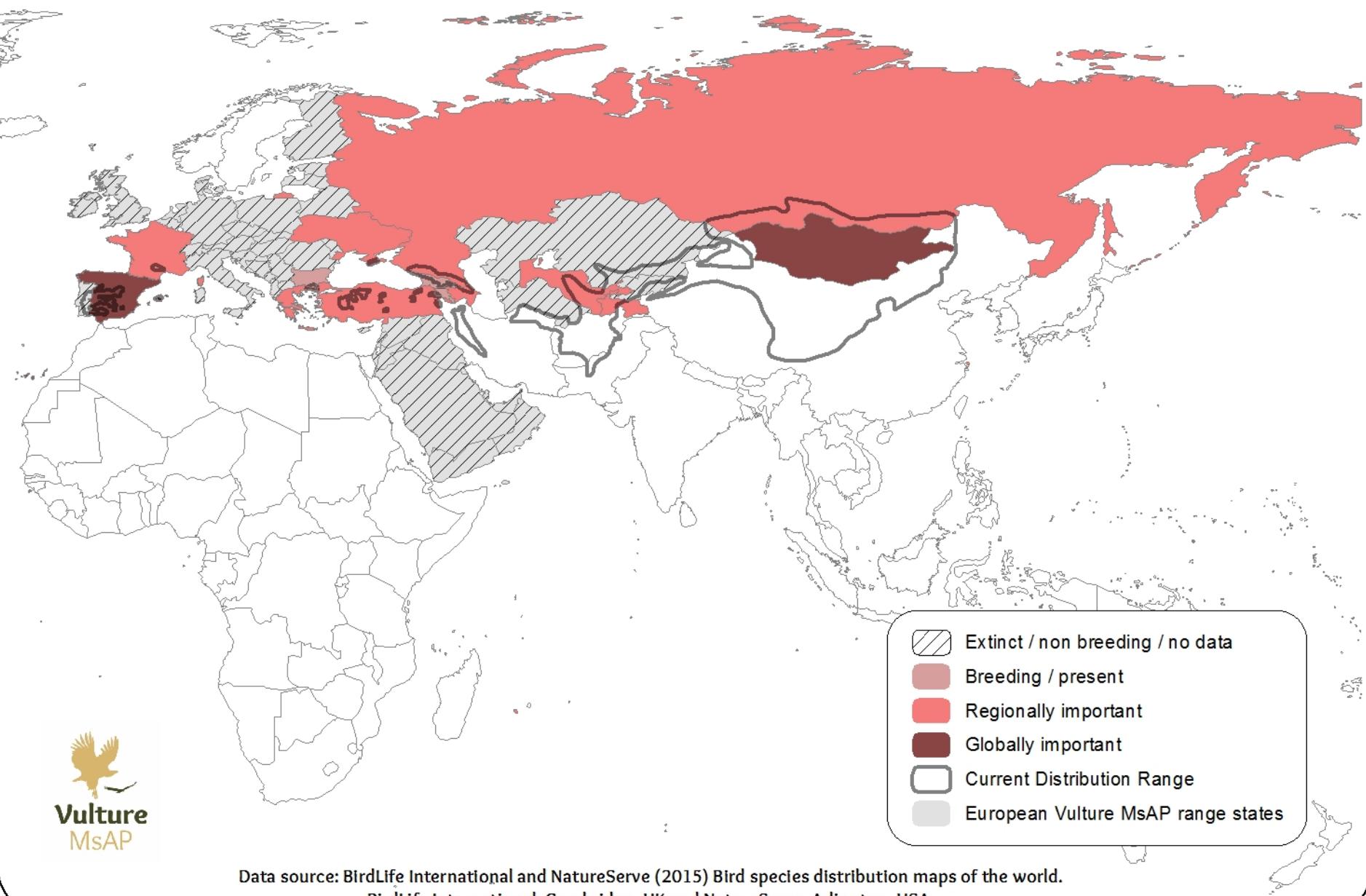
Country	Scope
Spain	3
Azerbaijan	2
Bulgaria	2
Croatia	2
France	2
Greece	2
Italy	2
Russian Federation (Caucasus)	2
Saudi Arabia	2
Serbia	2
Uzbekistan	2
Andorra	1
Armenia	1
Cyprus	1
Georgia	1
Israel	1
Jordan	1
Portugal	1
The FYR of Macedonia	1
Turkey	1
Ukraine (Crimea)	1

0 - not present/breeding or no data; 1 – present/breeding; 2 – regionally important & 3 globally important

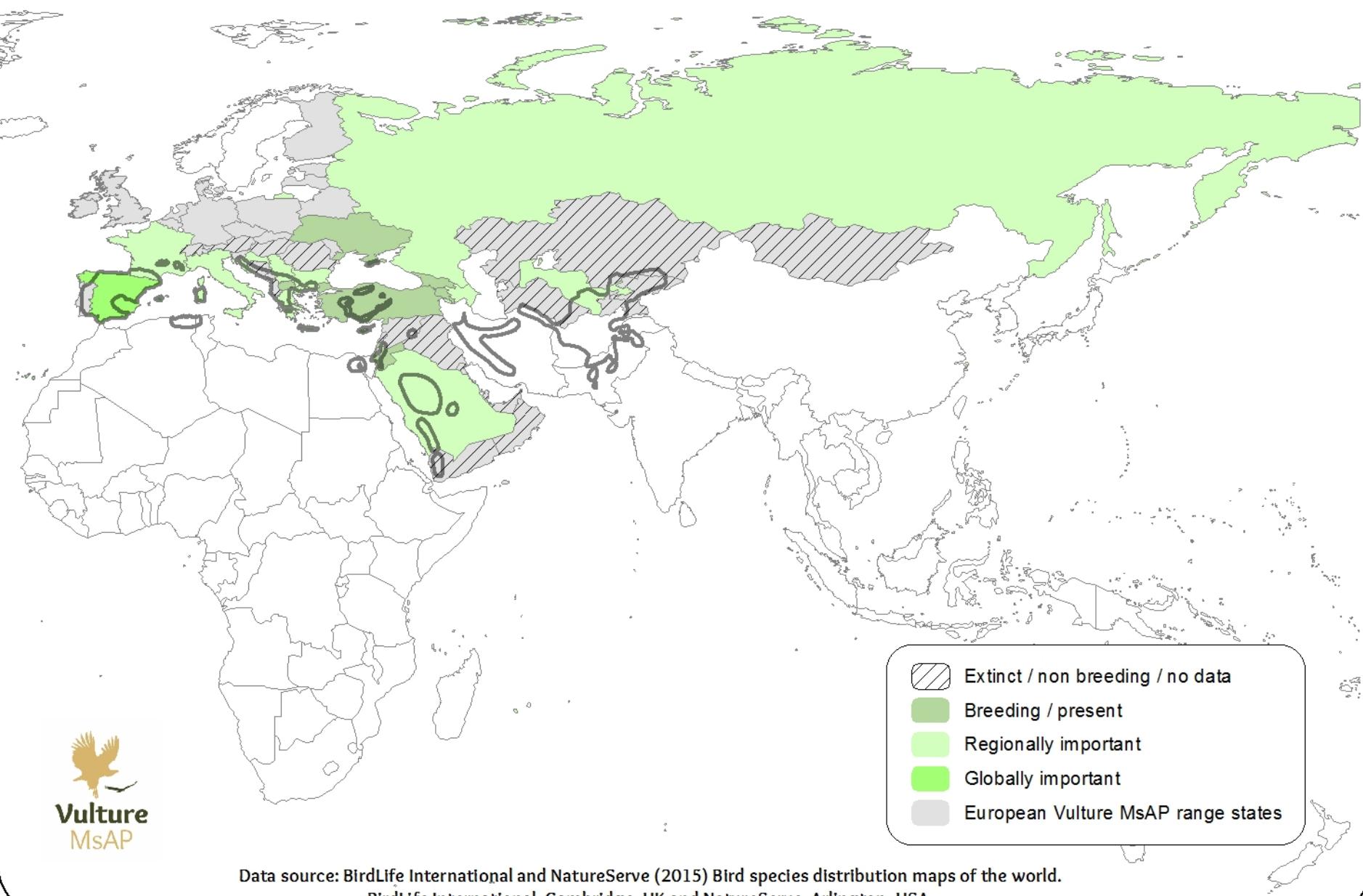
National population scope element - Bearded Vulture (*Gypaetus barbatus*)



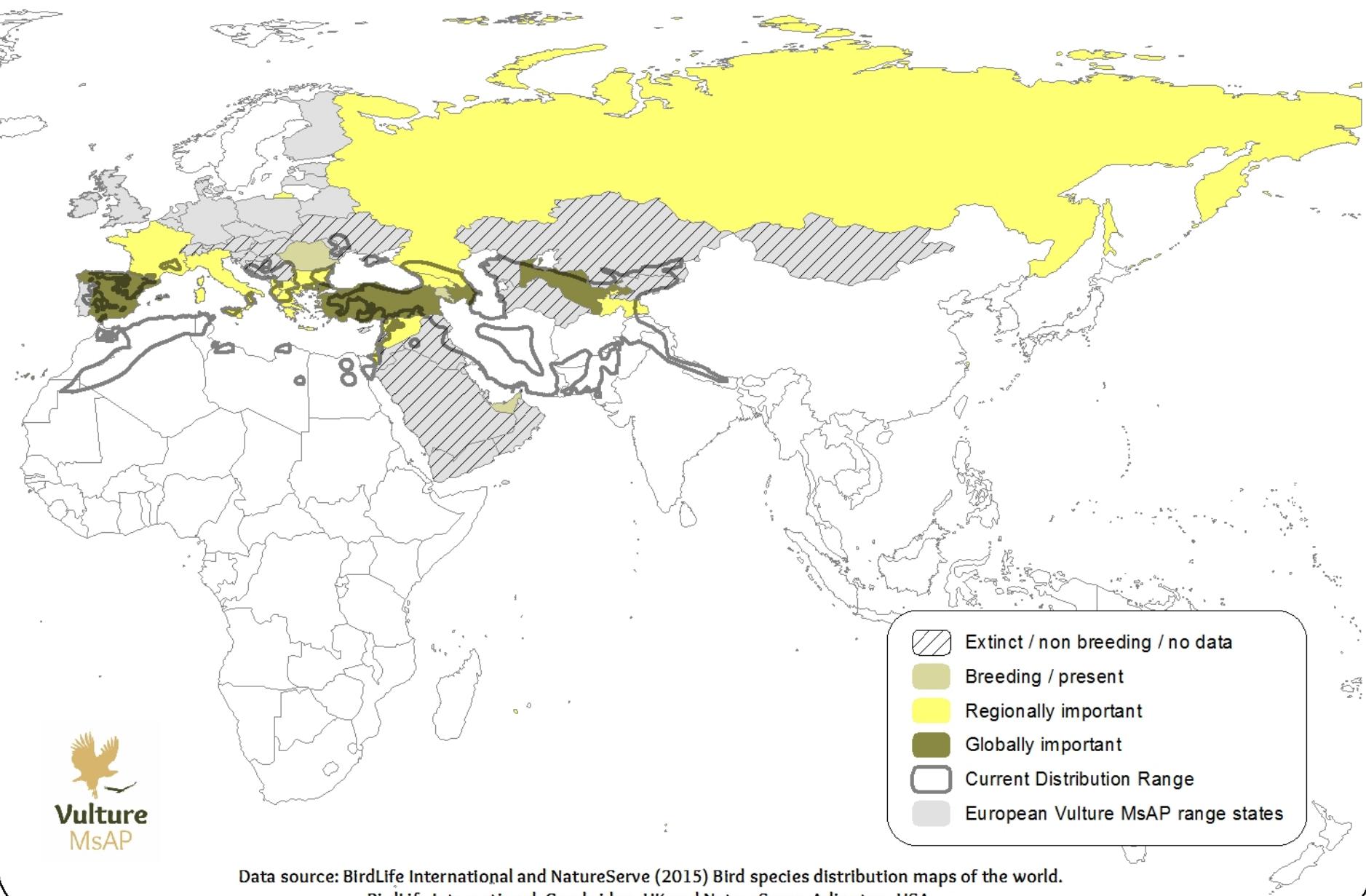
National population scope element - Cinereous (Black) Vulture (*Aegypius monachus*)



National population scope element - Griffon Vulture (*Gyps fulvus*)



National population scope element - Egyptian Vulture (*Neophron percnopterus*)



THREATS

Poisoning

- Poisoning (uncontrolled use of pesticides)
- Poisoning (lead intoxication - ammunition)
- Poisoning (veterinary drugs)

Collision and Electrocution

- Collisions with wind turbines
- Collision with power lines
- Electrocution on power poles

Food availability / limitation

- Decline of extensive livestock farming
- Decline of wild ungulates
- Stricter sanitary and veterinary regulations

THREATS

Other threats

- Hunting – Poaching
- Habitat loss / Degradation
- Disturbance from human activities
- Harvesting/nest robbery
- Low public and stakeholder awareness
- Missing or ineffective policies, laws and enforcement

THREATS - RESULTS

Poisoning	Unknown	Local	Low	Medium	High	Critical
<i>Gypaetus barbatus</i>	17	4	9	3	3	3
<i>Aegypius monachus</i>	20	4	8	10	3	4
<i>Neophron percnopterus</i>	16	5	3	6	3	4
<i>Gyps fulvus</i>	19	5	5	5	5	5

Collision & Electrocution	Unknown	Local	Low	Medium	High	Critical
<i>Gypaetus barbatus</i>	14	2	6	3	2	0
<i>Aegypius monachus</i>	14	9	6	4	1	1
<i>Neophron percnopterus</i>	18	3	7	4	2	0
<i>Gyps fulvus</i>	16	2	8	5	5	0

Food availability	Unknown	Local	Low	Medium	High	Critical
<i>Gypaetus barbatus</i>	9	4	9	6	7	1
<i>Aegypius monachus</i>	15	8	12	8	7	2
<i>Neophron percnopterus</i>	12	5	9	7	6	4
<i>Gyps fulvus</i>	15	7	9	11	8	4

Habitat loss	Unknown	Local	Low	Medium	High	Critical
<i>Gypaetus barbatus</i>	3	3	7	5	2	1
<i>Aegypius monachus</i>	4	7	4	8	5	1
<i>Neophron percnopterus</i>	3	4	6	8	3	0
<i>Gyps fulvus</i>	3	7	7	6	4	1

Disturbance	Unknown	Local	Low	Medium	High	Critical
<i>Gypaetus barbatus</i>	4	6	6	5	2	0
<i>Aegypius monachus</i>	5	4	8	5	6	1
<i>Neophron percnopterus</i>	2	4	7	8	4	0
<i>Gyps fulvus</i>	2	5	9	6	3	0

THREATS - RESULTS

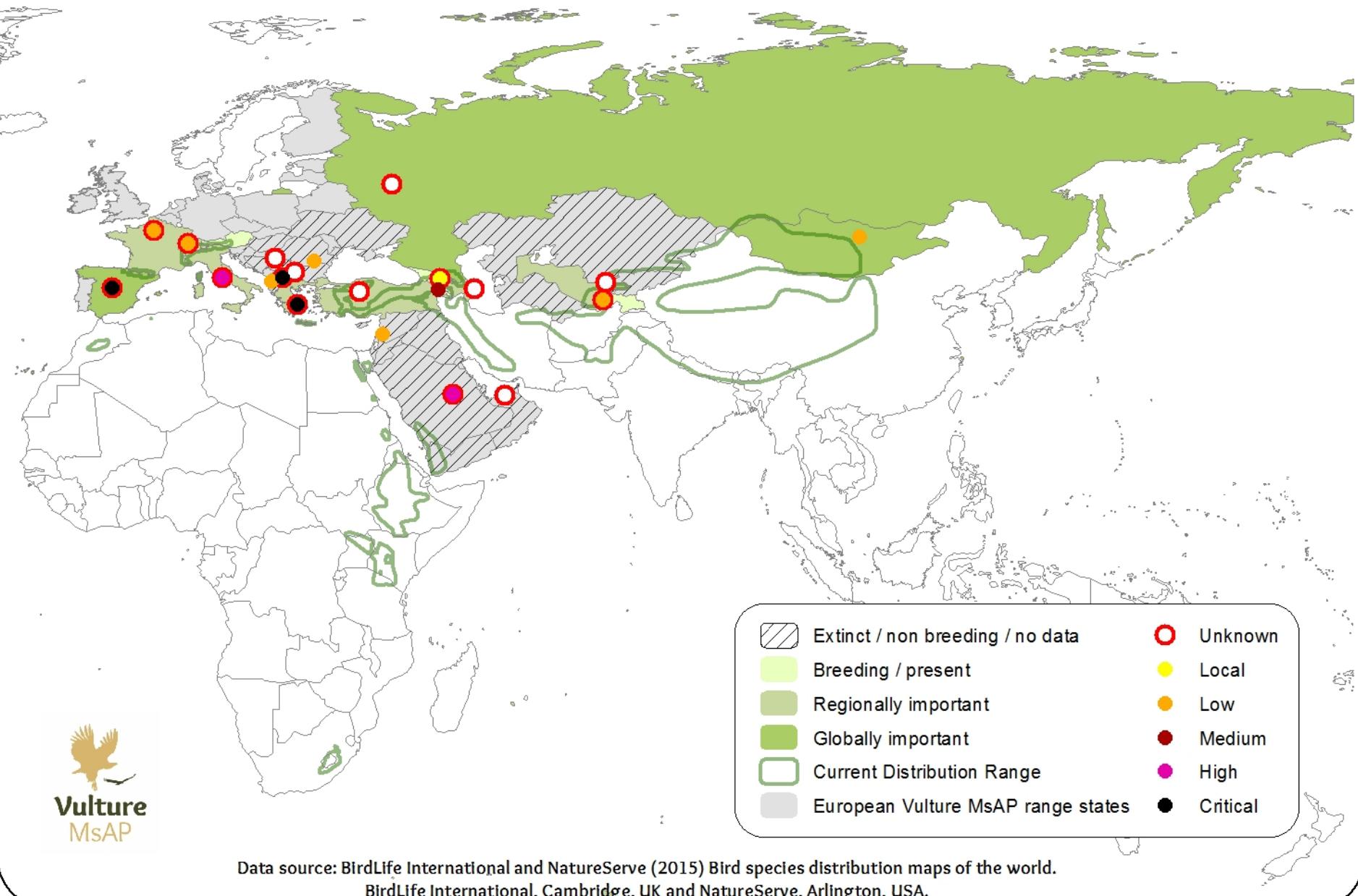
Poaching	Unknown	Local	Low	Medium	High	Critical
<i>Gypaetus barbatus</i>	2	7	6	5	0	3
<i>Aegypius monachus</i>	7	9	9	4	2	0
<i>Neophron percnopterus</i>	2	6	6	9	2	0
<i>Gyps fulvus</i>	3	12	8	5	1	1

Harvesting	Unknown	Local	Low	Medium	High	Critical
<i>Gypaetus barbatus</i>	15	3	2	0	0	0
<i>Aegypius monachus</i>	17	4	5	0	0	0
<i>Neophron percnopterus</i>	11	3	5	4	0	0
<i>Gyps fulvus</i>	16	5	5	1	0	0

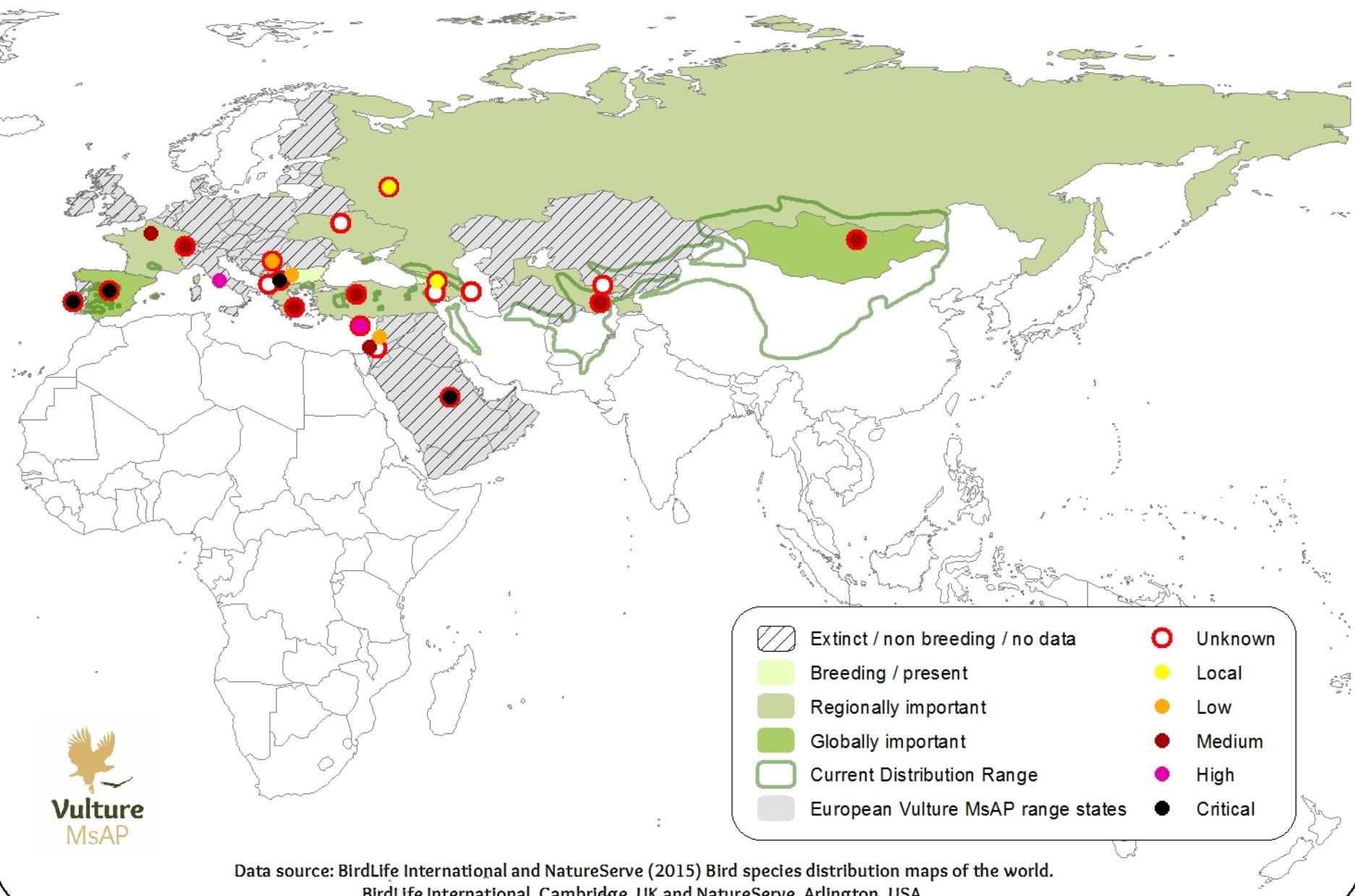
Low awareness	Unknown	Local	Low	Medium	High	Critical
<i>Gypaetus barbatus</i>	4	5	6	4	1	1
<i>Aegypius monachus</i>	5	6	9	4	4	0
<i>Neophron percnopterus</i>	4	8	6	5	2	1
<i>Gyps fulvus</i>	5	6	8	5	4	1

Ineffective laws	Unknown	Local	Low	Medium	High	Critical
<i>Gypaetus barbatus</i>	4	3	9	4	2	0
<i>Aegypius monachus</i>	9	4	5	6	3	0
<i>Neophron percnopterus</i>	4	4	5	5	5	0
<i>Gyps fulvus</i>	8	3	8	5	5	1

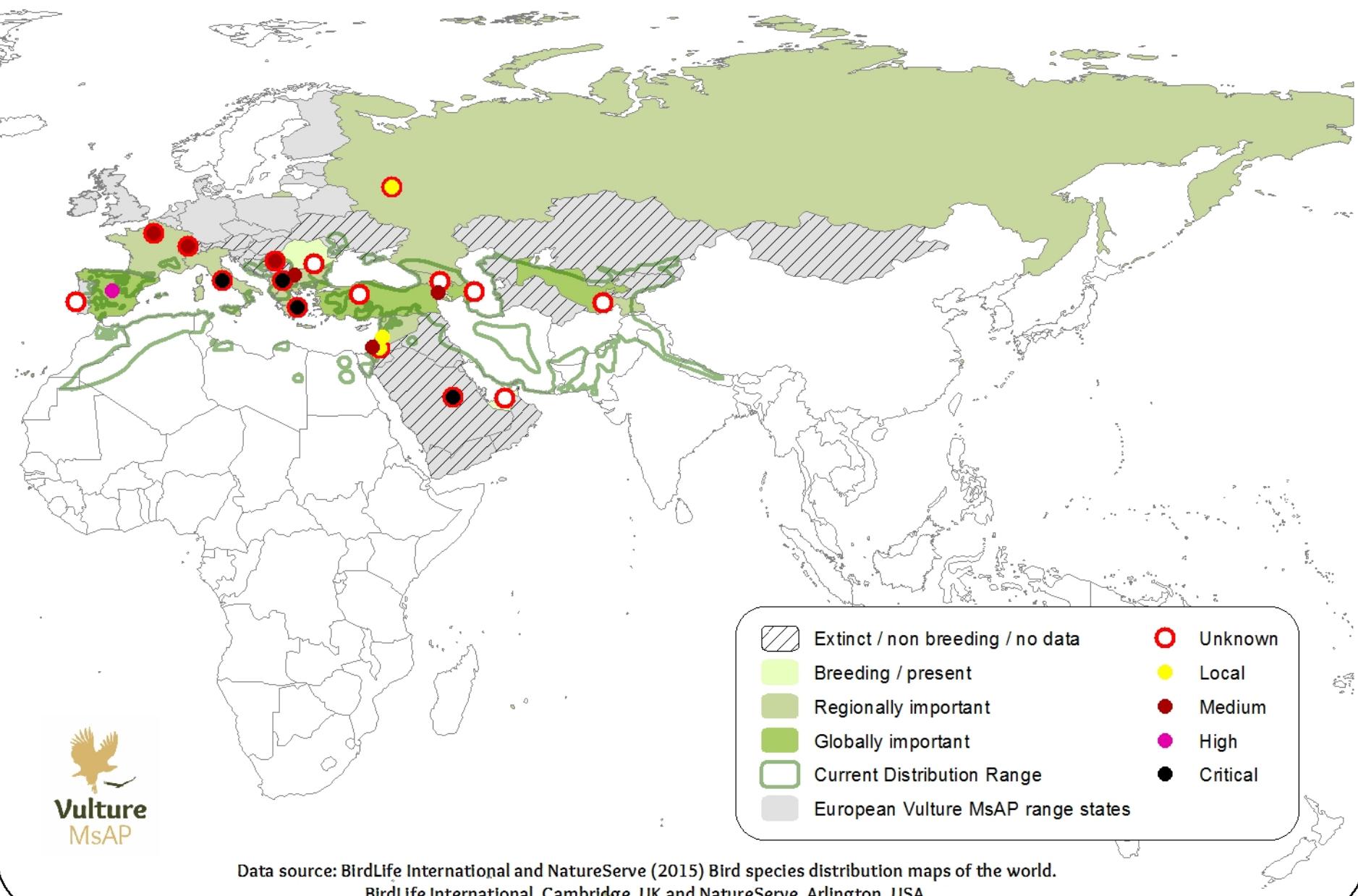
Bearded Vulture (*Gypaetus barbatus*) POISONING



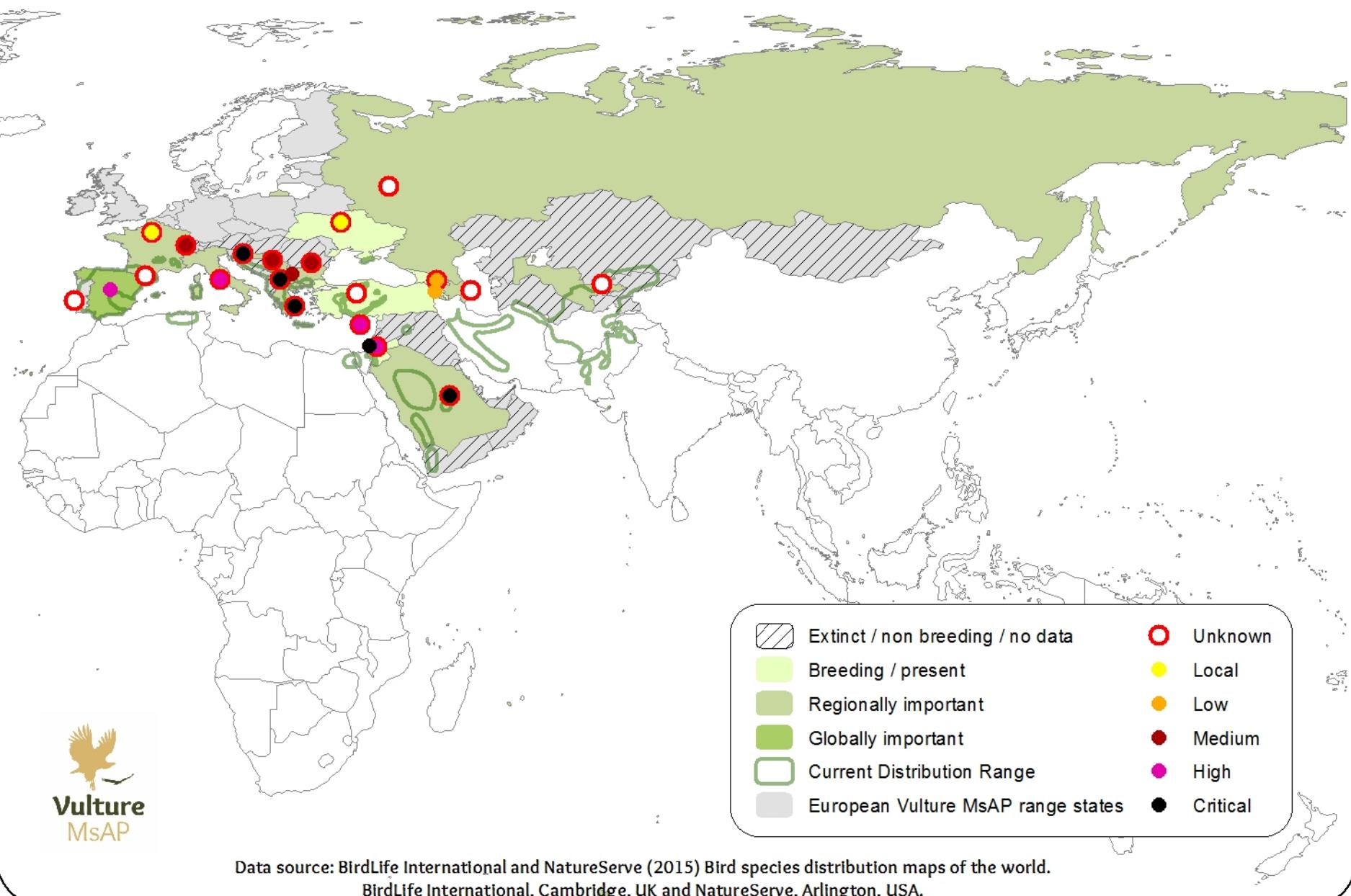
Cinereous (Black) Vulture (*Aegypius monachus*) POISONING



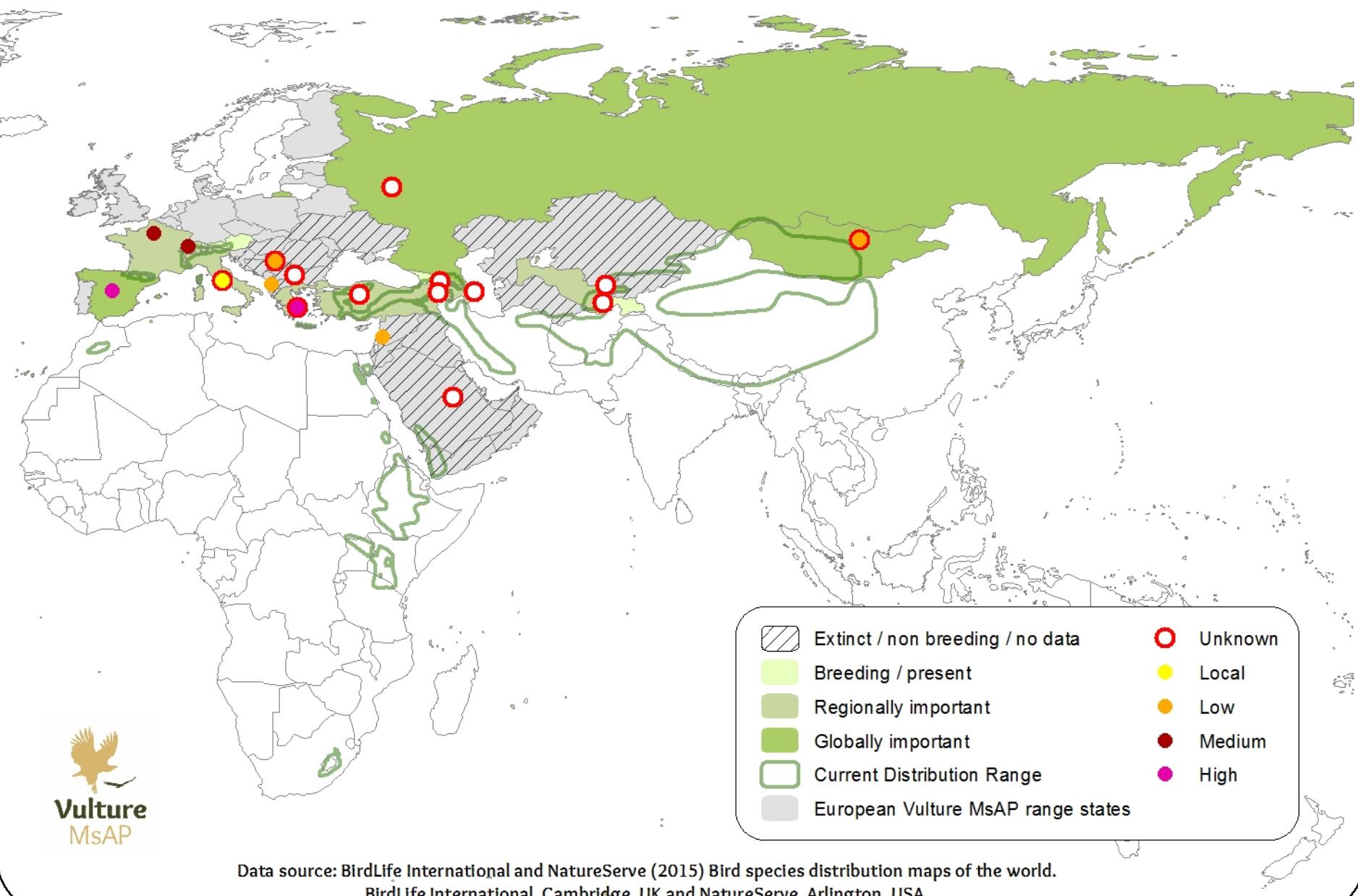
Egyptian Vulture (*Neophron percnopterus*) POISONING



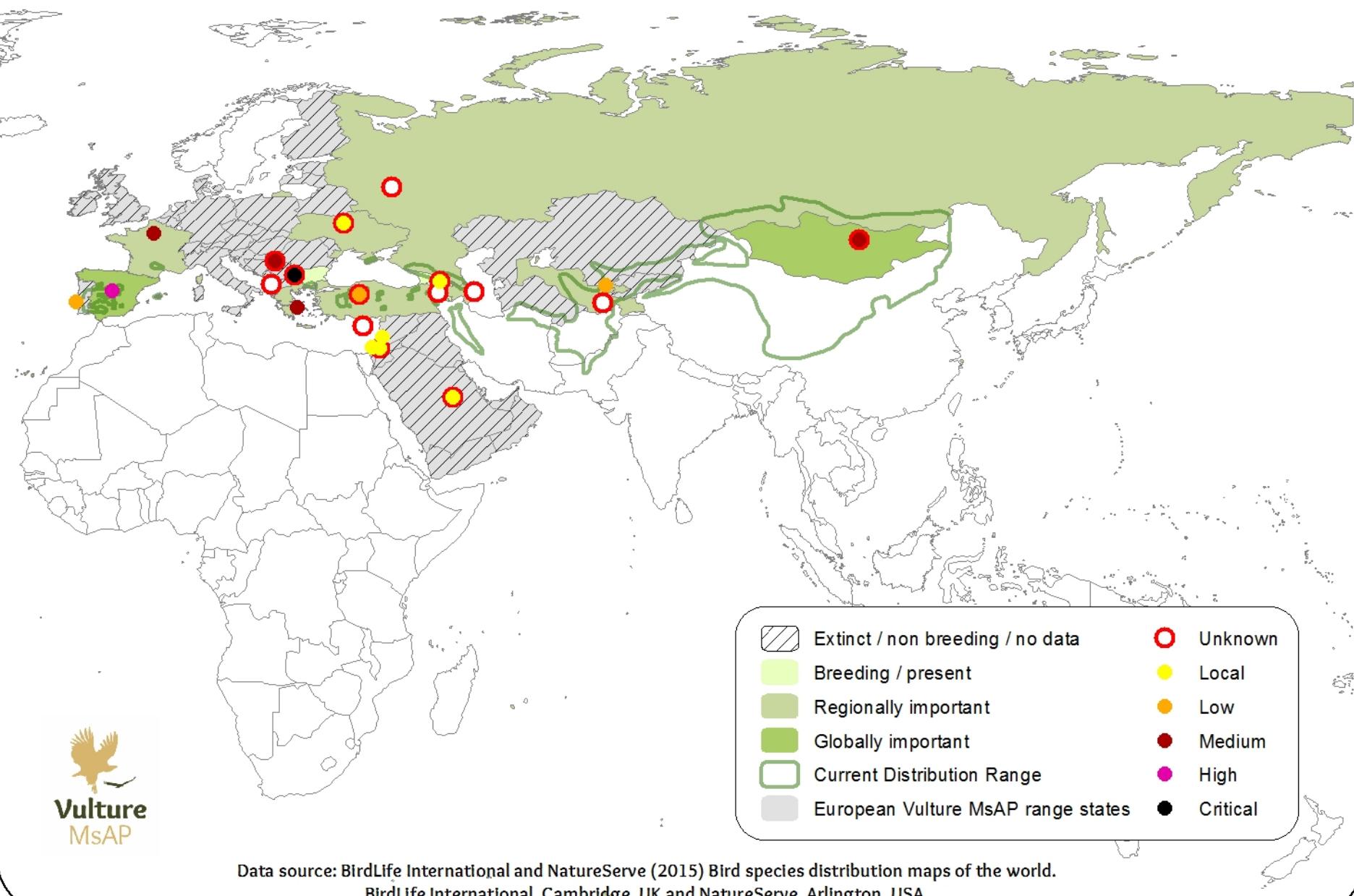
Griffon Vulture (*Gyps fulvus*) POISONING



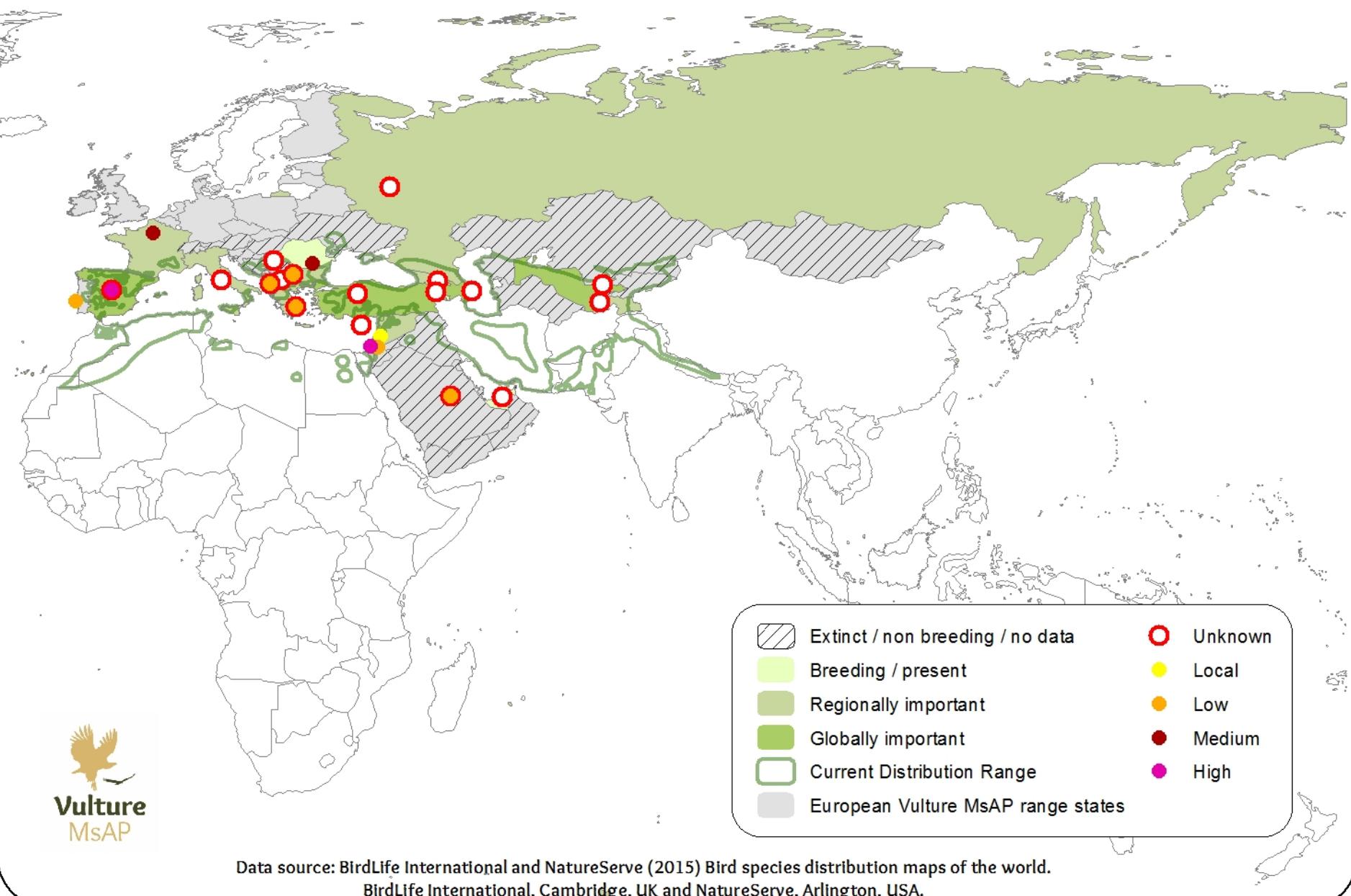
Bearded Vulture (*Gypaetus barbatus*) - COLLISION & ELECTROCUTION



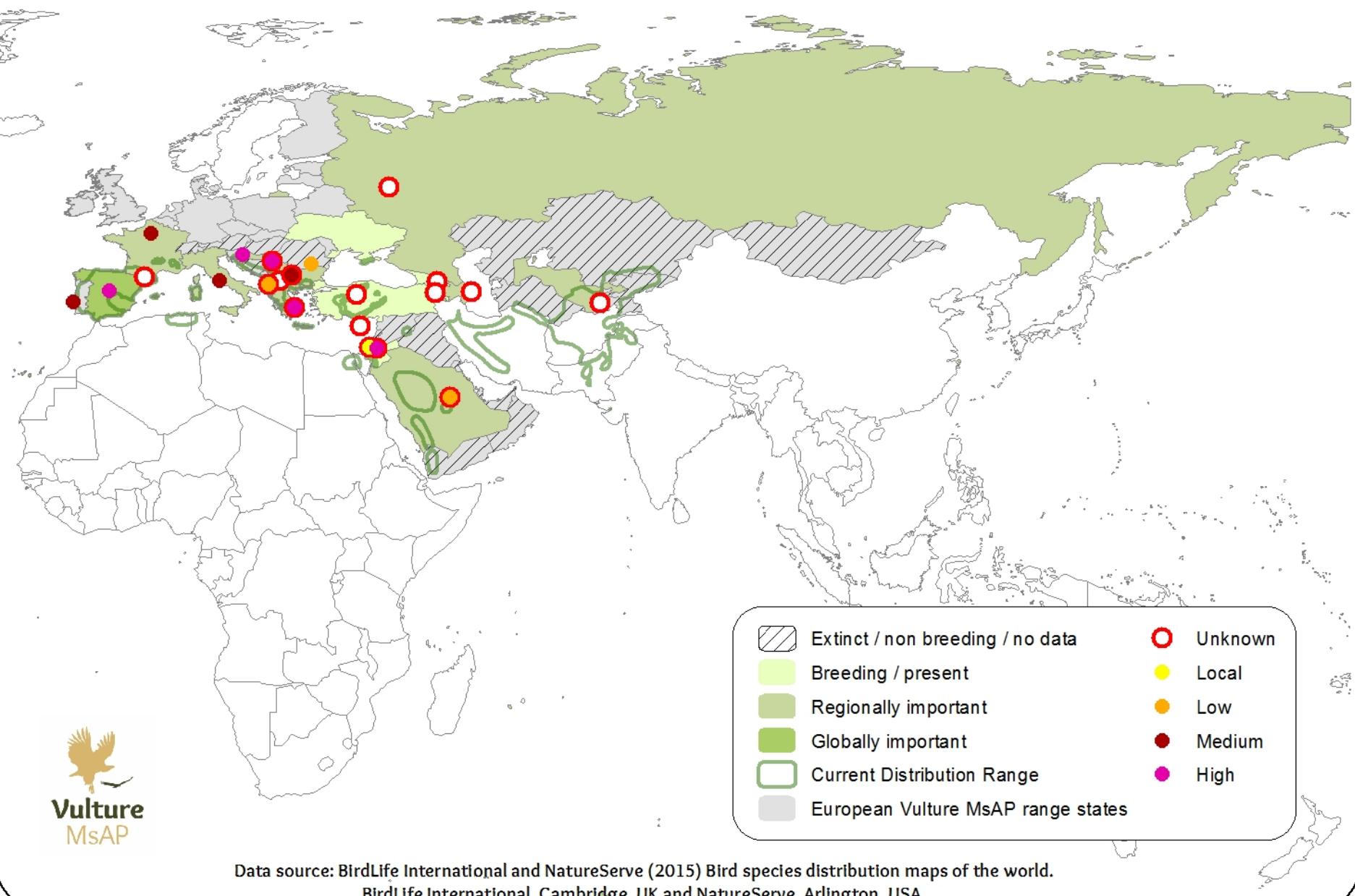
Cinereous (Black) Vulture (*Aegypius monachus*) - COLLISION & ELECTROCUTION



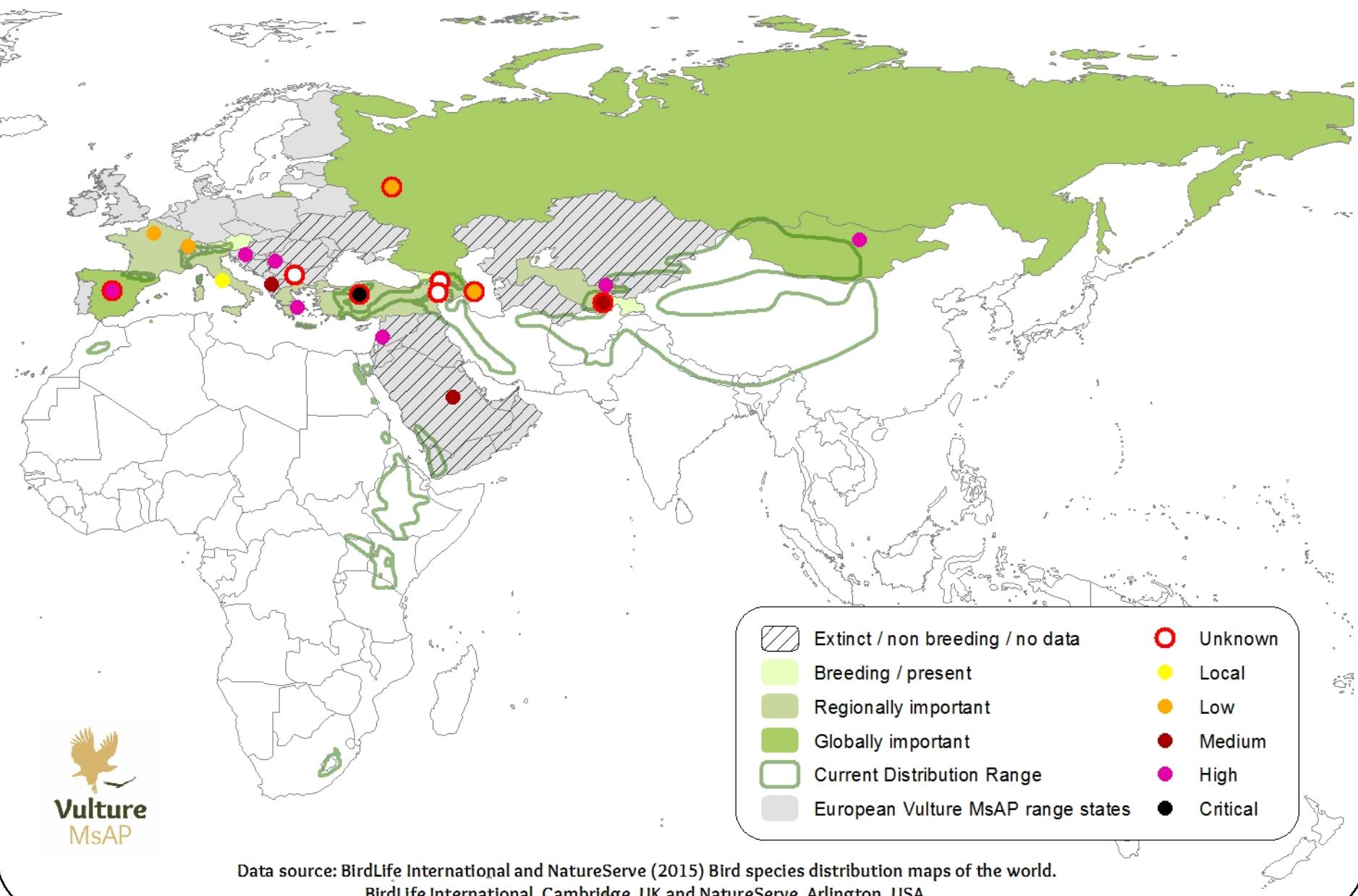
Egyptian Vulture (*Neophron percnopterus*) - COLLISION & ELECTROCUTION



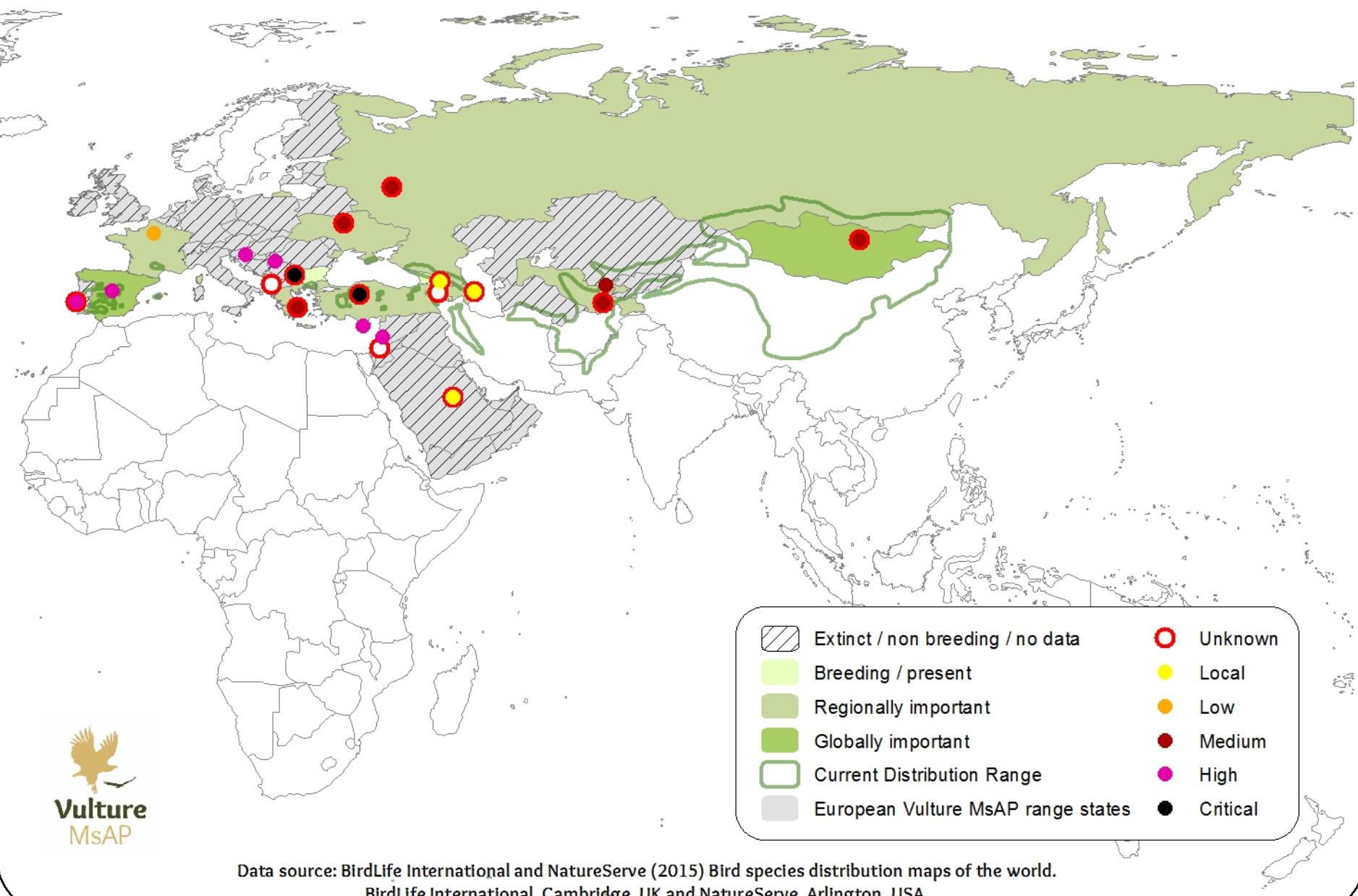
Griffon Vulture (*Gyps fulvus*) - COLLISION & ELECTROCUTION



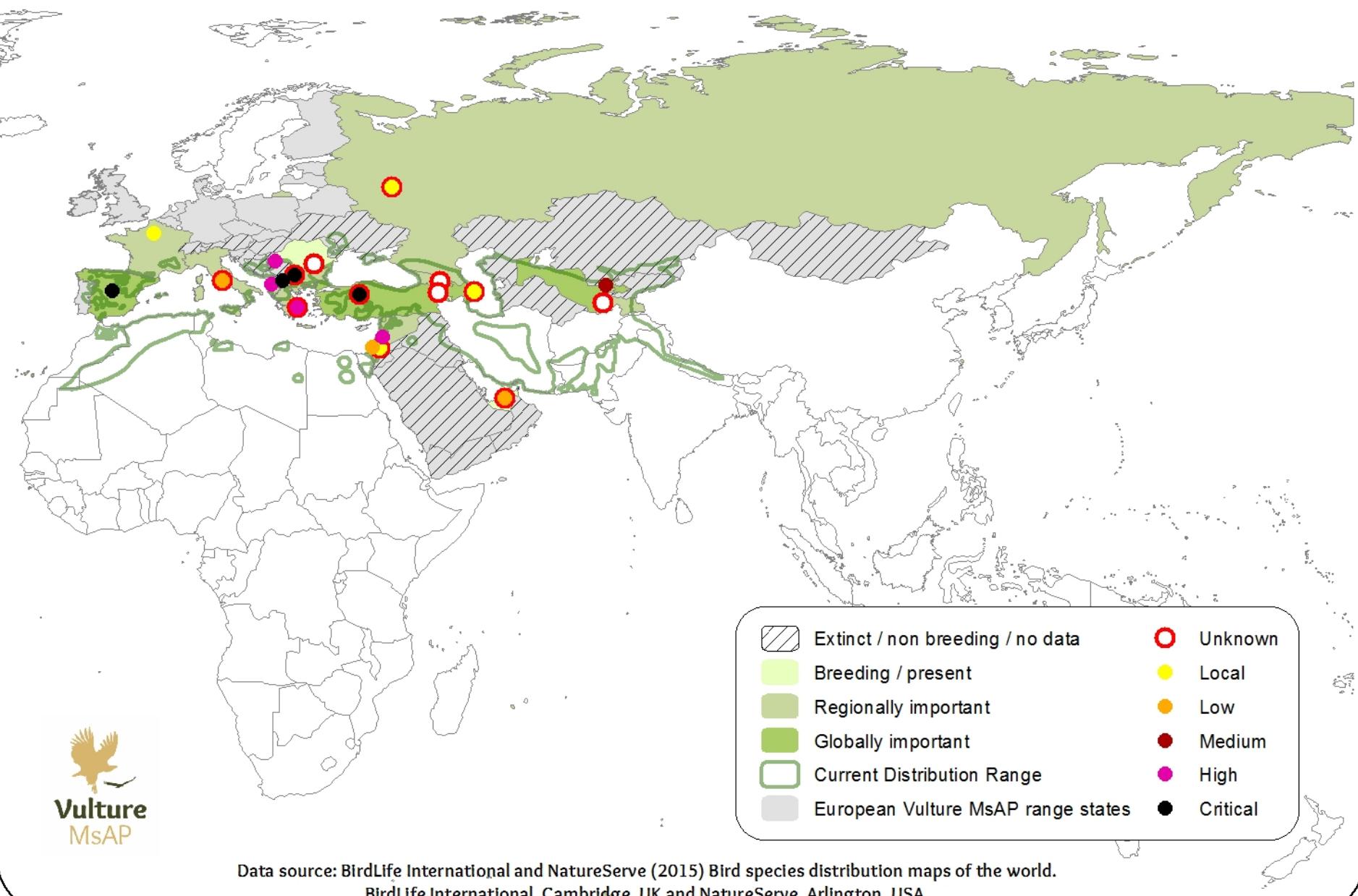
Bearded Vulture (*Gypaetus barbatus*) - FOOD AVAILABILITY



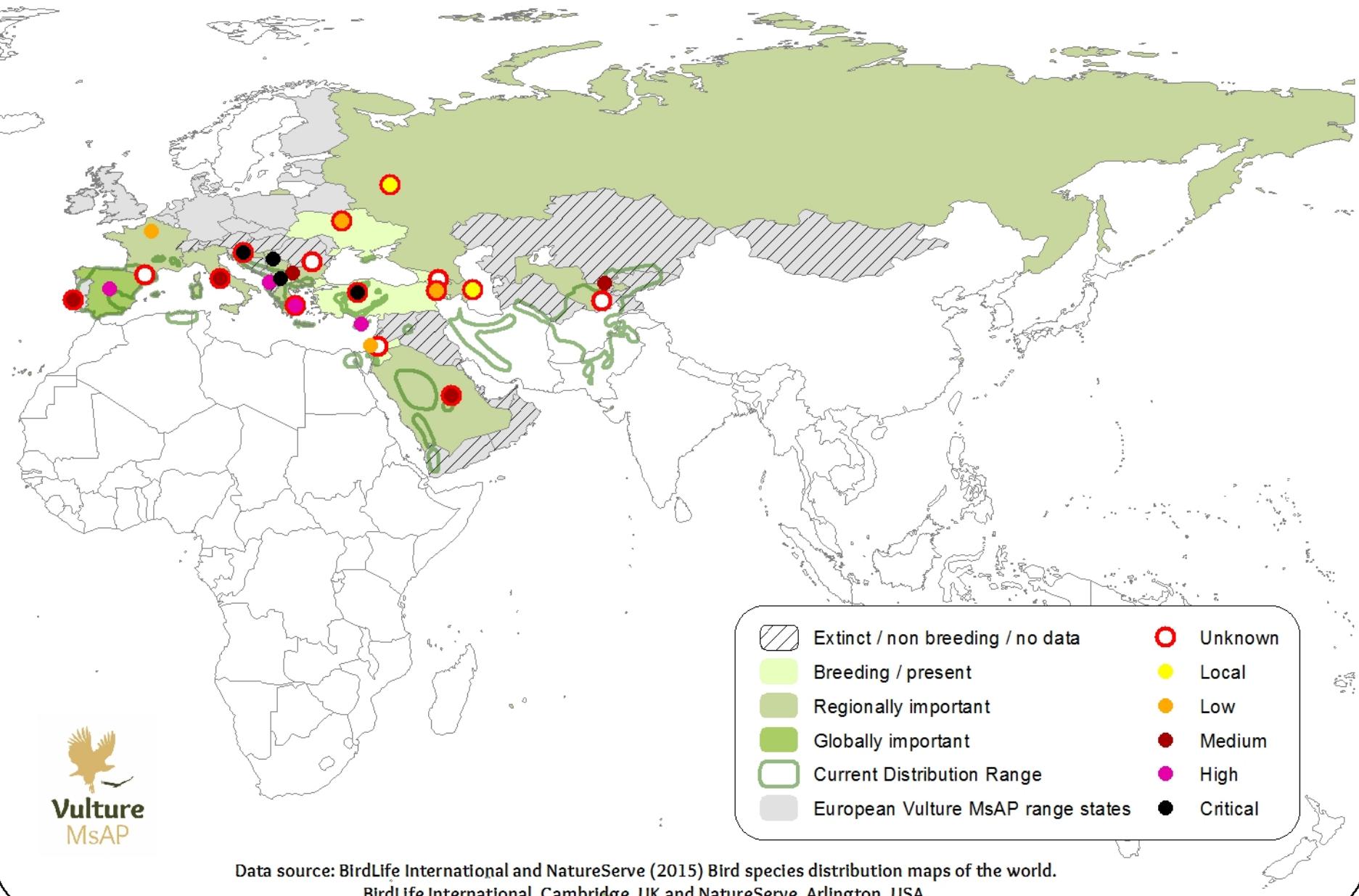
Cinereous (Black) Vulture (*Aegypius monachus*) - FOOD AVAILABILITY



Egyptian Vulture (*Neophron percnopterus*) - FOOD AVAILABILITY



Griffon Vulture (*Gyps fulvus*) - FOOD AVAILABILITY





CONSERVATION

Project N°	Year Of Finance	Country	total budget	EU contribution	Species
LIFE00 NAT/E/007340	2000	España	1,036,378.00	621,827.00	Aegypius monachus /
LIFE00 NAT/E/007348	2000	España	1,853,176.00	1,297,223.00	Aegypius monachus / Neophron percnopterus
LIFE02 NAT/E/008624	2002	España	683,142.00	364,878.00	Gypaetus barbatus /
LIFE02 NAT/GR/008489	2002	Greece	1,248,000.00	936,000.00	None or non applicable /
LIFE02 NAT/GR/008492	2002	Greece	2,286,108.00	1,371,665.00	Gypaetus barbatus /
LIFE02 NAT/GR/008497	2002	Greece	1,566,345.00	939,807.00	Aegypius monachus /
LIFE03 NAT/E/000050	2003	Spain	3,286,882.00	1,972,129.00	Aegypius monachus /
LIFE03 NAT/F/000100	2003	France	1,726,194.00	1,035,716.00	Gypaetus barbatus /
LIFE03 NAT/F/000103	2003	France	2,256,971.00	1,128,485.00	Neophron percnopterus /
LIFE04 NAT/ES/000034	2004	Spain	2,082,923.00	1,249,754.00	None or non applicable /
LIFE04 NAT/ES/000036	2004	Spain	1,237,532.00	618,766.00	None or non applicable /
LIFE04 NAT/ES/000056	2004	Spain	1,649,250.00	1,236,937.00	Gypaetus barbatus /
LIFE04 NAT/ES/000067	2004	Spain	829,937.00	414,968.00	Neophron percnopterus /
LIFE05 NAT/IT/000009	2005	Italy	866,062.00	649,546.00	Neophron percnopterus /
LIFE06 NAT/E/000214	2006	España	1,826,559.00	913,279.00	Gyps fulvus /
LIFE06 NAT/IT/000026	2006	Italy	955,631.00	716,723.00	Neophron percnopterus /
LIFE07 NAT/E/000742	2007	Spain	3,699,135.00	1,625,400.00	Aegypius monachus /
LIFE07 NAT/E/000762	2007	Spain	3,869,850.00	1,934,925.00	Aegypius monachus /
LIFE07 NAT/IT/000436	2007	Italy	1,411,144.00	705,572.00	Gypaetus barbatus / Gyps fulvus / Neophron percnopterus /
LIFE08 NAT/BG/000278	2008	Bulgaria	1,332,328.00	666,164.00	Aegypius monachus / Gypaetus barbatus / Gyps fulvus /
LIFE08 NAT/E/000062	2008	Spain	1,672,020.00	646,737.00	Aegypius monachus / Gypaetus barbatus / Gyps fulvus / Neophron percnopterus /
LIFE08 NAT/P/000227	2008	Portugal	2,640,556.00	1,980,417.00	Aegypius monachus /
LIFE09 NAT/ES/000533	2009	Spain	5,660,886.00	2,730,790.00	Aegypius monachus / Gypaetus barbatus / Neophron percnopterus /
LIFE10 NAT/BG/000152	2010	Bulgaria	2,625,742.00	1,312,871.00	Neophron percnopterus /
LIFE11 NAT/BG/000363	2011	Bulgaria	376,891.00	188,445.00	Aegypius monachus / Canis lupus / Gyps fulvus / Neophron percnopterus /
LIFE11 NAT/FR/000734	2011	France	2,128,061.00	1,060,532.00	Neophron percnopterus /
LIFE12 NAT/ES/000322	2012	Spain	1,582,854.00	1,061,936.00	Gypaetus barbatus /
LIFE12 NAT/ES/000595	2012	Spain	2,103,209.00	1,049,627.00	Aegypius monachus / Neophron percnopterus /
LIFE13 NAT/ES/001130	2013	Spain	759,811.00	455,886.00	Aegypius monachus / Neophron percnopterus /
LIFE13 NAT/FR/000093	2013	France	1,810,276.00	905,136.00	Gypaetus barbatus /
LIFE13 NAT/IT/000311	2013	Italy	2,414,270.00	1,265,077.00	Gypaetus barbatus / Gyps fulvus / Neophron percnopterus /
LIFE14 NAT/BG/000649	2014	Bulgaria	3,483,411.00	2,607,648.00	Aegypius monachus /
LIFE14 NAT/FR/000050	2014	France	5,632,328.00	4,157,440.00	Gypaetus barbatus /
LIFE14 NAT/IT/000484	2014	Italy	1,733,385.00	1,039,985.00	Gyps fulvus /
LIFE14 NAT/IT/001017	2014	Italy	2,877,095.00	2,071,508.00	Neophron percnopterus /
LIFE14 NAT/NL/000901	2014	Nederland	2,198,572.00	1,648,015.00	Aegypius monachus / Gyps fulvus /
LIFE14 NAT/PT/000855	2014	Portugal	3,578,924.00	2,672,481.00	Aegypius monachus / Neophron percnopterus /
LIFE14 PRE/UK/000002	2014	United Kingdom	837,995.00	500,000.00	
					79.819.833
					47.254.295

* Source: <http://ec.europa.eu/environment/life/project/Projects/>

THANK YOU FOR RESPONDING THE QUESTIONNAIRE



**Vulture
Multi-species Action Plan
European Regional Workshop**

