



Vulture Multi-species Action Plan

18TH SHARJAH INTERNATIONAL CONSERVATION FORUM FOR ARABIA'S BIODIVERSITY

6 – 9 OF FEBRUARY 2017



BEARDED VULTURE

(GYPAETUS BARBATUS)

CINEREOUS (BLACK) VULTURE

(AEGYPIUS MONACHUS)

EGYPTIAN VULTURE

(NEOPHRON PERCNOPTERUS)

GRIFFON VULTURE

(GYPS FULVUS)

LAPPET-FACED VULTURE

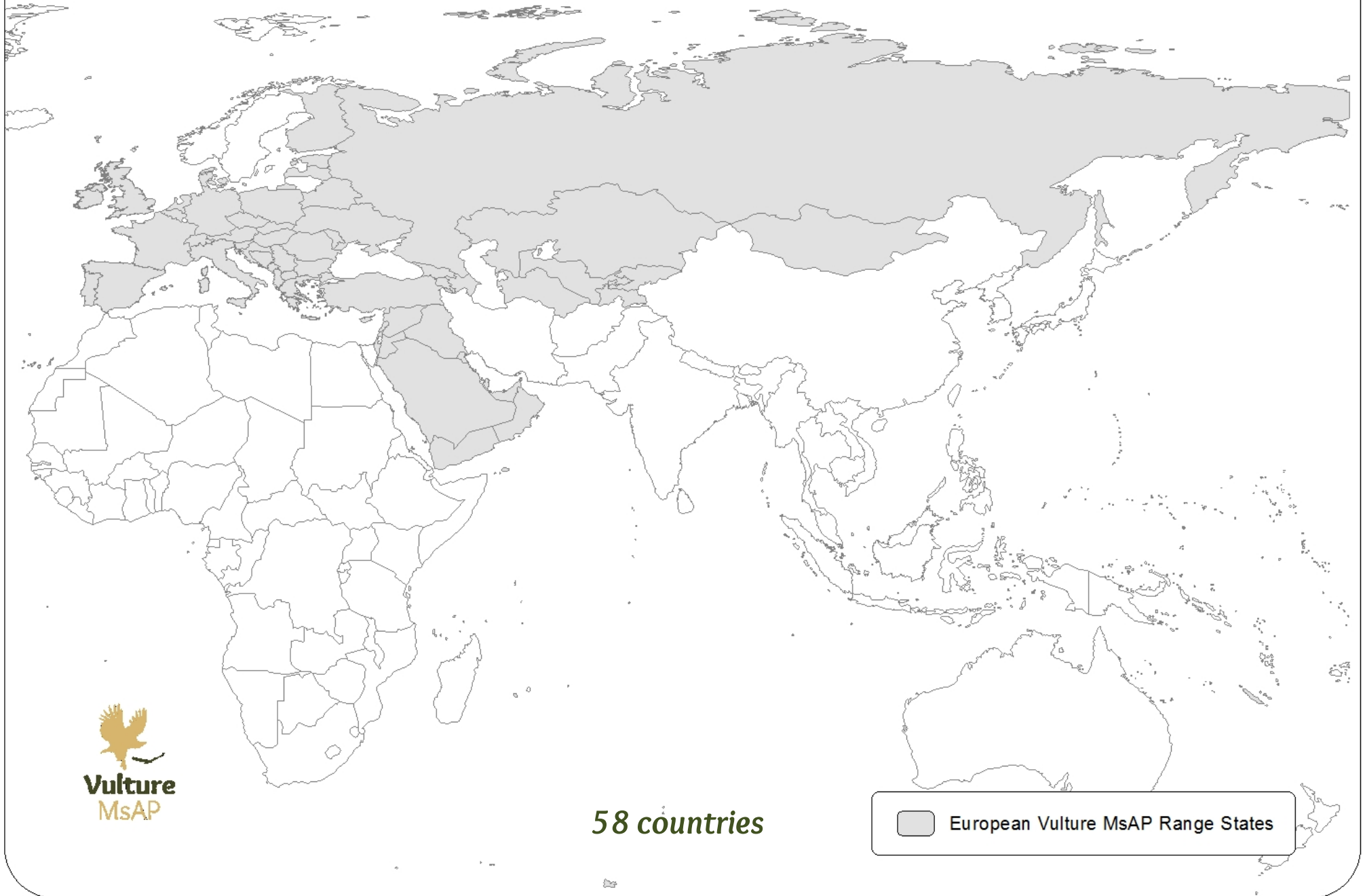
(TORGOS TRACHELIOTOS)

VULTURE STATUS AND THREATS IN THE MIDDLE EAST

(QUESTIONNAIRE RESULTS)

Vulture Multi-species Action Plan

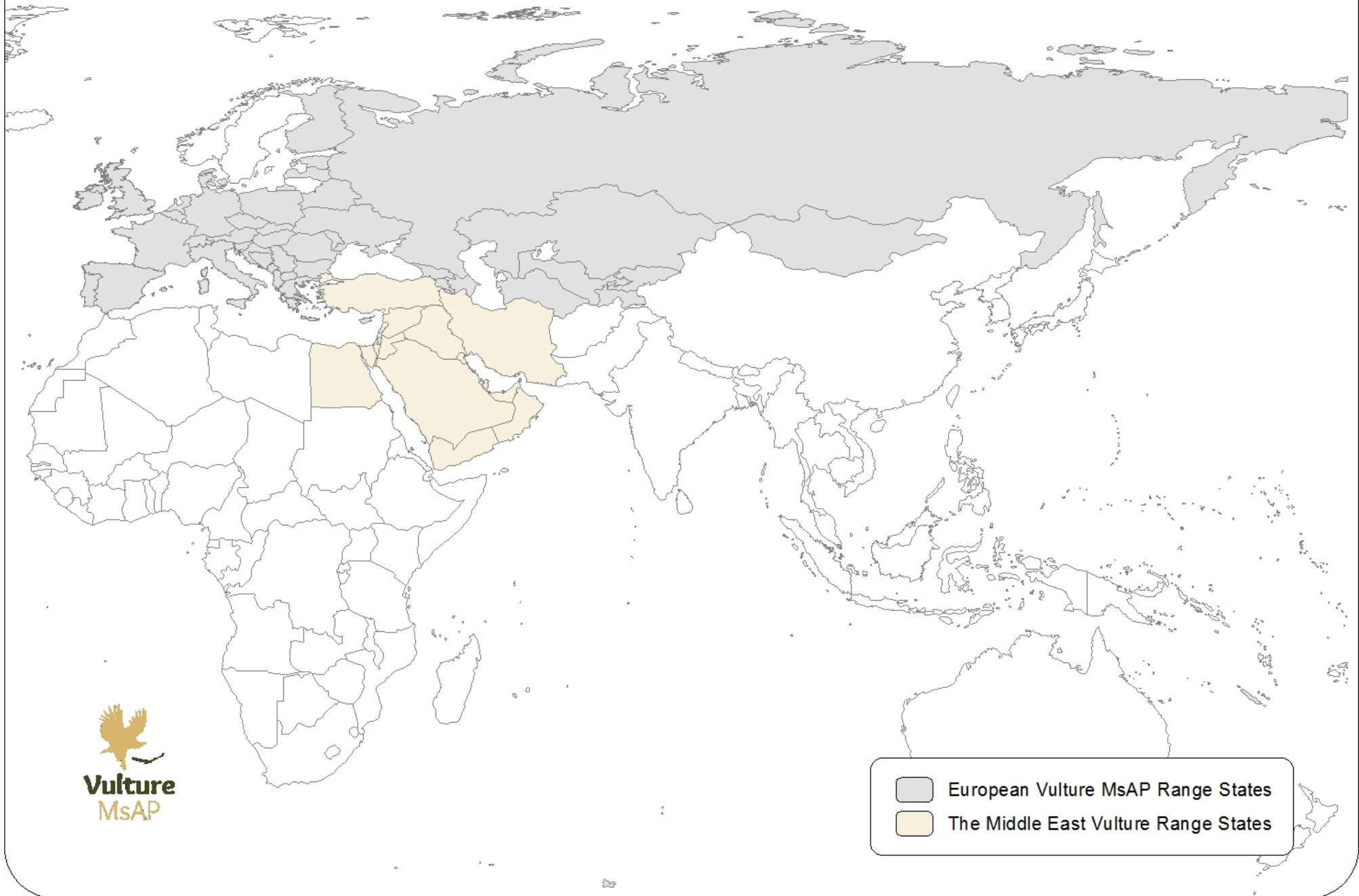
European Vulture MsAP Range States



58 countries

European Vulture MsAP Range States

European Vulture MsAP Range States - Middle East



The Middle East Vulture Range States



 The Middle East Vulture Range States

The Middle East Vulture Range States - questionnaire responses



Legend:

- No data
- Questionnaire responses

STATUS AND BREEDING POPULATION ESTIMATES



BEARDED VULTURE - STATUS AND BREEDING POPULATION ESTIMATES IN THE MIDDLE EAST

Country	Status	Breeding pairs	Q	Year(s) of estimate	Breeding Population trend in the last 10 years	Q
Bahrain	<i>non-breeding</i>					
Egypt	<i>breeding</i>	2-3	M	2015		
Iran	<i>breeding</i>		P			
Iraq	<i>breeding</i>	20	M	2013		
Israel	<i>extinct</i>		G	2016		
Jordan	<i>extinct</i>		M	1995		
Kuwait	<i>non-breeding</i>					
Lebanon	<i>non-breeding</i>					
Oman	<i>non-breeding</i>					
Palestine	<i>extinct</i>		P			
Qatar	<i>non-breeding</i>					
Saudi Arabia	<i>extinct</i>		M	2010		
Syria	<i>extinct</i>		M	2008		
Turkey	<i>breeding</i>	160-200	M	2013	<i>decline</i>	M
UAE	<i>non-breeding</i>					
Yemen	<i>breeding</i>					

data missing

Q – data quality: P – poor; M – medium; G – good

STATUS AND BREEDING POPULATION ESTIMATES



EGYPTIAN VULTURE - STATUS AND BREEDING POPULATION ESTIMATES IN THE MIDDLE EAST

Country	Status	Breeding pairs	Q	Year(s) of estimate	Breeding Population trend in the last 10 years / vagrancy	Q
Bahrain	<i>non-breeding</i>					
Egypt	<i>breeding?</i>				<i>resident / 80-120 in passage</i>	
Iran	<i>breeding</i>	50	P			
Iraq						
Israel	<i>breeding</i>	50-55	G	2016	<i>stable</i>	G
Jordan	<i>possibly breeding</i>		P			
Kuwait	<i>non-breeding</i>				<i>passage</i>	
Lebanon	<i>non-breeding</i>				<i>passage</i>	
Oman	<i>breeding</i>				<i>stable/increasing</i>	
Palestine	<i>breeding</i>					
Qatar						
Saudi Arabia	<i>breeding?</i>		M	2012	<i>large decline</i>	M
Syria	<i>breeding</i>	25	M	2011		
Turkey	<i>breeding</i>	1000-2000	G	2013	<i>decline</i>	G
UAE	<i>possibly breeding</i>	2-5	M	2015		
Yemen (Socotra)	<i>breeding</i>	1900 ind			<i>resident</i>	P

data missing

Q – data quality: P – poor; M – medium; G – good

STATUS AND BREEDING POPULATION ESTIMATES



CINEREOUS VULTURE - STATUS AND BREEDING POPULATION ESTIMATES IN THE MIDDLE EAST

Country	Status	Breeding pairs	Q	Year(s) of estimate	Breeding Population trend in the last 10 years	Q
Bahrain	<i>non-breeding</i>					
Egypt	<i>extinct</i>					
Iran	<i>breeding</i>		<i>P</i>		<i>wintering</i>	
Iraq	<i>non-breeding</i>					
Israel	<i>extinct</i>		<i>G</i>	2016		
Jordan	<i>extinct</i>		<i>P</i>		<i>wintering (4ind)</i>	<i>P</i>
Kuwait	<i>non-breeding</i>					
Lebanon	<i>non-breeding</i>				<i>passage</i>	
Oman	<i>non-breeding</i>					
Palestine	<i>non-breeding</i>					
Qatar	<i>non-breeding</i>					
Saudi Arabia	<i>non-breeding</i>				<i>wintering</i>	
Syria	<i>non-breeding</i>					
Turkey	<i>breeding</i>	80-200	<i>M</i>	2013	<i>decline</i>	<i>M</i>
UAE	<i>non-breeding</i>					
Yemen	<i>breeding</i>		<i>P</i>			

data missing

Q – data quality: P – poor; M – medium; G – good

STATUS AND BREEDING POPULATION ESTIMATES



GRIFFON VULTURE - STATUS AND BREEDING POPULATION ESTIMATES IN THE MIDDLE EAST

Country	Status	Breeding pairs	Q	Year(s) of estimate	Breeding Population trend in the last 10 years	Q
Bahrain	<i>non-breeding</i>					
Egypt	<i>breeding</i>	35-40	M	2010	<i>small decline</i>	M
Iran	<i>possibly breeding</i>		P			
Iraq						
Israel	<i>breeding</i>	42	G	2016	<i>decline</i>	G
Jordan	<i>breeding</i>	8-15	G	2014	<i>stable</i>	G
Kuwait	<i>non-breeding</i>					
Lebanon	<i>non-breeding</i>				<i>passage</i>	M
Oman	<i>non-breeding</i>				<i>passage</i>	M
Palestine	<i>breeding</i>					
Qatar	<i>non-breeding</i>					
Saudi Arabia	<i>breeding</i>	3000	M	2015	<i>large decline</i>	M
Syria						
Turkey	<i>breeding</i>	150-200	P	2013	<i>small decline</i>	P
UAE	<i>non-breeding</i>					
Yemen	<i>breeding</i>					

data missing

Q – data quality: P – poor; M – medium; G – good

STATUS AND BREEDING POPULATION ESTIMATES



LAPPET-FACED VULTURE - STATUS AND BREEDING POPULATION ESTIMATES IN THE MIDDLE EAST

Country	Status	Breeding pairs	Q	Year(s) of estimate	Breeding Population trend in the last 10 years / vagrancy	Q
Bahrain	<i>non-breeding</i>					
Egypt						
Iran	<i>non-breeding</i>					
Iraq	<i>non-breeding</i>					
Israel	<i>extinct</i>					
Jordan	<i>extinct</i>				<i>passage</i>	
Kuwait	<i>non-breeding</i>				<i>passage</i>	
Lebanon	<i>non-breeding</i>					
Oman	<i>breeding</i>	<i>50ind</i>	<i>M</i>		<i>30-40% decline</i>	<i>P</i>
Palestine	<i>non-breeding</i>					
Qatar						
Saudi Arabia	<i>breeding</i>	<i>500ind</i>	<i>G</i>		<i>stable/ 10-20% decline</i>	<i>P</i>
Syria	<i>extinct?</i>					
Turkey	<i>non-breeding</i>					
UAE	<i>breeding</i>	<i>2-5ind</i>	<i>M</i>			
Yemen	<i>breeding</i>	<i>40-45ind</i>	<i>M</i>			

data missing

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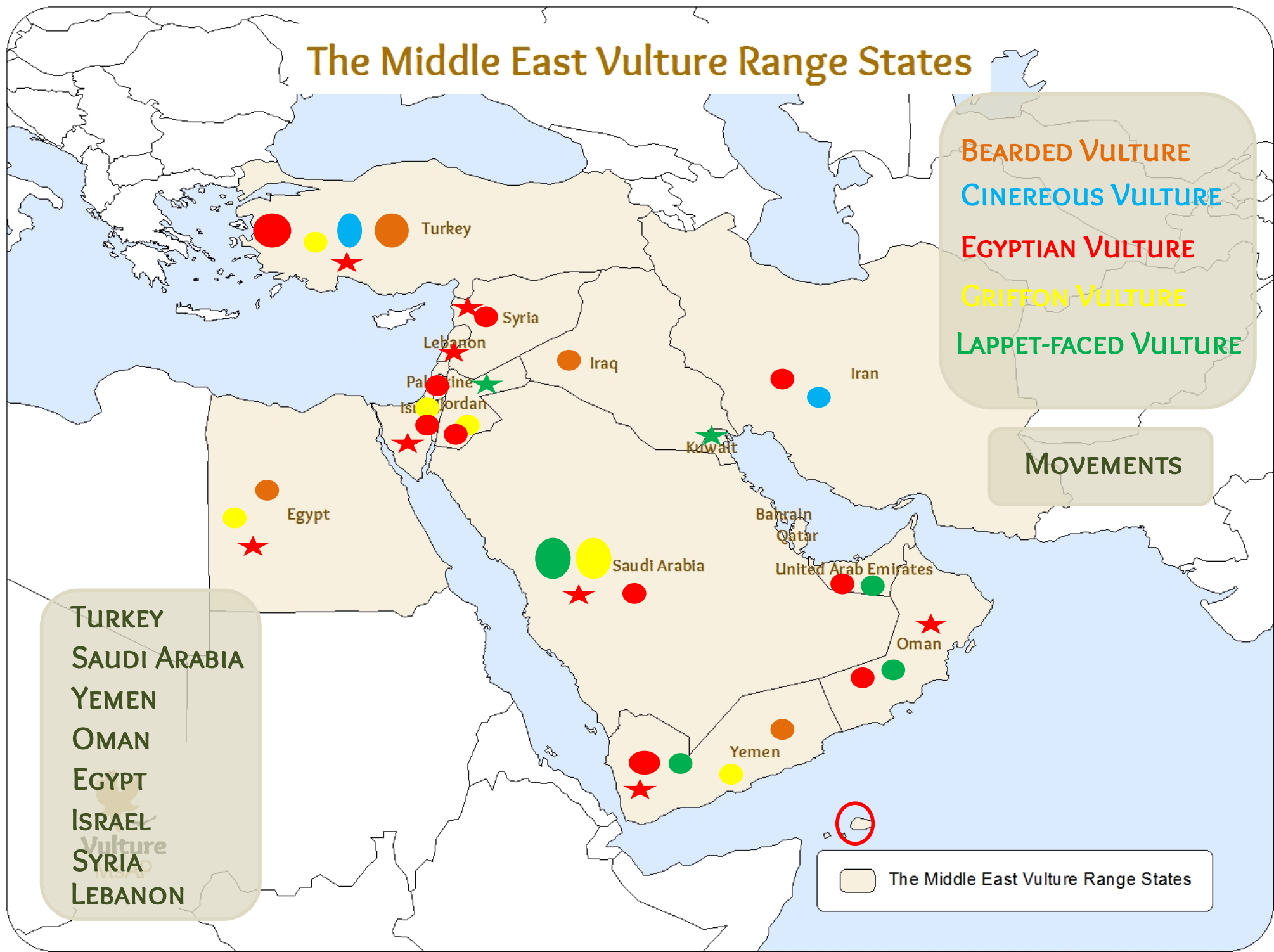
The Middle East Vulture Range States

- BEARDED VULTURE
- CINEREOUS VULTURE
- EGYPTIAN VULTURE
- GRIFFON VULTURE
- LAPPET-FACED VULTURE

MOVEMENTS

- TURKEY
- SAUDI ARABIA
- YEMEN
- OMAN
- EGYPT
- ISRAEL
- SYRIA
- LEBANON

 The Middle East Vulture Range States



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



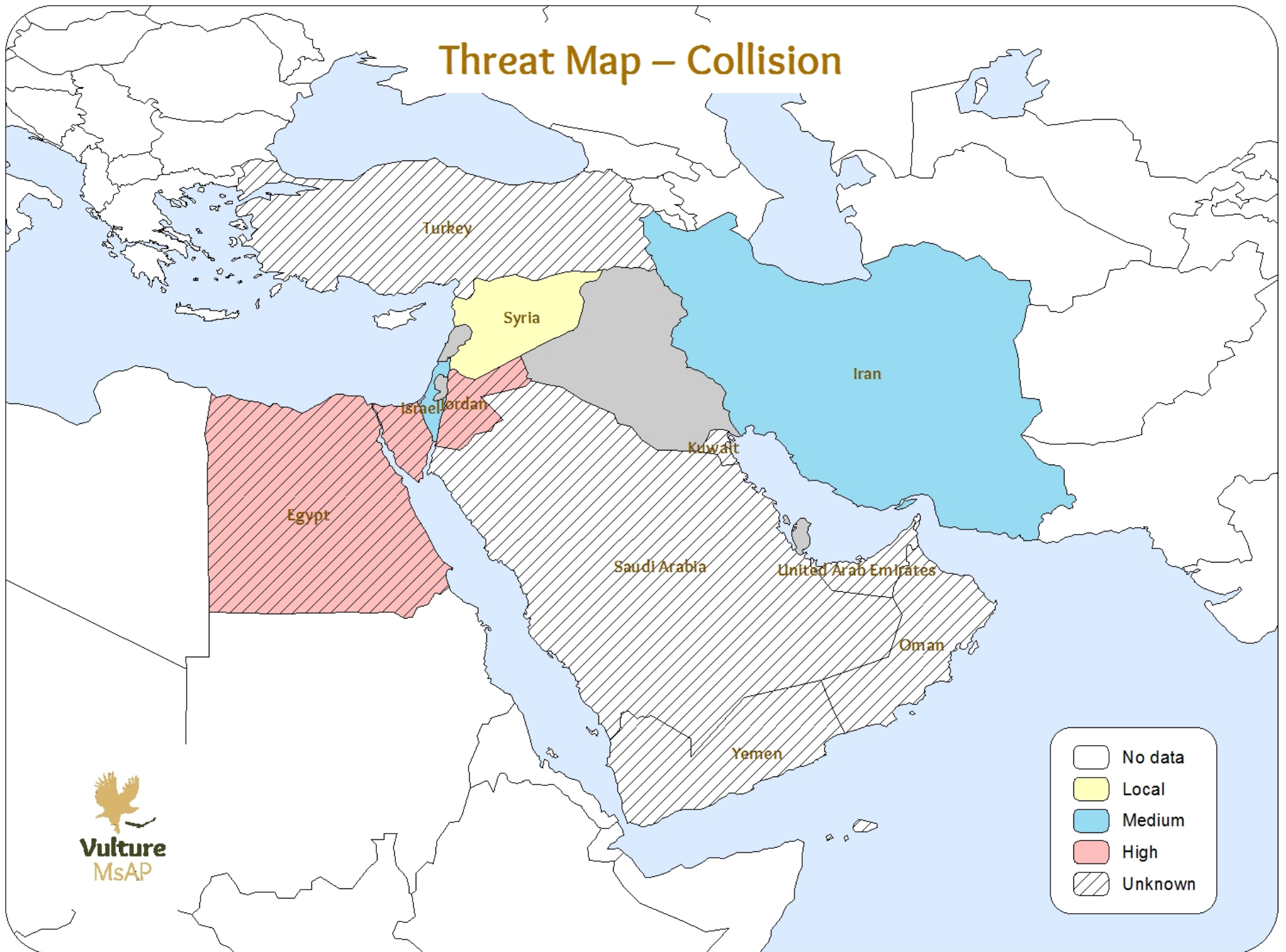
Other threats

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

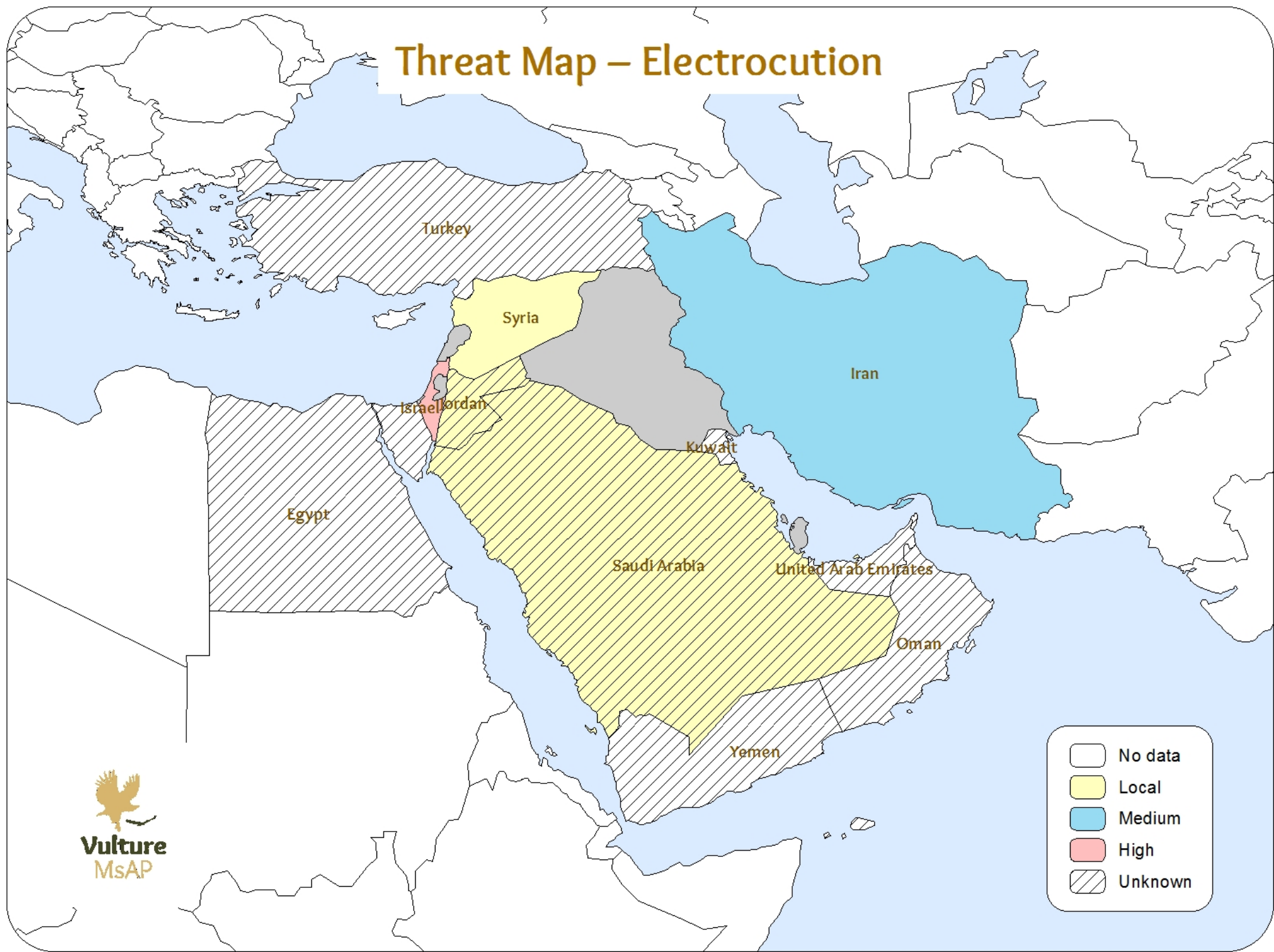
Threat Map – Poisoning



Threat Map – Collision



Threat Map – Electrocution



Threat Map - Lack of Food



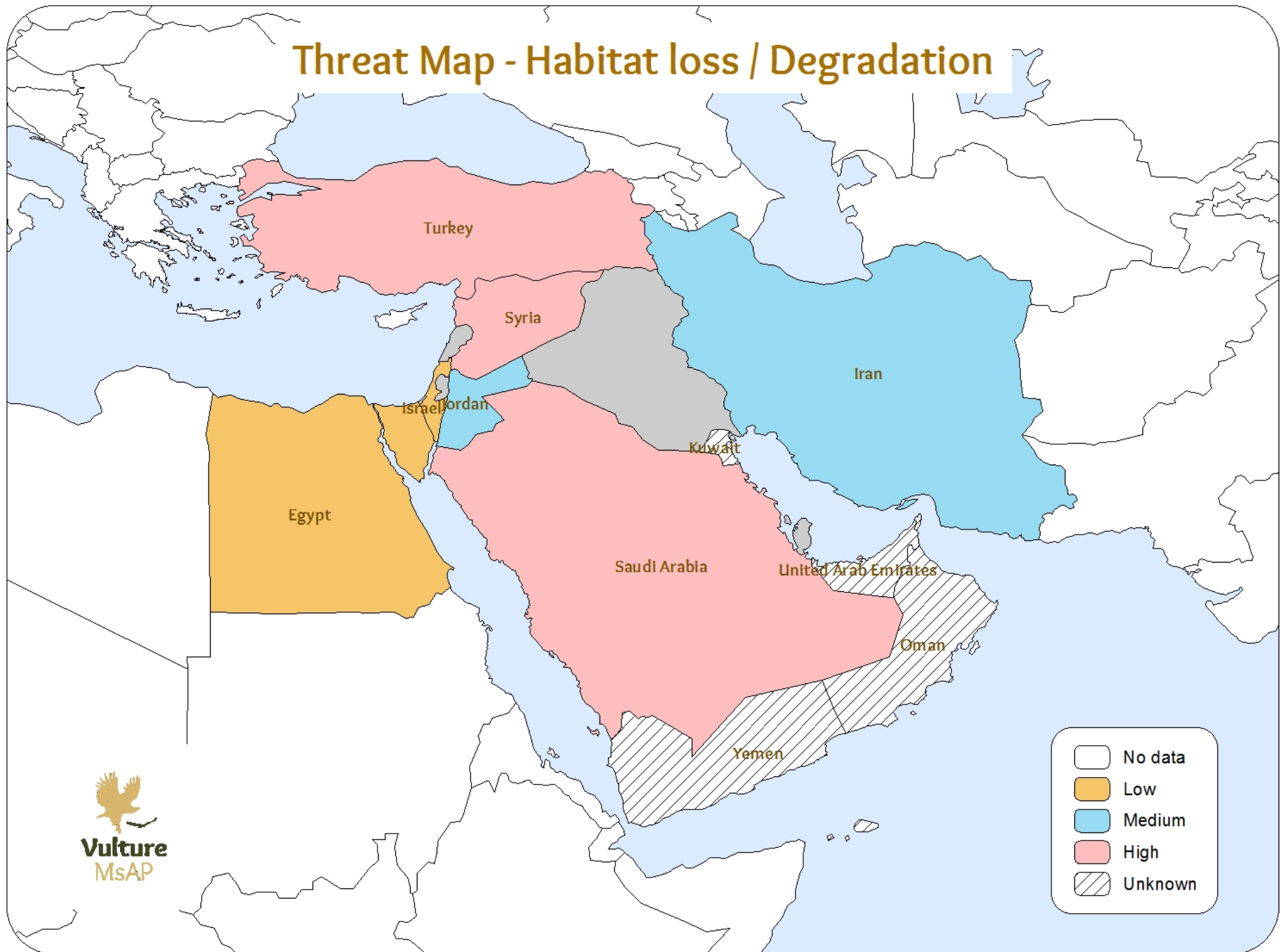
Threat Map - Hunting / Poaching



Threat Map - Disturbance



Threat Map - Habitat loss / Degradation



PRIORITY THREATS

- **POISONING**
- **LACK OF FOOD**
- **DISTURBANCE**
- **HABITAT LOSS**
- **COLLISION**
- **POACHING**
- **ELECTROCUTION**
- **OTHER THREATS...**

THANK YOU FOR THE QUESTIONNAIRE RESPONSE

Country	Name and surname	Organization
Egypt	Mohmaed Ibrahim Habib	<i>Red Sea Association for environment and water sports</i>
	Osama El-Gebaly	<i>EEAA / MSB project</i>
Iran	Alireza Hashemi	<i>Tarlan Ornithological Society</i>
Israel	Ohad Hatzofe	<i>Nature and Parks Authority, Israel</i>
Jordan	Tareq Emad Qaneer	<i>The Royal Society for the Conservatio of Nature</i>
	Laith El-Moghrabi	<i>ECOConsult</i>
Saudi Arabia	Mohammed Shobrak	<i>Taif University</i>
Syrian Arab Republic	Ahmad Aidek	<i>Ministry of Local Administration and Environment</i>
Turkey	Itri Levent Erkol	<i>Doğa Derneği (BirdLife Turkey)</i>
	Elif Yamaç	<i>Anadolu University</i>
	Ilker Ozbahar	<i>Nature Research Society</i>
United Arab Emirates	Salim Javed	<i>Environmen Agency-Abu Dhabi</i>
	Shakeel Ahmed	<i>Environment Agency - Abu Dhabi</i>

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