

S1 Appendix. Atlas of the terrestrial reptiles of the United Arab Emirates

Appendix showing photographs, distribution and ecology of all the 60 species of terrestrial reptiles of the United Arab Emirates included in the present study and the species' potential distribution inferred with species distribution models (SDMs).

**A HIGH-RESOLUTION VERSION OF THIS APPENDIX CAN BE
DOWNLOADED FROM THE FOLLOWING WEB ADDRESS**

<http://purl.org/carranza/data>

Supplementary information



INDEX

S1 APPENDIX: ATLAS OF THE TERRESTRIAL REPTILES OF THE UAE.....	7
S1-S60: SPECIES INFORMATION	8
LIZARDS	9
AGAMIDS	9
Agamidae	9
<i>Phrynocephalus arabicus</i>	9
<i>Phrynocephalus maculatus</i>	10
<i>Pseudotrapelus jensvindumi</i>	11
<i>Trapelus flavimaculatus</i>	12
<i>Uromastyx aegyptia leptieni</i>	13
<i>Uromastyx aegyptia microlepis</i>	14
GECKOS	15
Gekkonidae	15
<i>Bunopus tuberculatus</i>	15
<i>Cyrtopodion scabrum</i>	16
<i>Hemidactylus flaviviridis</i>	17
<i>Hemidactylus persicus</i>	18
<i>Hemidactylus robustus</i>	19
<i>Pseudoceramodactylus khobarensis</i>	20
<i>Stenodactylus arabicus</i>	21
<i>Stenodactylus doriae</i>	22
<i>Stenodactylus leptosymbotes</i>	23
<i>Stenodactylus slevini</i>	24
<i>Trachydactylus hajarensis</i>	25
Phyllodactylidae	26
<i>Asaccus caudivolvulus</i>	26
<i>Asaccus gallagheri</i>	27
<i>Asaccus gardneri</i>	28
<i>Asaccus margaritae</i>	29
<i>Ptyodactylus orlovi</i>	30
<i>Ptyodactylus ruusaljibalicus</i>	31
Sphaerodactylidae	32
<i>Pristurus carteri</i>	33
<i>Pristurus celerrimus</i>	33
<i>Pristurus minimus</i>	34
<i>Pristurus rupestris</i> -sp.3	35
<i>Teratoscincus keyserlingii</i>	36
LACERTIDS	37
Lacertidae	37
<i>Acanthodactylus blanfordii</i>	37
<i>Acanthodactylus boskianus asper</i>	38
<i>Acanthodactylus gongrorhynchatus</i>	39
<i>Acanthodactylus haasi</i>	40
<i>Acanthodactylus opheodurus</i>	41
<i>Acanthodactylus schmidti</i>	42
<i>Mesalina adramitana</i>	43
<i>Mesalina brevirostris</i>	44
<i>Omanosaura cyanura</i>	45
<i>Omanosaura jayakari</i>	46

SKINKS	47
Scincidae.....	47
<i>Ablepharus pannonicus</i>	47
<i>Chalcides ocellatus ocellatus</i>	48
<i>Heremites septemtaeniatus</i>	49
<i>Scincus mitratus</i>	50
<i>Scincus scincus conirostris</i>	51
<i>Trachylepis tessellata</i>	52
AMPHISBAENIDS	53
Trogonophidae	53
<i>Diplometopon zarudnyi</i>	53
VARANIDS	54
Varanidae	54
<i>Varanus griseus griseus</i>	54
SNAKES	55
Boidae	55
<i>Eryx jayakari</i>	55
Colubridae	56
<i>Lytorhynchus diadema diadema</i>	56
<i>Platyceps rhodorachis rhodorachis</i>	57
<i>Platiceps ventromaculatus</i>	58
<i>Spalerosophis diadema cliffordii</i>	59
<i>Telescopus dhara dhara</i>	60
Lamprophiidae.....	61
<i>Psammophis schokari</i>	61
<i>Rhagerhis moilensis</i>	62
Leptotyphlopidae	63
<i>Myriopholis macrorhyncha</i>	63
Typhlopidae	64
<i>Indotyphlops braminus</i>	64
Viperidae	65
<i>Cerastes gasperettii gasperettii</i>	65
<i>Echis carinatus sochureki</i>	66
<i>Echis omanensis</i>	67
<i>Pseudocerastes persicus</i>	68
S61-S80: SPECIES DISTRIBUTION MODELS	69

AUTHORS OF THE PHOTOGRAPHS

Authors list of photograph with the appendix code for each photo, and specie's photos between contents.

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Van Andel, Priscilla (1): S31.

Supplementary information cover page: *Asaccus caudivolvulus* (Els, Johannes)

Pg 7: *Pseudocerastes persicus* (Els, Johannes)



S1 Appendix: Atlas of the terrestrial reptiles of the UAE

S1- S60: Species information

There is a separate plate for each of the 60 species of terrestrial reptiles of the UAE. Each plate contains the species name, the authority (except undescribed species) and the following items:

A) Distribution map with observations (red dots) at a scale of 10 arc-minutes (~18 km).

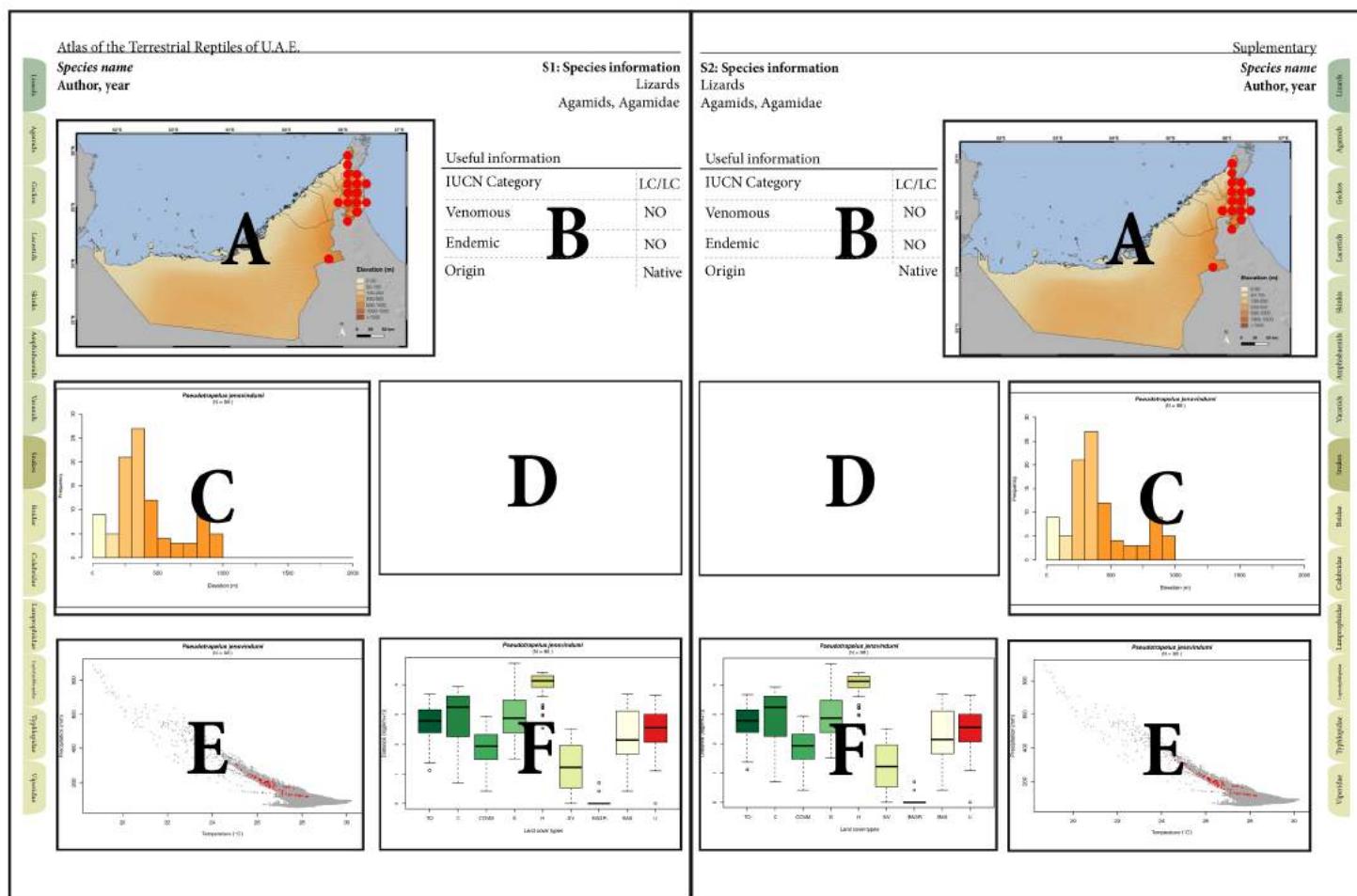
B) Table containing the IUCN global/regional conservation category and explaining if the species is venomous, endemic or native of the UAE country. A species is considered introduced if the introduction happened after 1,500 AD.

C) Histogram of the elevation frequency of the species with 100 m intervals.

D) Picture of the species

E) Two-dimensional climatic space of UAE (grey dots) characterized by total annual precipitation (BIO12) and mean annual temperature (BIO1). Red dots represent species distribution.

F) Boxplot of Land Cover distances. TO (Tree Open); C (Cropland); COVM (Cropland/Other Vegetation Mosaic); S (Shrub); H (Herbaceous); SV(Sparse Vegetation); BAGR (Bare Areas Gravel Rock); BAS (Bare Areas Sand); U (Urban). The top of the rectangle indicates the third quartile, a horizontal line near the middle of the rectangle indicates median, and the bottom of the rectangle indicates the first quartile. The vertical line extending from top of the rectangle indicates the maximum value, and another vertical line extending from the bottom of the rectangle indicates the minimum value. Empty circles represent outliers.



S1: Species information

Lizards

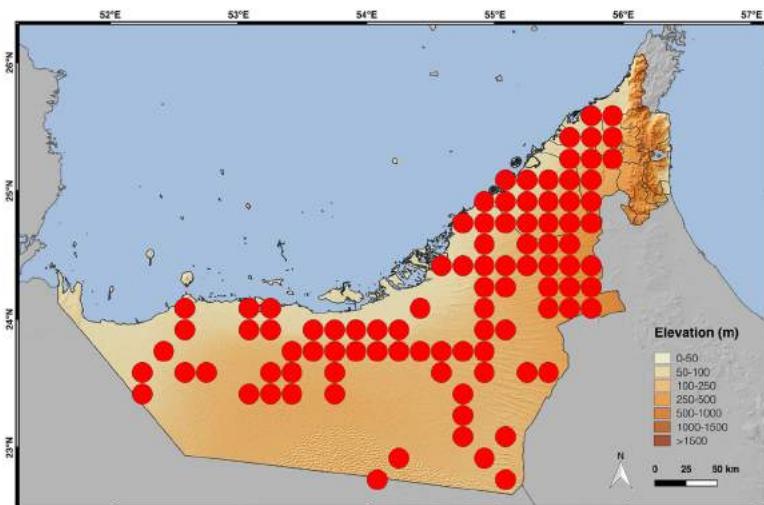
Agamids, Agamidae

B

Useful information

IUCN Category	LC/LC
Venomous	NO
Endemic	NO
Origin	Native

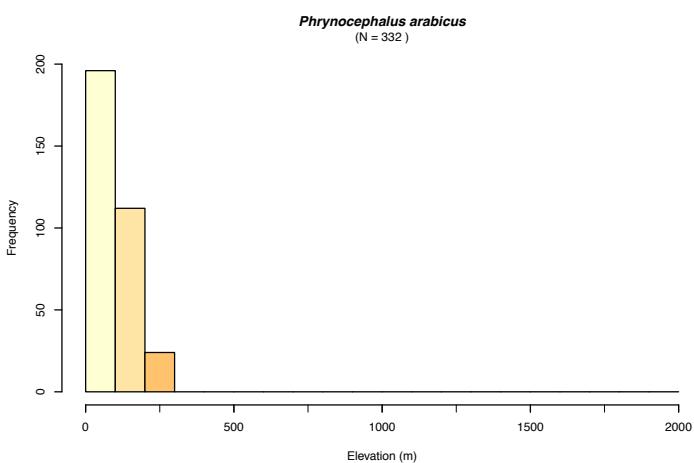
A



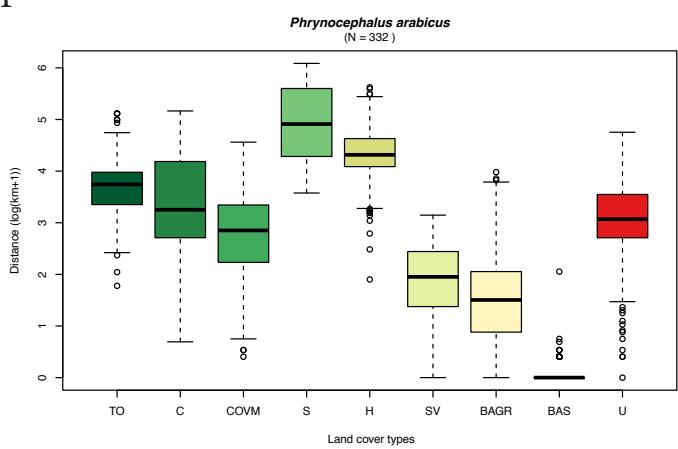
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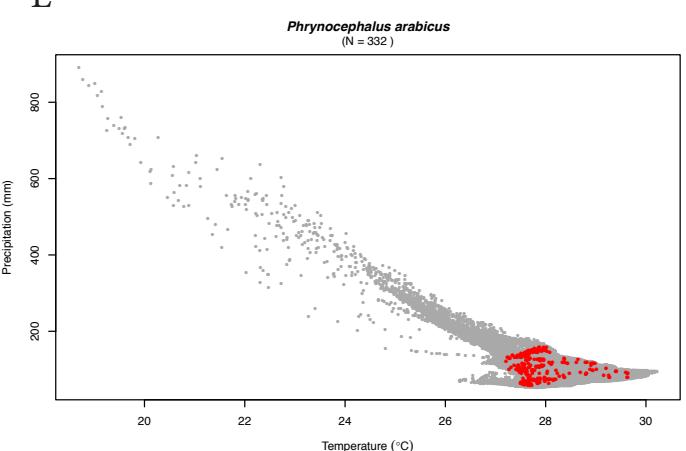
C



F



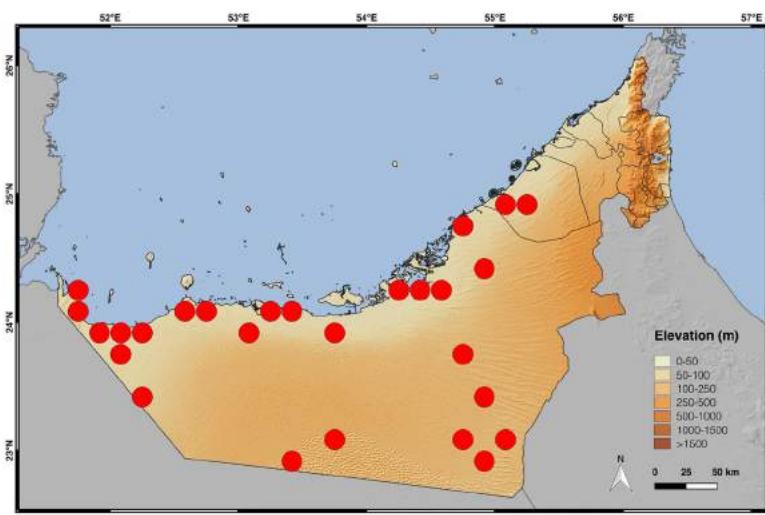
E



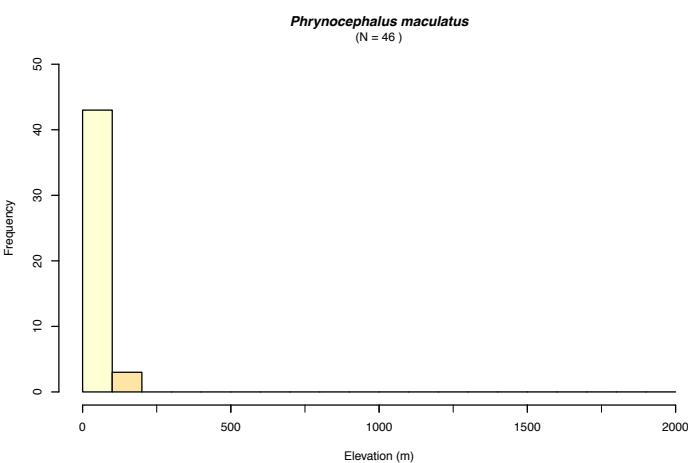
Phrynocephalus maculatus

Anderson, 1872

A



C



B

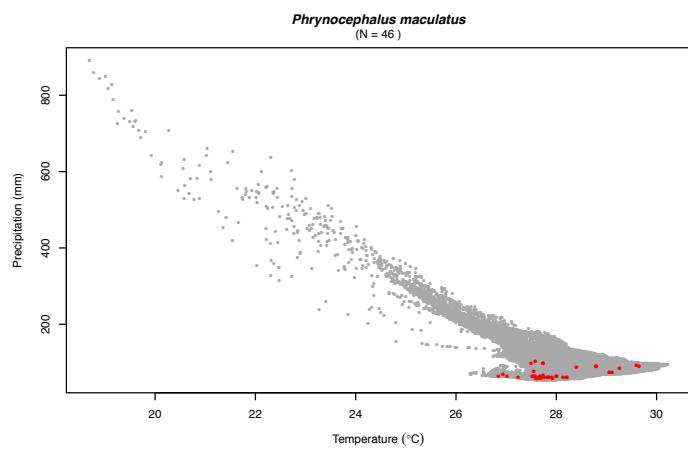
Useful information

IUCN Category	LC/LC
Venomous	NO
Endemic	NO
Origin	Native

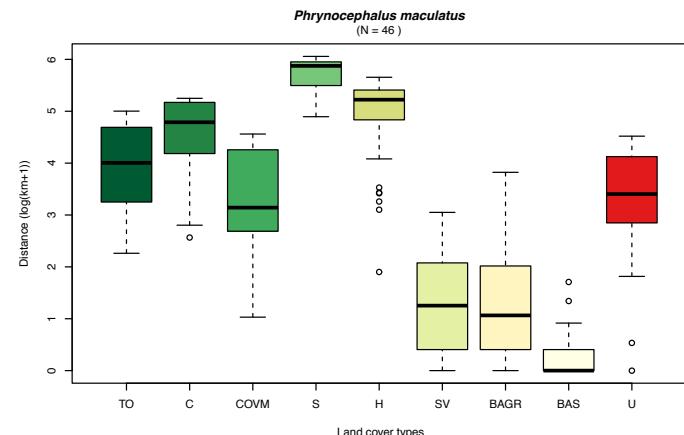
D



E



F



S3: Species information

Lizards

Agamids, Agamidae

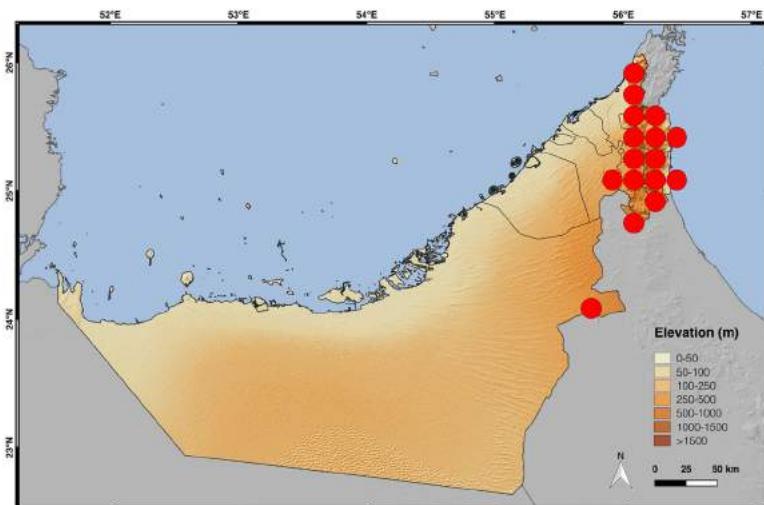
Pseudotrapelus jensvindumi
Melnikov, Ananjeva & Papenfuss, 2013

B

Useful information

IUCN Category	LC/LC
Venomous	NO
Endemic	NO
Origin	Native

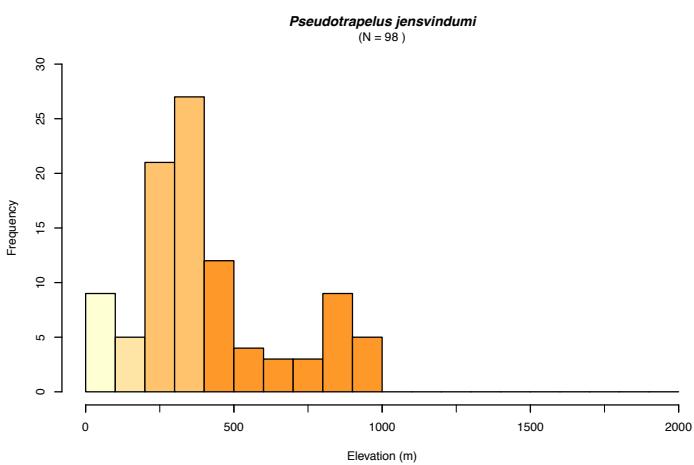
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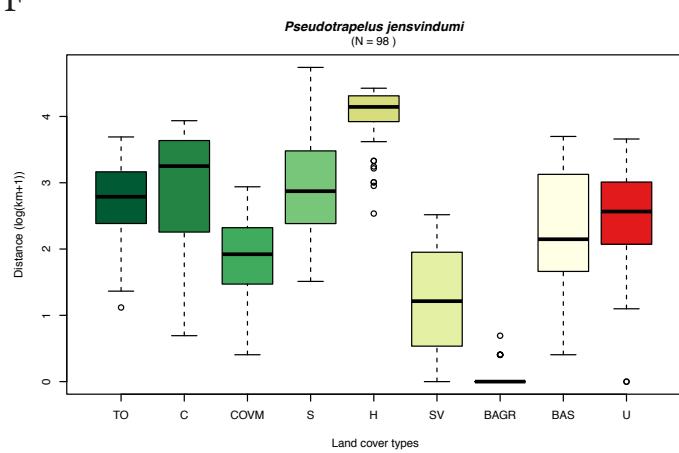
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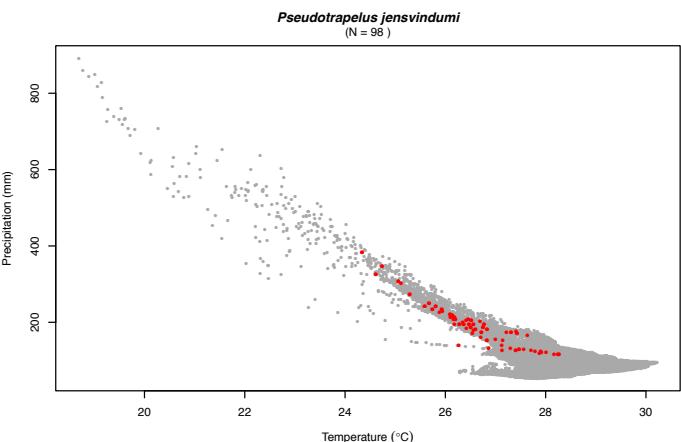
C



F



E

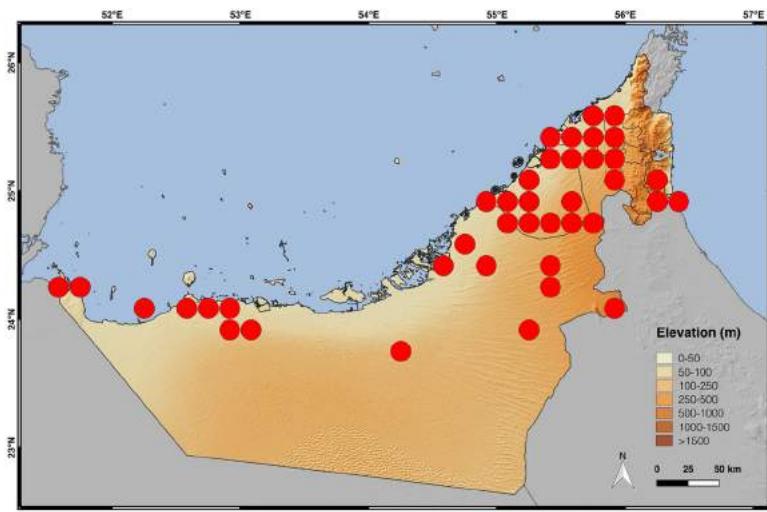


- Lizards
- Agamids
- Geckos
- Lacertids
- Skinks
- Amphisbaenids
- Varanids
- Snakes
- Boidae
- Colubridae
- Lamprophiidae
- Leptophiidae
- Typhlopidae
- Viperidae

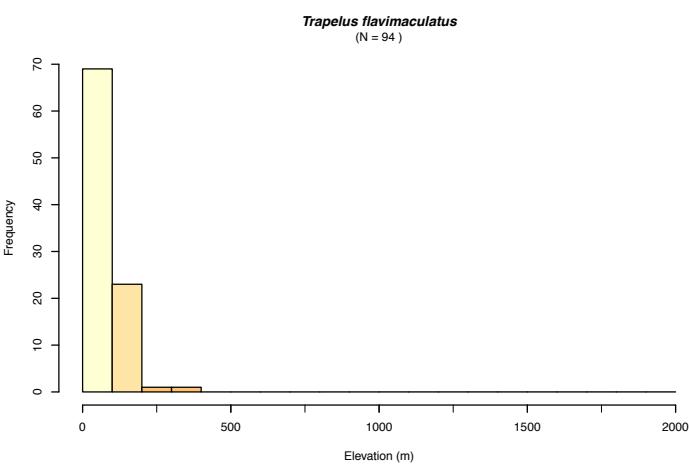
Trapelus flavimaculatus

Rüppell, 1835

A



C



B

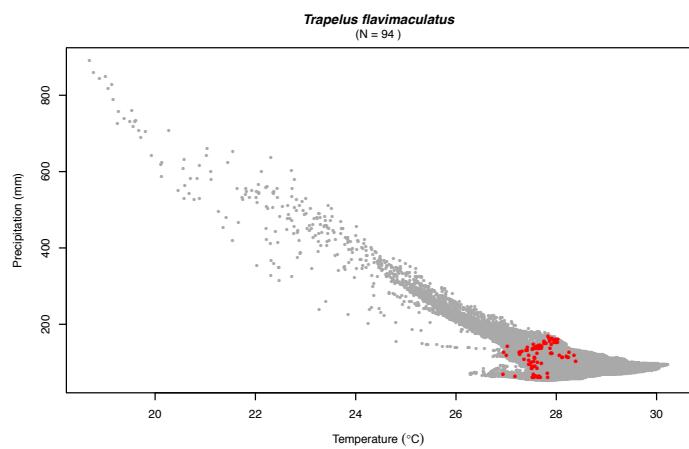
Useful information

IUCN Category	LC/LC
Venomous	NO
Endemic	NO
Origin	Native

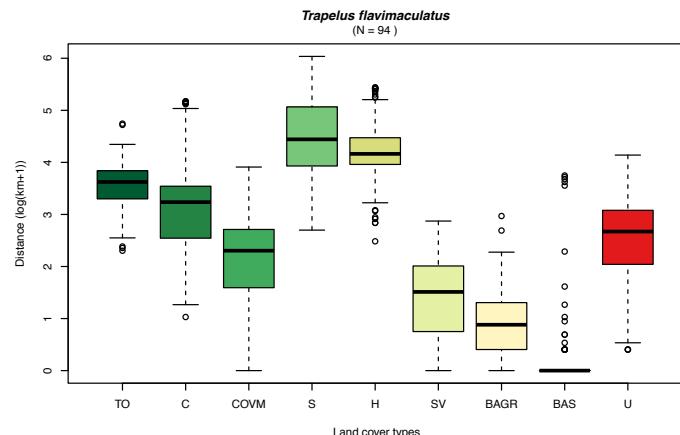
D



E



F



Lizards

Agamids

Geckos

Lacertids

Skinks

Amphisbaenids

Varanids

Snakes

Boidae

Colubridae

Lamprophiidae

Leptotyphlopidae

Typhlopidae

Viperidae

S5: Species information

Lizards

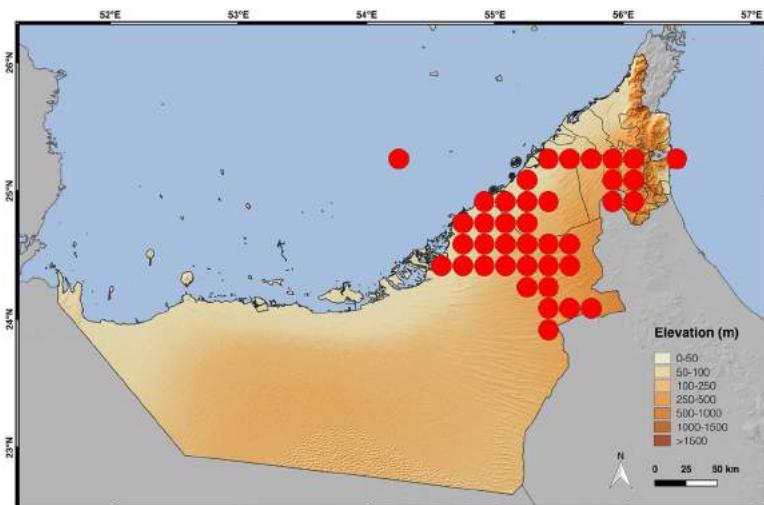
Agamids, Agamidae

B

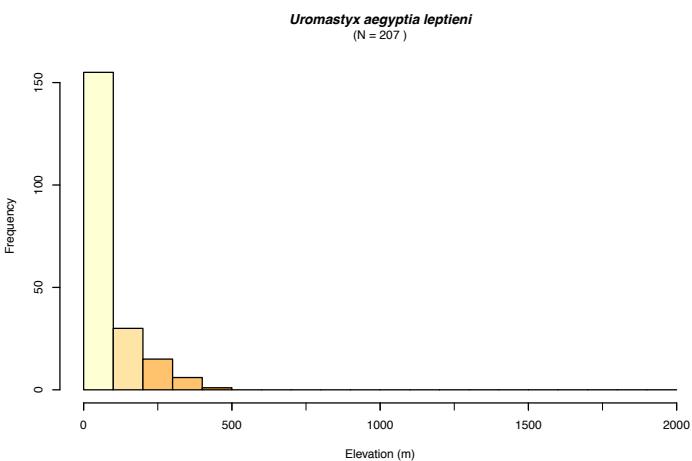
Useful information

IUCN Category	VU/VU
Venomous	NO
Endemic	NO
Origin	Native

A



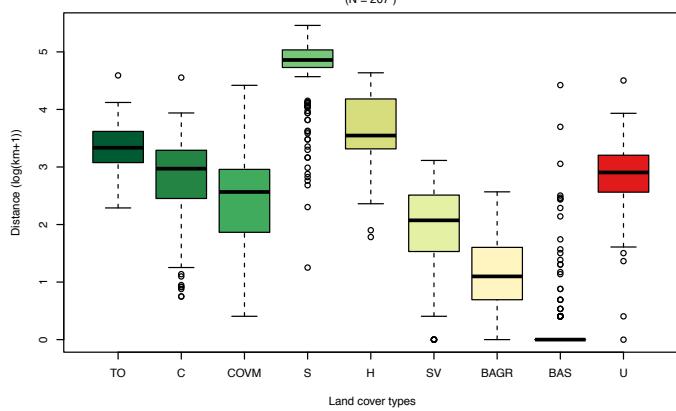
C



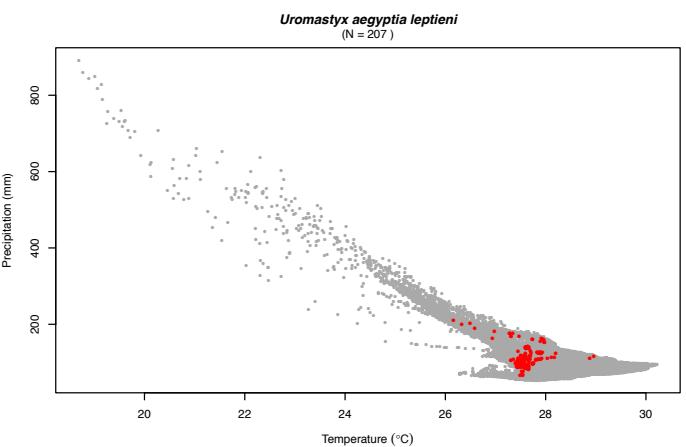
D



F

Uromastyx aegyptia leptieni
(N = 207)

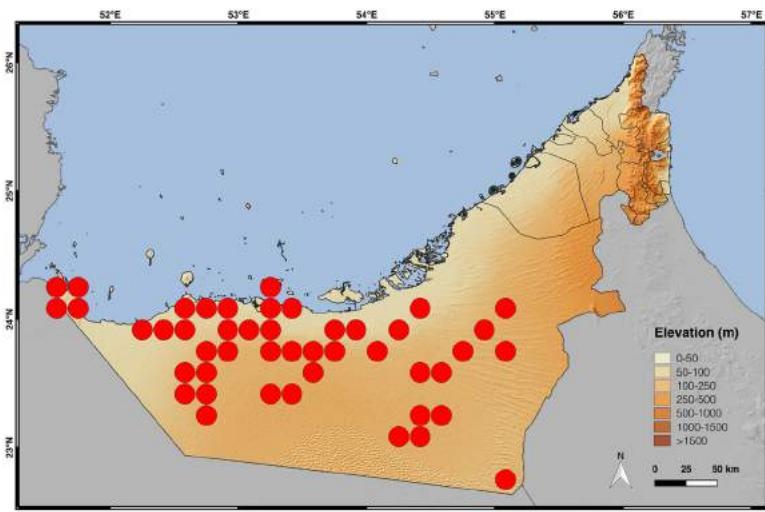
E

Lizards
Agamids
GeckosSkinks
Amphisbaenids
VaranidsSnakes
BoidaeColubridae
Lamprophiidae
Leptophiidae
Typhlopidae
Viperidae

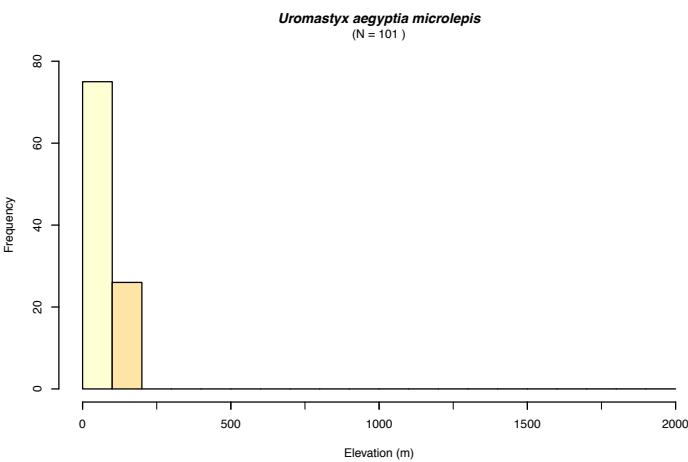
Uromastyx aegyptia microlepis

Arnold, 1980

A



C



B

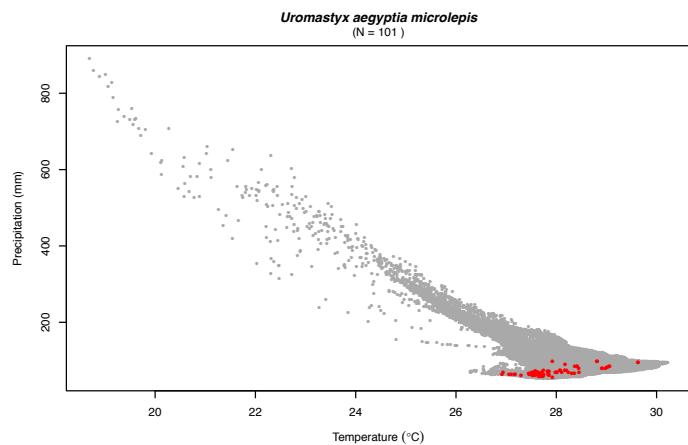
Useful information

IUCN Category	VU/VU
Venomous	NO
Endemic	NO
Origin	Native

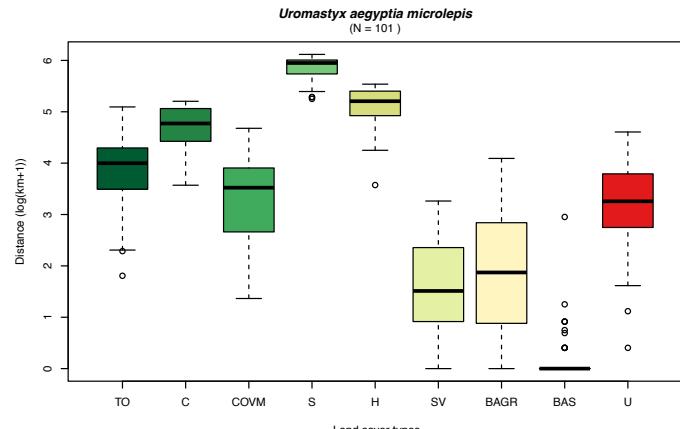
D



E



F



Lizards

Agamids

Geckos

Lacertids

Skinks

Amphisbaenids

Varanids

Snakes

Boidae

Colubridae

Lamprophiidae

Leptotyphlopidae

Typhlopidae

Viperidae

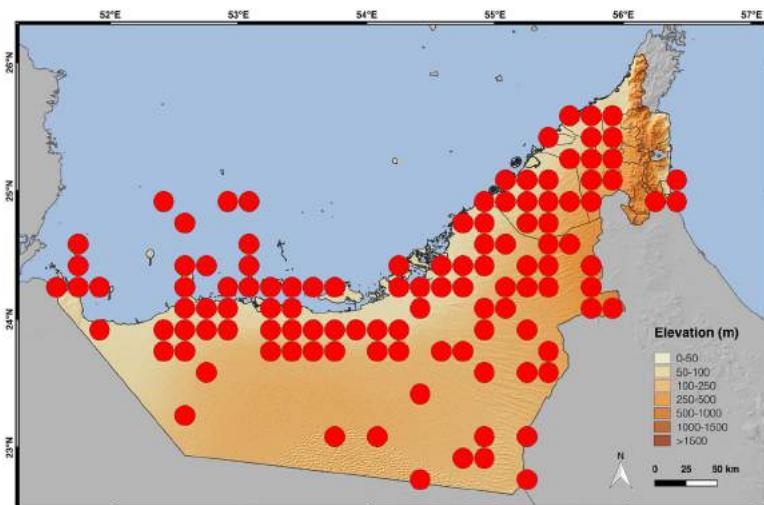
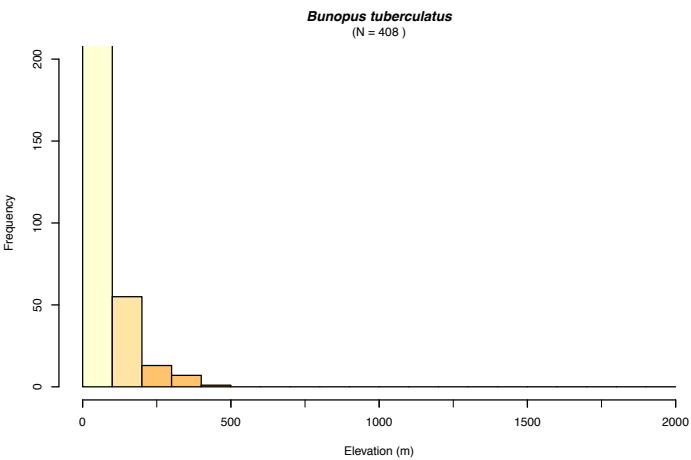
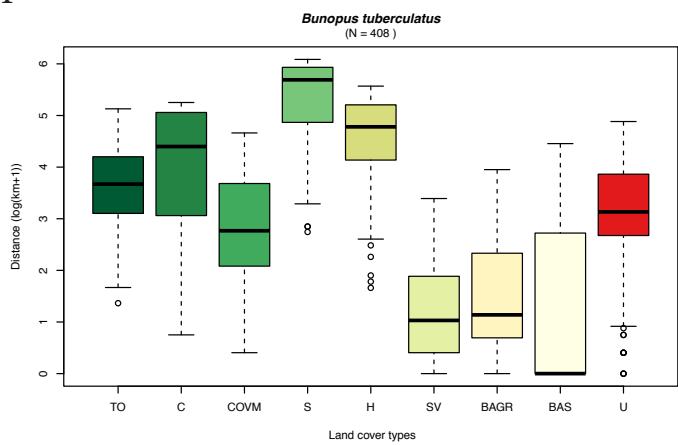
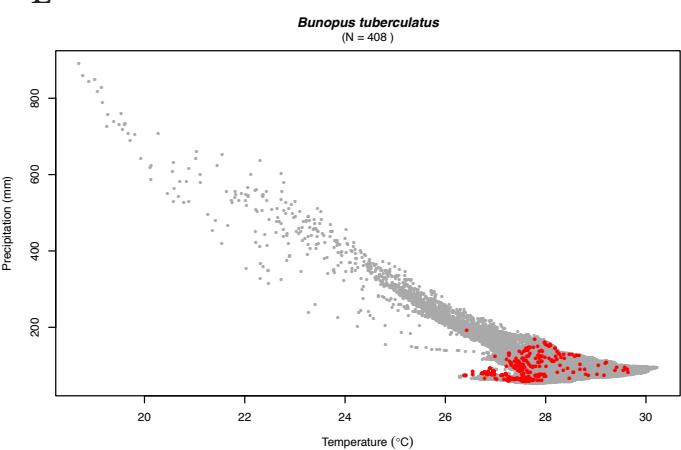
S7: Species information

Lizards

Geckos, Gekkonidae

B**Useful information**

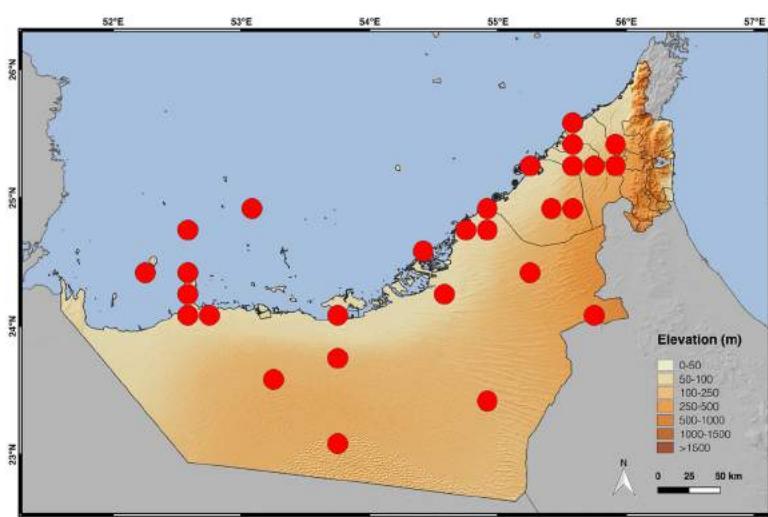
IUCN Category	LC/LC
Venomous	NO
Endemic	NO
Origin	Native

A**D****C****F****E**

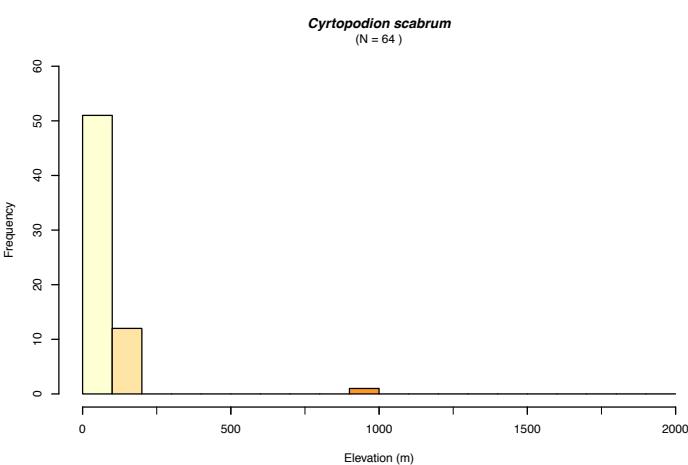
Cyrtopodion scabrum

(Heyden, 1827)

A



C



B

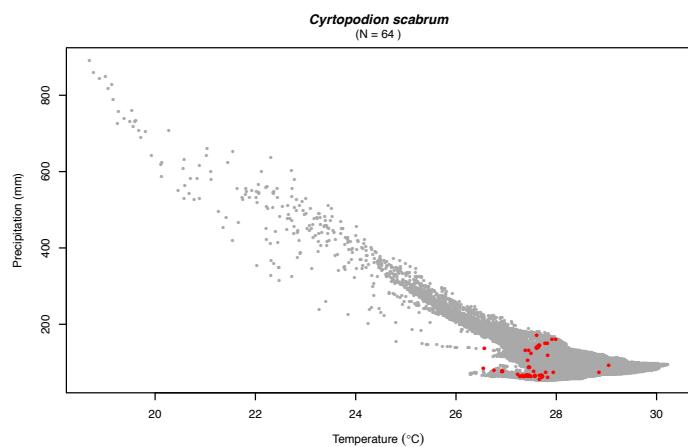
Useful information

IUCN Category	LC/LC
Venomous	NO
Endemic	NO
Origin	Native

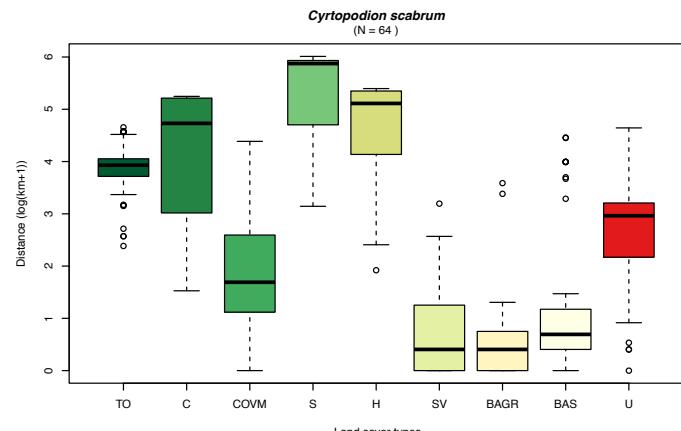
D



E



F



Lizards

Agamids

Geckos

Lacertids

Skinks

Amphisbaenids

Varanids

Snakes

Boidae

Colubridae

Lamprophiidae

Leptophlopidae

Typhlopidae

Viperidae

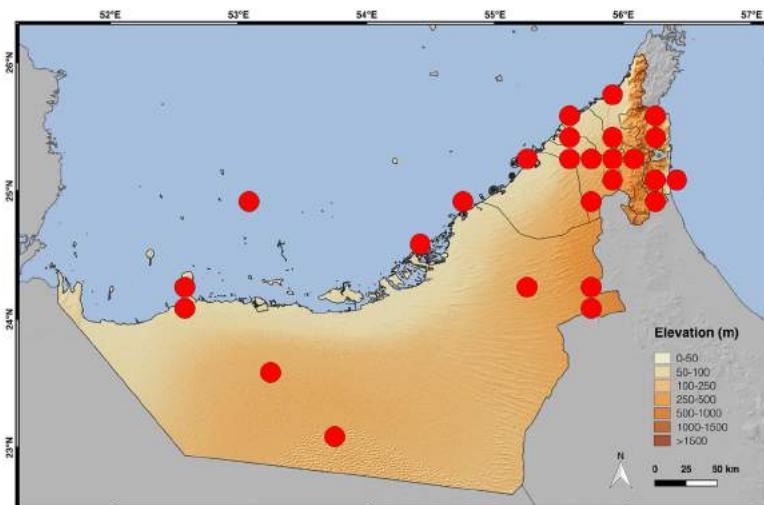
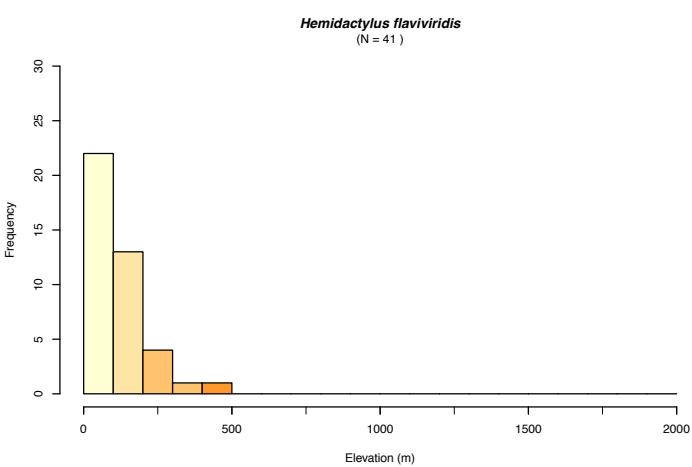
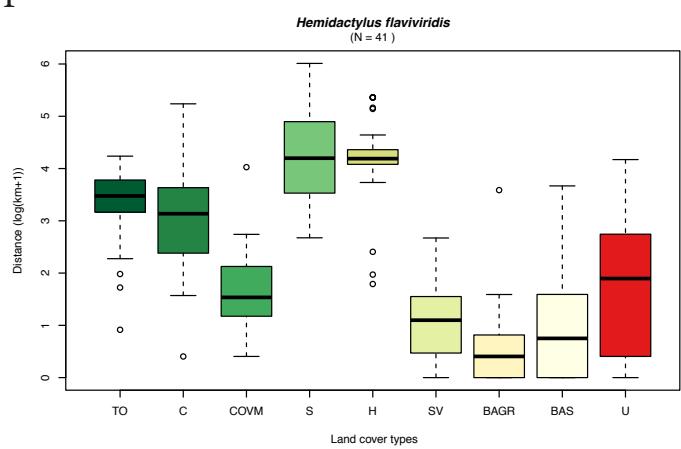
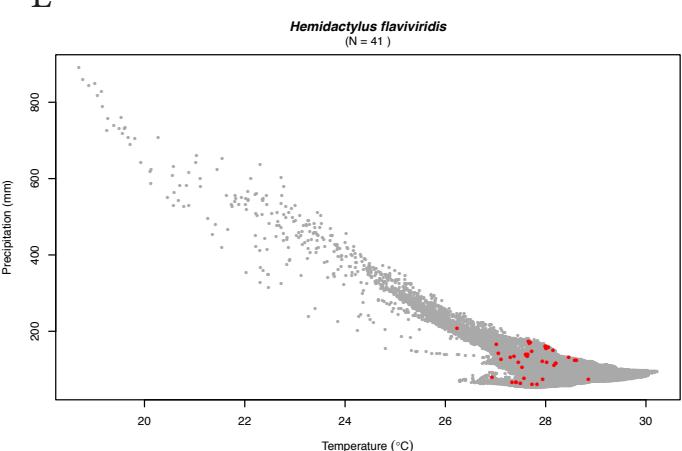
S9: Species information

Lizards

Geckos, Gekkonidae

B**Useful information**

IUCN Category	LC/NA
Venomous	NO
Endemic	NO
Origin	Introduced

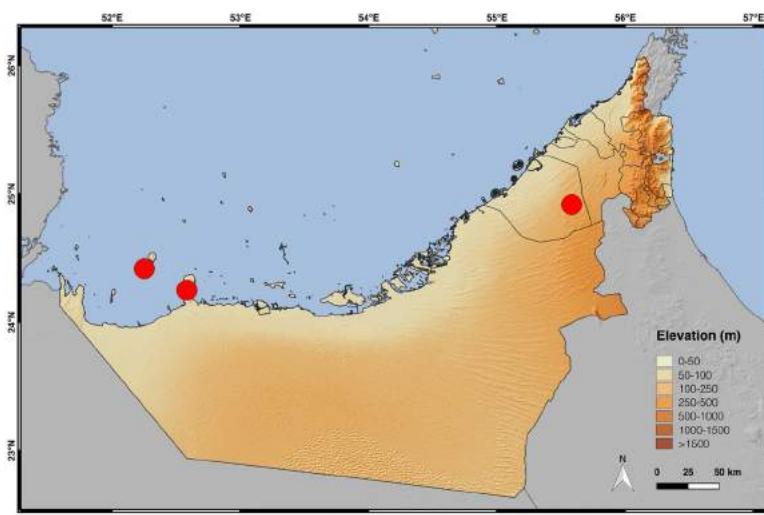
A**D****C****F****E**

- Lizards
- Agamids
- Geckos
- Lacertids
- Skinks
- Amphisbaenids
- Varanids
- Snakes
- Boidae
- Colubridae
- Lamprophiidae
- Leptophiidae
- Typhlopidae
- Viperidae

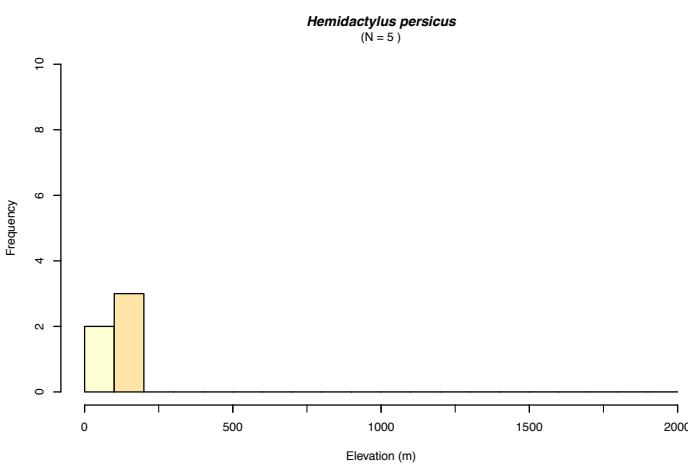
Hemidactylus persicus

Anderson, 1872

A



C



B

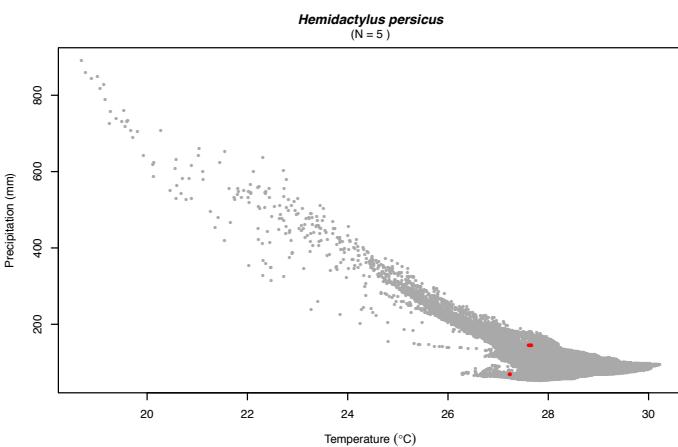
Useful information

IUCN Category	LC/VU
Venomous	NO
Endemic	NO
Origin	Native

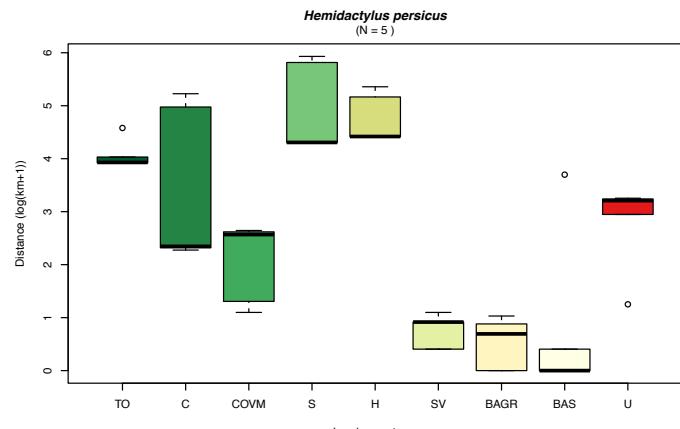
D



E



F



Lizards

Agamids

Geckos

Lacertids

Skinks

Amphisbaenids

Varanids

Snakes

Boidae

Colubridae

Lamprophiidae

Leptotyphlopidae

Typhlopidae

Viperidae

S11: Species information

Lizards

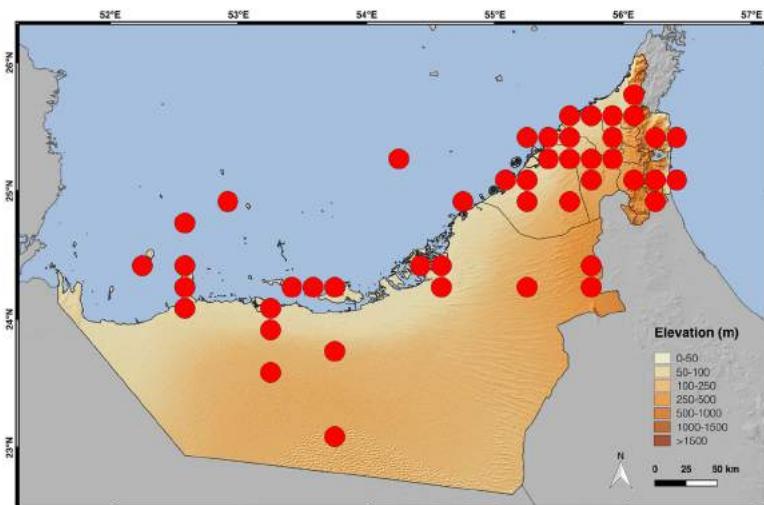
Geckos, Gekkonidae

B

Useful information

IUCN Category	LC/LC
Venomous	NO
Endemic	NO
Origin	Native

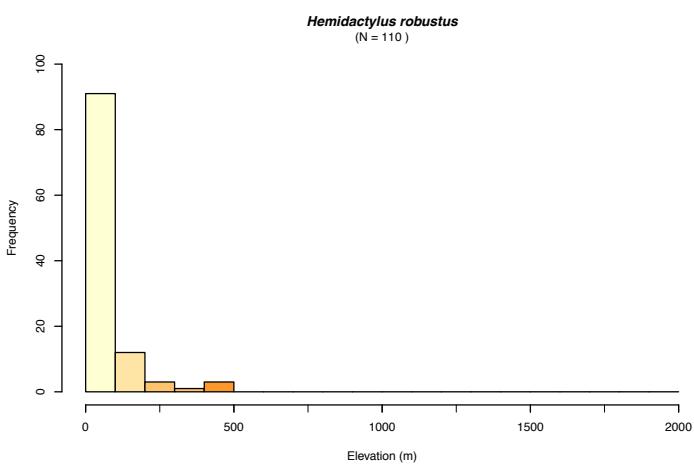
A



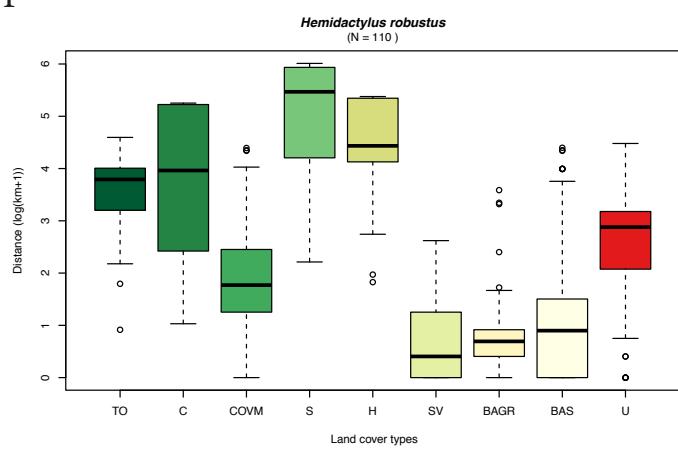
D



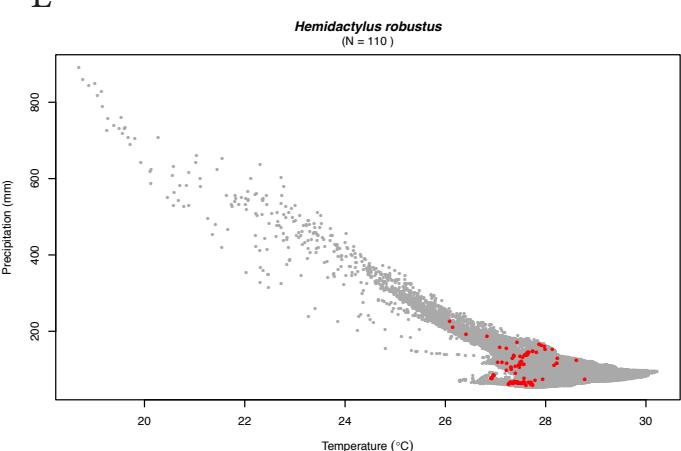
C



F



E

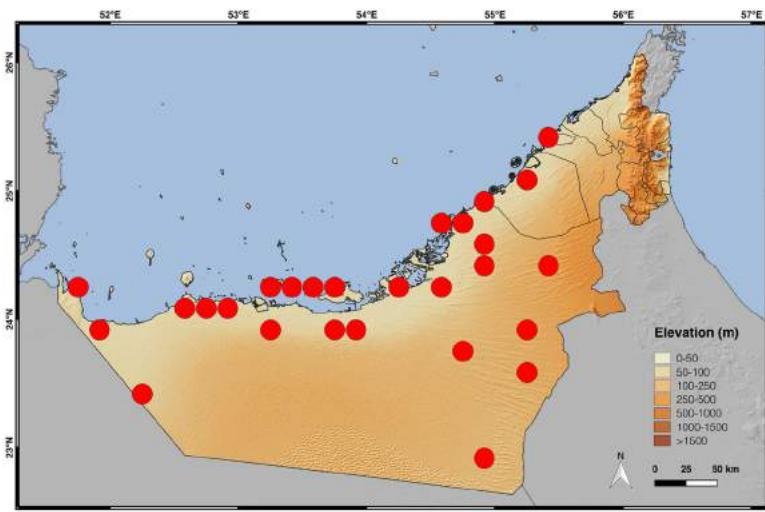


- Lizards
- Agamids
- Geckos
- Lacertids
- Skinks
- Amphisbaenids
- Varanids
- Snakes
- Boidae
- Colubridae
- Lamprophiidae
- Leptophiidae
- Typhlopidae
- Viperidae

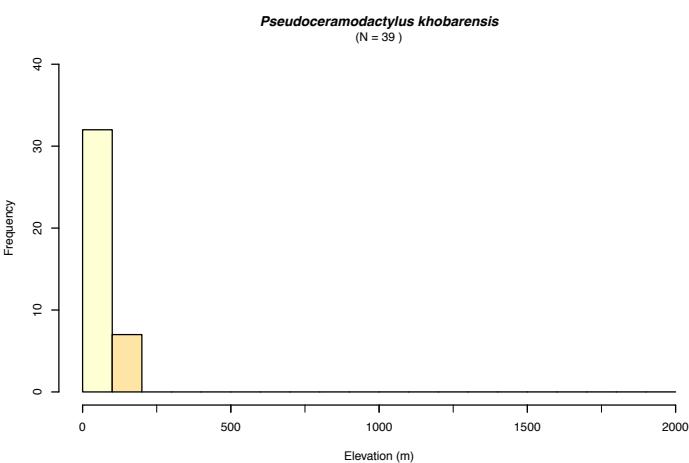
Pseudoceramodactylus khobarensis

Haas, 1957

A



C



B

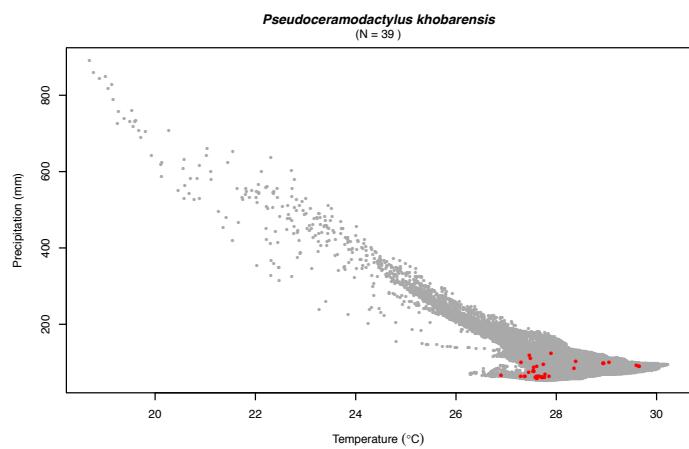
Useful information

IUCN Category	LC/LC
Venomous	NO
Endemic	NO
Origin	Native

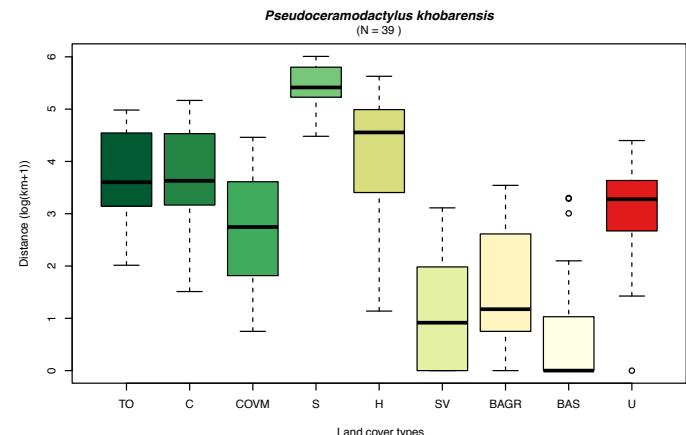
D



E



F



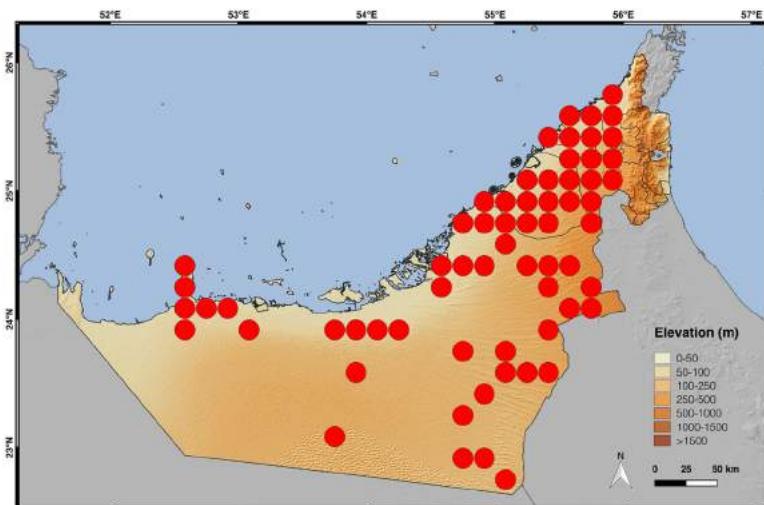
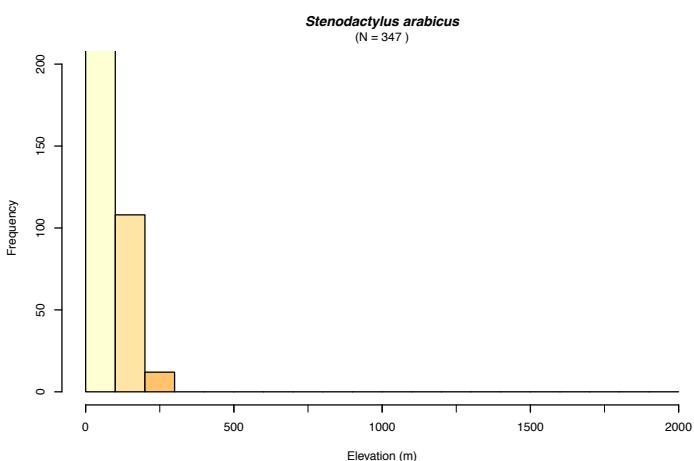
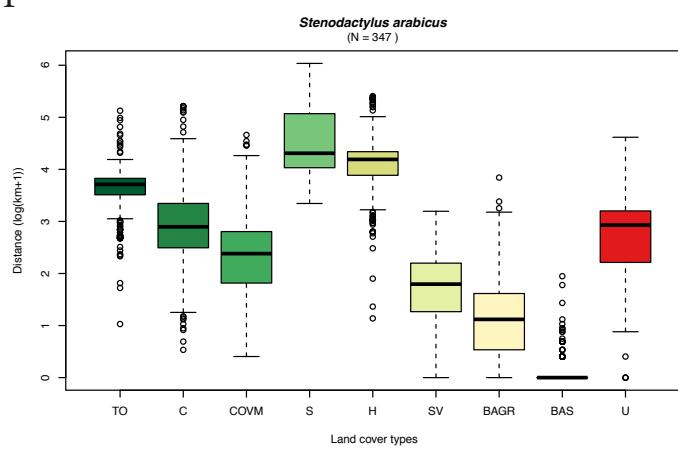
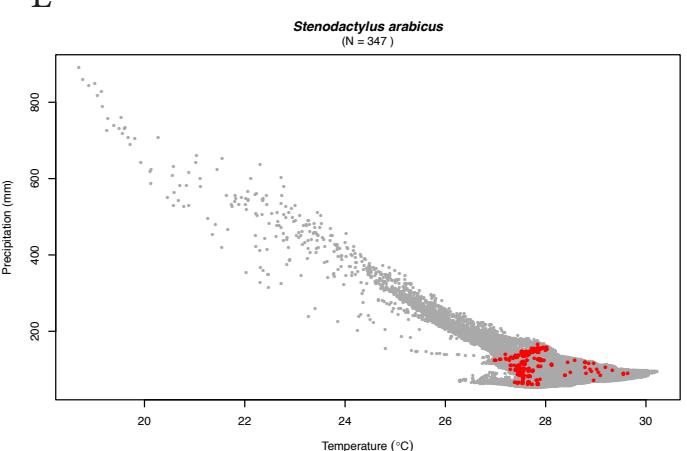
S13: Species information

Lizards

Geckos, Gekkonidae

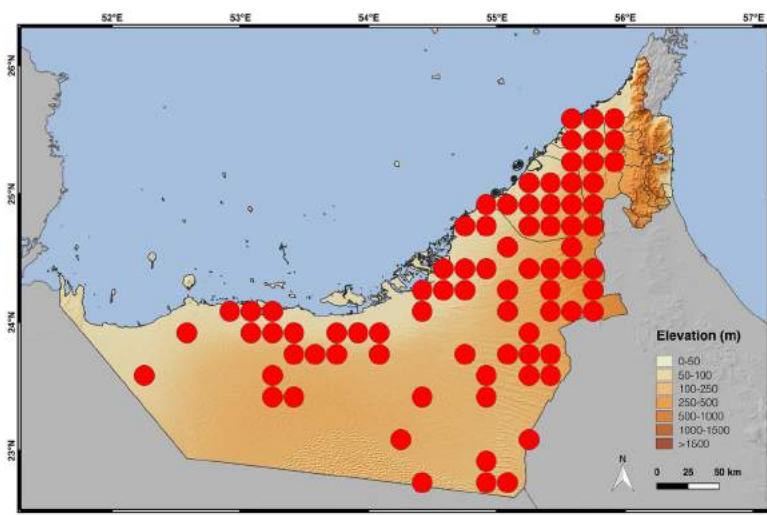
B**Useful information**

IUCN Category	LC/LC
Venomous	NO
Endemic	NO
Origin	Native

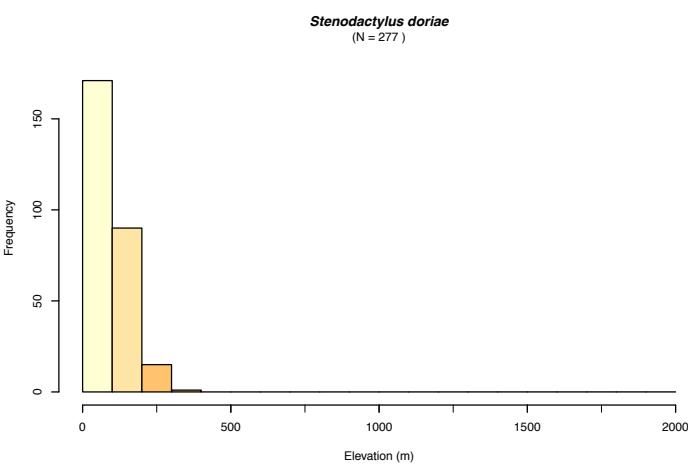
A**D****C****F****E**

Stenodactylus doriae (Blanford, 1874)

A



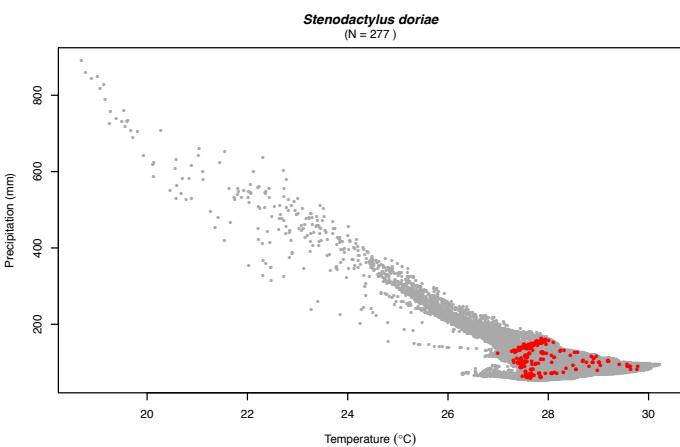
C



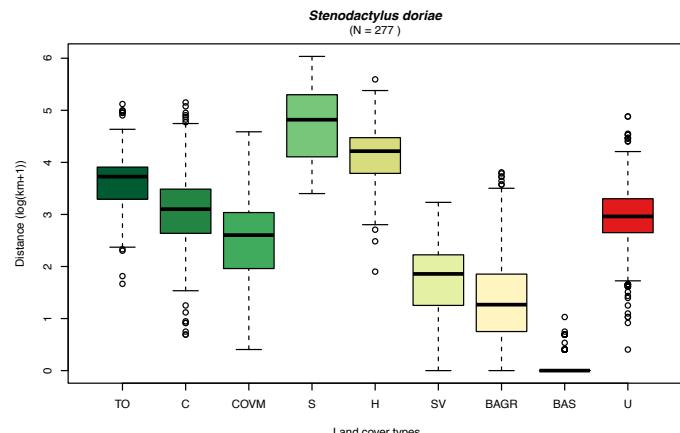
D



E



F



Lizards

Agamids

Geckos

Lacertids

Skinks

Amphisbaenids

Varanids

Snakes

Boidae

Colubridae

Lamprophiidae

Leptotyphlopidae

Typhlopidae

Viperidae

S14: Species information

Lizards

Geckos, Gekkonidae

B

Useful information

IUCN Category	LC/LC
Venomous	NO
Endemic	NO
Origin	Native

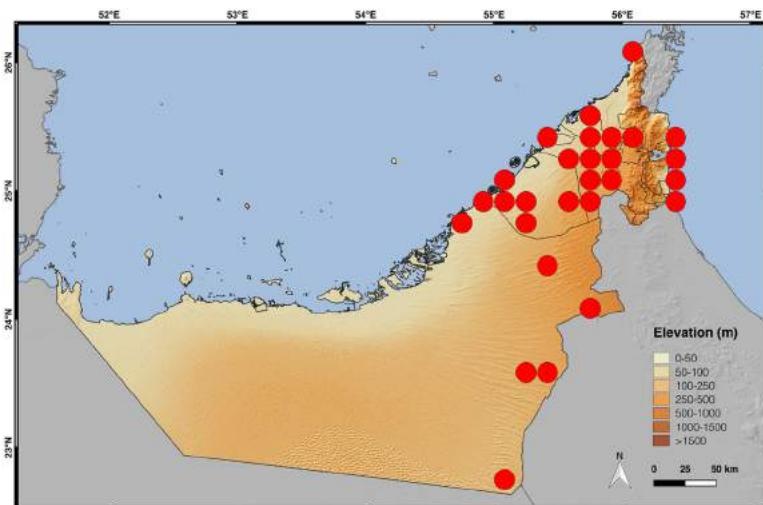
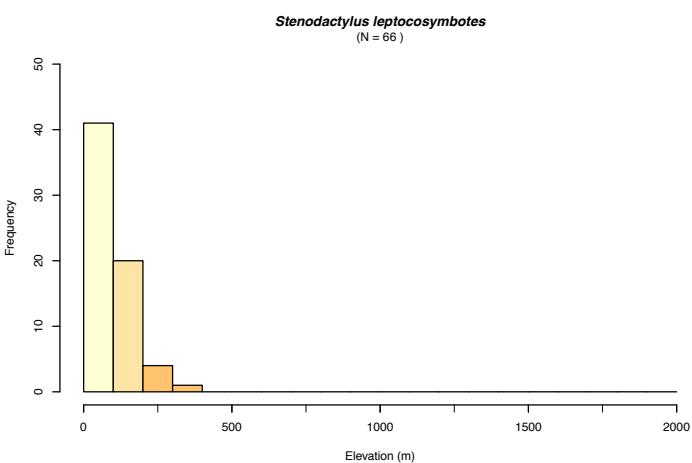
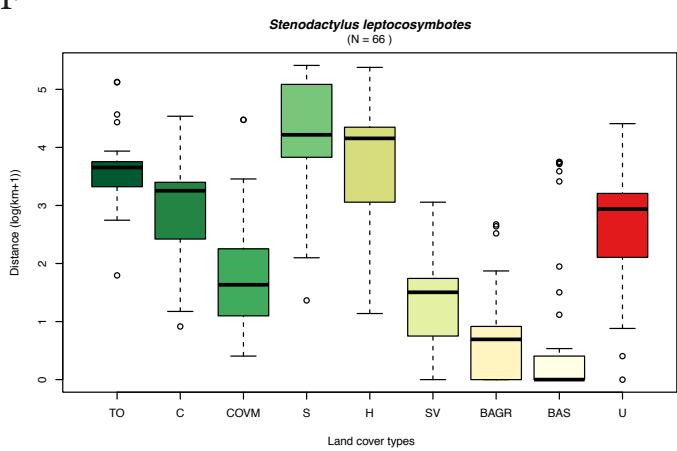
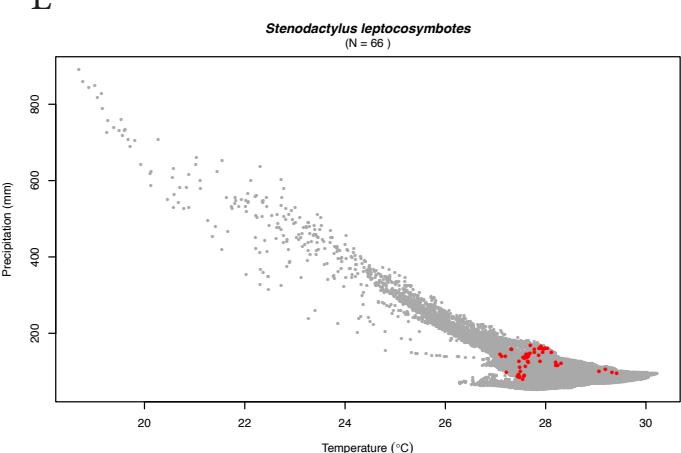
S15: Species information

Lizards

Geckos, Gekkonidae

B**Useful information**

IUCN Category	LC/LC
Venomous	NO
Endemic	NO
Origin	Native

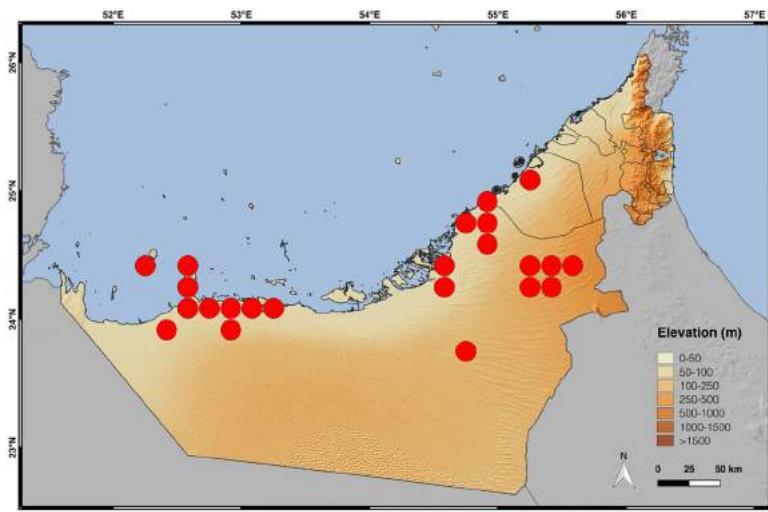
A**D****C****F****E**

- Lizards
- Agamids
- Geckos
- Lacertids
- Skinks
- Amphisbaenids
- Varanids
- Snakes
- Boidae
- Colubridae
- Lamprophiidae
- Leptophiidae
- Typhlopidae
- Viperidae

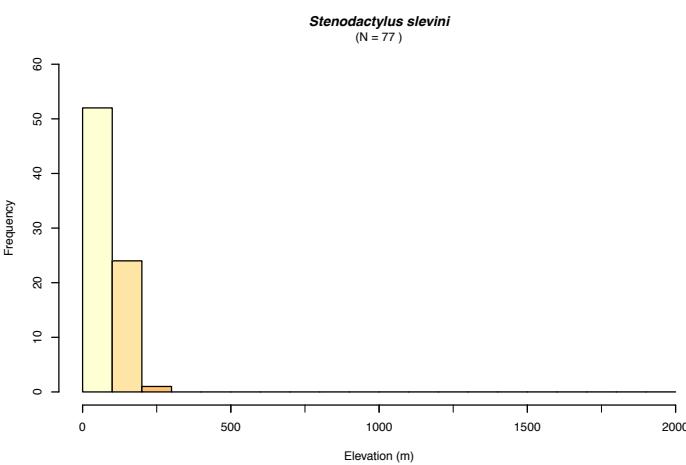
Stenodactylus slevini

Haas, 1957

A



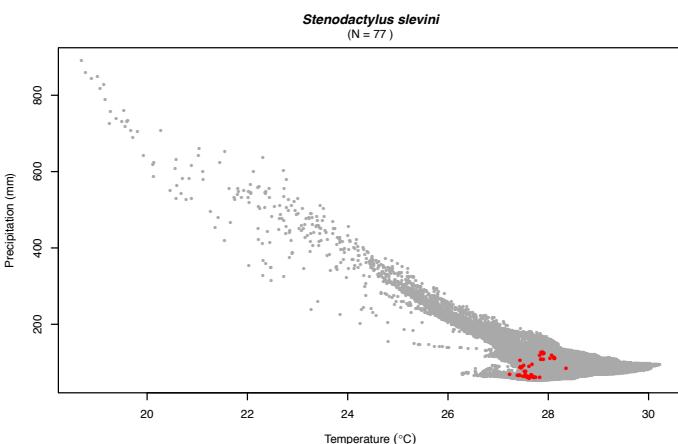
C



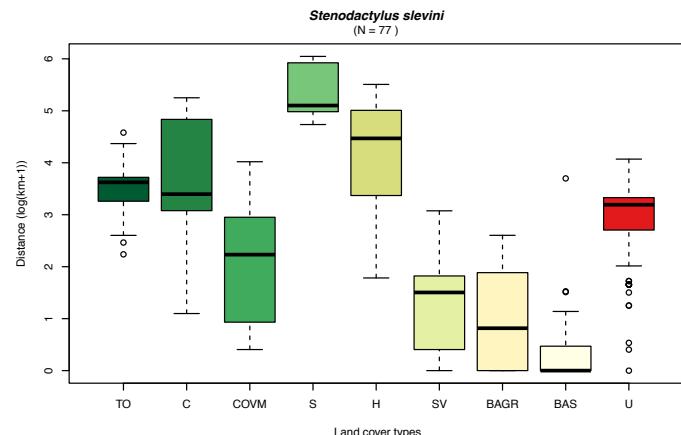
D



E



F



Lizards

Agamids

Geckos

Lacertids

Skinks

Amphisbaenids

Varanids

Snakes

Boidae

Colubridae

Lamprophiidae

Leptotyphlopidae

Typhlopidae

Viperidae

S16: Species information

Lizards

Geckos, Gekkonidae

B

Useful information

IUCN Category	LC/LC
Venomous	NO
Endemic	NO
Origin	Native

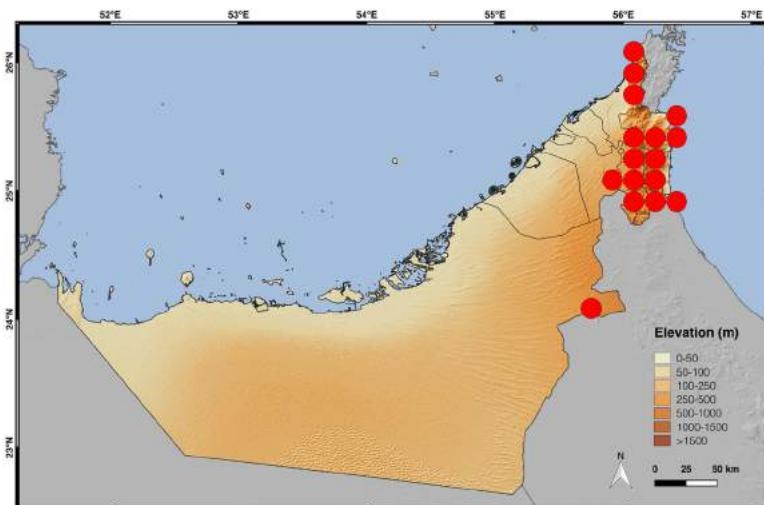
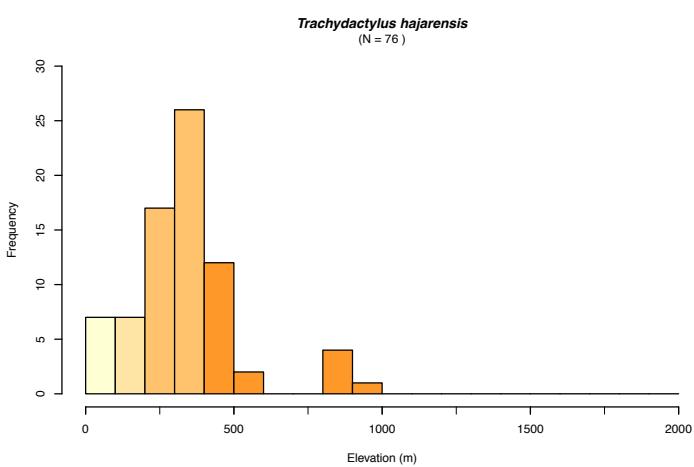
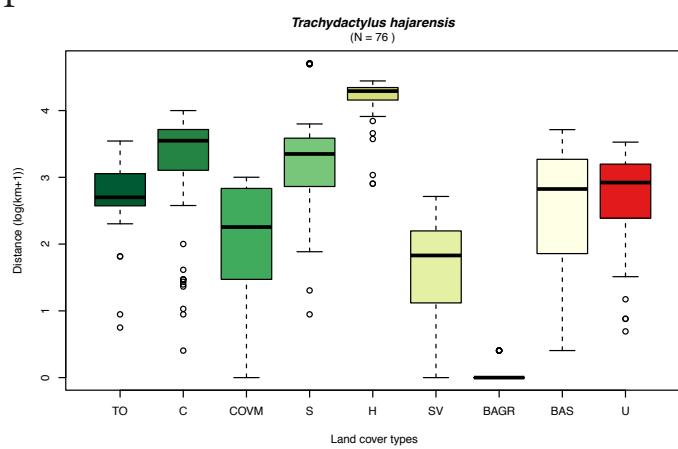
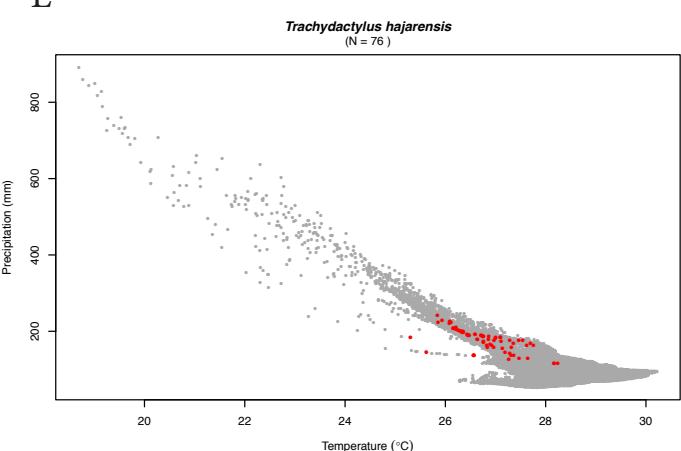
S17: Species information

Lizards

Geckos, Gekkonidae

B**Useful information**

IUCN Category	NE/LC
Venomous	NO
Endemic	NO
Origin	Native

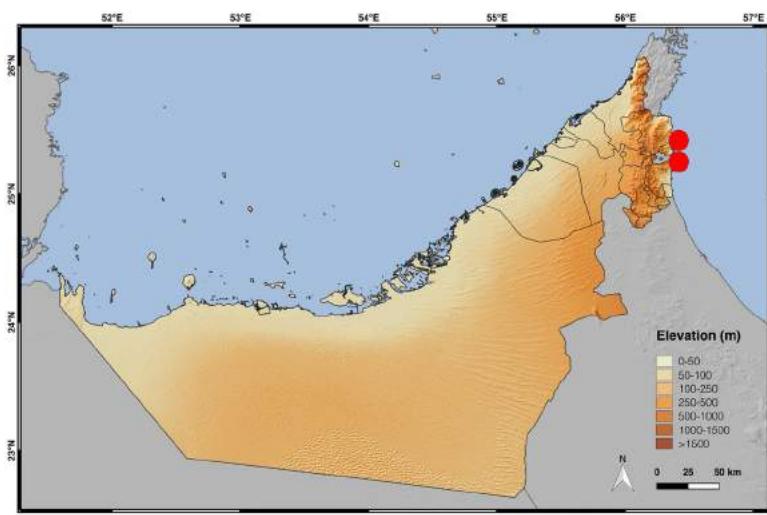
A**D****C****F****E**

- Lizards
- Agamids
- Geckos
- Lacertids
- Skinks
- Amphisbaenids
- Varanids
- Snakes
- Boidae
- Colubridae
- Lamprophiidae
- Leptophiidae
- Typhlopidae
- Viperidae

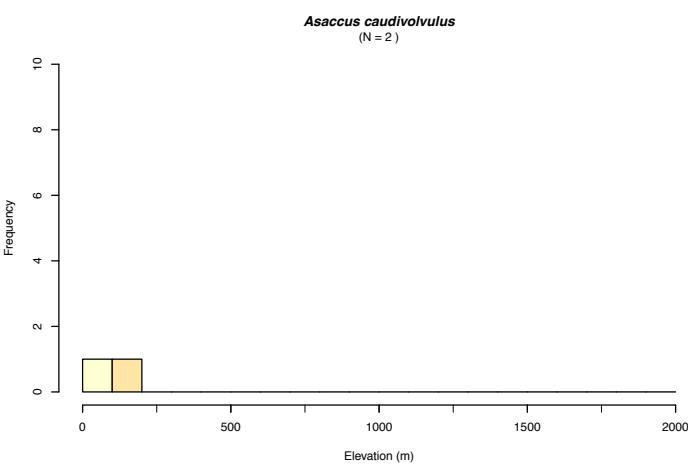
Asaccus caudivolvulus

Arnold & Gardner, 1994

A



C



B

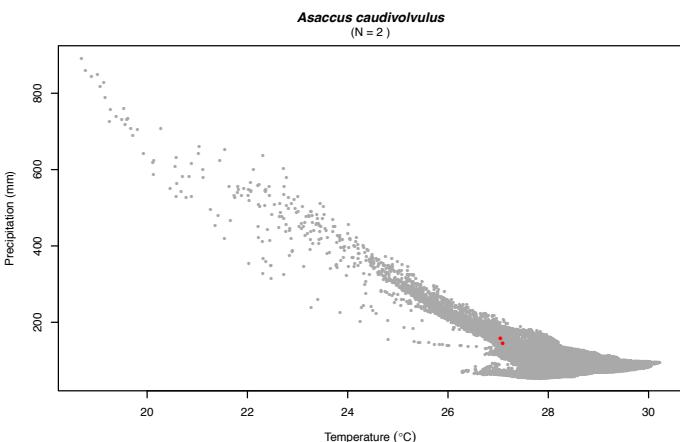
Useful information

IUCN Category	LC/CR
Venomous	NO
Endemic	YES
Origin	Native

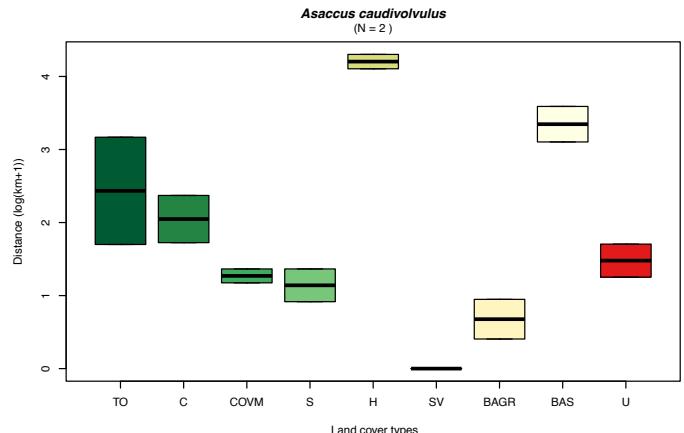
D



E



F



Lizards

Agamids

Geckos

Lacertids

Skinks

Amphisbaenids

Varanids

Snakes

Boidae

Colubridae

Lamprophiidae

Leptophiidae

Typhlopidae

Viperidae

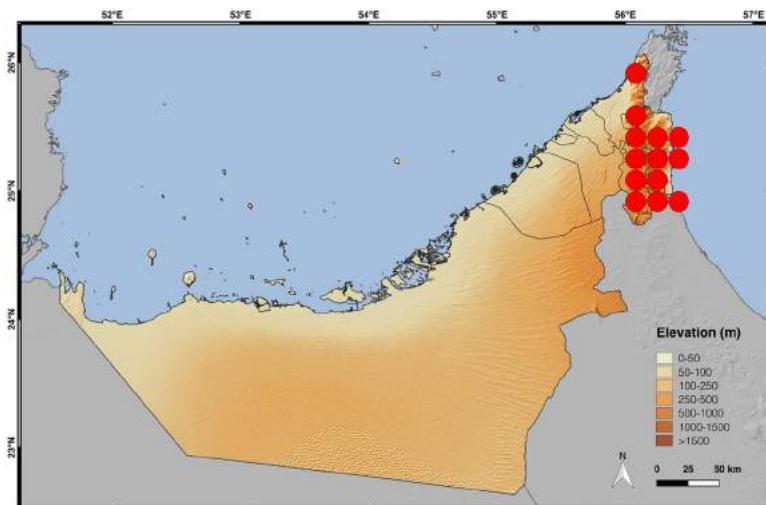
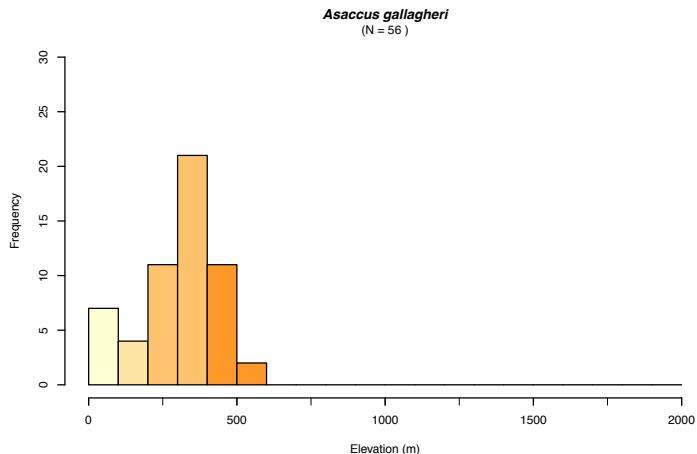
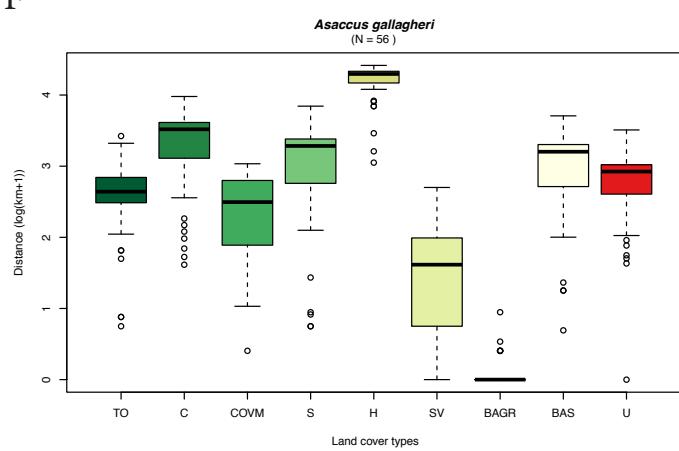
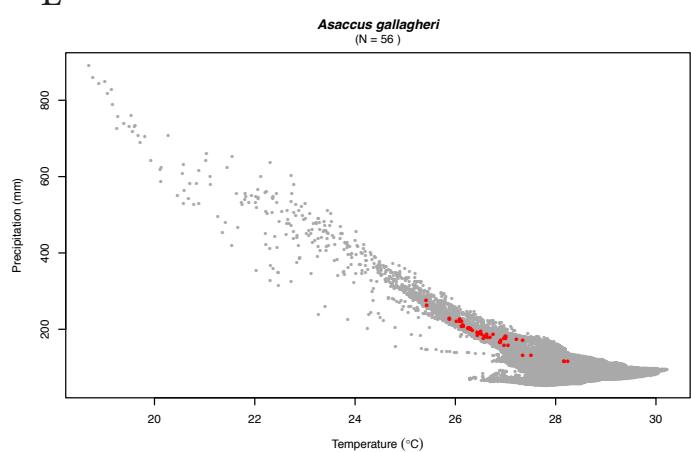
S19: Species information

Lizards

Geckos, Phyllodactylidae

B**Useful information**

IUCN Category	LC/LC
Venomous	NO
Endemic	NO
Origin	Native

A**D****C****F****E**

Lizards

Agamids

Geckos

Skinks

Amphisbaenids

Varanids

Snakes

Boidae

Colubridae

Lamprophiidae

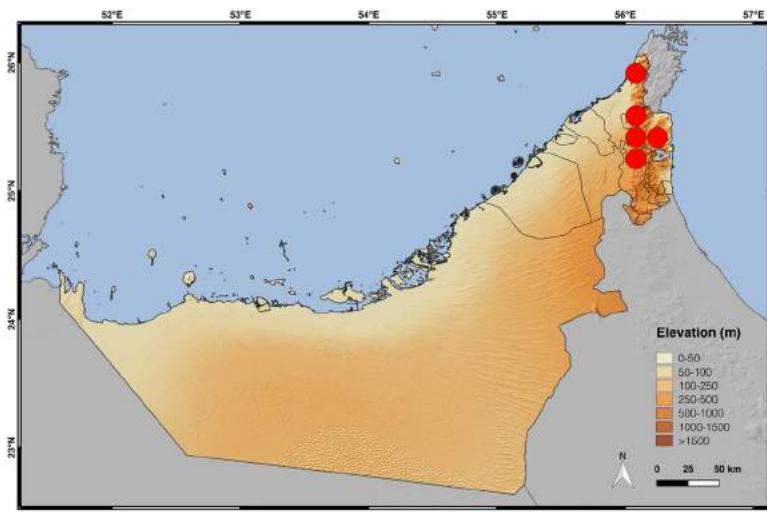
Leptophiidae

Viperidae

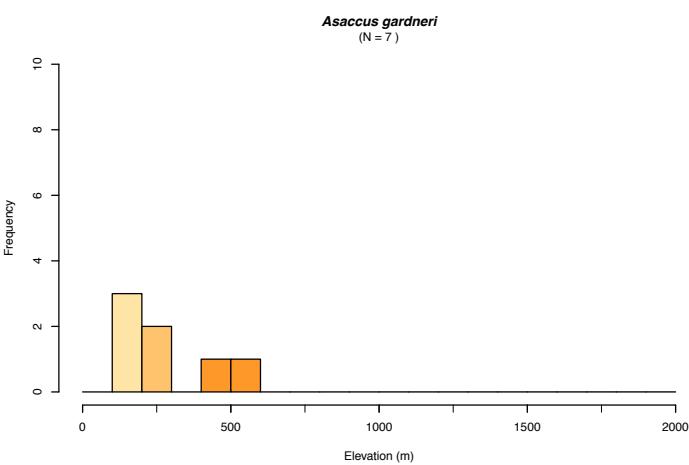
Asaccus gardneri

Carranza, Simó-Riudalbas, Jayasinghe, Wilms & Els, 2016

A



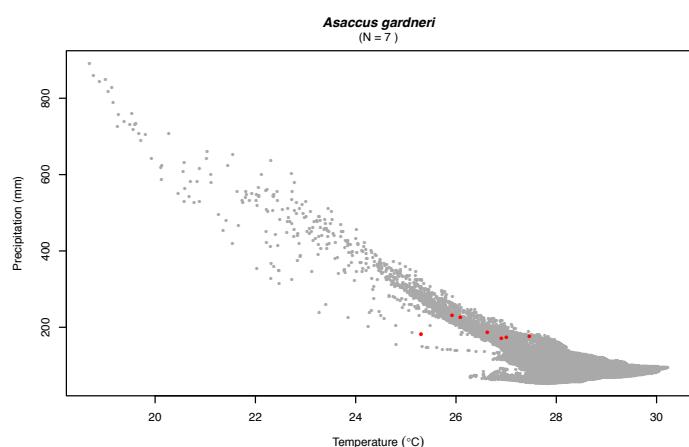
C



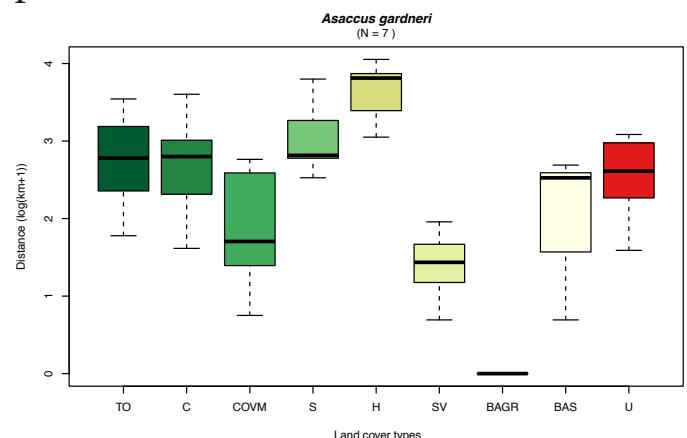
D



E



F



Lizards

Agamids

Geckos

Lacertids

Skinks

Amphisbaenids

Varanids

Snakes

Boidae

Colubridae

Lamprophiidae

Leptotyphlopidae

Typhlopidae

Viperidae

S20: Species information

Lizards

Geckos, Phyllodactylidae

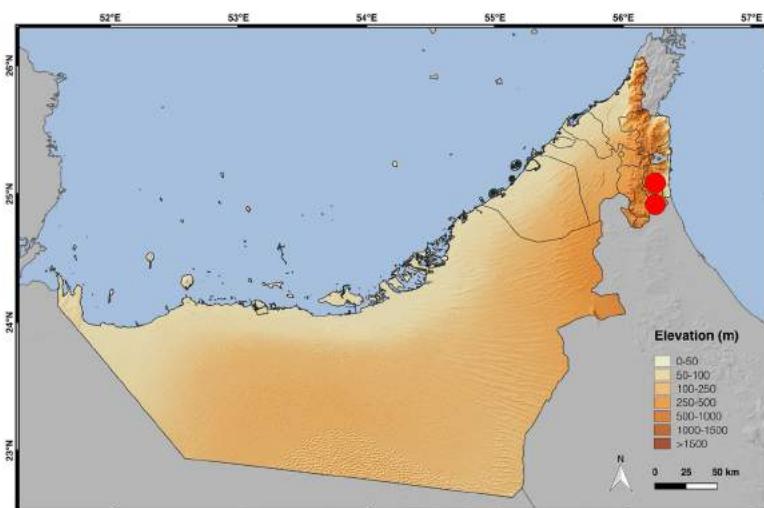
S21: Species information

Lizards

Geckos, Phyllodactylidae

B**Useful information**

IUCN Category	NE/VU
Venomous	NO
Endemic	NO
Origin	Native

A

Lizards

Geckos

Skinks

Amphisbaenids

Varanids

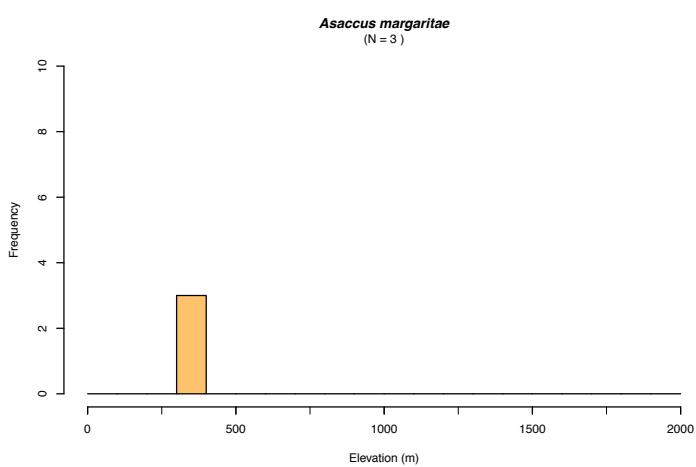
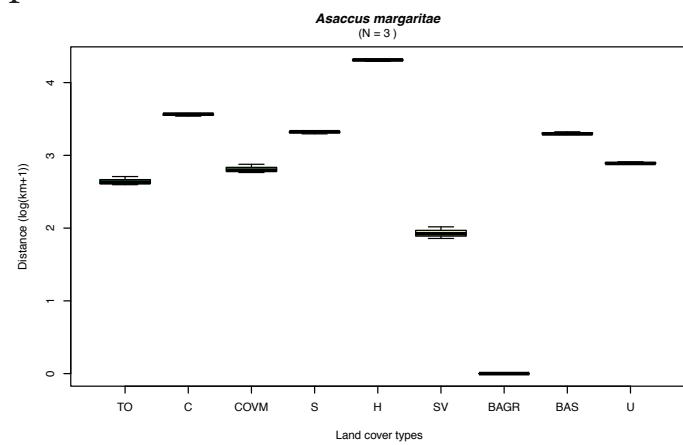
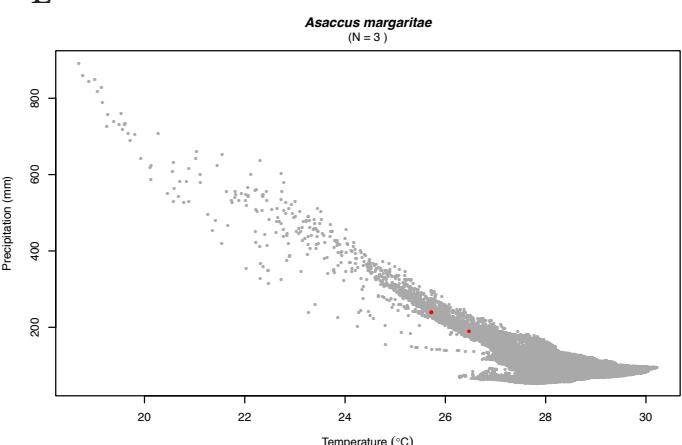
Snakes

Colubridae

Lamprophiidae

Leptophiidae

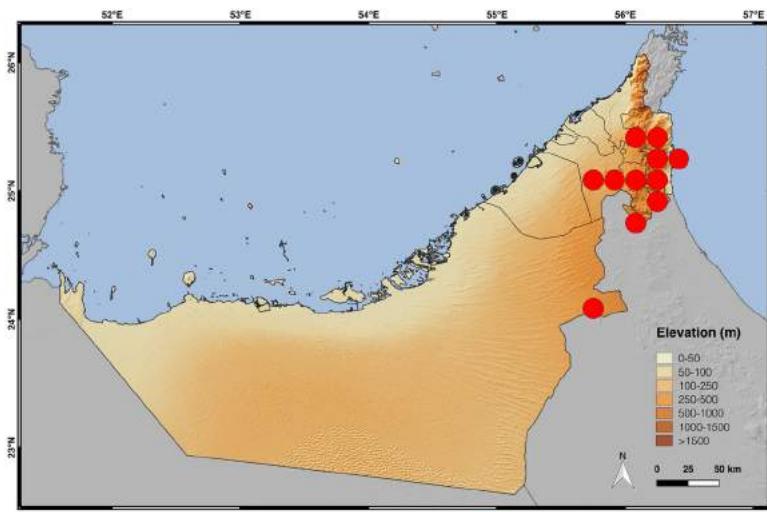
Viperidae

D**C****F****E**

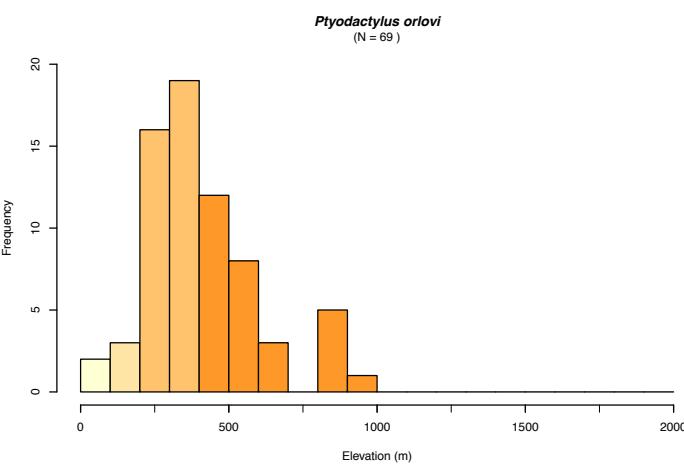
Ptyodactylus orlovi

Nazarov, Melnikov & Melnikova, 2013

A



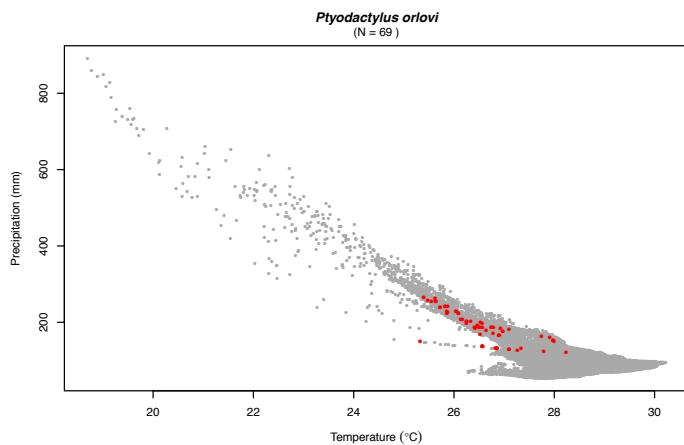
C



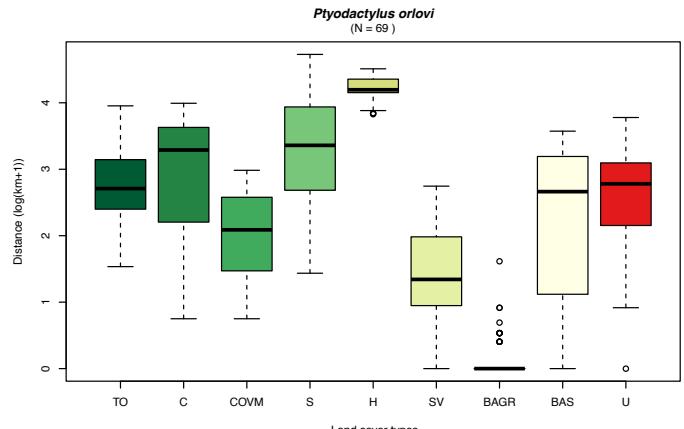
D



E



F



Lizards

Agamids

Geckos

Lacertids

Skinks

Amphisbaenids

Varanids

Snakes

Boidae

Colubridae

Lamprophiidae

Leptophiidae

Typhlopidae

Viperidae

Lizards

S22: Species information

Geckos, Phyllodactylidae

S23: Species information

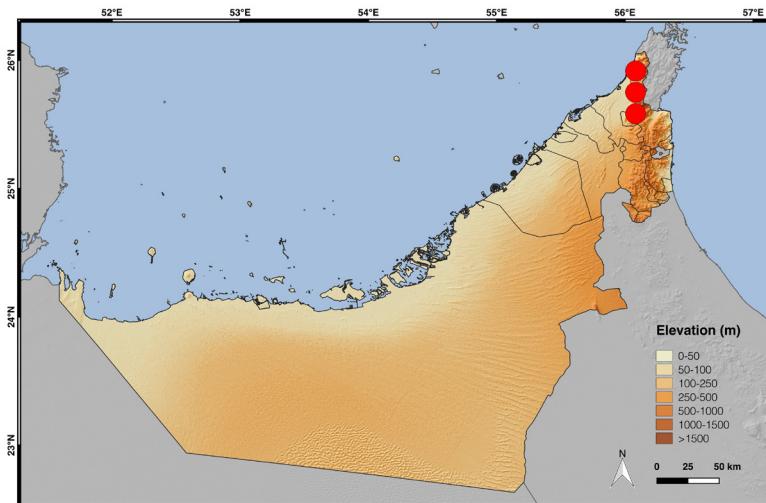
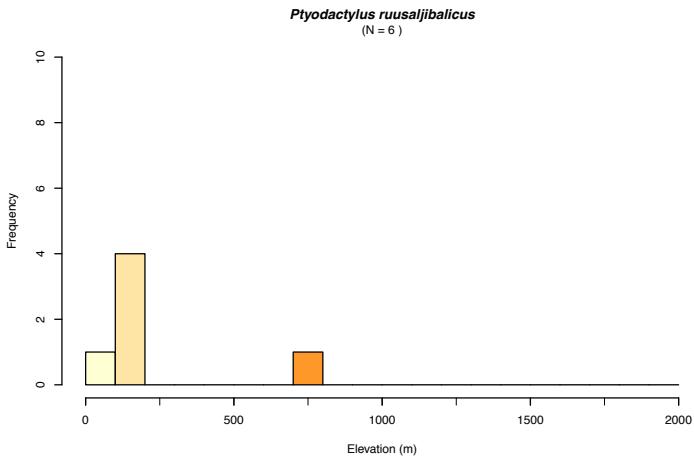
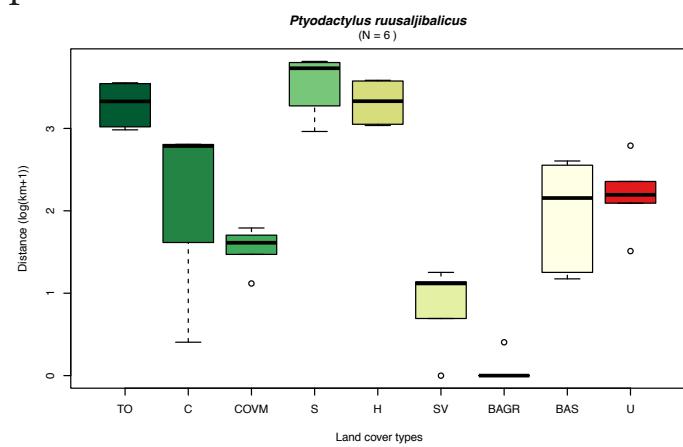
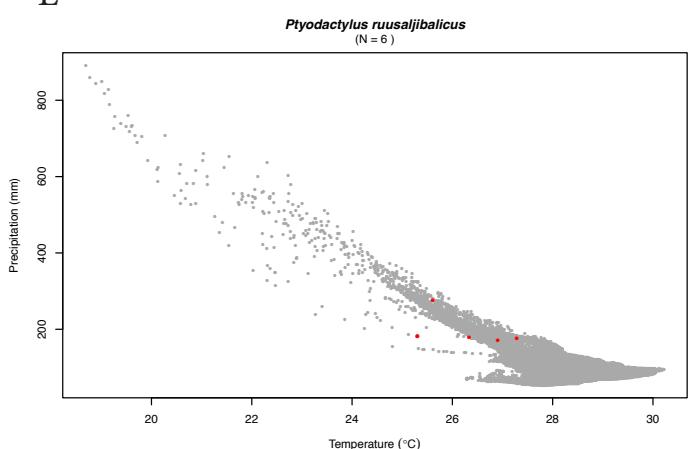
Lizards

Geckos, Phyllodactylidae

B**Useful information**

IUCN Category	NE/LC
Venomous	NO
Endemic	NO
Origin	Native

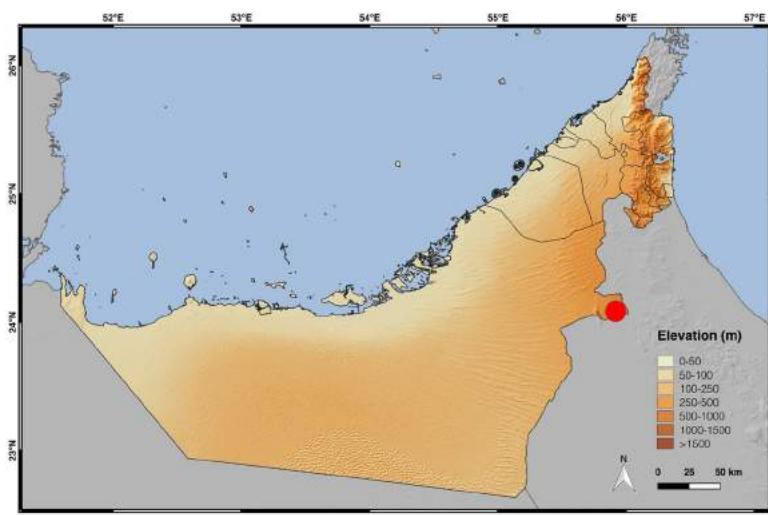
Ptyodactylus ruusaljibalicus
Simó-Riudalbas, Metallinou, Pous, Els, Jayasinghe, Pentek-Zakar, Wilms, Al-Saadi & Carranza, 2017

A**D****C****F****E**

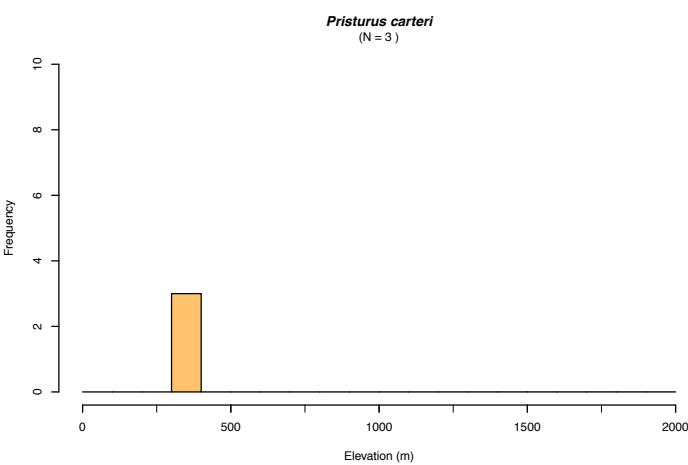
- Lizards
- Agamids
- Geckos
- Lacertids
- Skinks
- Amphisbaenids
- Varanids
- Snakes
- Boidae
- Colubridae
- Lamprophiidae
- Leptophiidae
- Typhlopidae
- Viperidae

Pristurus carteri (Gray, 1863)

A



C



B

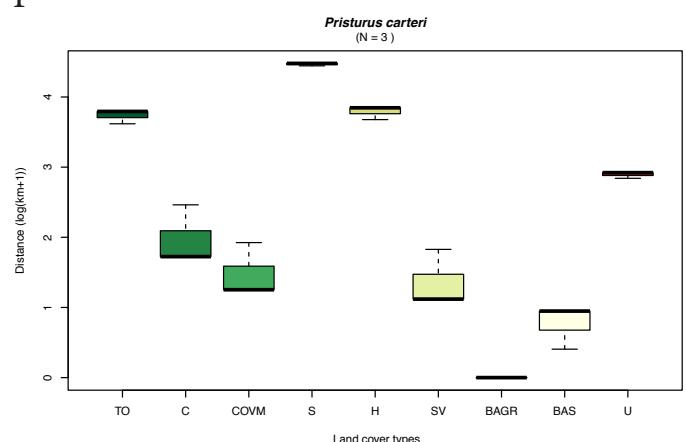
Useful information

IUCN Category	LC/CR
Venomous	NO
Endemic	NO
Origin	Native

D



E



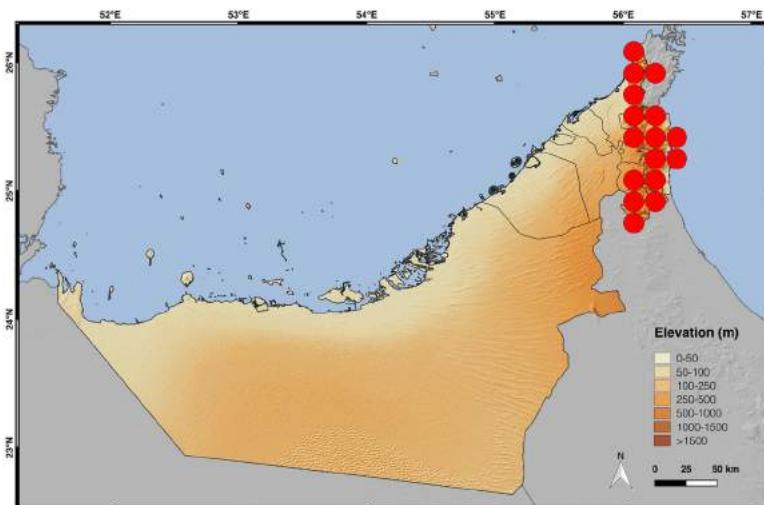
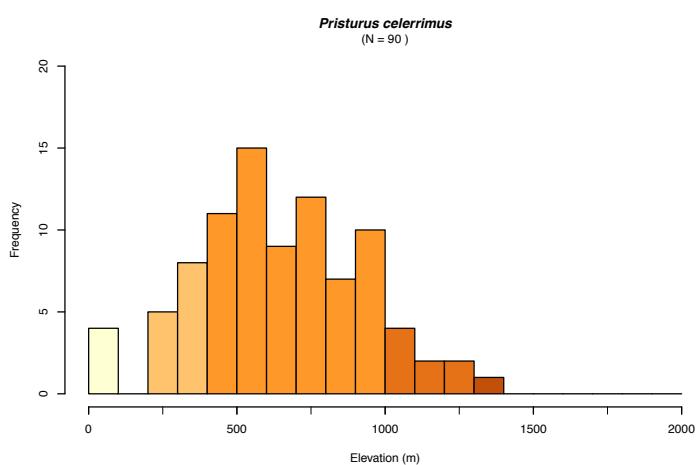
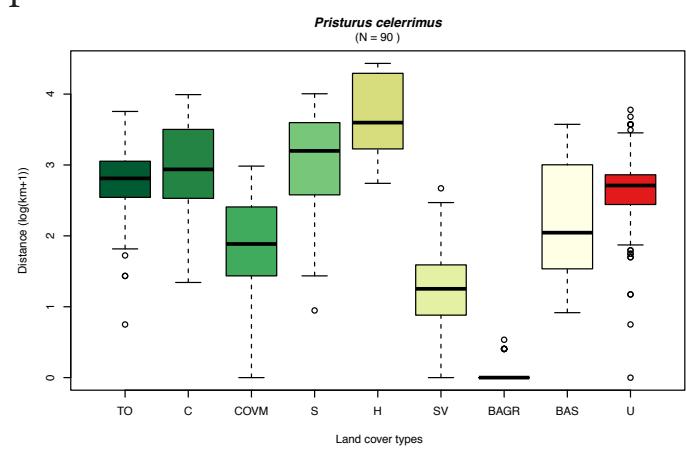
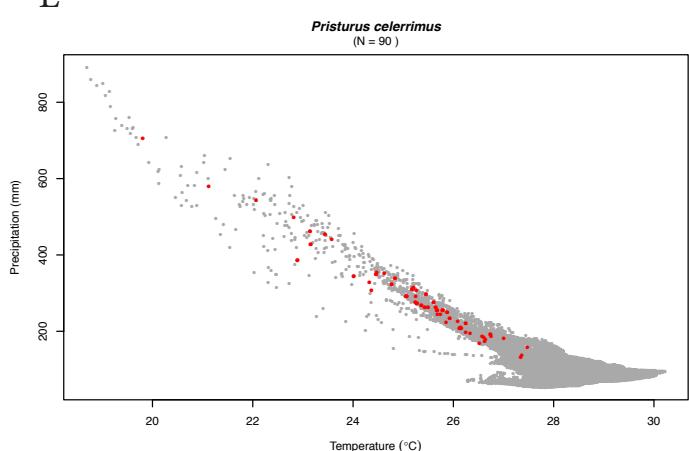
S25: Species information

Lizards

Geckos, Sphaerodactylidae

B**Useful information**

IUCN Category	LC/LC
Venomous	NO
Endemic	NO
Origin	Native

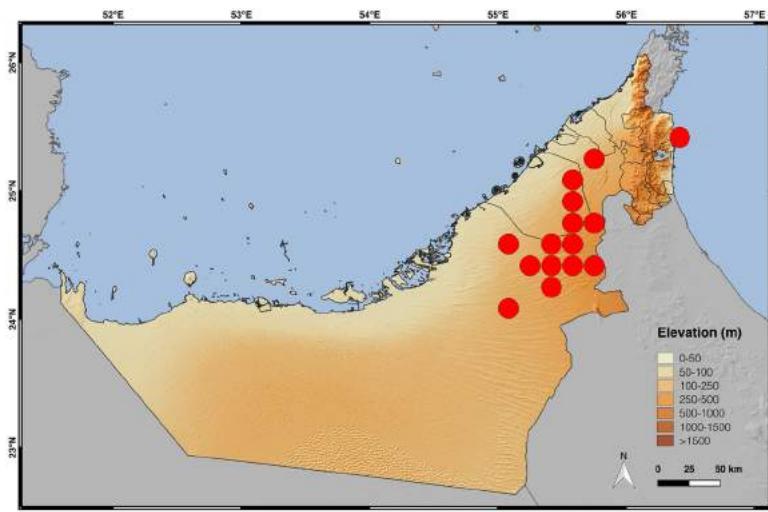
A**D****C****F****E**

- Lizards
- Agamids
- Geckos
- Lacertids
- Skinks
- Amphisbaenids
- Varanids
- Snakes
- Boidae
- Colubridae
- Lamprophiidae
- Leptophiidae
- Typhlopidae
- Viperidae

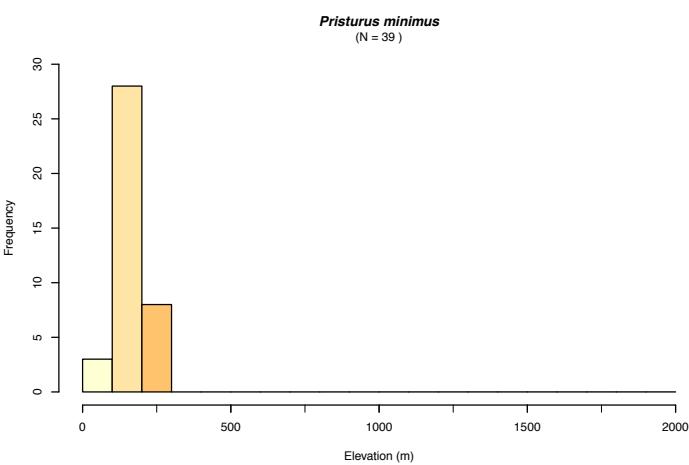
Pristurus minimus

Arnold, 1977

A



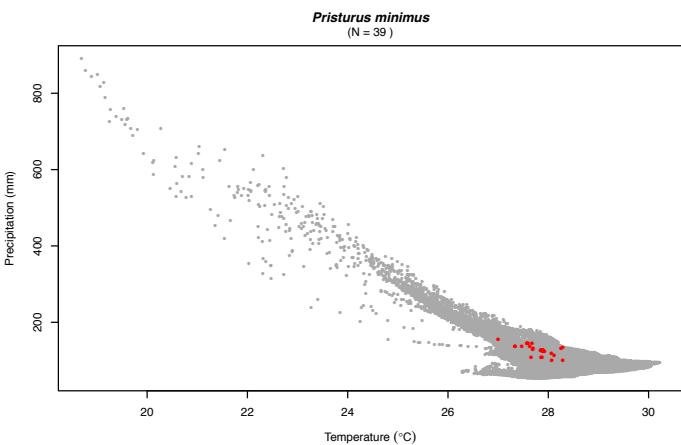
C



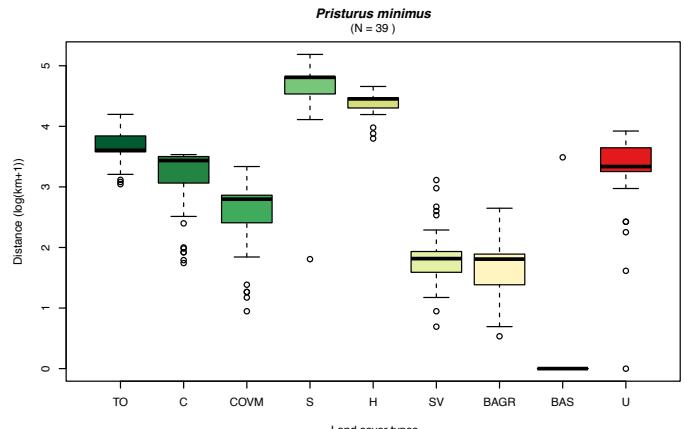
D



E



F

**S26: Species information**

Lizards

Geckos, Sphaerodactylidae

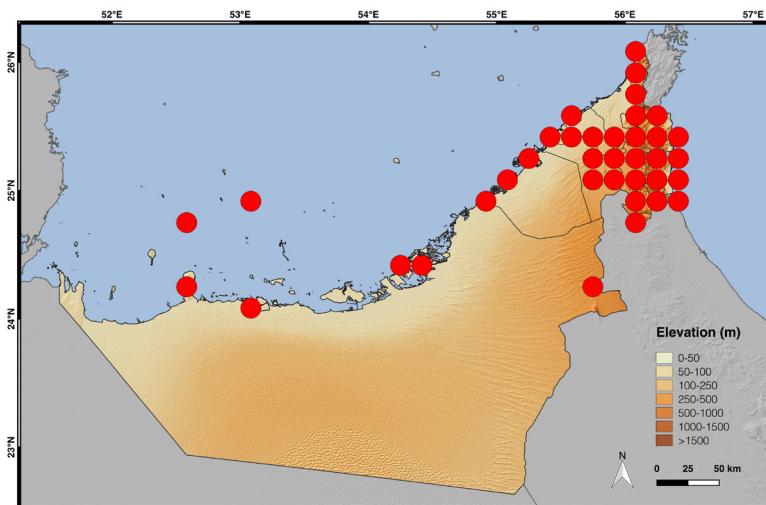
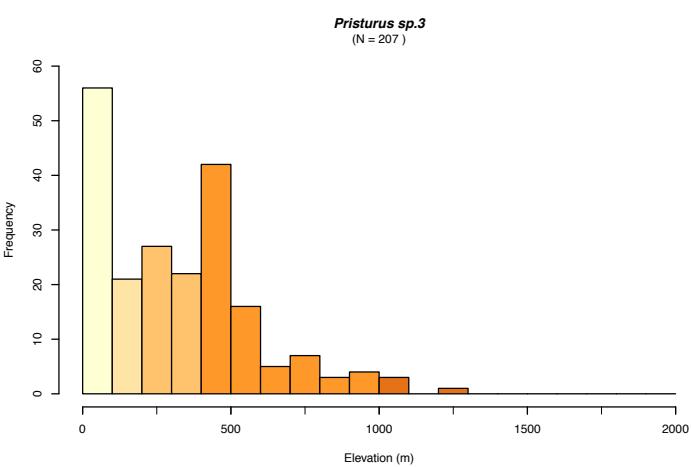
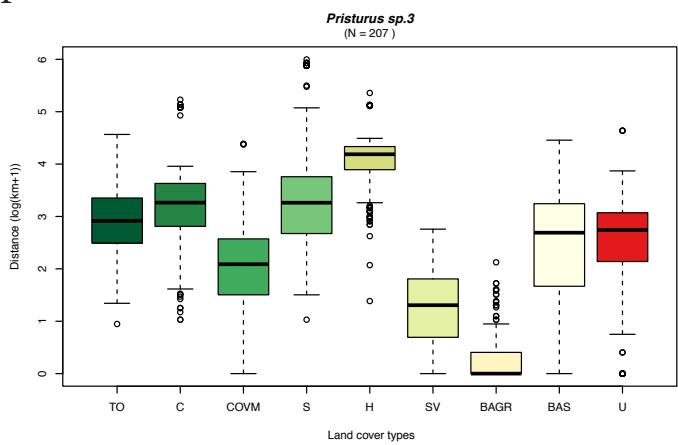
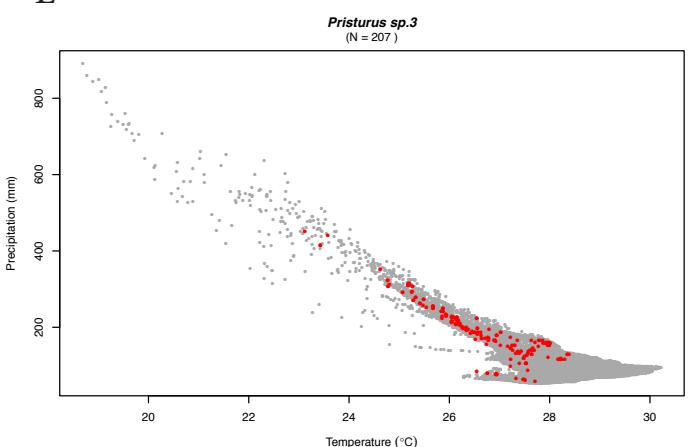
S27: Species information

Lizards

Geckos, Sphaerodactylidae

B**Useful information**

IUCN Category	NE/LC
Venomous	NO
Endemic	NO
Origin	Native

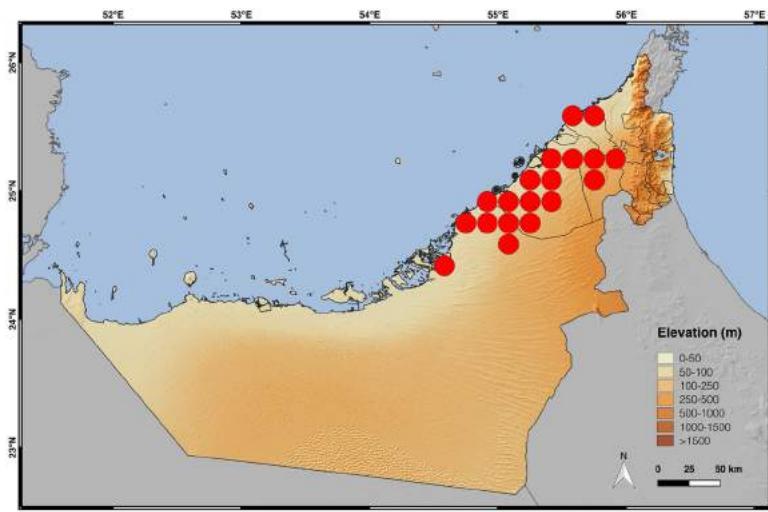
A**D****C****F****E**

- Lizards
- Agamids
- Geckos
- Lacertids
- Skinks
- Amphisbaenids
- Varanids
- Snakes
- Boidae
- Colubridae
- Lamprophiidae
- Leptophiidae
- Typhlopidae
- Viperidae

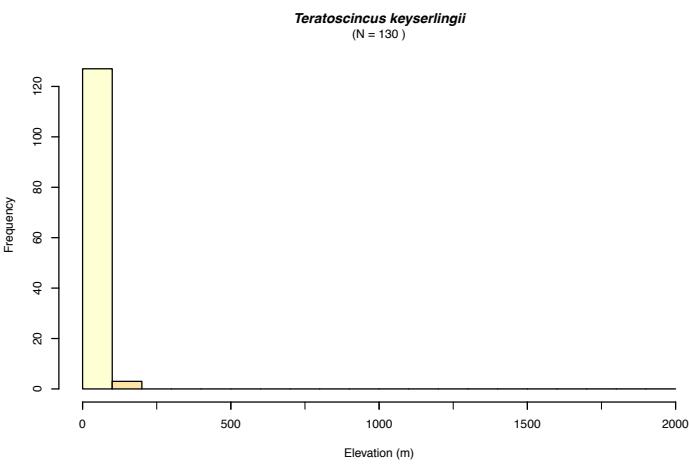
Teratoscincus keyserlingii

Strauch, 1863

A



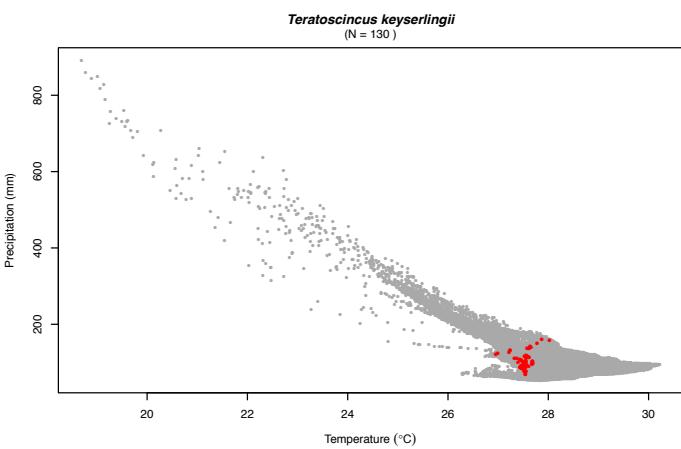
C



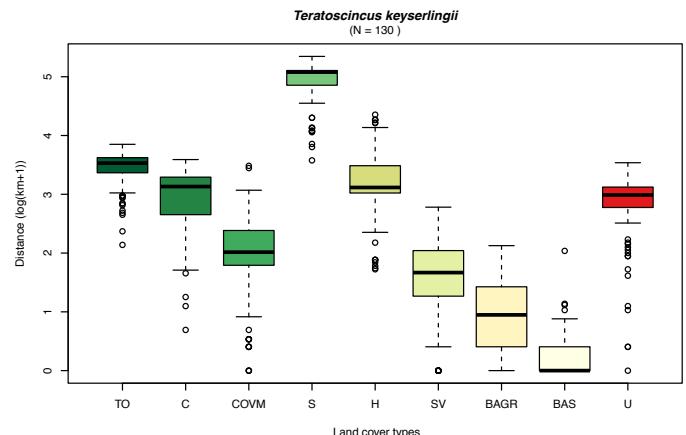
D



E



F



Lizards

Agamids

Geckos

Lacertids

Skinks

Amphisbaenids

Varanids

Snakes

Boidae

Colubridae

Lamprophiidae

Leptotyphlopidae

Typhlopidae

Viperidae

S28: Species information

Lizards

Geckos, Sphaerodactylidae

B

Useful information

IUCN Category	LC/CR
Venomous	NO
Endemic	NO
Origin	Native

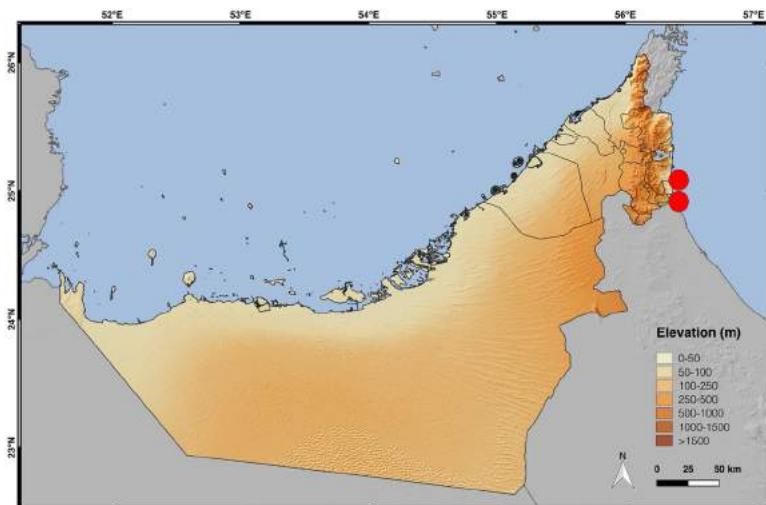
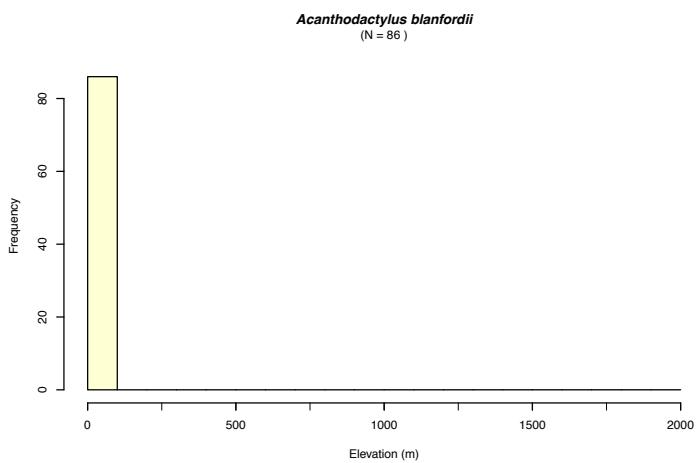
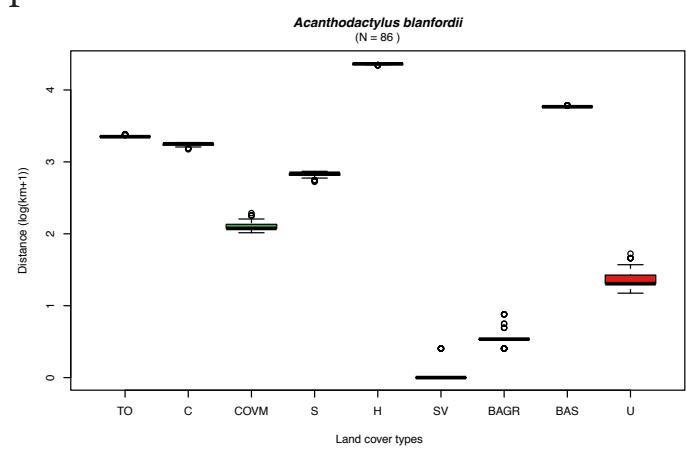
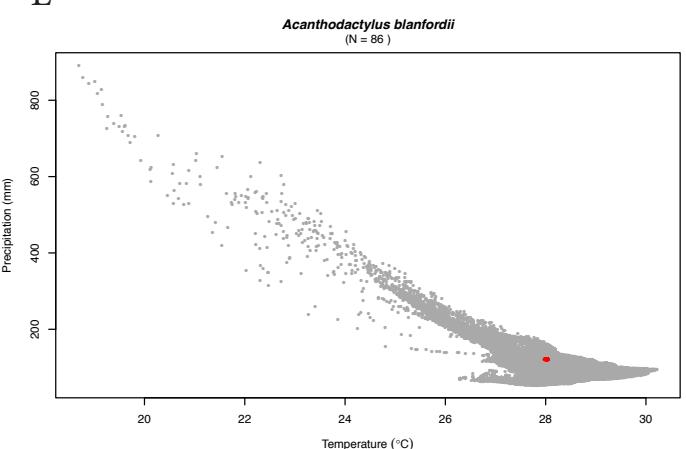
S29: Species information

Lizards

Lacertids, Lacertidae

B**Useful information**

IUCN Category	LC/VU
Venomous	NO
Endemic	NO
Origin	Native

A**D****C****F****E**

Lizards

Agamids

Geckos
LacertidsSkinks
AmphisbaenidsVaranids
Snakes

Boidae

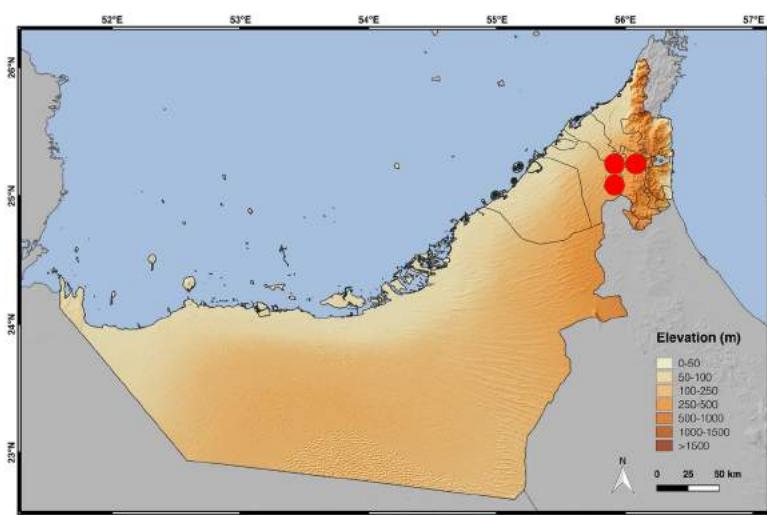
Colubridae
LamprophiidaeLeptophiidae
Typhlopidae

Viperidae

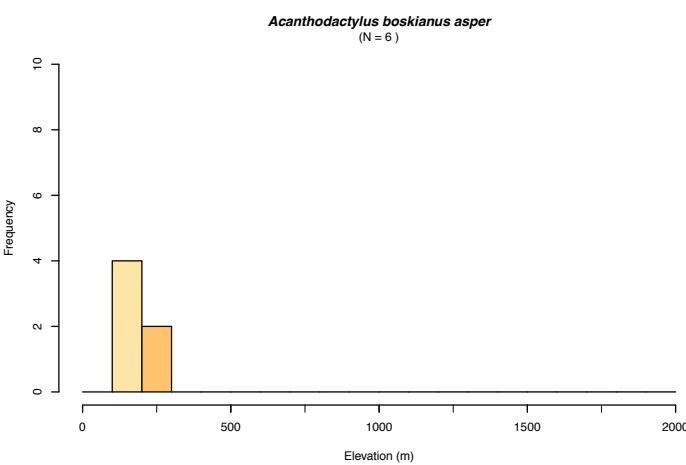
Acanthodactylus boskianus asper

(Audouin, 1829)

A



C



B

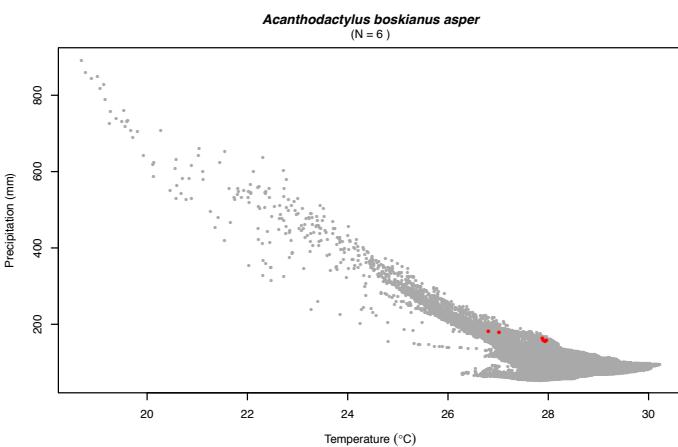
Useful information

IUCN Category	LC/NT
Venomous	NO
Endemic	NO
Origin	Native

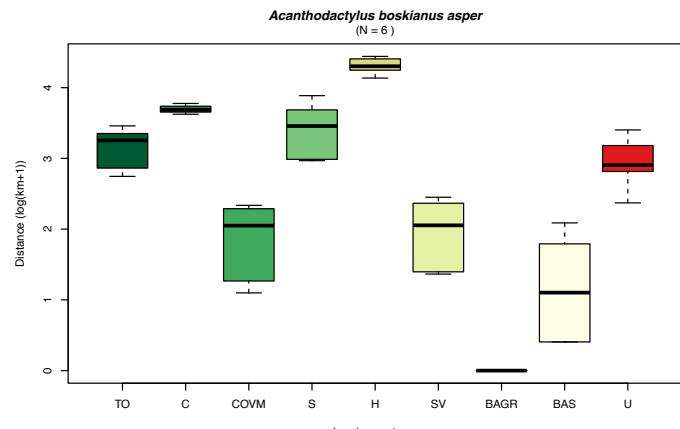
D



E



F



Lizards

Agamids

Geckos

Lacertids

Skinks

Amphisbaenids

Varanids

Snakes

Boidae

Colubridae

Lamprophiidae

Leptotyphlopidae

Typhlopidae

Viperidae

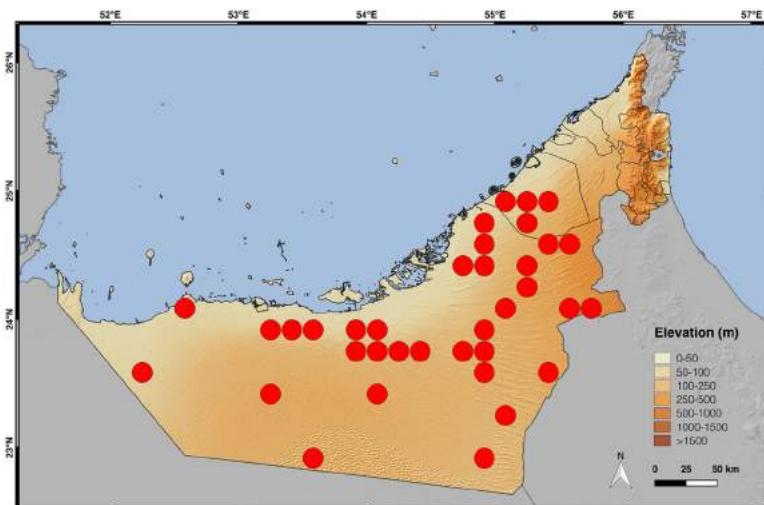
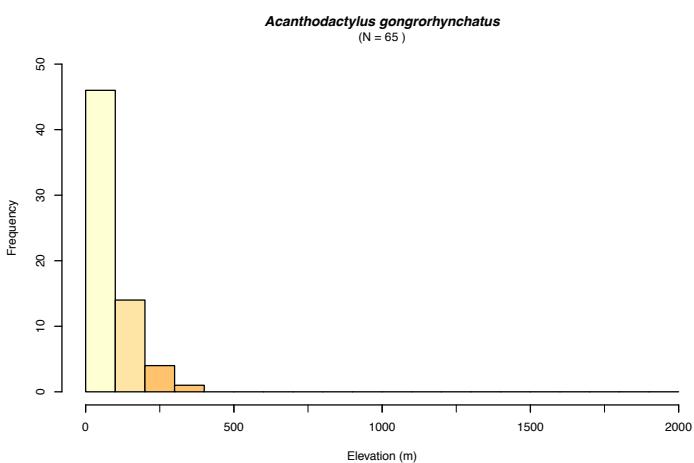
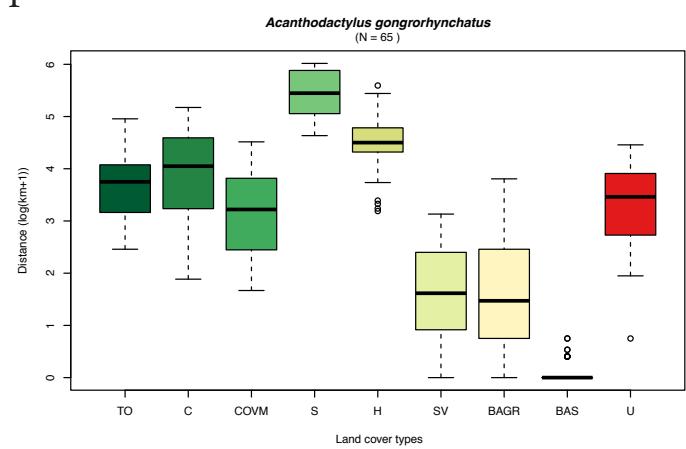
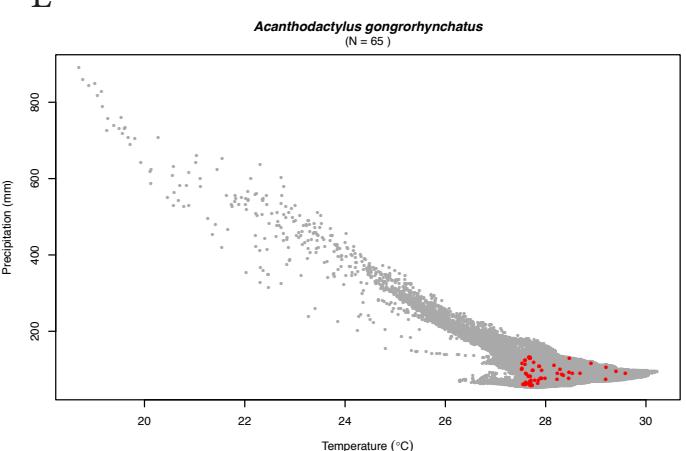
S31: Species information

Lizards

Lacertids, Lacertidae

B**Useful information**

IUCN Category	DD/LC
Venomous	NO
Endemic	NO
Origin	Native

A**D****C****F****E**

Lizards

Agamids

Geckos

Skinks

Amphisbaenids

Varanids

Snakes

Boidae

Colubridae

Lamprophiidae

Leptophiidae

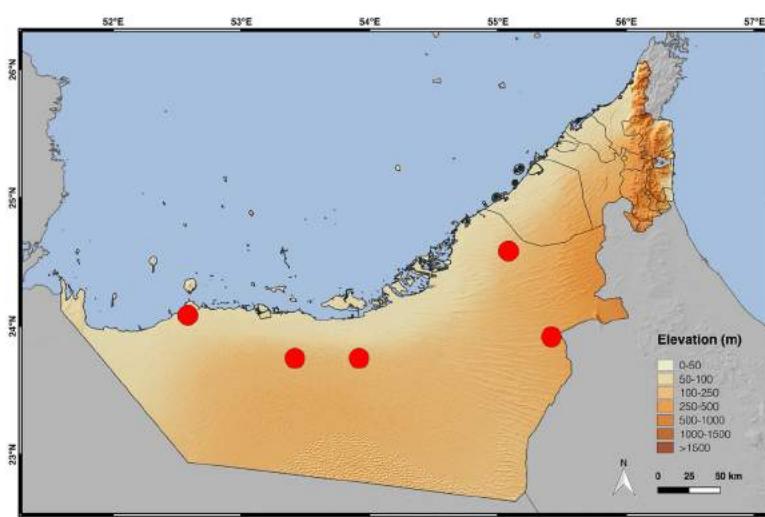
Typhlopidae

Viperidae

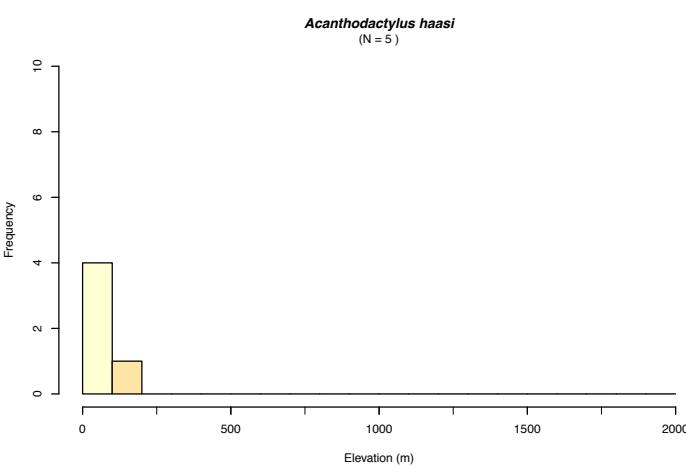
Acanthodactylus haasi

Leviton & Anderson, 1967

A



C



B

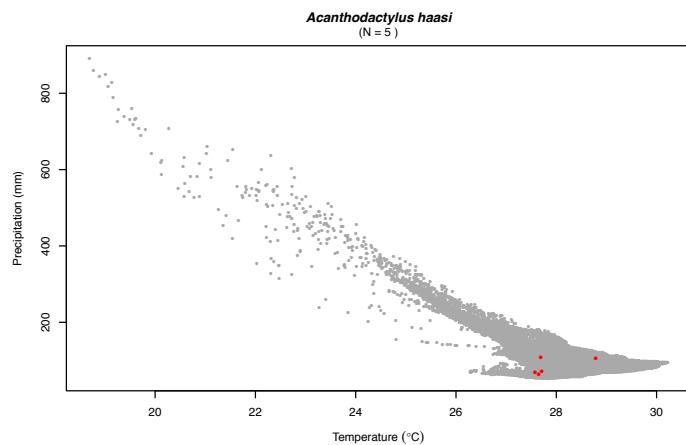
Useful information

IUCN Category	LC/DD
Venomous	NO
Endemic	NO
Origin	Native

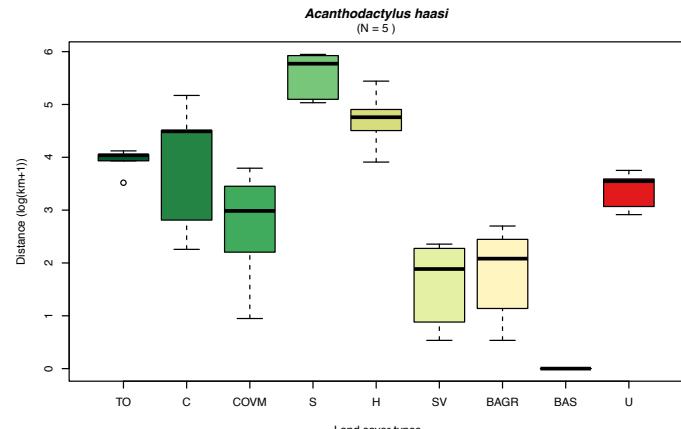
D



E



F



Lizards

Agamids

Geckos

Lacertids

Skinks

Amphisbaenids

Varanids

Snakes

Boidae

Colubridae

Lamprophiidae

Leptotyphlopidae

Typhlopidae

Viperidae

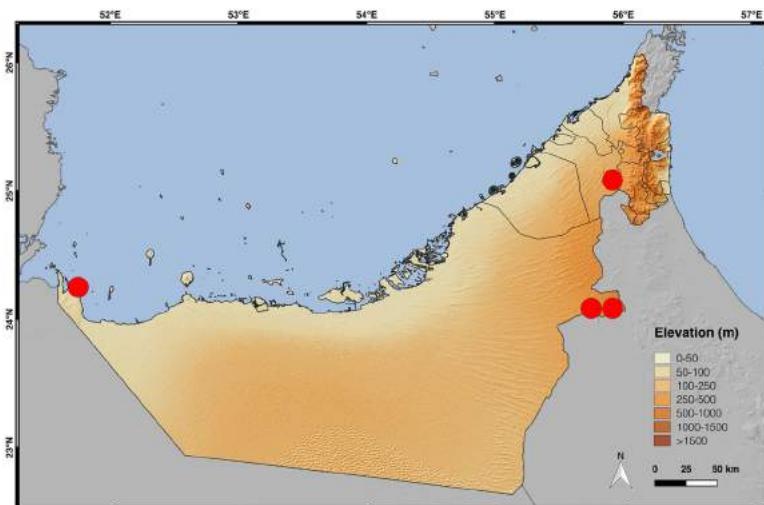
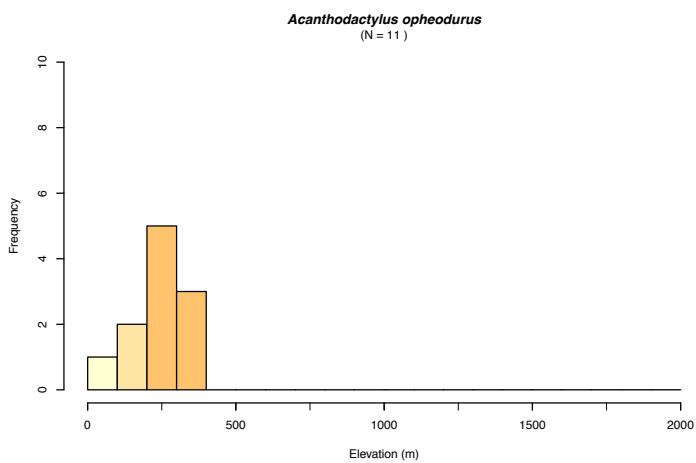
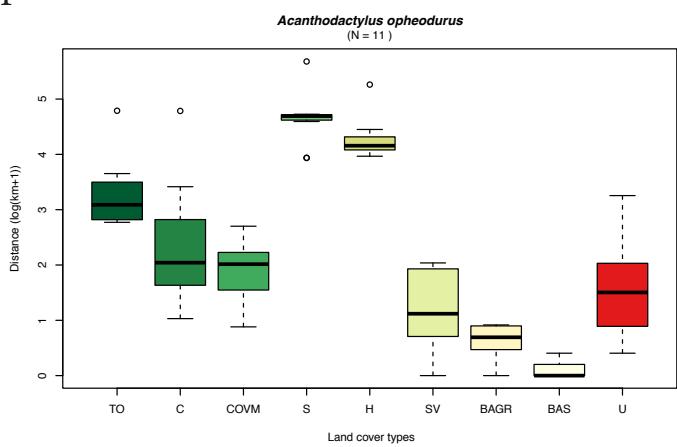
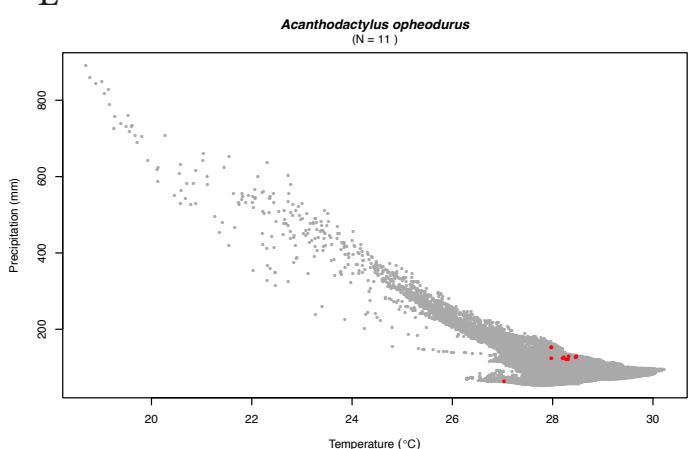
S33: Species information

Lizards

Lacertids, Lacertidae

B**Useful information**

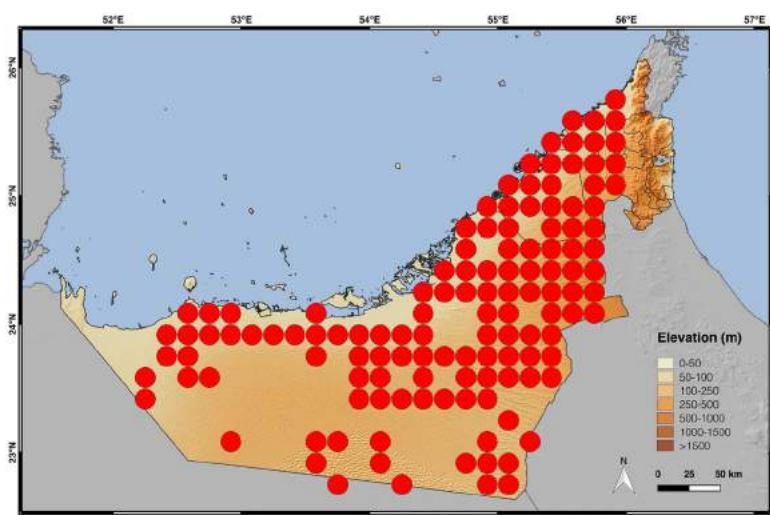
IUCN Category	LC/DD
Venomous	NO
Endemic	NO
Origin	Native

A**D****C****F****E**

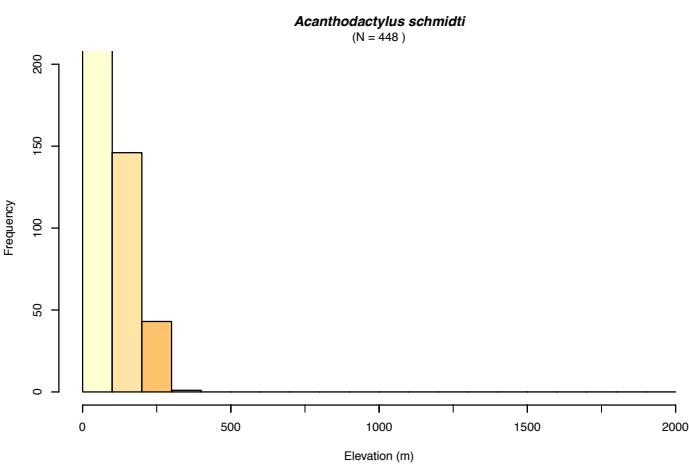
Acanthodactylus schmidti

Haas, 1957

A



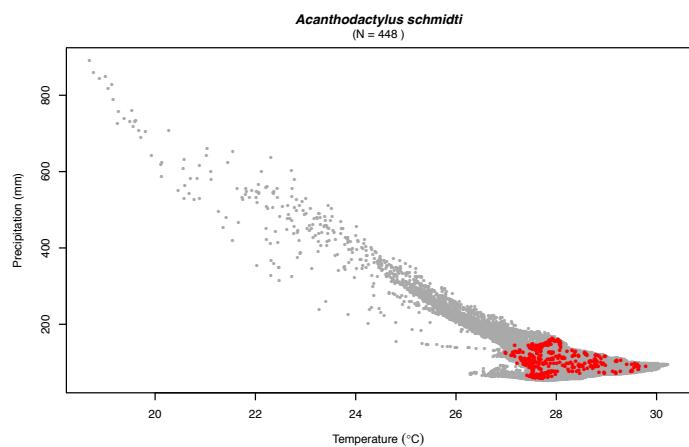
C



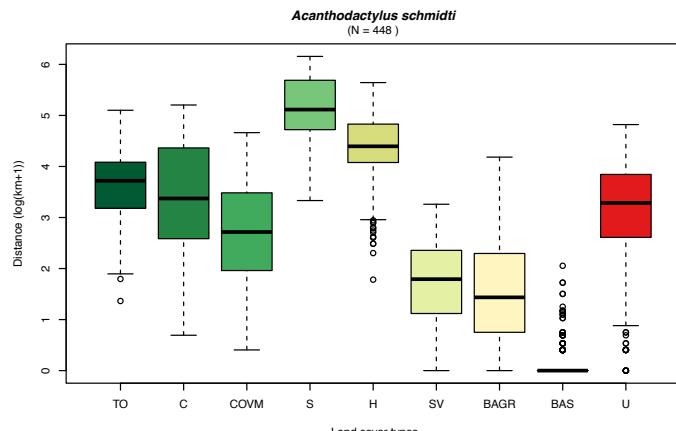
D



E



F



Lizards

Agamids

Geckos

Lacertids

Skinks

Amphisbaenids

Varanids

Snakes

Boidae

Colubridae

Lamprophiidae

Leptotyphlopidae

Typhlopidae

Viperidae

S34: Species information

Lizards

Lacertids, Lacertidae

B

Useful information

IUCN Category	LC/LC
Venomous	NO
Endemic	NO
Origin	Native

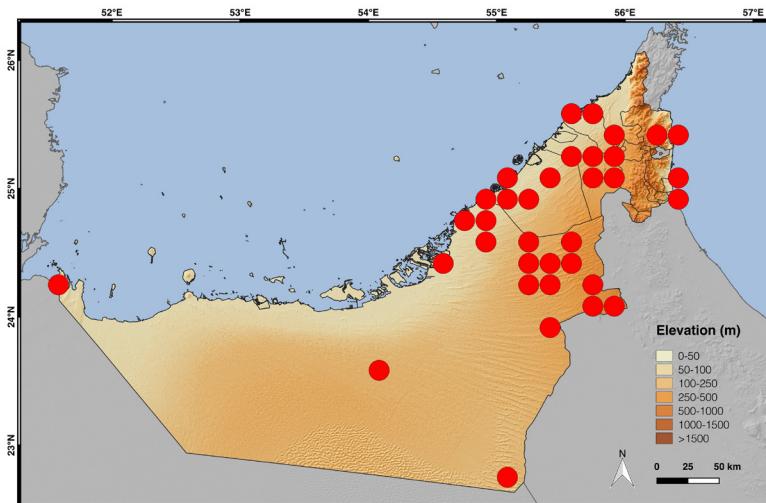
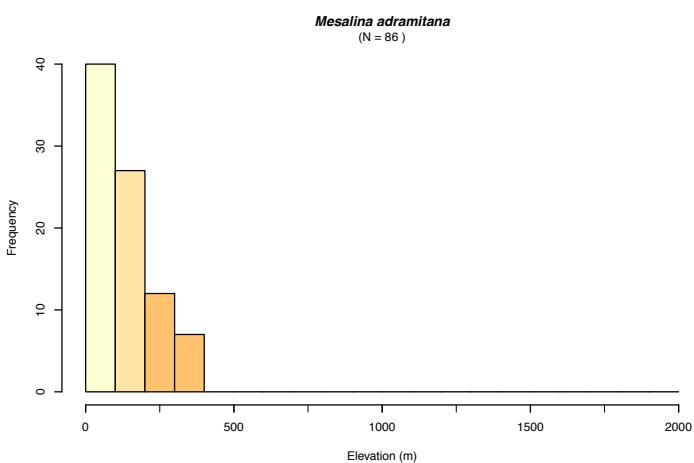
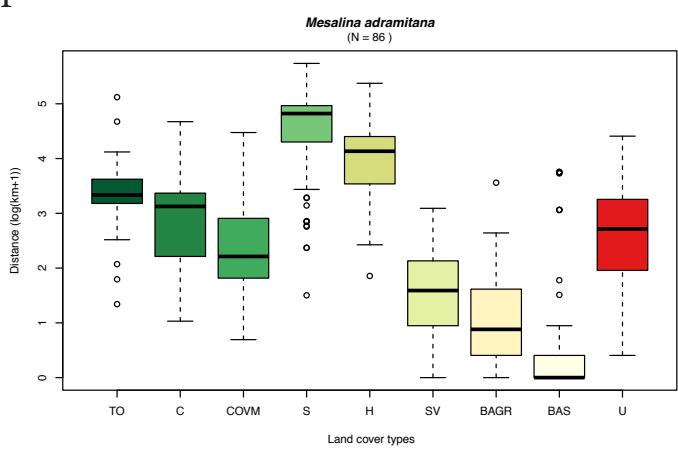
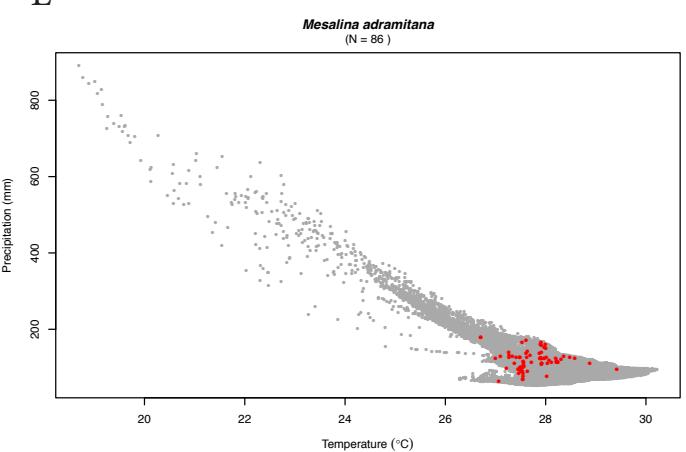
S35: Species information

Lizards

Lacertids, Lacertidae

B**Useful information**

IUCN Category	LC/LC
Venomous	NO
Endemic	NO
Origin	Native

A**D****C****F****E**

Lizards

Agamids

Geckos

Skinks

Amphisbaenids

Varanids

Snakes

Boidae

Colubridae

Lamprophiidae

Leptophiidae

Typhlopidae

Viperidae

Mesalina brevirostris

Blanford, 1874

Lizards

Agamids

Geckos

Lacertids

Skinks

Amphisbaenids

Varanids

Snakes

Boidae

Colubridae

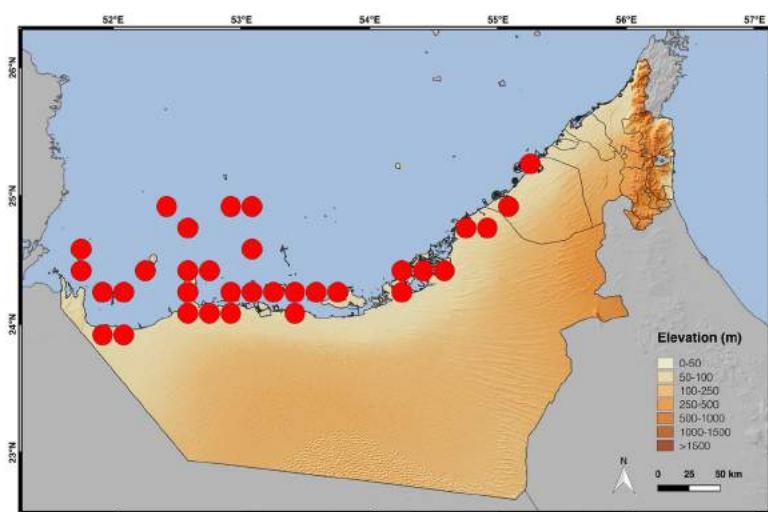
Lamprophiidae

Leptotyphlopidae

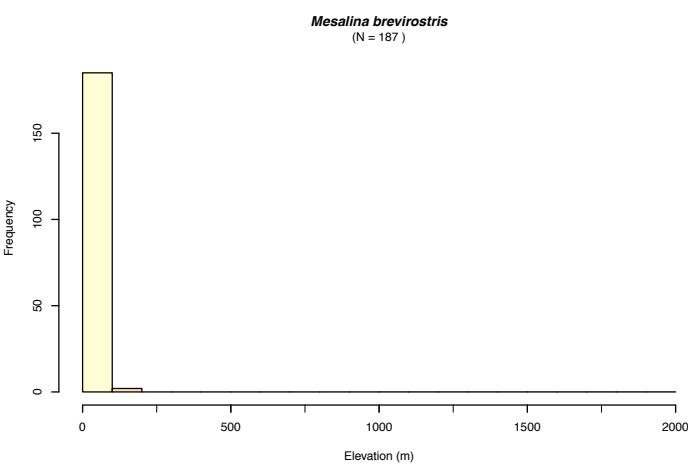
Typhlopidae

Viperidae

A



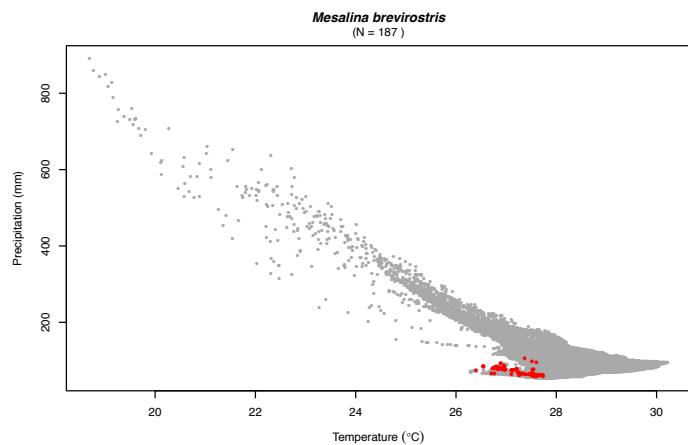
C



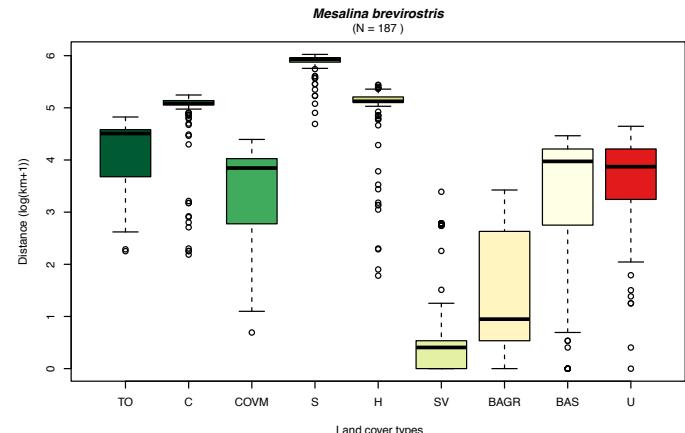
D



E



F



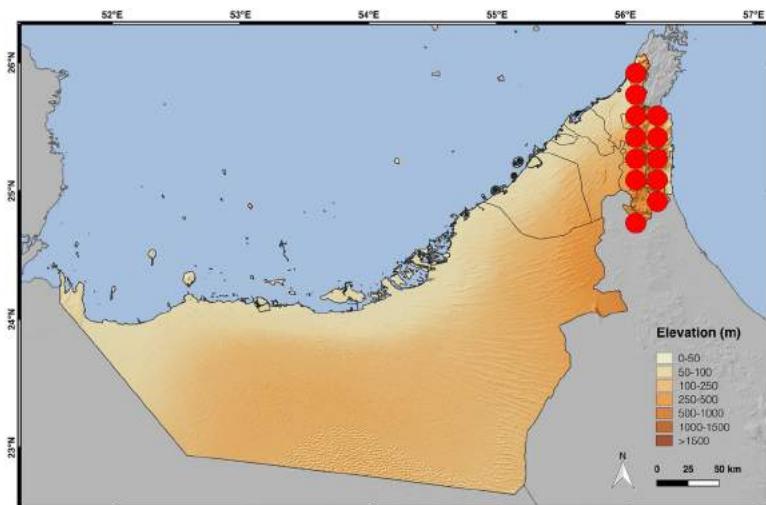
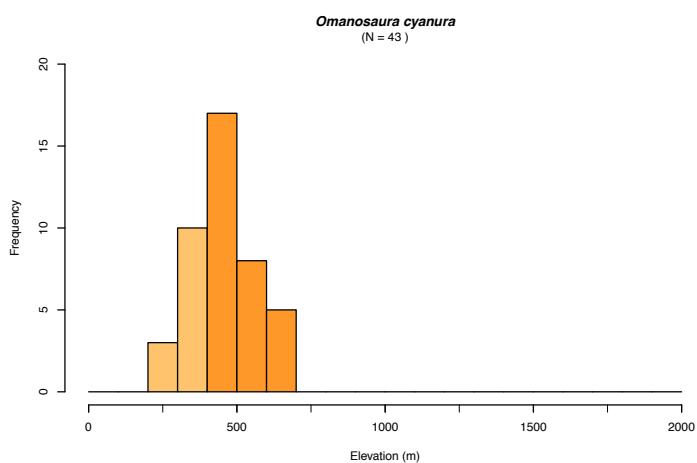
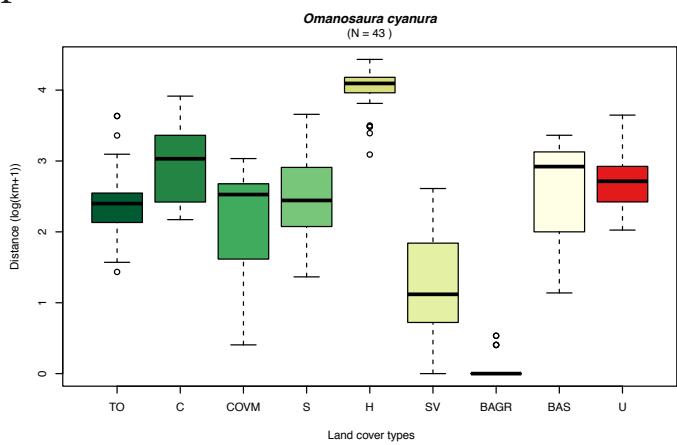
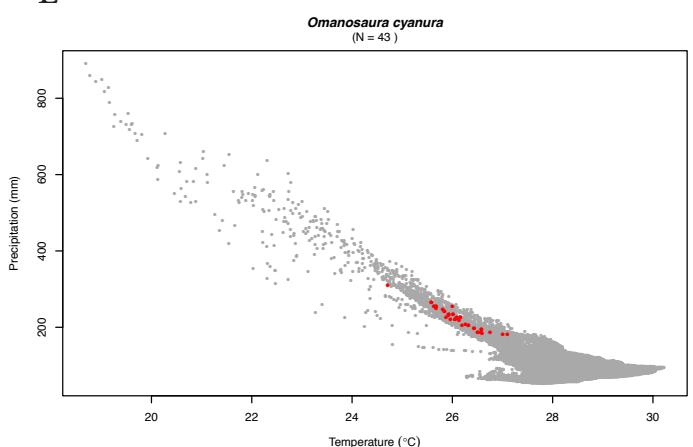
S37: Species information

Lizards

Lacertids, Lacertidae

B**Useful information**

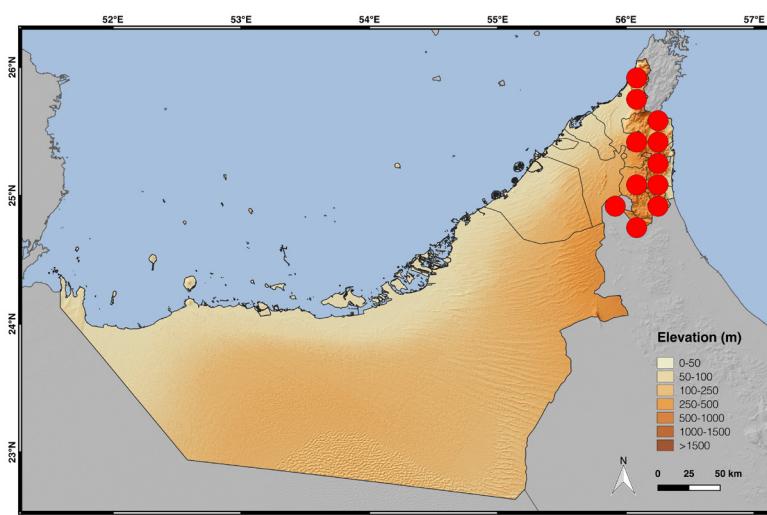
IUCN Category	LC/LC
Venomous	NO
Endemic	NO
Origin	Native

A**D****C****F****E**

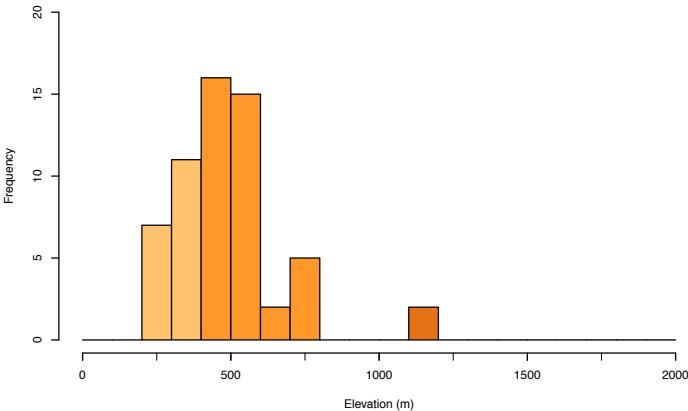
Lizards
Agamids
Geckos
Lacertids
Skinks
Amphisbaenids
Varanids
Snakes
Boidae
Colubridae
Lamprophiidae
Leptophiidae
Typhlopidae
Viperidae

Omanosaura jayakari (Boulenger, 1887)

A



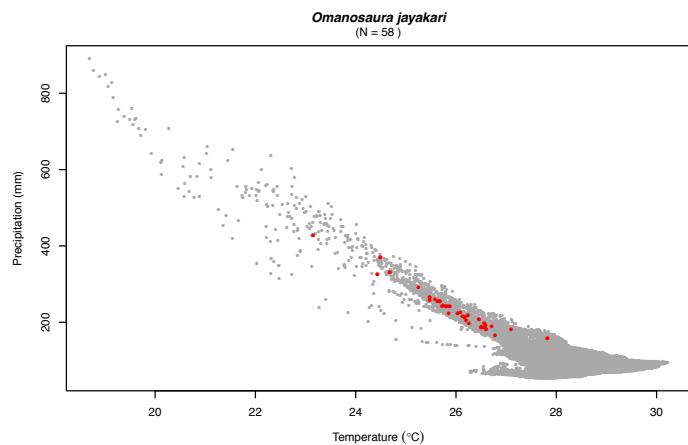
C

Omanosaura jayakari
(N = 58)

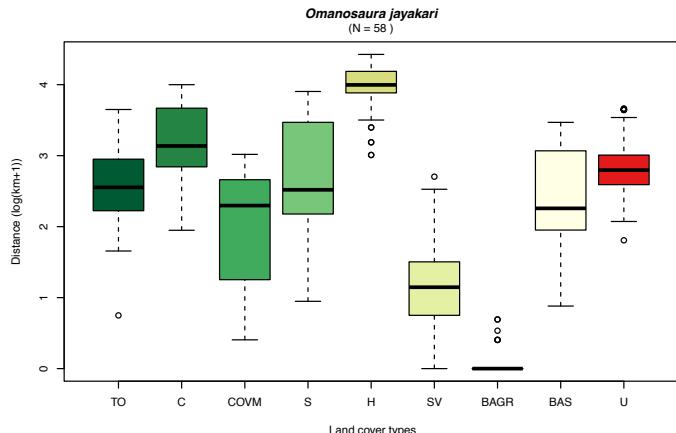
D



E



F



S38: Species information

Lizards

Lacertids, Lacertidae

Lizards

Agamids

Geckos

Lacertids

Skinks

Amphisbaenids

Varanids

Snakes

Boidae

Colubridae

Lamprophiidae

Leptotyphlopidae

Typhlopidae

Viperidae

S39: Species information

Lizards

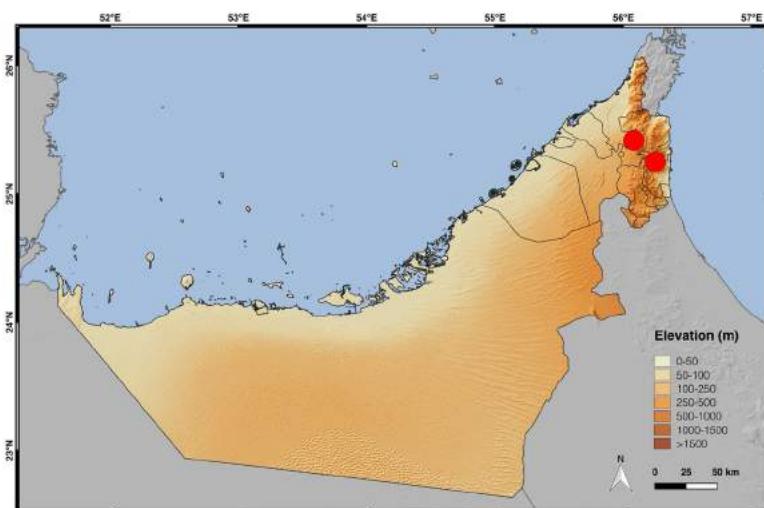
Skinks, Scincidae

B

Useful information

IUCN Category	LC/LC
Venomous	NO
Endemic	NO
Origin	Native

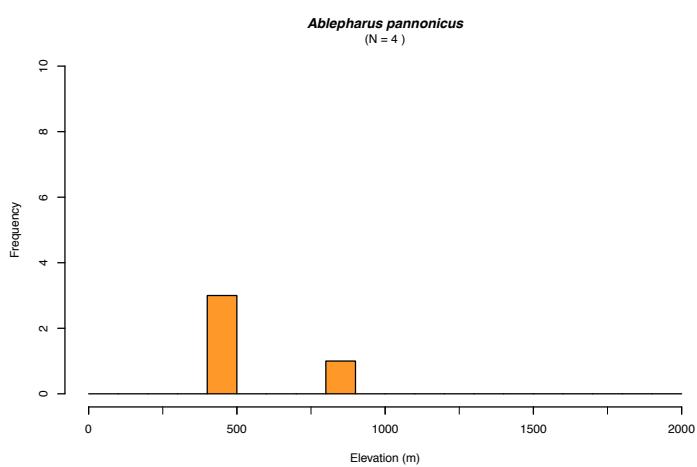
A



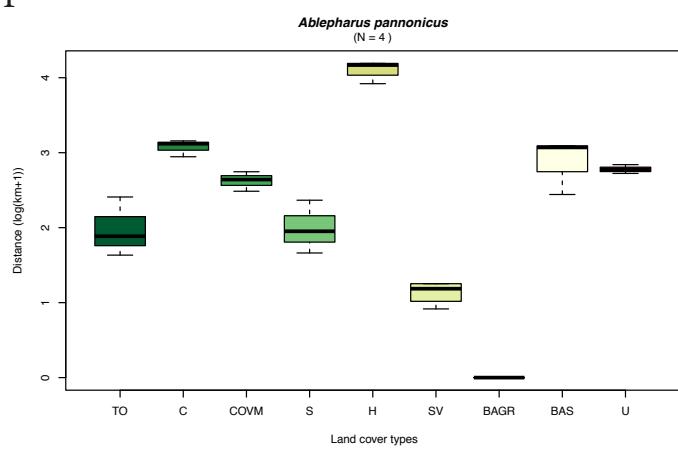
D



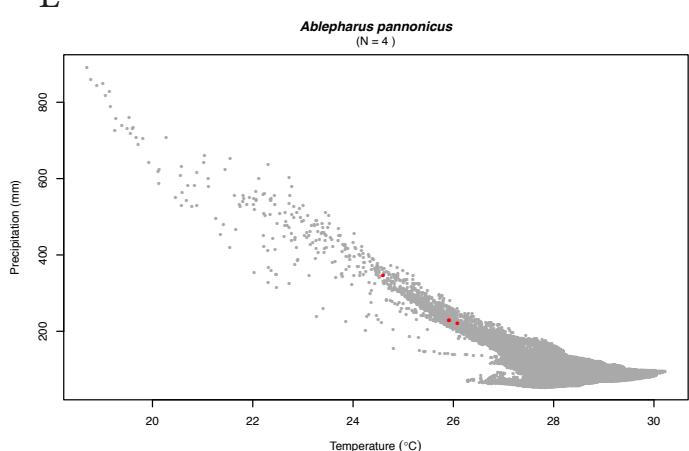
C



F



E



Lizards

Agamids

Geckos
Lacertids

Skinks

Amphisbaenids
Varanids
Snakes

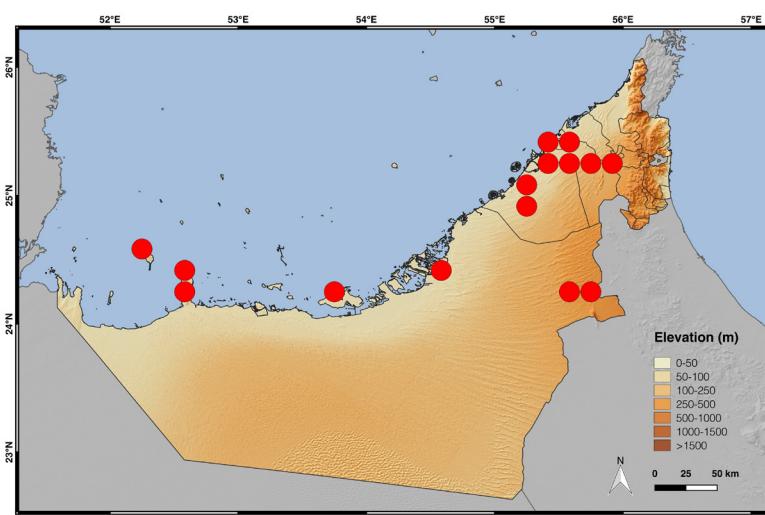
Boidae

Colubridae

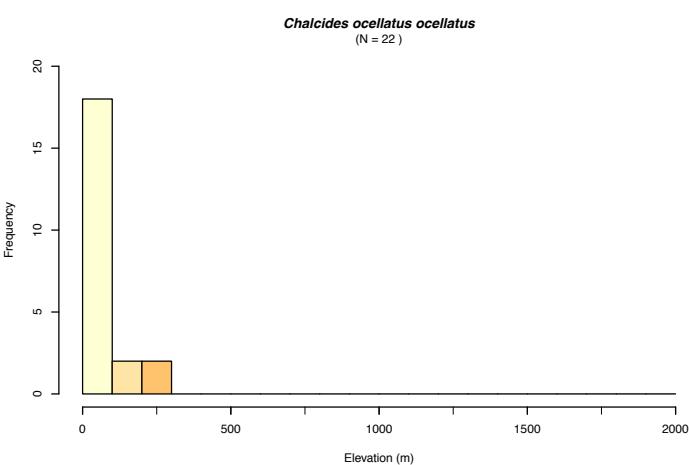
Leptophiidae
LamprophiidaeTyphlopidae
Viperidae

Chalcides ocellatus ocellatus (Forskål, 1775)

A



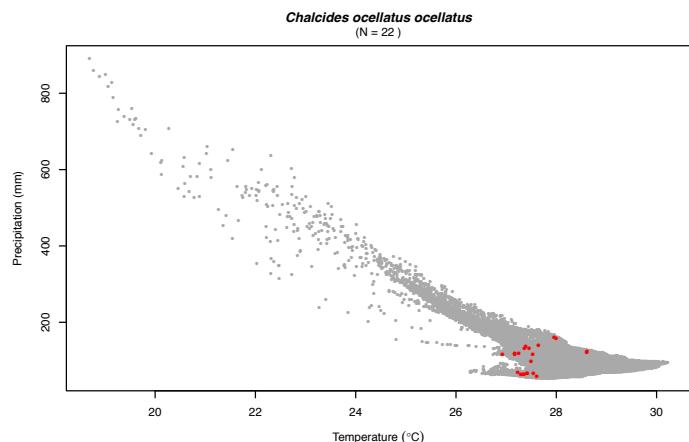
C



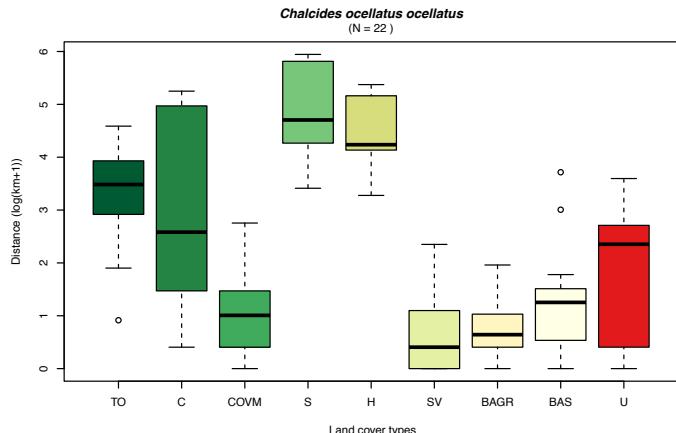
D



E



F



Lizards

Agamids

Geckos

Lacertids

Skinks

Amphisbaenids

Varanids

Snakes

Boidae

Colubridae

Lamprophiidae

Leptotyphlopidae

Typhlopidae

Viperidae

S40: Species information

Lizards

Skinks, Scincidae

S41: Species information

Lizards

Skinks, Scincidae

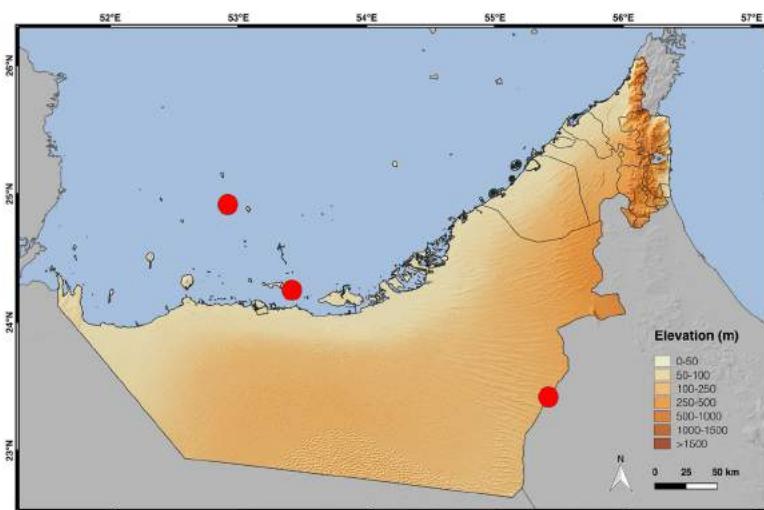
Heremites septemtaeniatus
(Reuss, 1834)

B

Useful information

IUCN Category	LC/DD
Venomous	NO
Endemic	NO
Origin	Native

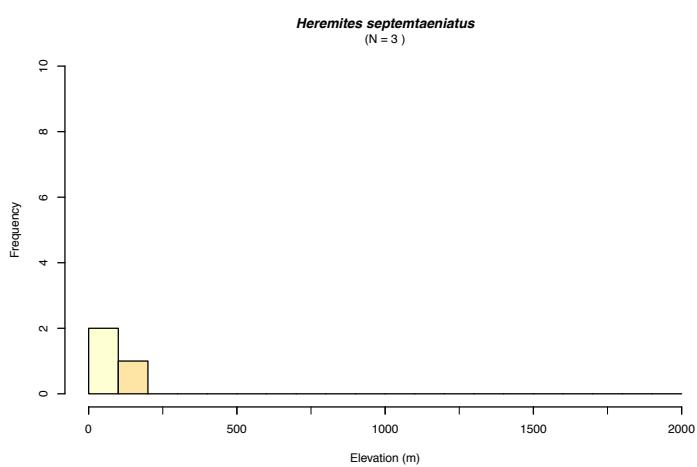
A



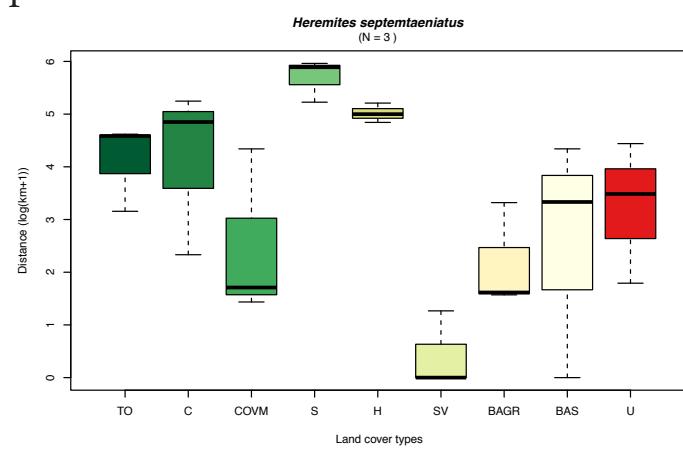
D



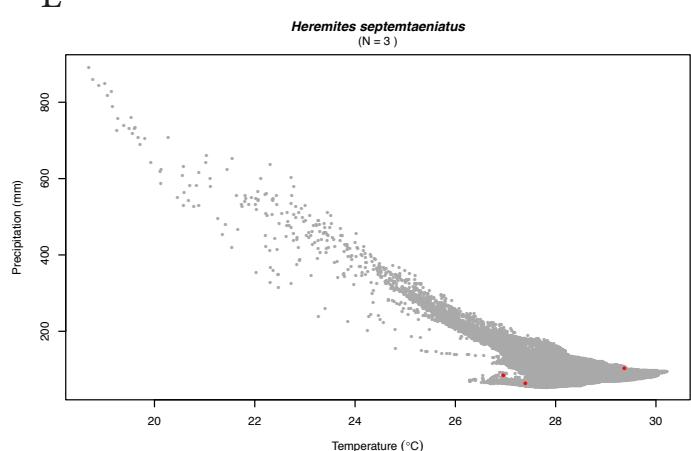
C



F



E



Lizards

Agamids

Geckos

Skinks

Amphisbaenids

Varanids

Snakes

Boidae

Colubridae

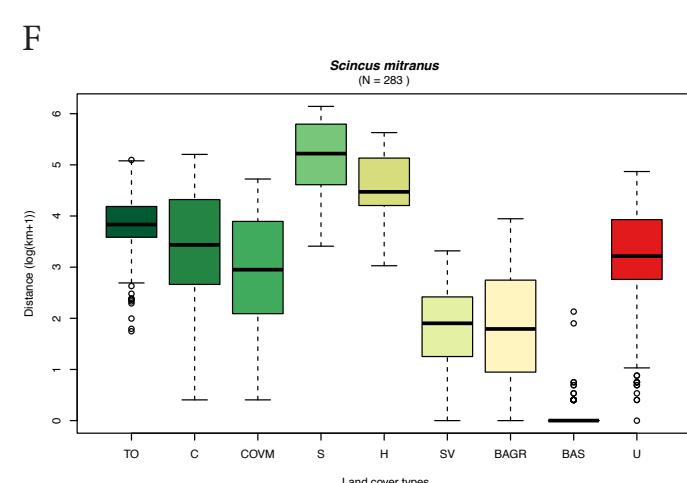
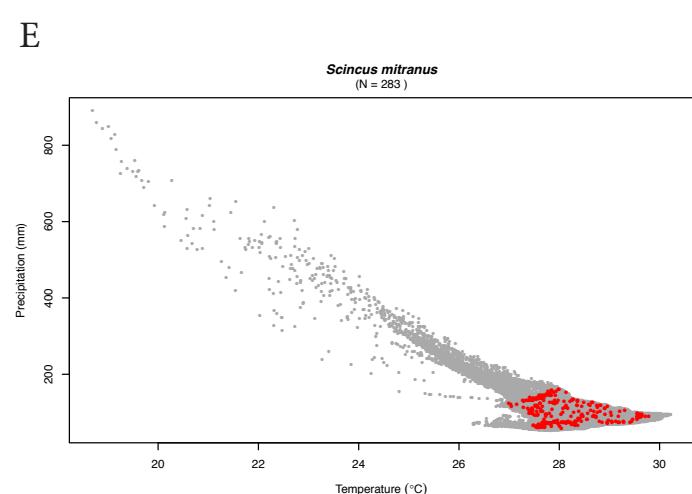
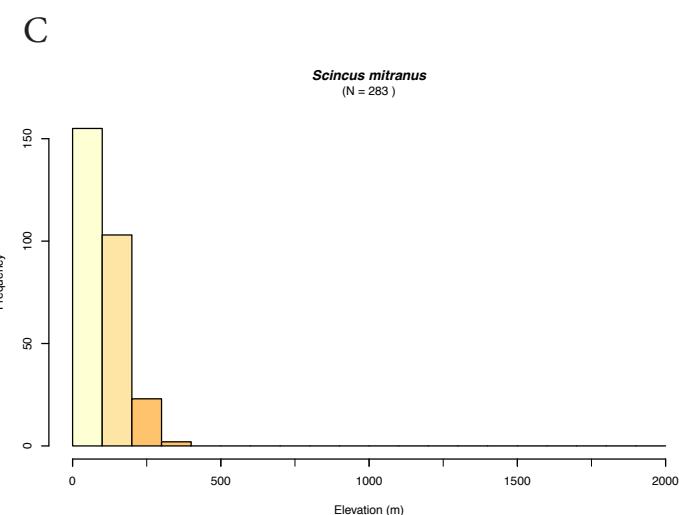
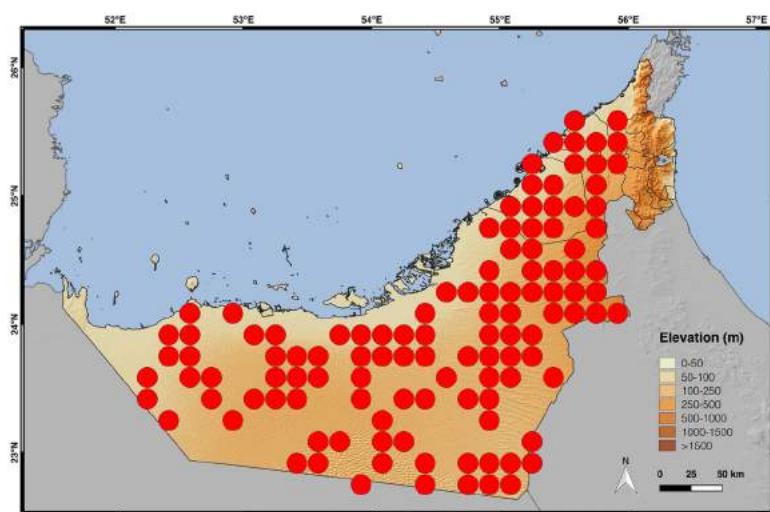
Lamprophiidae

Leptophiidae

Typhlopidae

Viperidae

Scincus mitranus
Anderson, 1871
A



S42: Species information

Lizards

Skinks, Scincidae

B

Useful information

IUCN Category	LC/LC
Venomous	NO
Endemic	NO
Origin	Native

S43: Species information

Lizards

Skinks, Scincidae

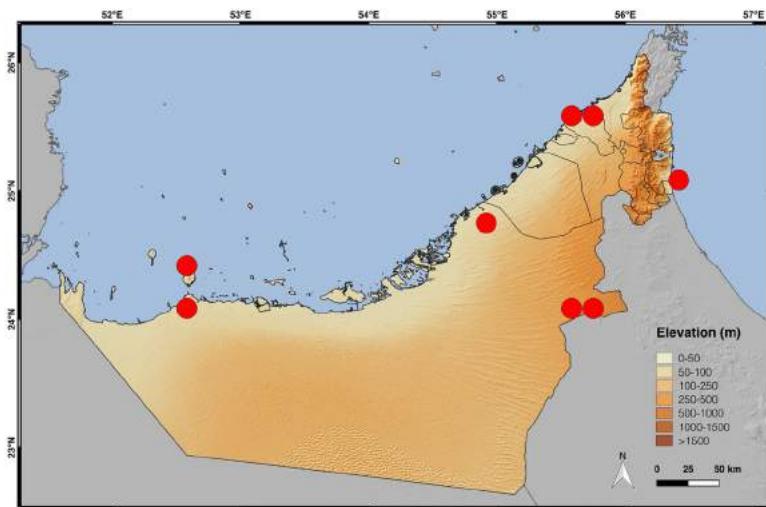
Scincus scincus conirostris
Blanford, 1881

B

Useful information

IUCN Category	LC/DD
Venomous	NO
Endemic	NO
Origin	Native

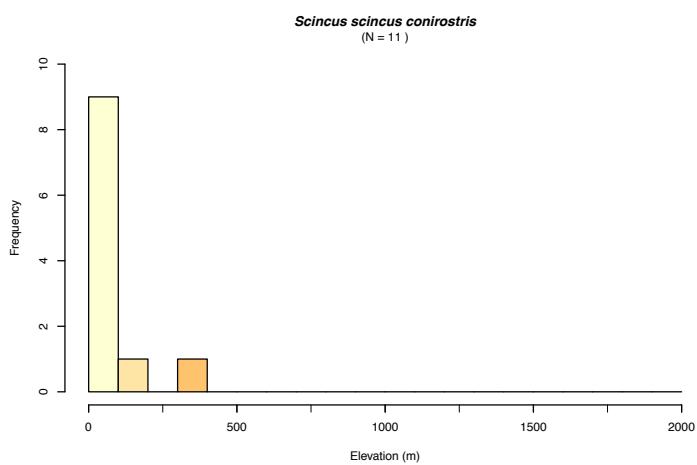
A



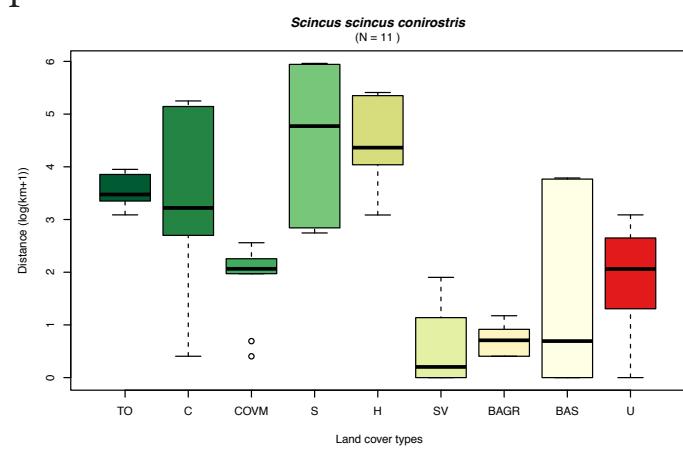
D



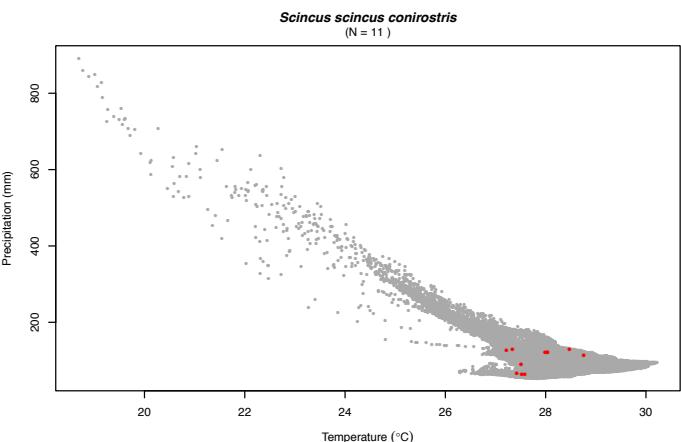
C



F



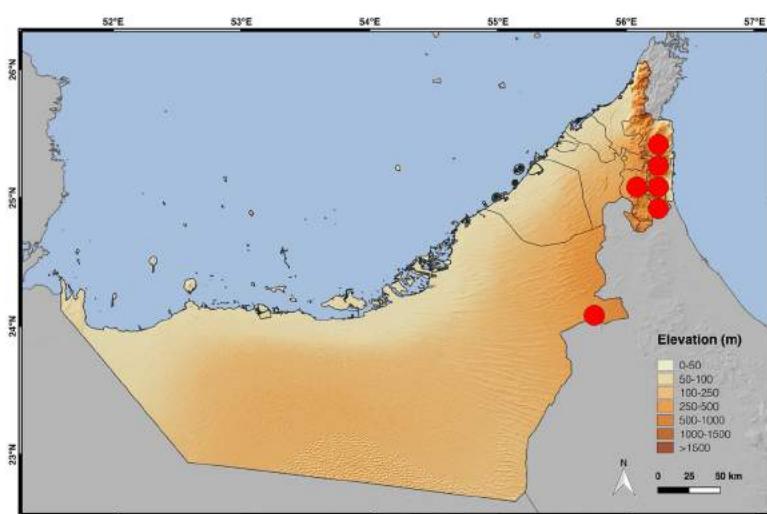
E



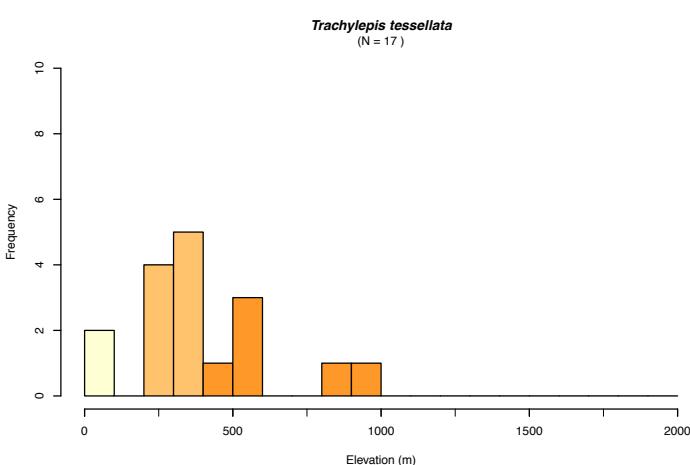
- Lizards
- Agamids
- Geckos
- Lacertids
- Skinks
- Amphisbaenids
- Varanids
- Snakes
- Boidae
- Colubridae
- Lamprophiidae
- Leptophiidae
- Typhlopidae
- Viperidae

Trachylepis tessellata (Anderson, 1895)

A



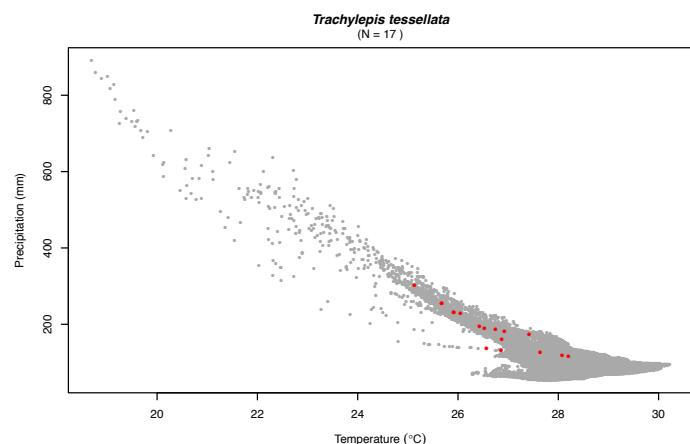
C



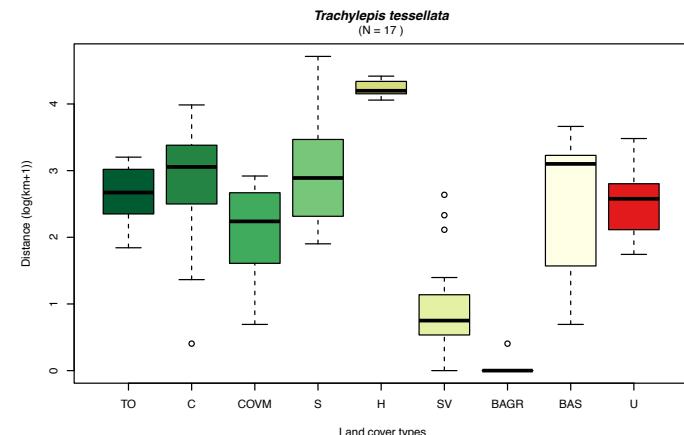
D



E



F



Lizards

Agamids

Geckos

Lacertids

Skinks

Amphisbaenids

Varanids

Snakes

Boidae

Colubridae

Lamprophiidae

Leptotyphlopidae

Typhlopidae

Viperidae

S44: Species information

Lizards

Skinks, Scincidae

B

Useful information

IUCN Category	LC/LC
Venomous	NO
Endemic	NO
Origin	Native

S45: Species information

Lizards

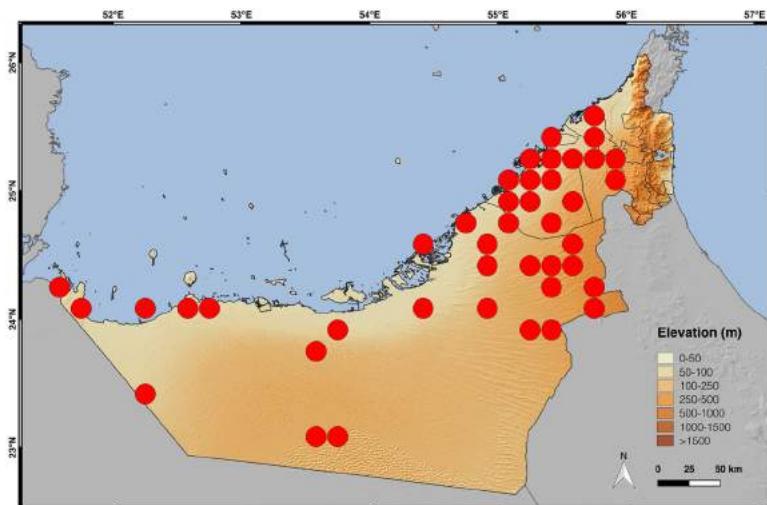
Amphisbaenids, Tropidophidae

Diplometopon zarudnyi
Nikolsky, 1907

A
B

Useful information

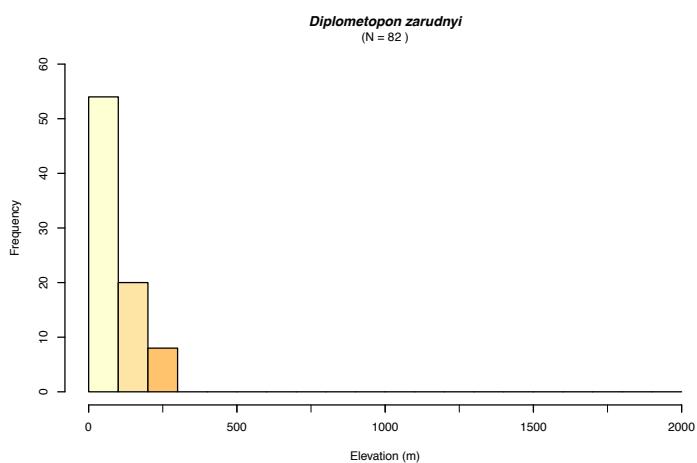
IUCN Category	LC/LC
Venomous	NO
Endemic	NO
Origin	Native



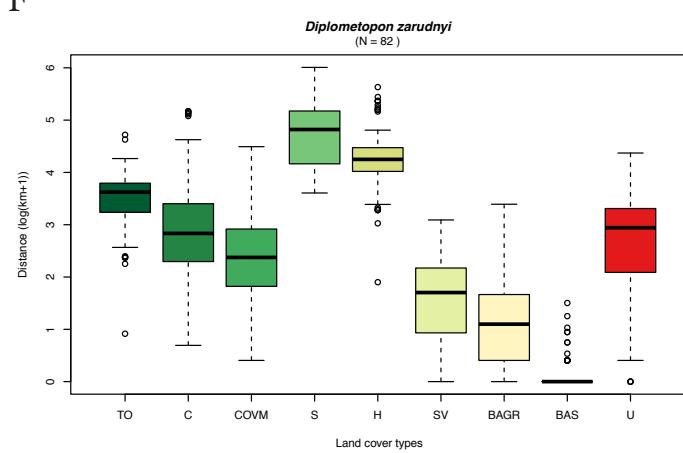
D



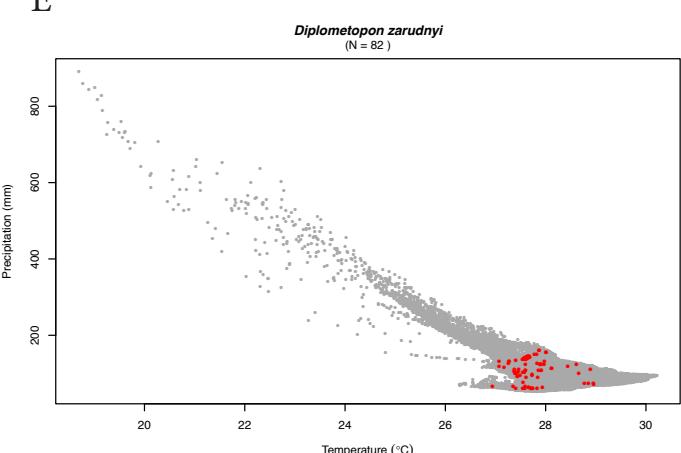
C



F



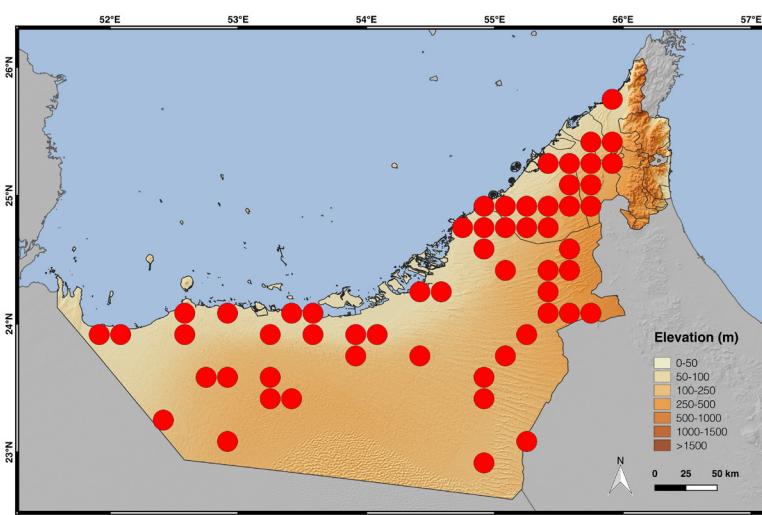
E



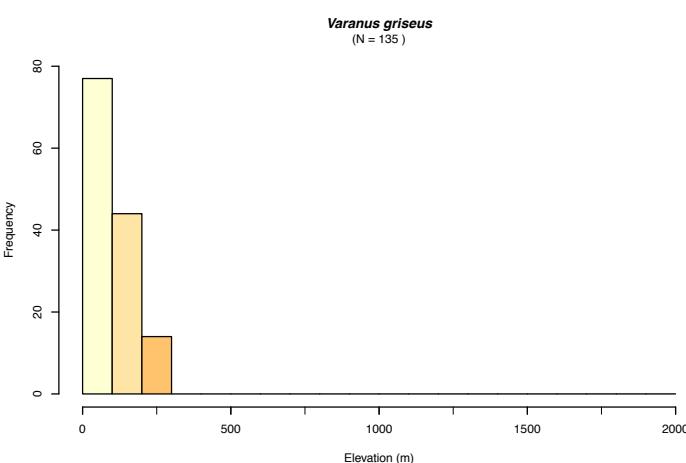
- Lizards
- Amphisbaenids
- Geckos
- Varanids
- Boidae
- Colubridae
- Lamprophiidae
- Leptotyphlopidae
- Typhlopidae
- Viperidae

Varanus griseus griseus (Daudin, 1803)

A



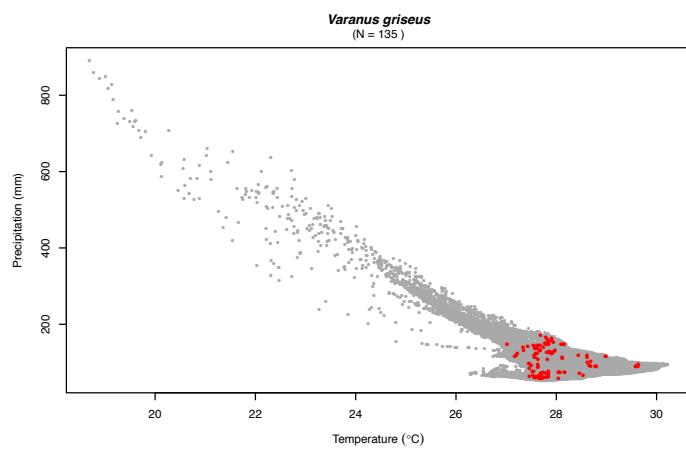
C



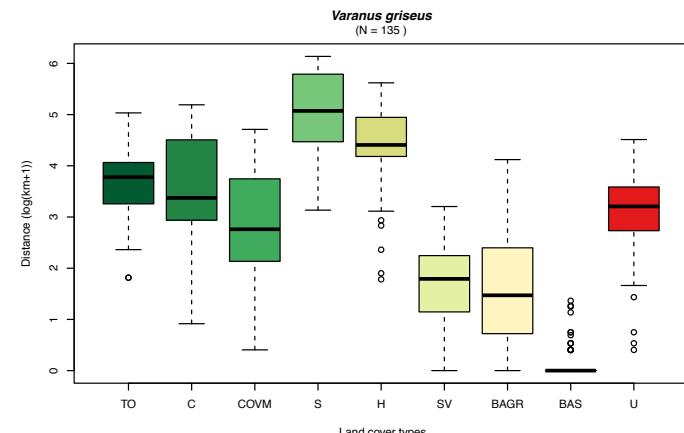
D



E



F



Lizards

Agamids

Geckos

Lacertids

Skinks

Amphisbaenids

Varanids

Snakes

Boidae

Colubridae

Lamprophiidae

Leptotyphlopidae

Typhlopidae

Viperidae

S46: Species information

Lizards

Varanids, Varanidae

B

Useful information

IUCN Category	LC/LC
Venomous	NO
Endemic	NO
Origin	Native

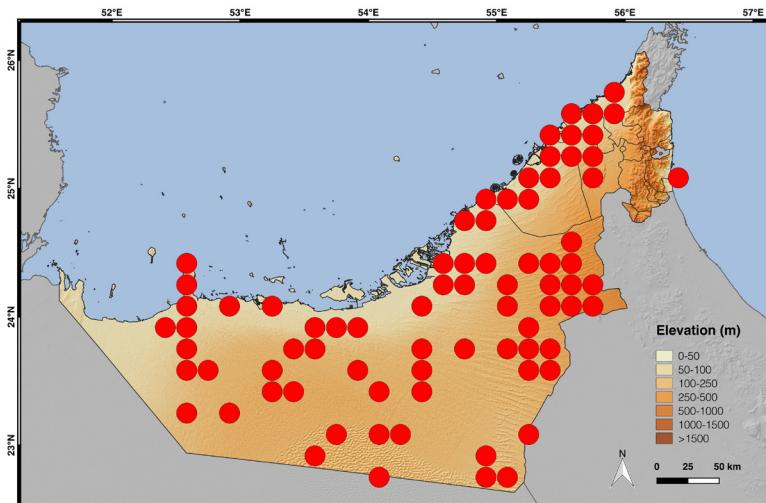
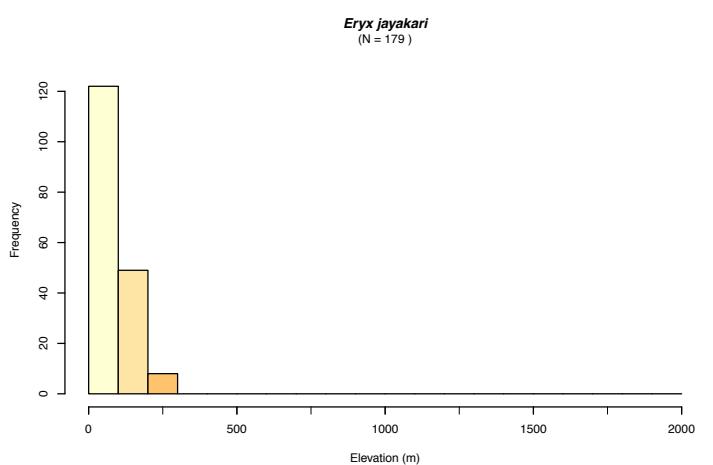
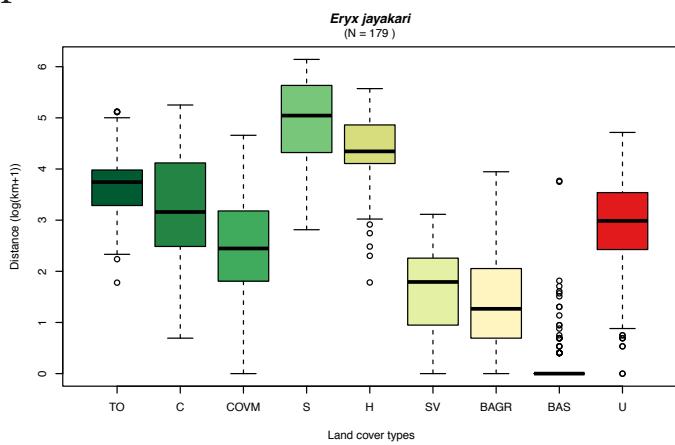
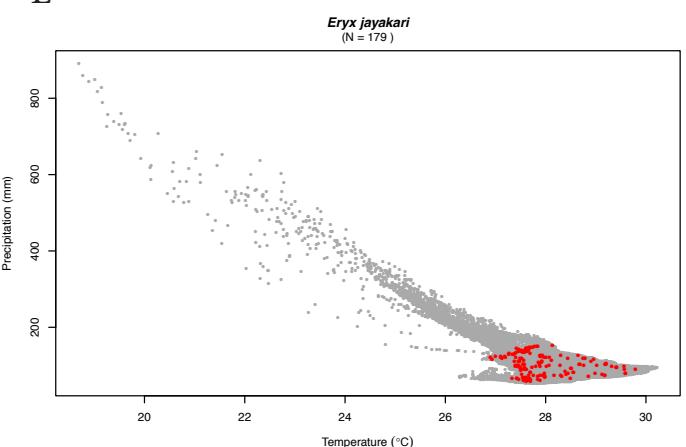
S47: Species information

Snakes

Boidae

B**Useful information**

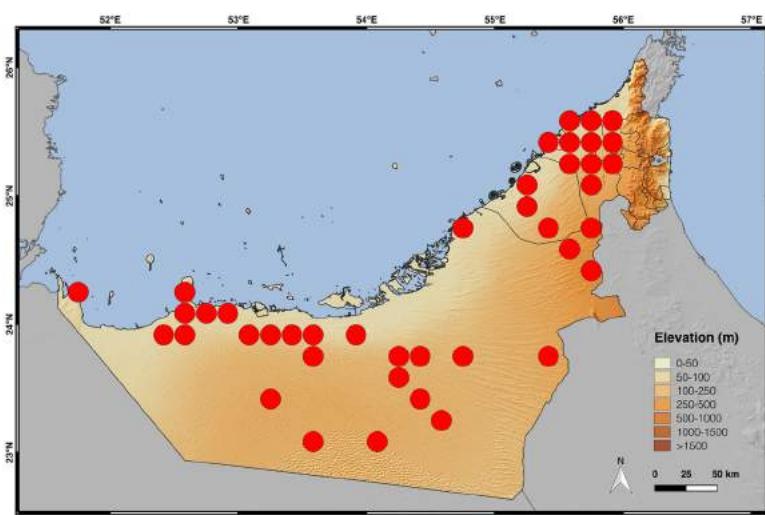
IUCN Category	LC/LC
Venomous	NO
Endemic	NO
Origin	Native

A**D****C****F****E**

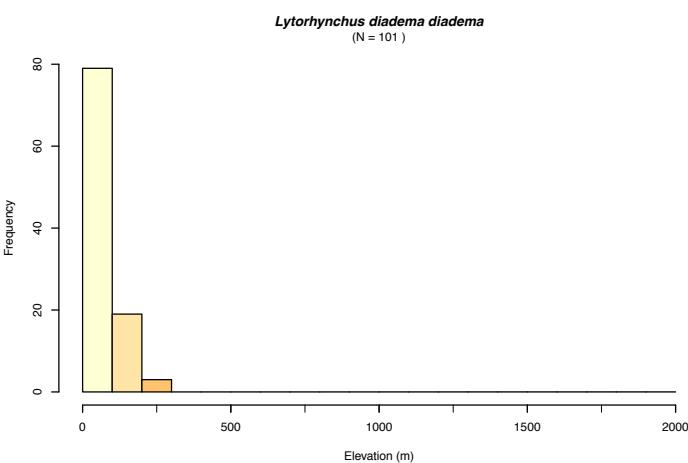
Lytorhynchus diadema diadema

(Duméril, Bibron & Duméril, 1854)

A



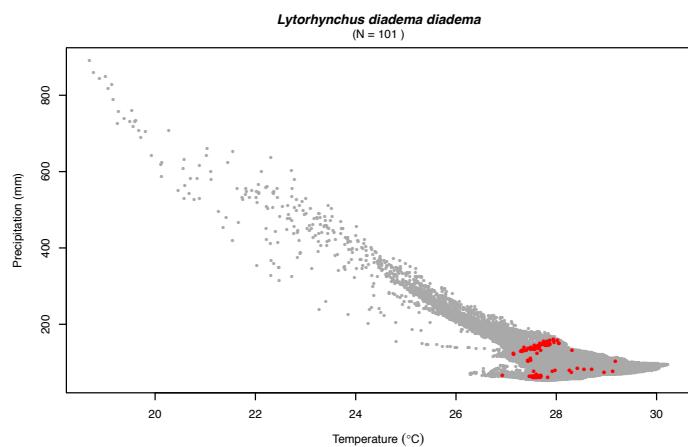
C



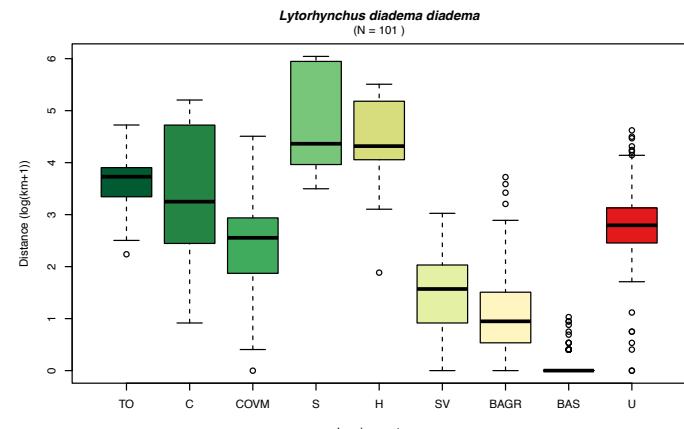
D



E



F



Lizards

Agamids

Geckos

Lacertids

Skinks

Amphisbaenids

Varanids

Snakes

Boidae

Colubridae

Lamprophiidae

Leptotyphlopidae

Typhlopidae

Viperidae

S48: Species information

Snakes
Colubridae

S49: Species information

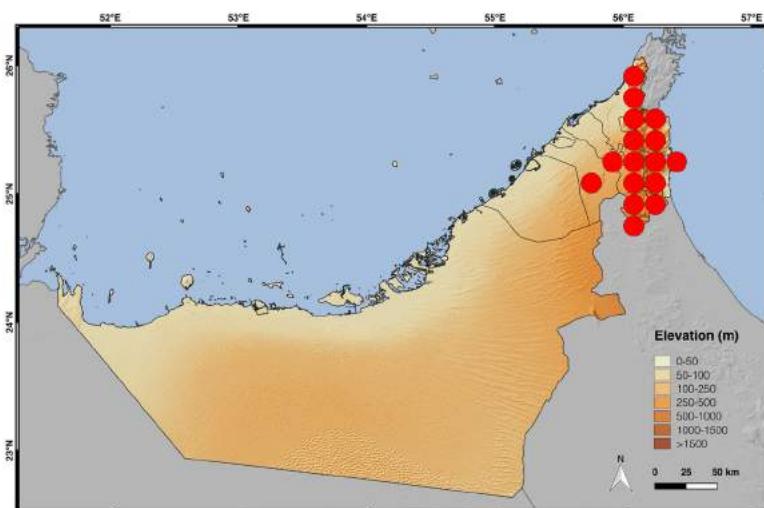
Snakes
Colubridae

B

Useful information

IUCN Category	LC/LC
Venomous	NO
Endemic	NO
Origin	Native

A



Lizards

Agamids

Geckos

Skinks

Amphisbaenids

Varanids

Snakes

Boidae

Colubridae

Lamprophiidae

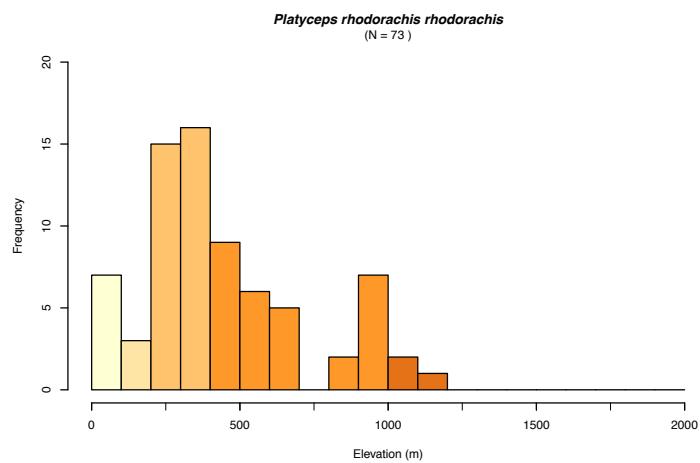
Leptophiidae

Viperidae

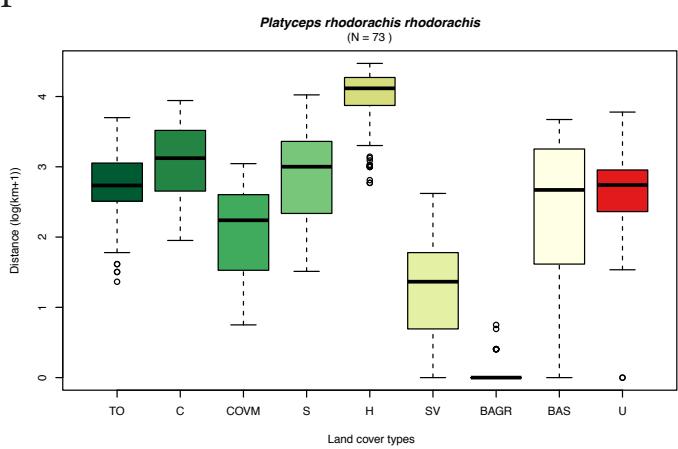
D



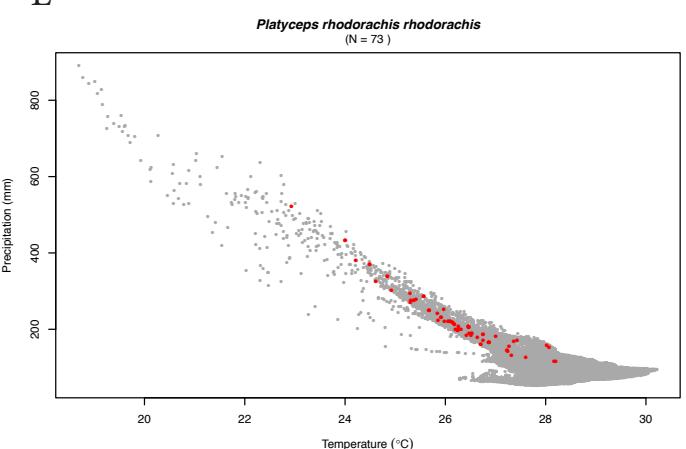
C



F



E



Lizards

Agamids

Geckos

Skinks

Amphisbaenids

Varanids

Snakes

Boidae

Colubridae

Lamprophiidae

Leptophiidae

Viperidae

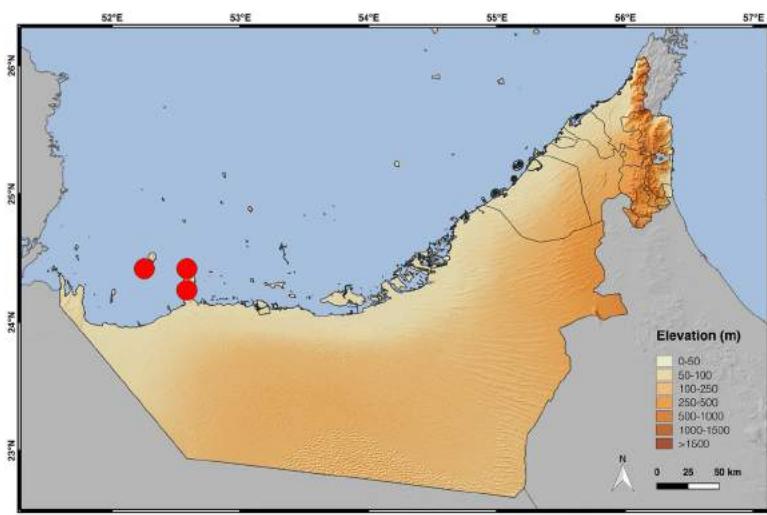
Platyceps ventromaculatus

(Gray, 1834)

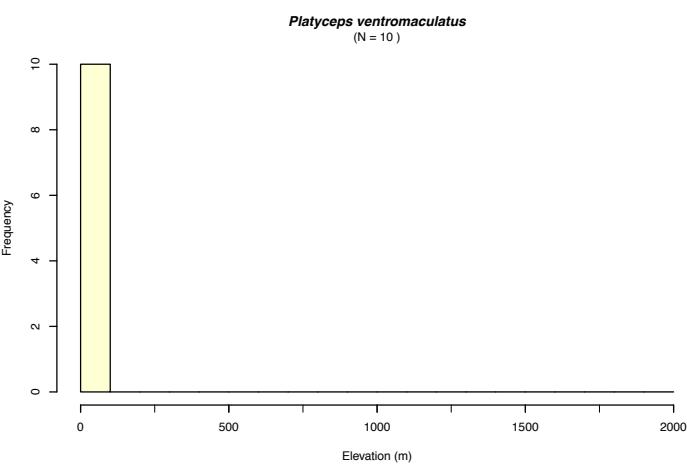
S50: Species information

Snakes
Colubridae

A



C



B

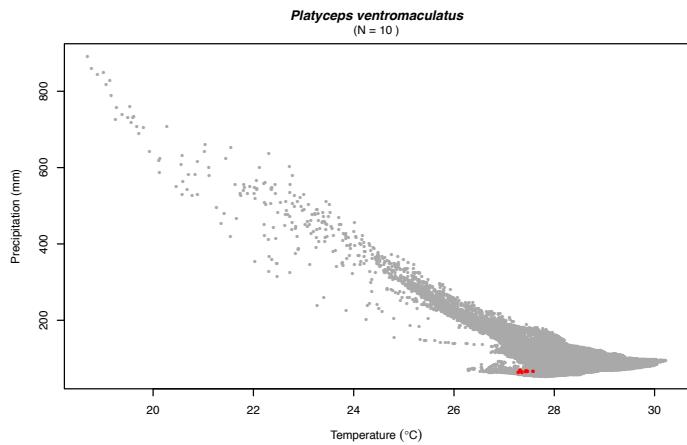
Useful information

IUCN Category	LC/VU
Venomous	NO
Endemic	NO
Origin	Native

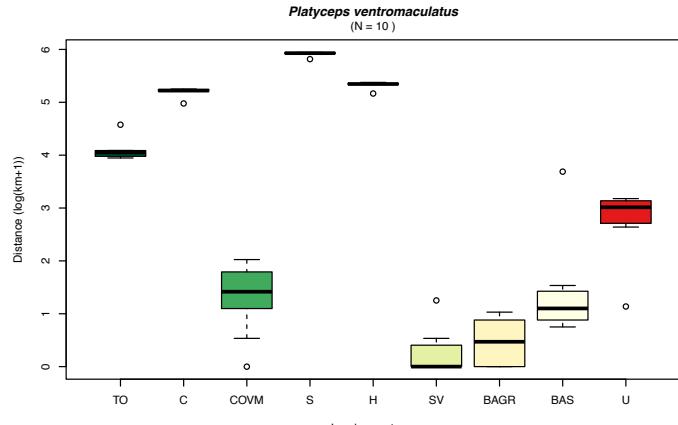
D



E



F



S51: Species information

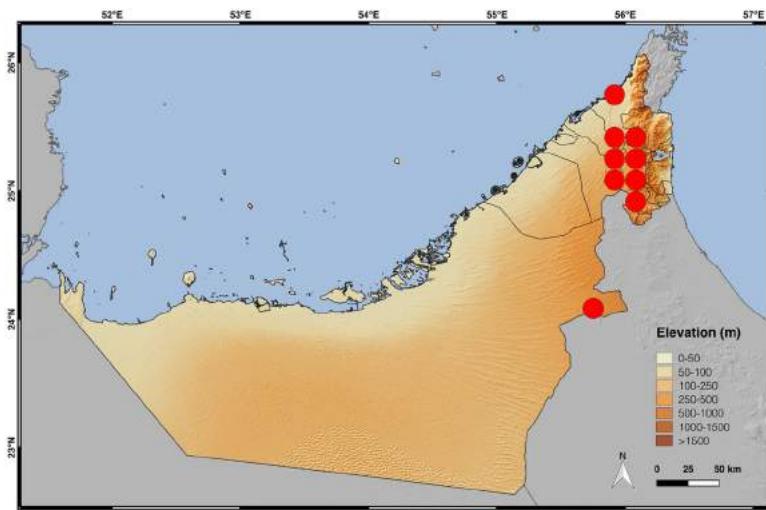
Snakes
Colubridae

B

Useful information

IUCN Category	LC/LC
Venomous	NO
Endemic	NO
Origin	Native

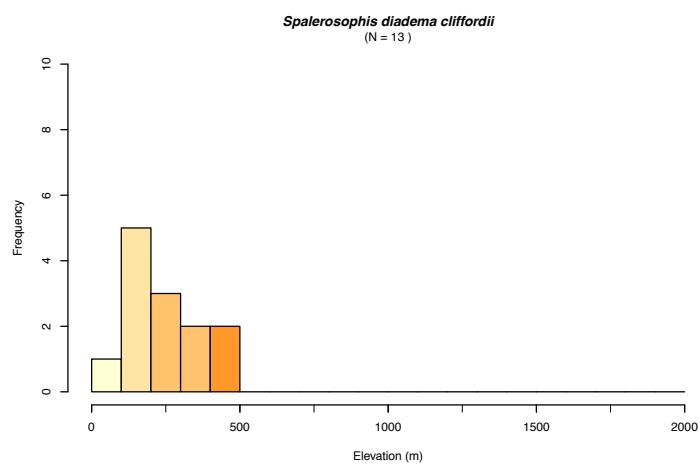
A



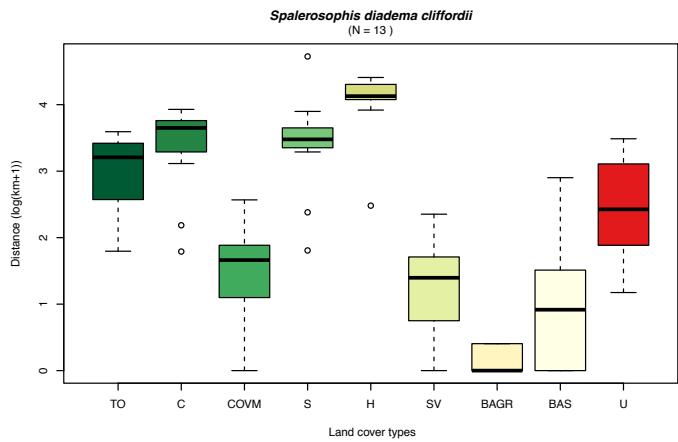
D



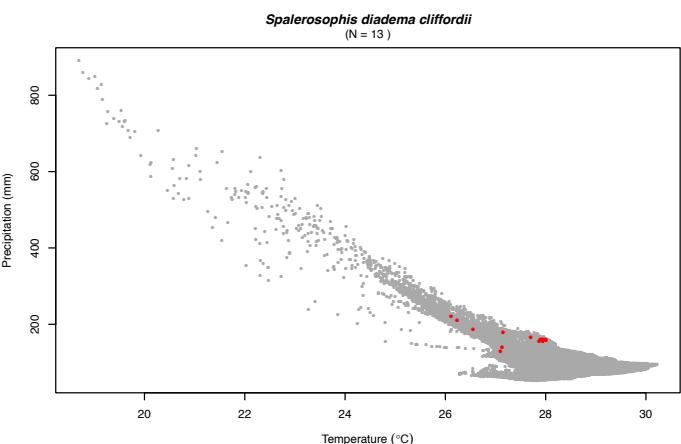
C



F



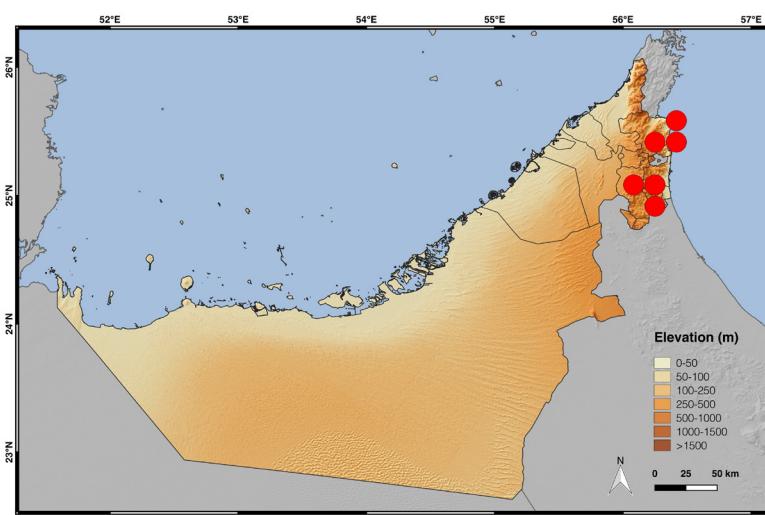
E



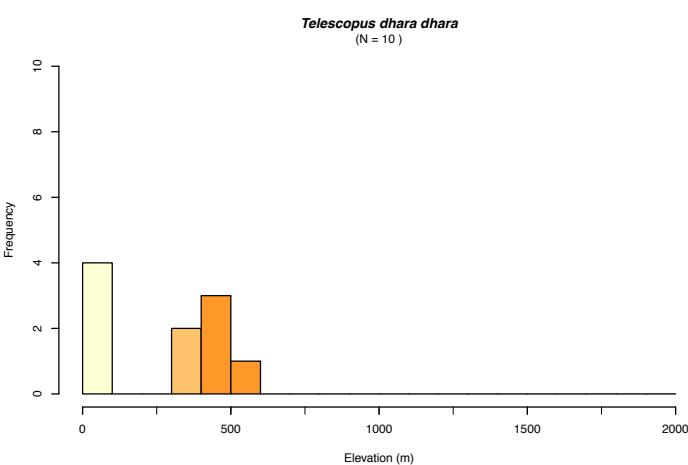
Telescopus dhara dhara

(Forskål, 1775)

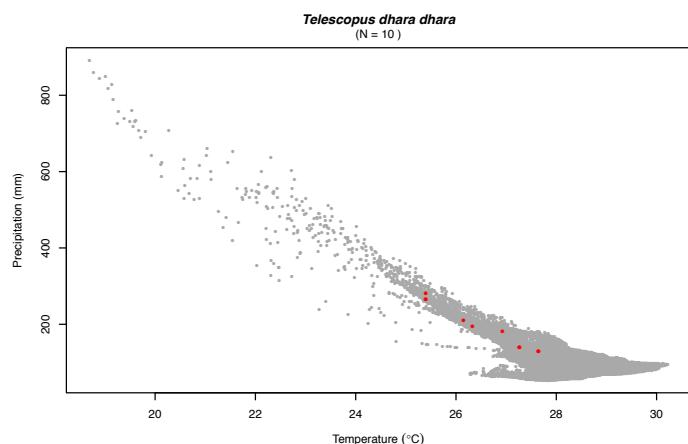
A



C



E



B

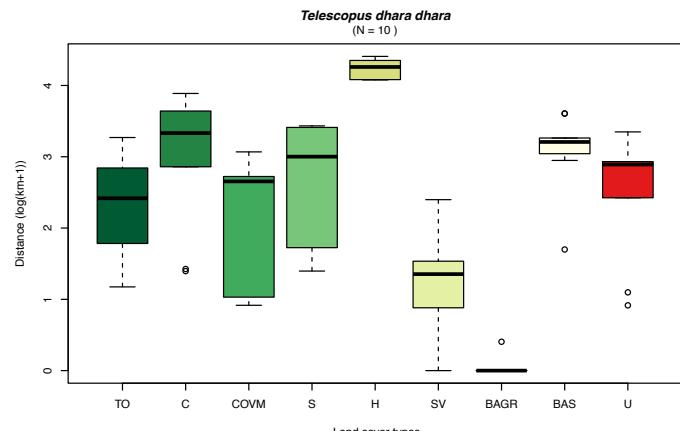
Useful information

IUCN Category	LC/LC
Venomous	Slightly
Endemic	NO
Origin	Native

D



F



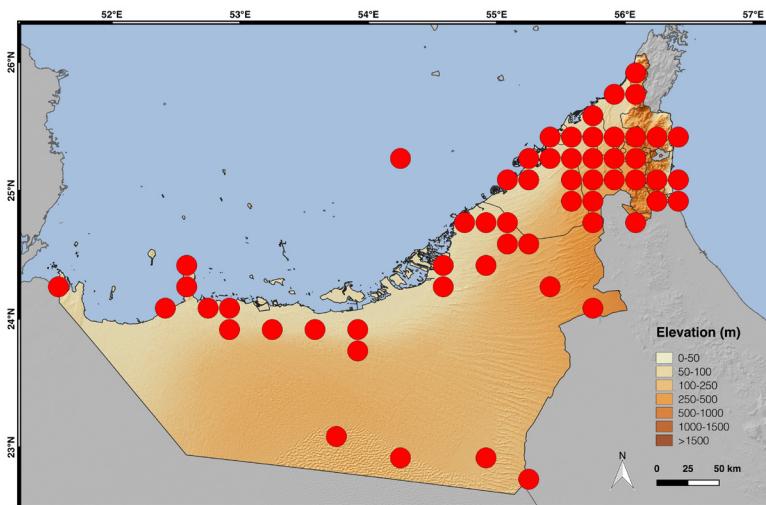
S53: Species information

Snakes

Lamprophiidae

B**Useful information**

IUCN Category	LC/LC
Venomous	Slightly
Endemic	NO
Origin	Native

A

Lizards

Agamids

Geckos

Skinks

Amphisbaenids

Varanids

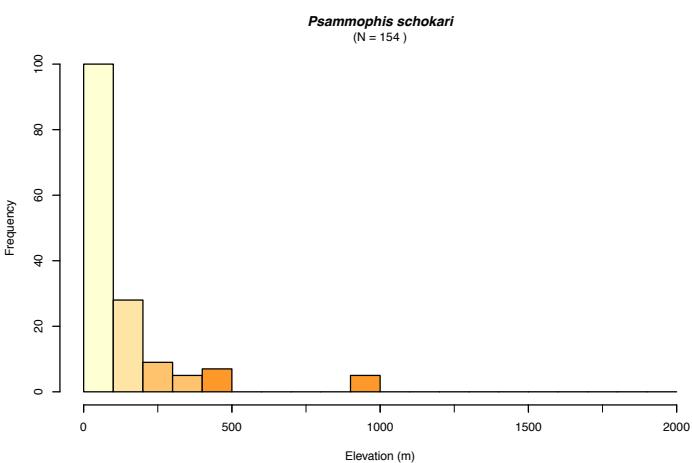
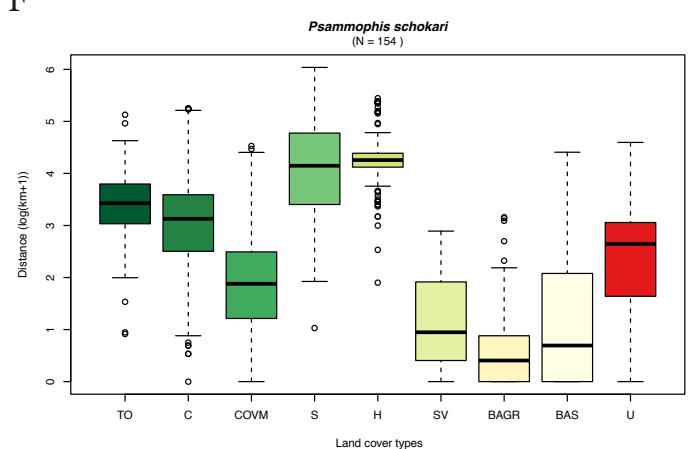
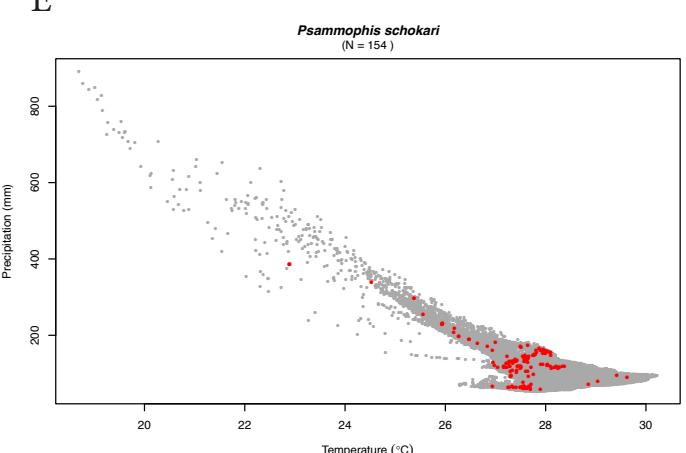
Boidae

Lamprophiidae

Viperidae

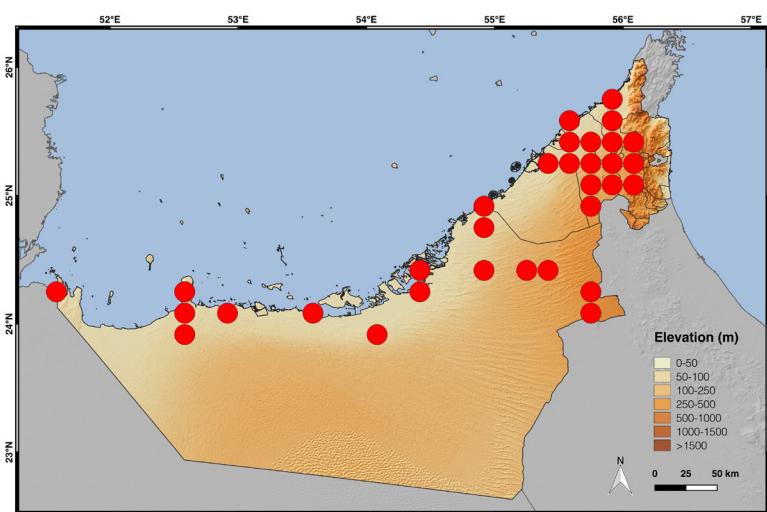
Leptotyphlopidae

Typhlopidae

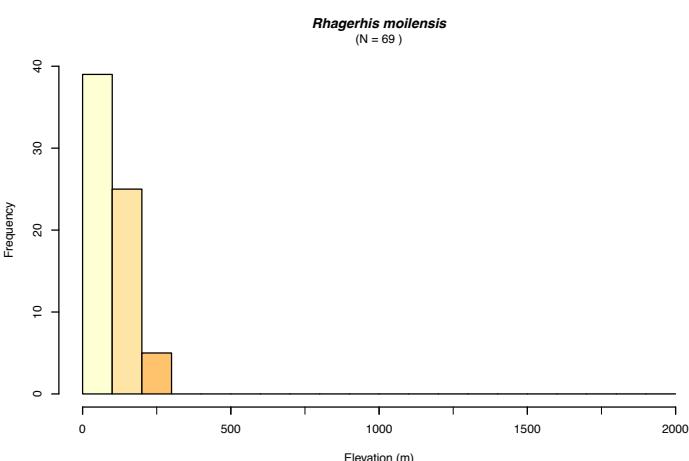
D**C****F****E**

Rhagerhis moilensis (Reuss, 1834)

A



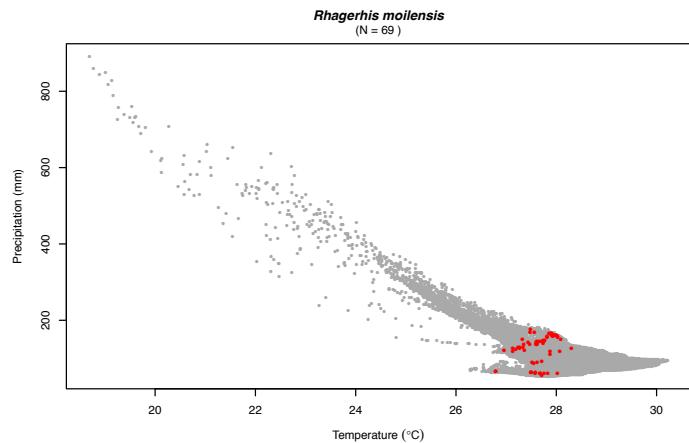
C



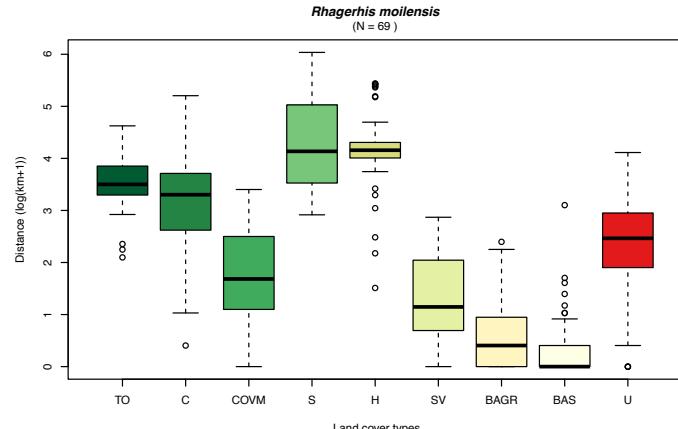
D



E



F



S54: Species information

Snakes

Lamprophidae

B

Useful information

IUCN Category	LC/LC
Venomous	Slightly
Endemic	NO
Origin	Native

S55: Species information

Snakes

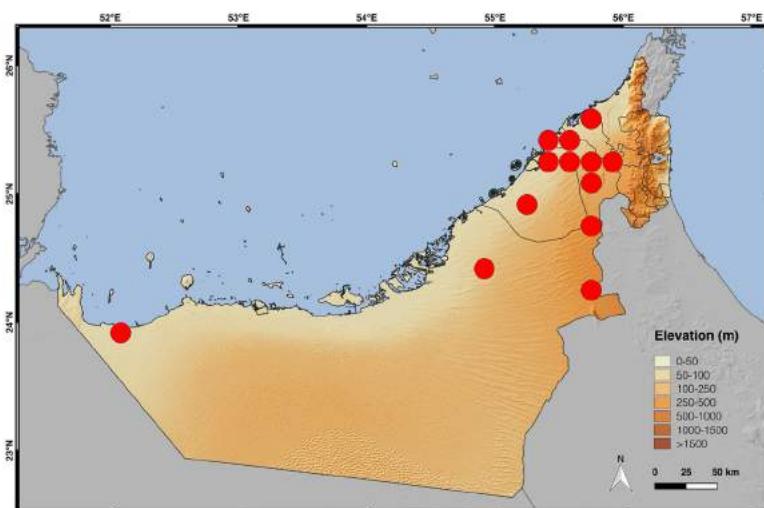
Leptotyphlopidae

B

Useful information

IUCN Category	LC/LC
Venomous	NO
Endemic	NO
Origin	Native

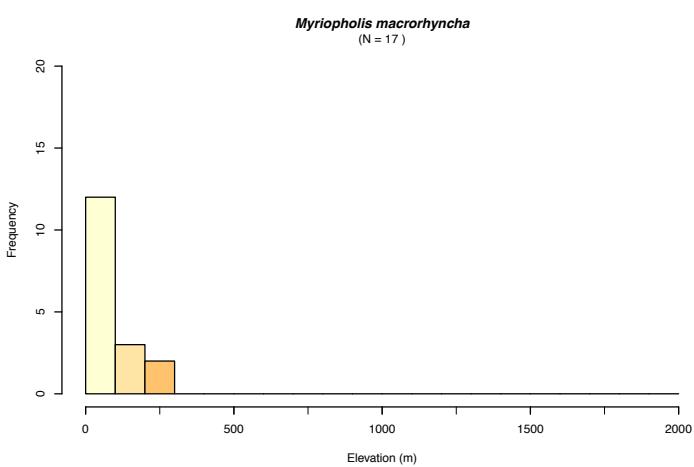
A



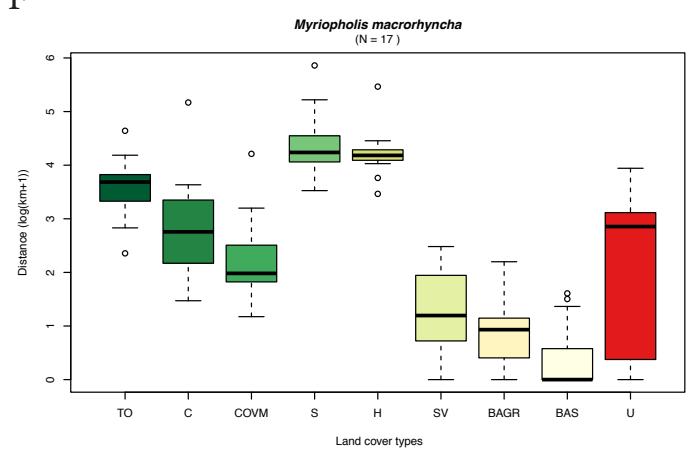
D



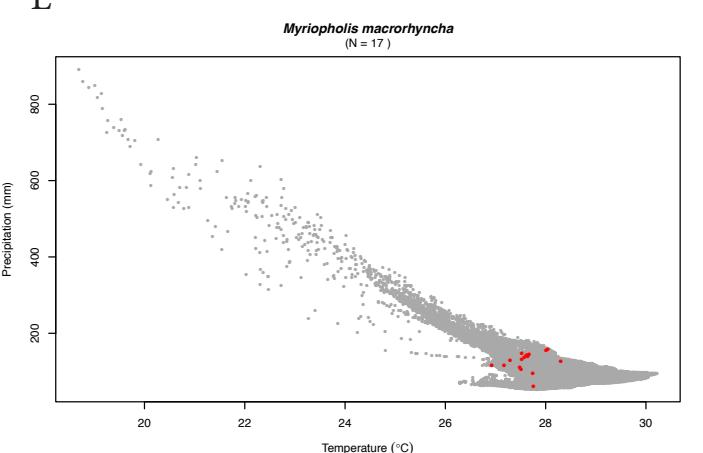
C



F



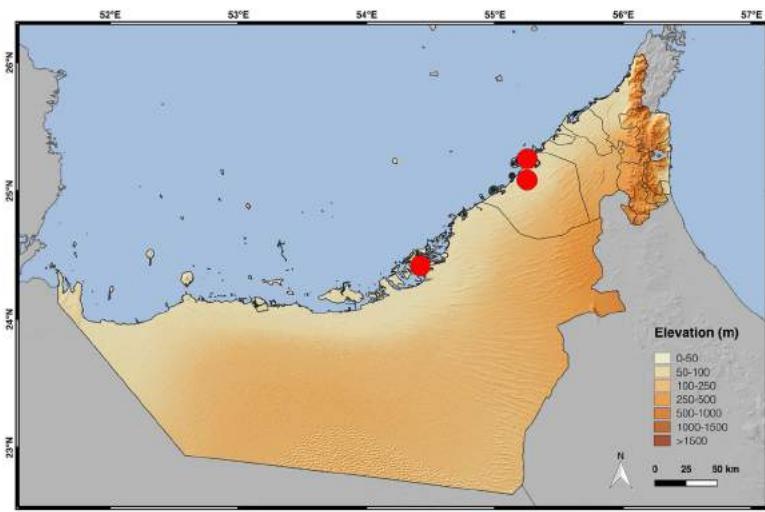
E



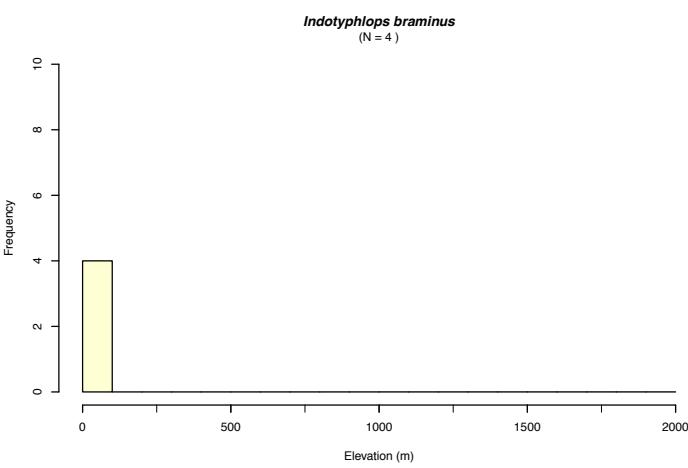
Indotyphlops braminus

(Daudin, 1803)

A



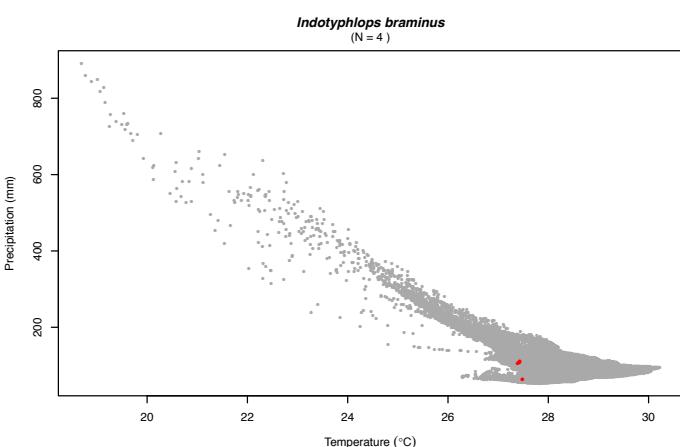
C



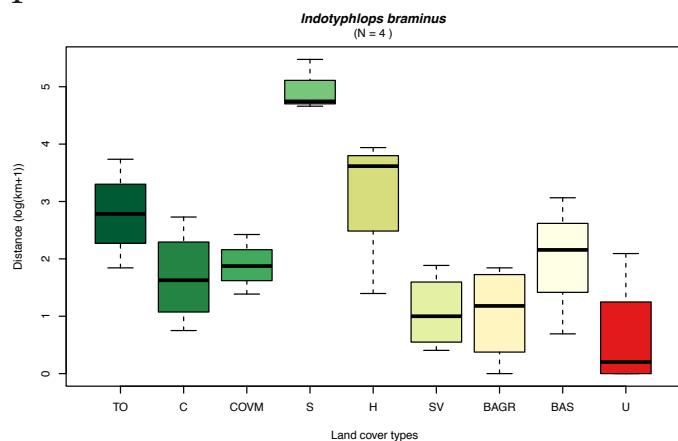
D



E



F



S56: Species information

Snakes
Typhlopidae

B

Useful information

IUCN Category	LC/NA
Venomous	NO
Endemic	NO
Origin	Introduced

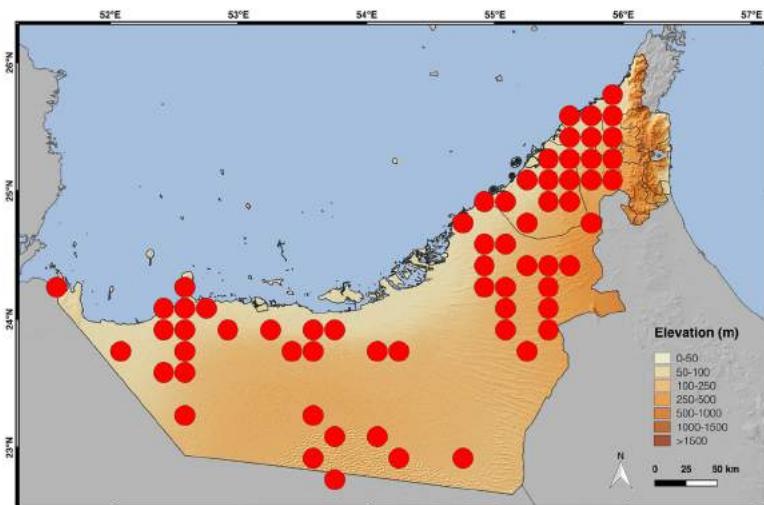
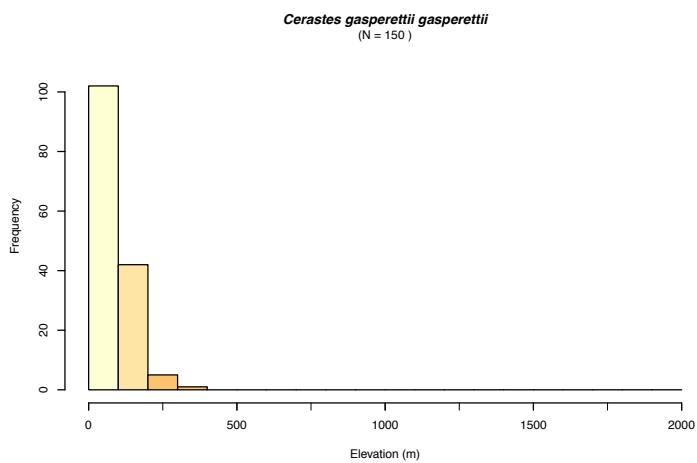
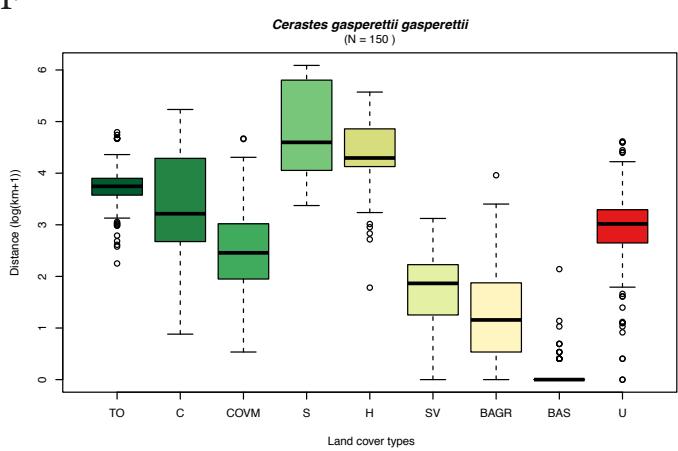
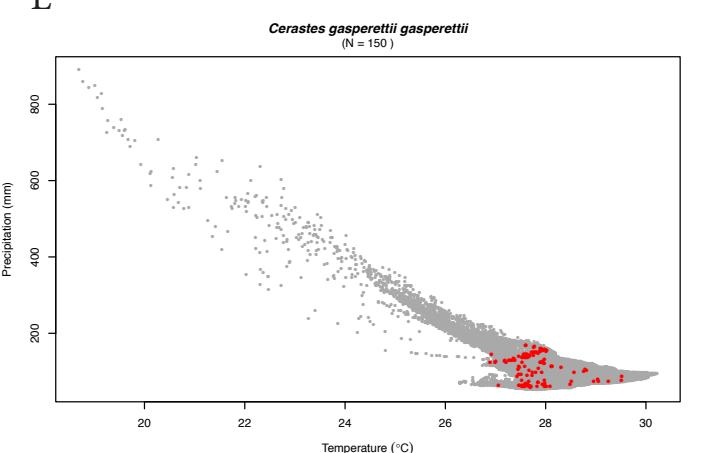
S57: Species information

Snakes

Viperidae

B**Useful information**

IUCN Category	LC/LC
Venomous	YES
Endemic	NO
Origin	Native

A**D****C****F****E**

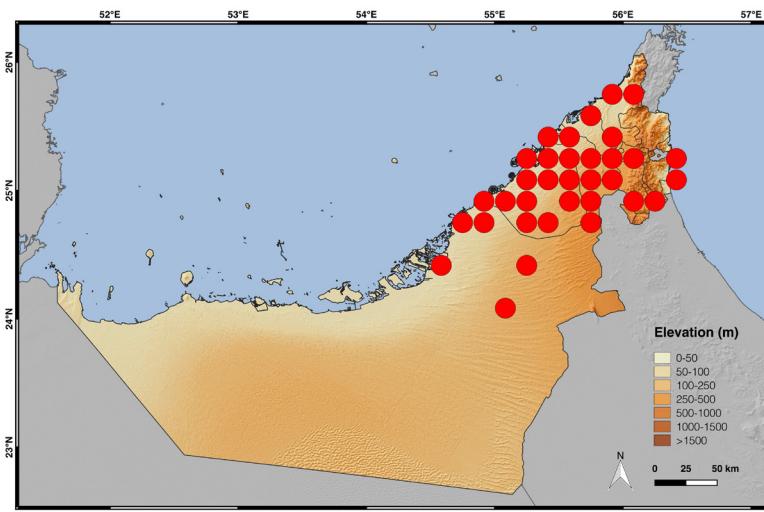
Echis carinatus sochureki

Stemmler, 1969

S58: Species information

Snakes
Viperidae

A

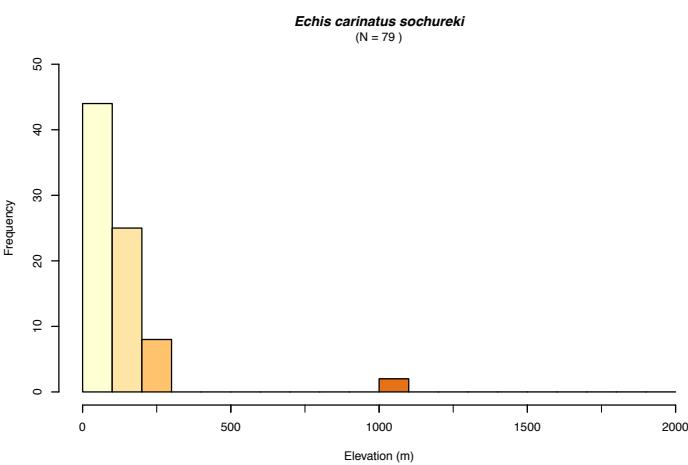


B

Useful information

IUCN Category	LC/LC
Venomous	YES
Endemic	NO
Origin	Native

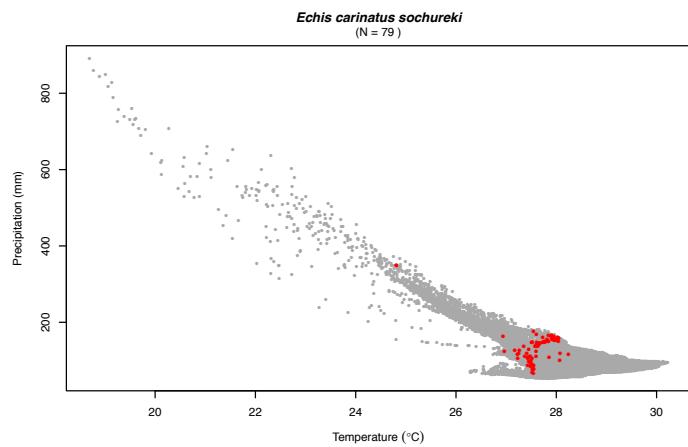
C



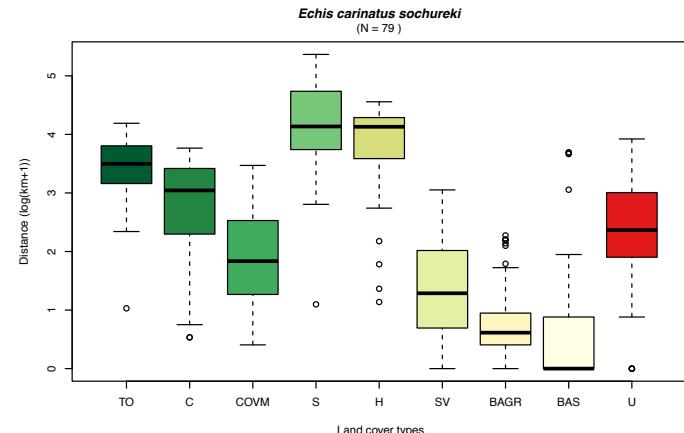
D



E



F



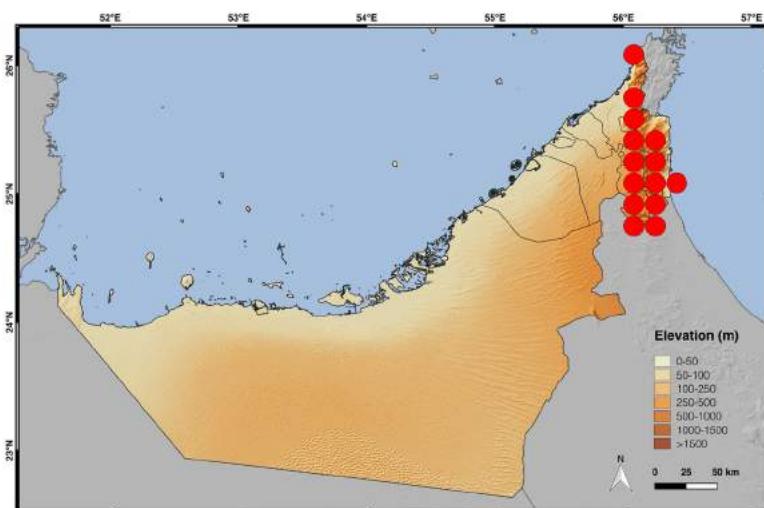
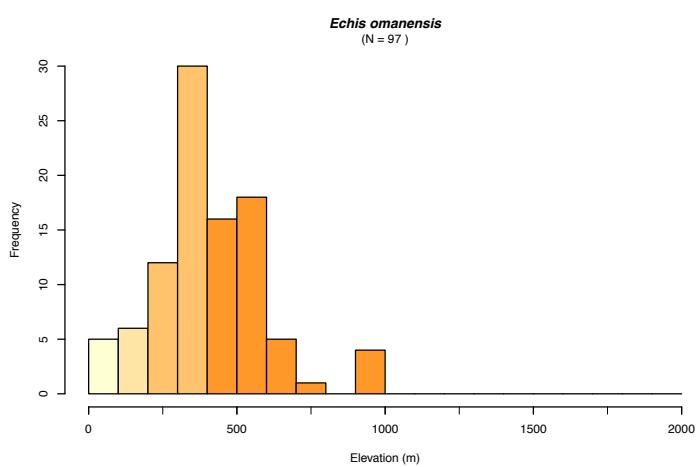
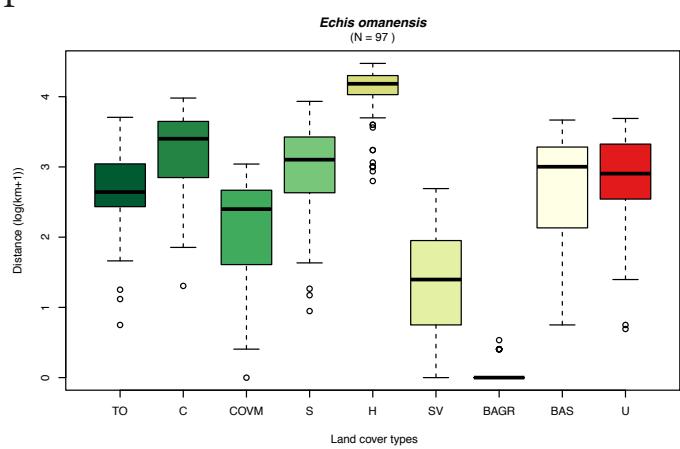
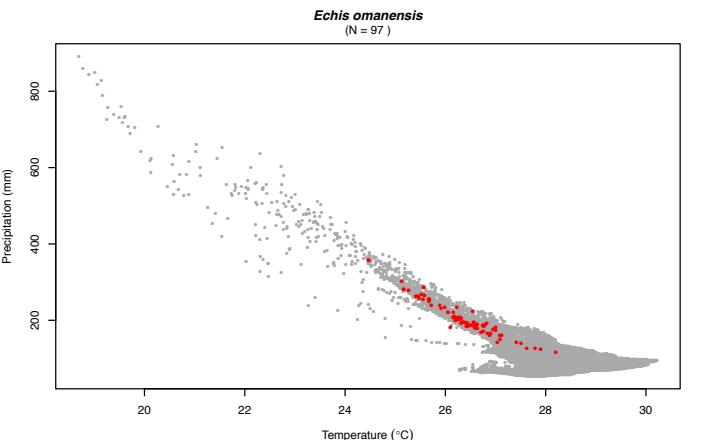
S59: Species information

Snakes

Viperidae

B**Useful information**

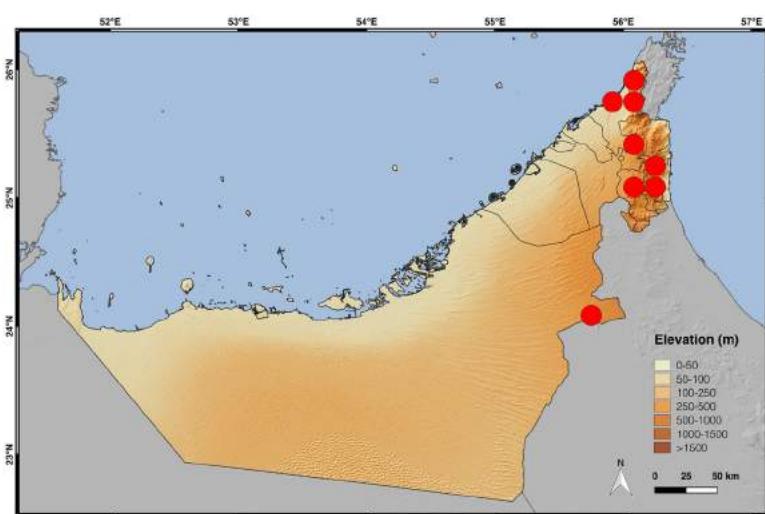
IUCN Category	LC/LC
Venomous	YES
Endemic	NO
Origin	Native

A**D****C****F****E**

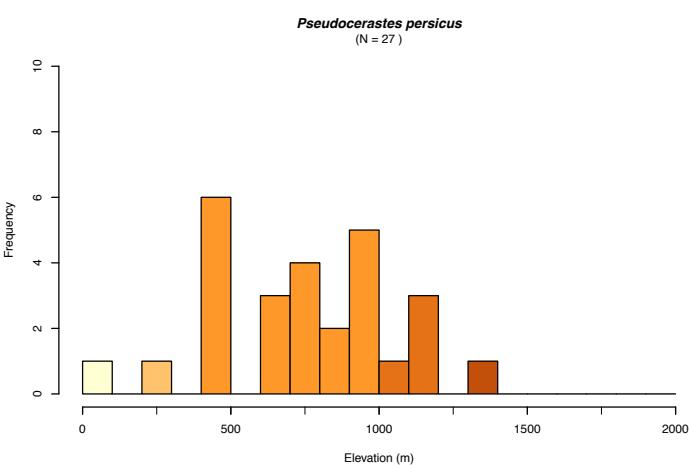
- Lizards
- Agamids
- Geckos
- Lacertids
- Skinks
- Amphisbaenids
- Varanids
- Snakes
- Boidae
- Colubridae
- Lamprophiidae
- Leptophiidae
- Typhlopidae
- Viperidae

Pseudocerastes persicus
Duméril, Bibron & Duméril, 1854

A



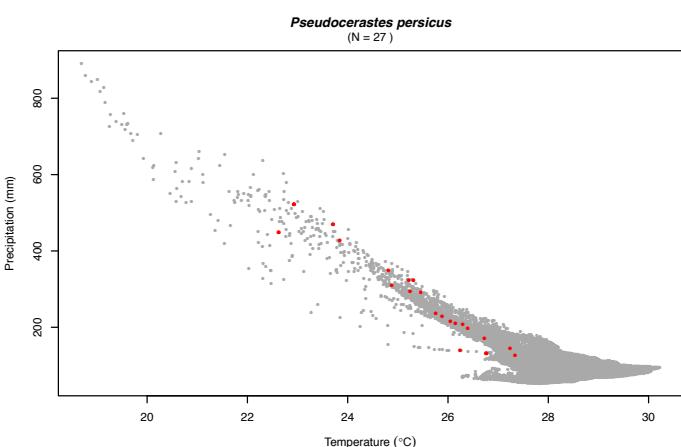
C



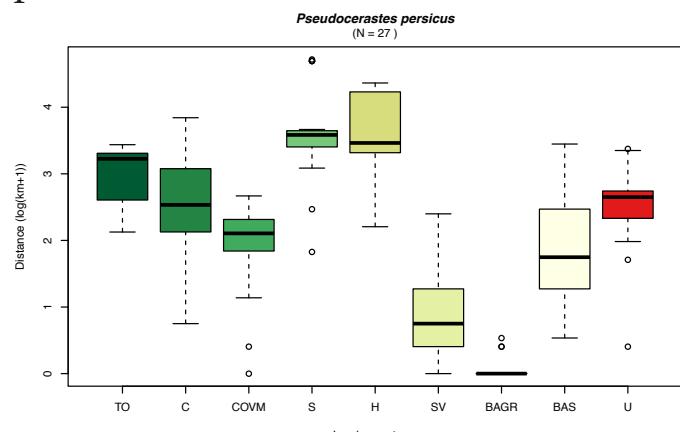
D



E



F



Lizards

Agamids

Geckos

Lacertids

Skinks

Amphisbaenids

Varanids

Snakes

Boidae

Colubridae

Lamprophiidae

Leptotyphlopidae

Typhlopidae

Viperidae

S60: Species informationSnakes
Viperidae

B

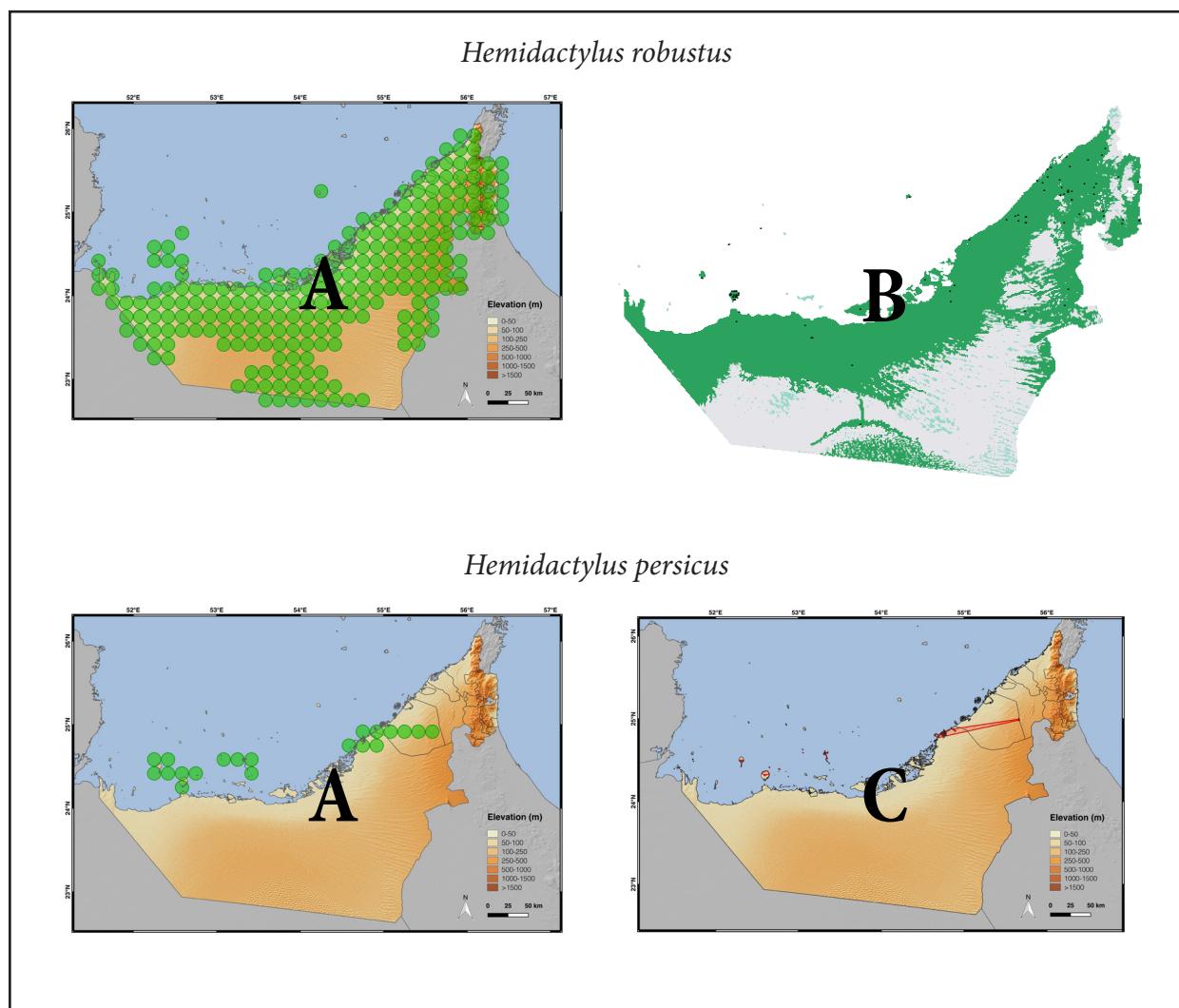
Useful information

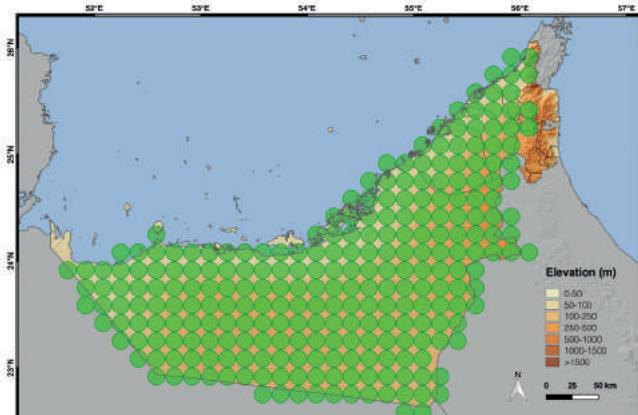
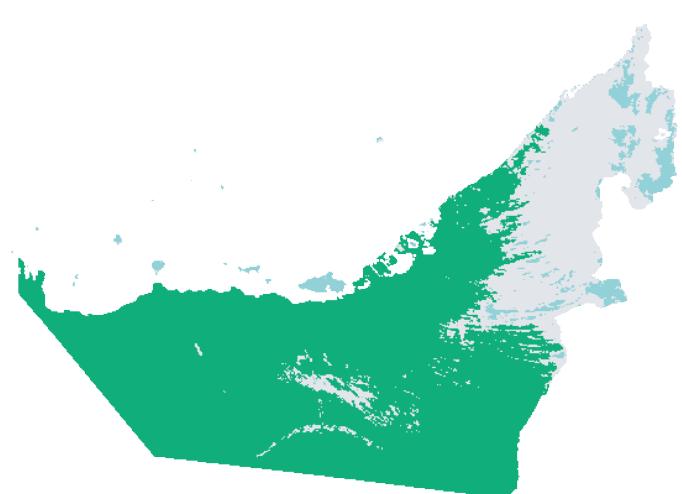
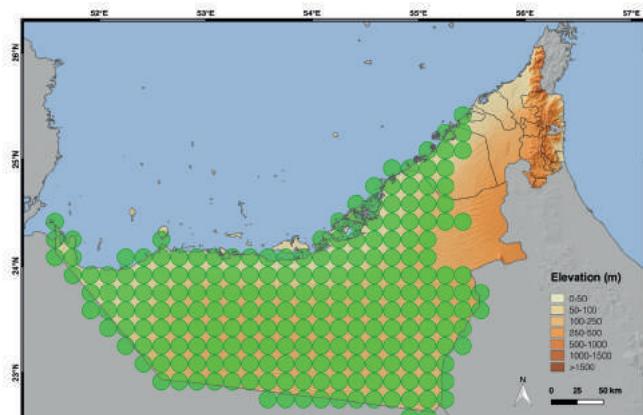
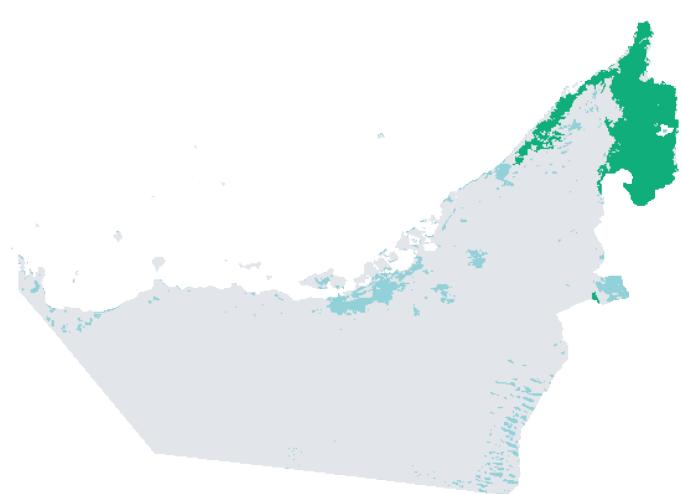
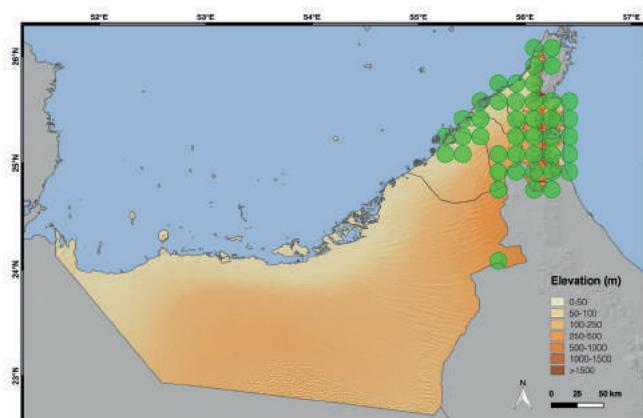
IUCN Category	LC/LC
Venomous	YES
Endemic	NO
Origin	Native

S61-S62: Species distribution models

Plates contain independent maps for each species showing the species' potential distribution inferred with a species distribution model (SDM) and using four ecological and environmental variables (see materials and methods 2.8). For each species there are two maps: **A**) a map of the modeled species distribution at a resolution of 10 arc-minutes (~ 18 km) and **B**) a map of the modeling at a 1km^2 resolution including the species' point records in black.

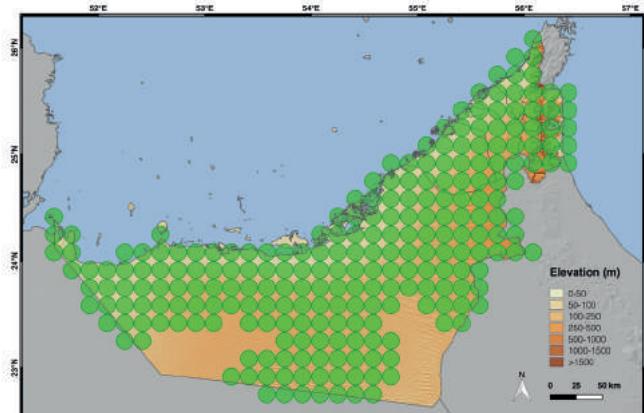
Eight out of the sixty species of reptiles did not have the minimum of 5 records to infer their SDM with the modeling approach. In these cases, the species' potential distribution was calculated with the minimum convex polygon (MCP) between all presence point data of each species. Maps with the MCP of each of the eight species and all their occurrence point records (red dots) were created (**C**).



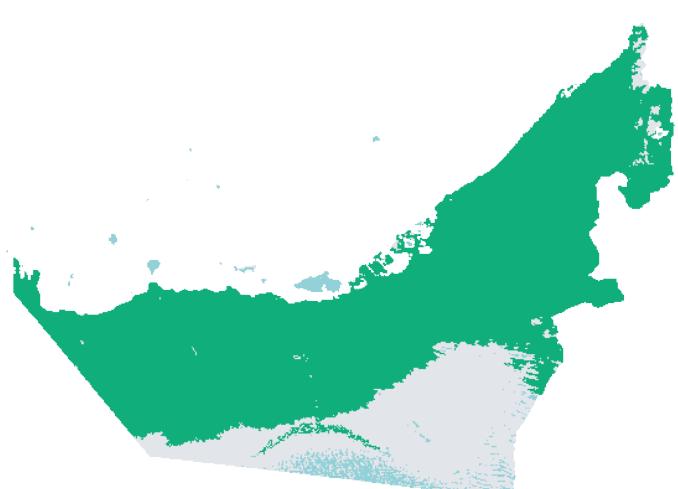
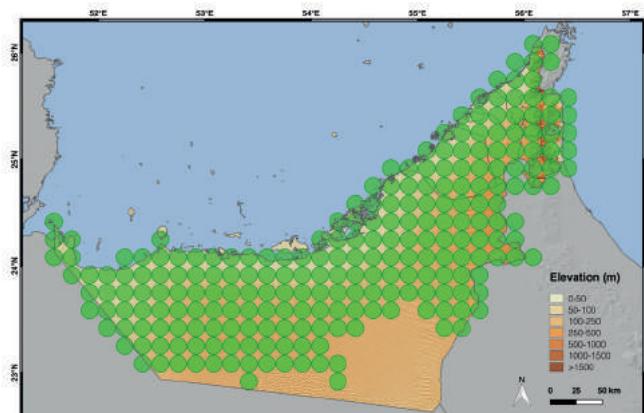
Species distribution models*Phrynocephalus arabicus**Phrynocephalus maculatus**Pseudotrapelus jensvindumi*

Species distribution models

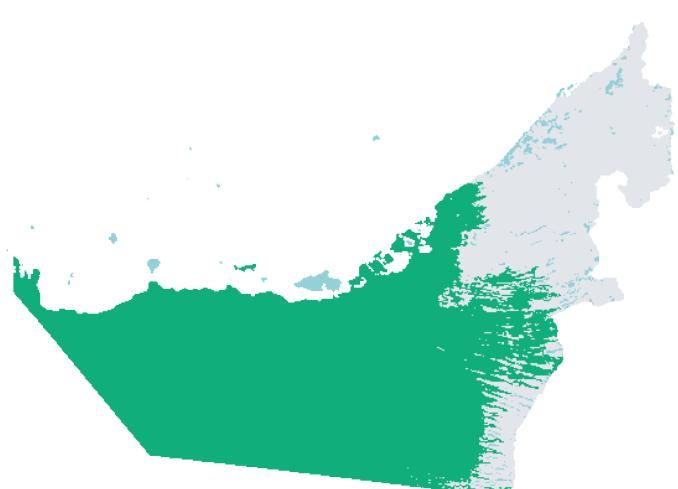
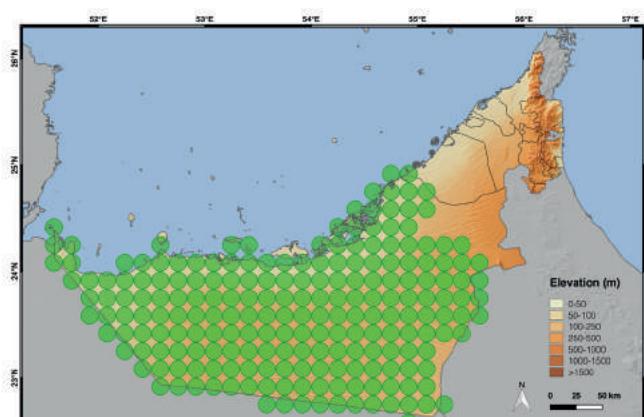
Trapelus flavimaculatus

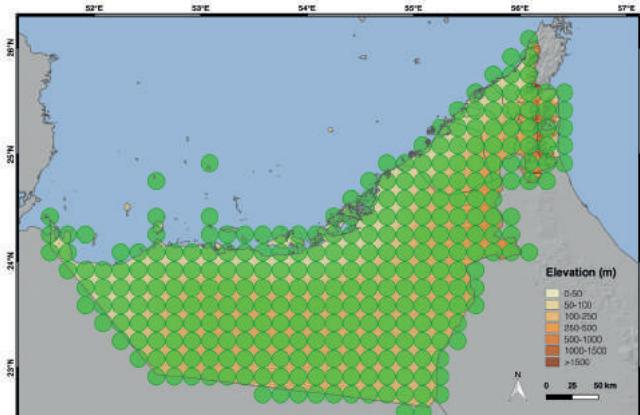
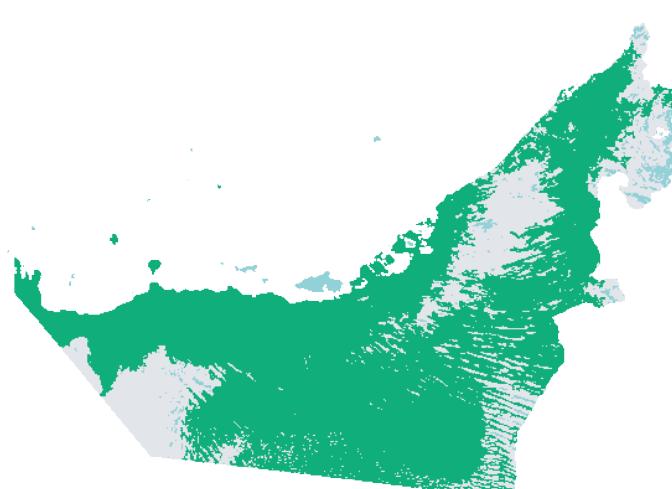
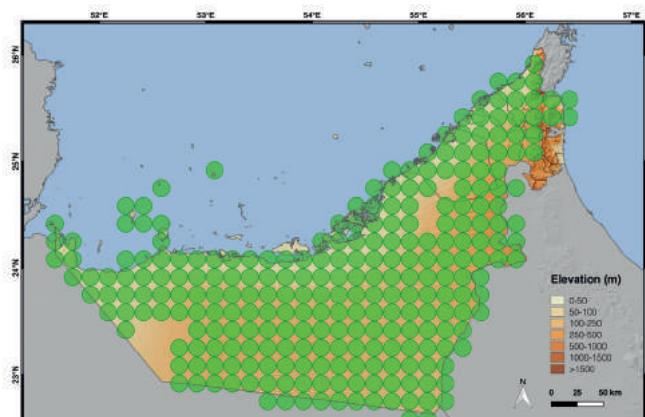
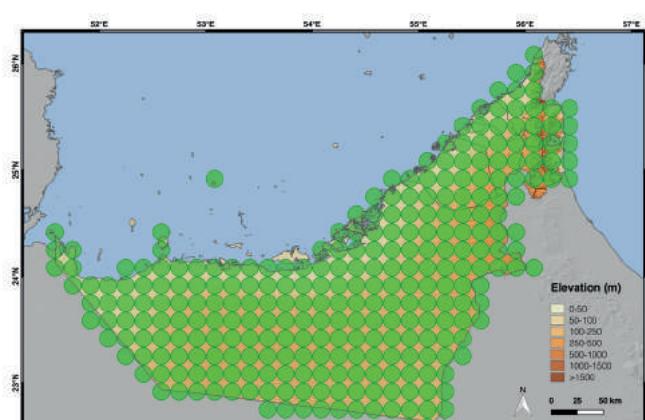


Uromastyx aegyptia leptieni



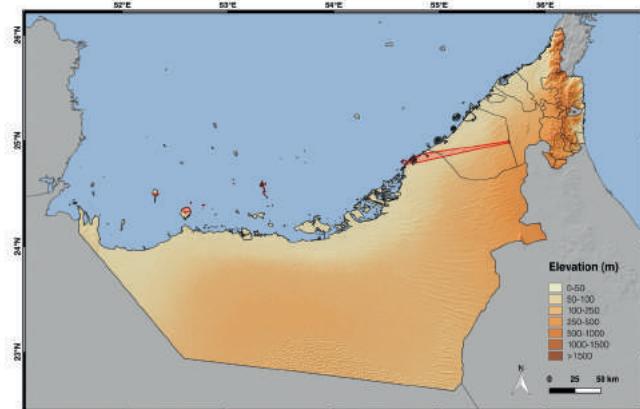
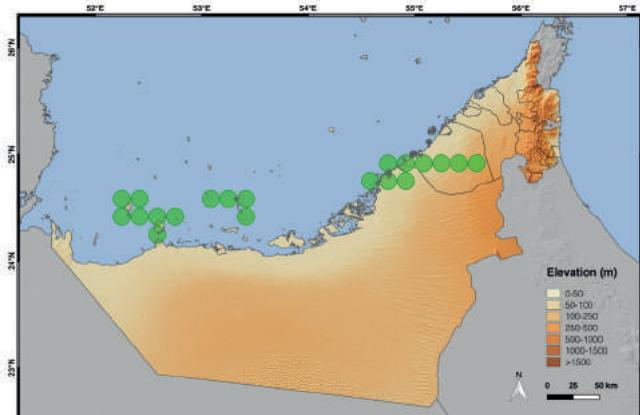
Uromastyx aegyptia microlepis



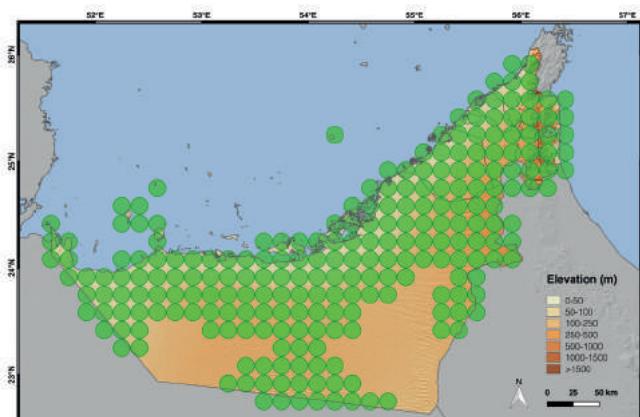
Species distribution models*Bunopus tuberculatus**Cyrtopodion scabrum**Hemidactylus flaviviridis*

Species distribution models

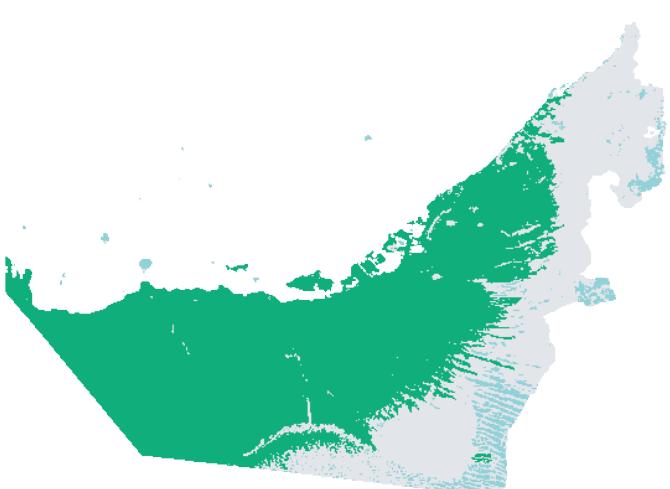
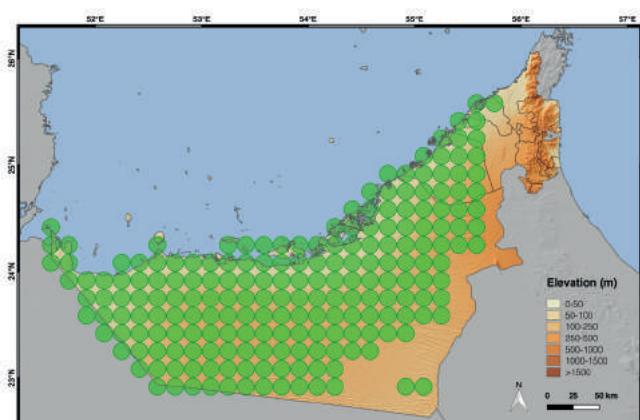
Hemidactylus persicus

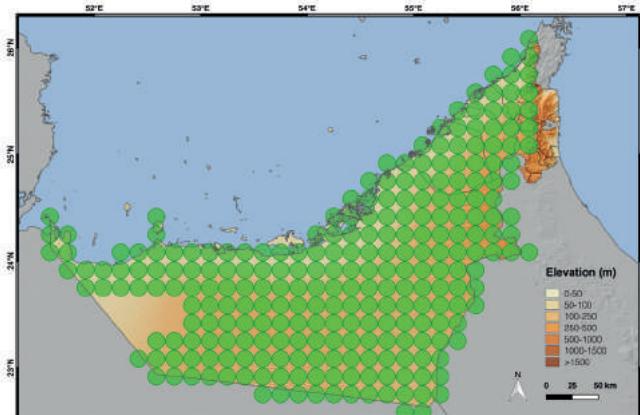
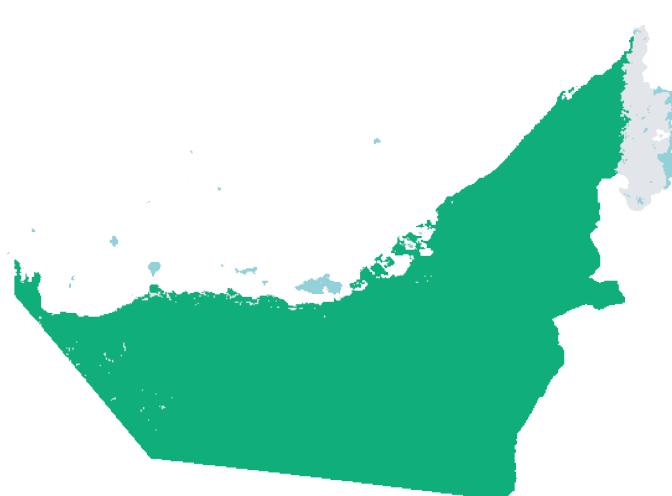
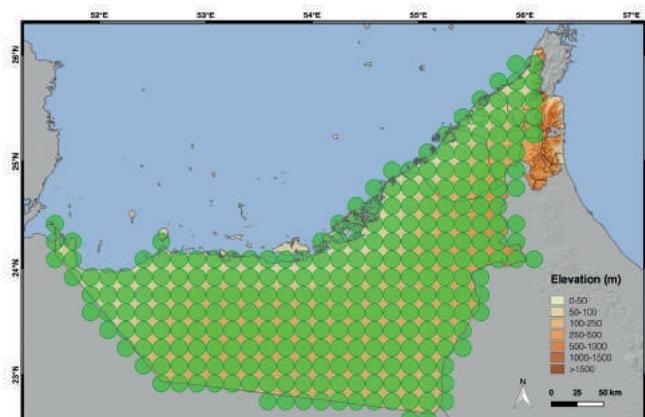
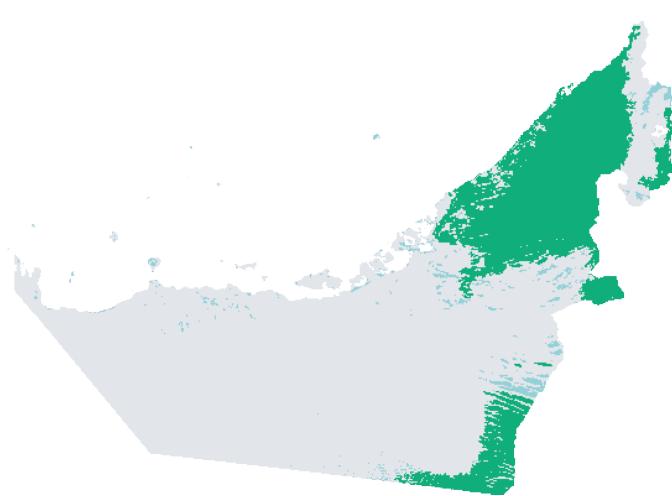
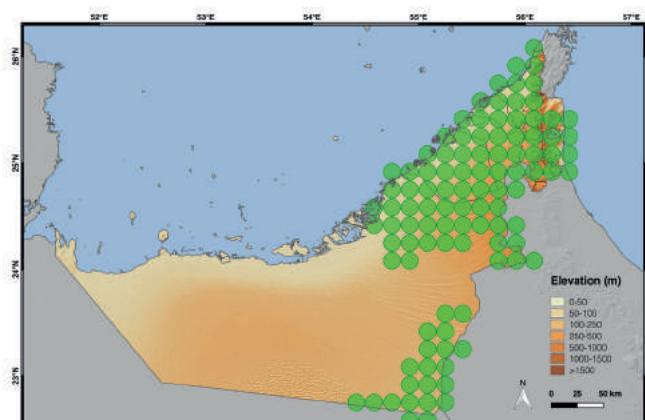


Hemidactylus robustus



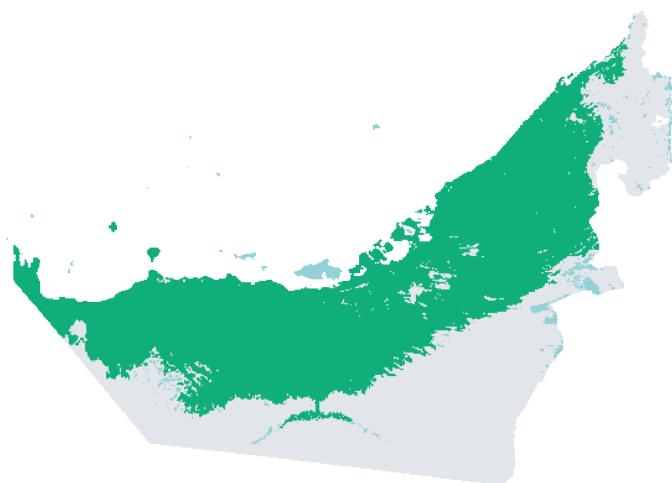
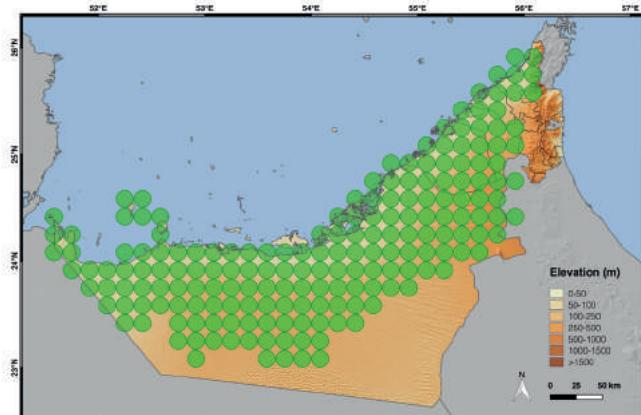
Pseudoceramodactylus khobarensis



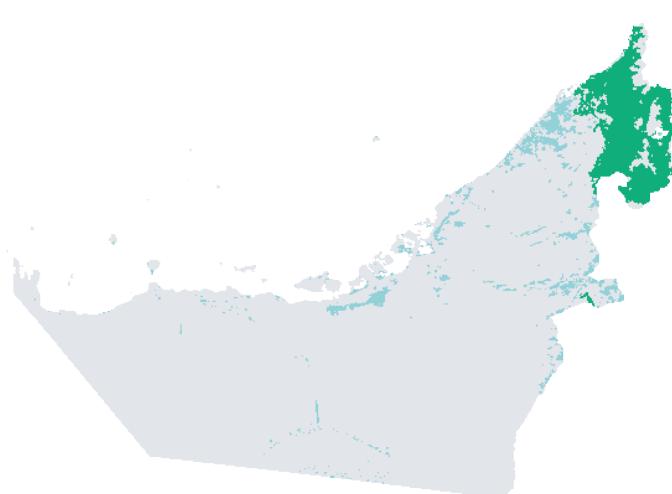
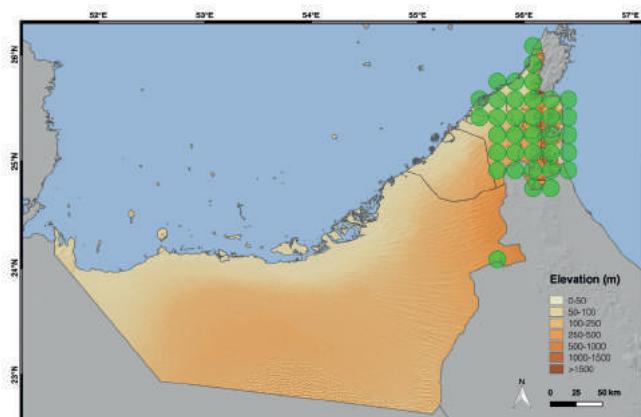
Species distribution models*Stenodactylus arabicus**Stenodactylus doriae**Stenodactylus leptocosymbotes*

Species distribution models

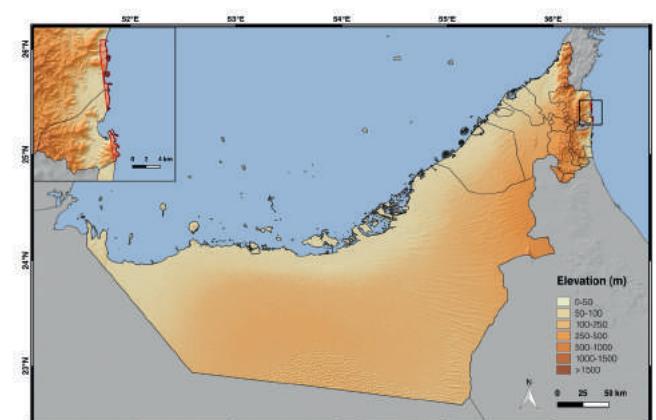
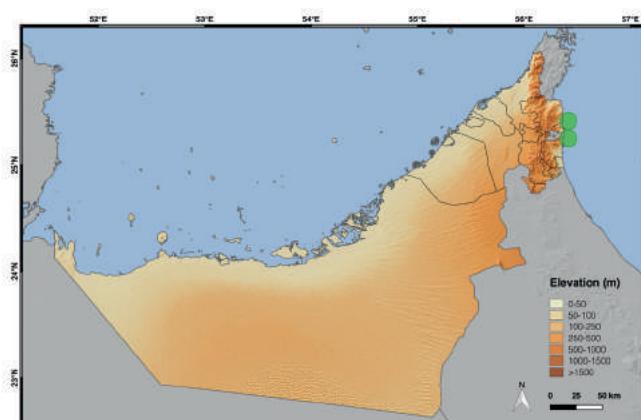
Stenodactylus slevini

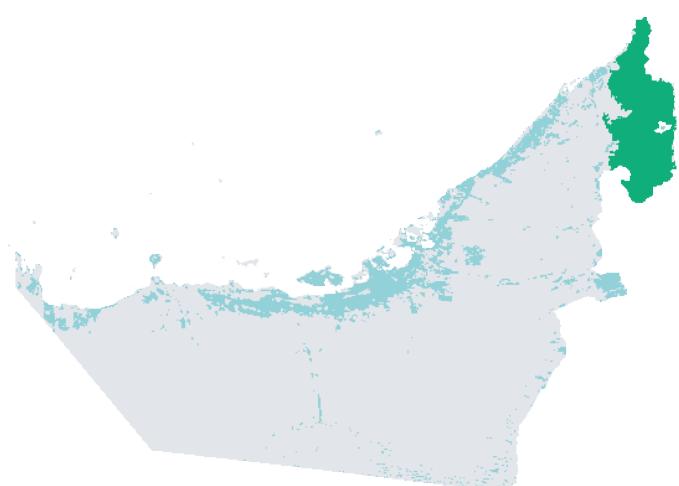
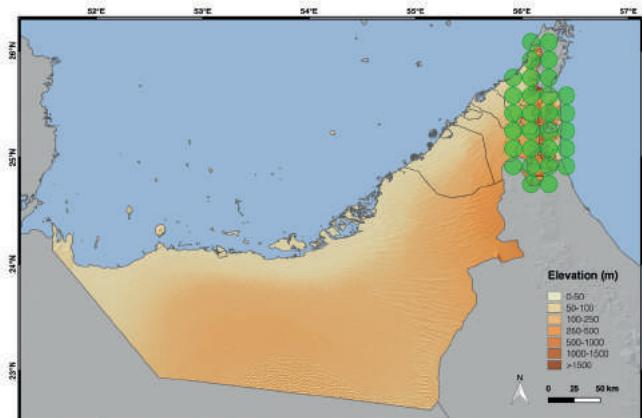
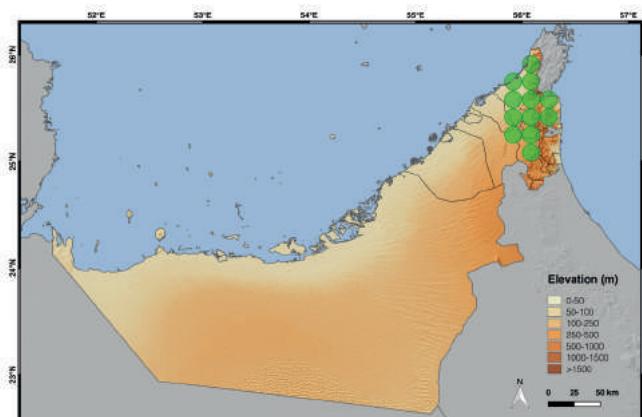
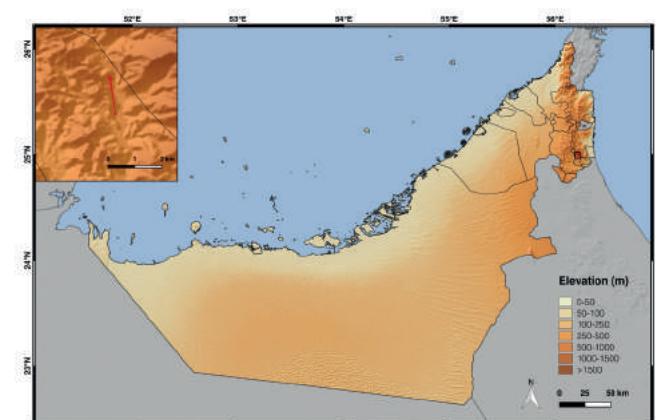
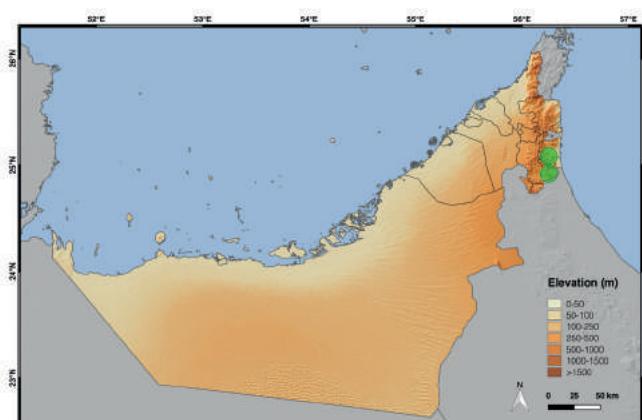


Trachydactylus hajarensis



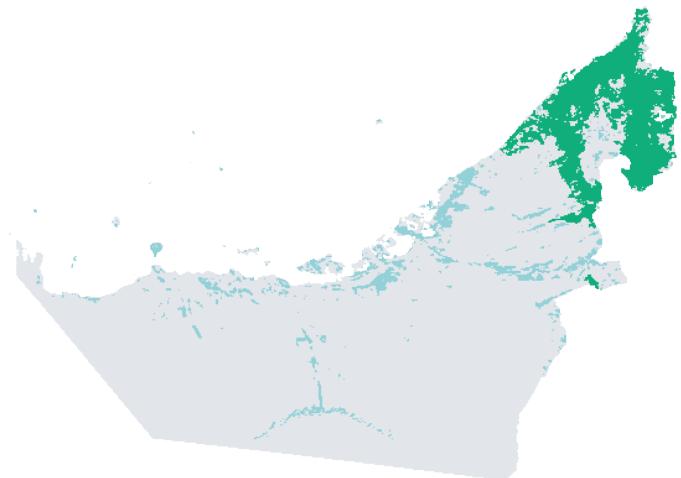
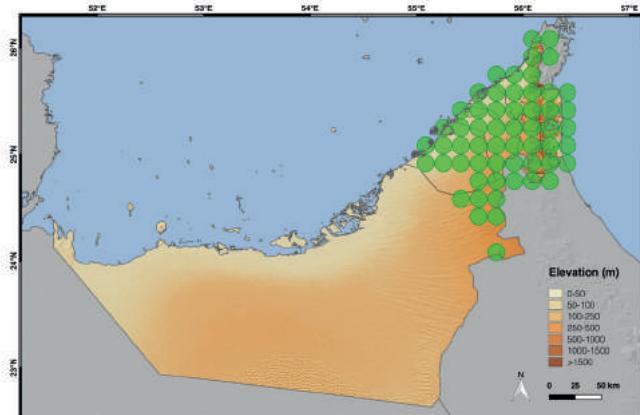
Asaccus caudivolvulus



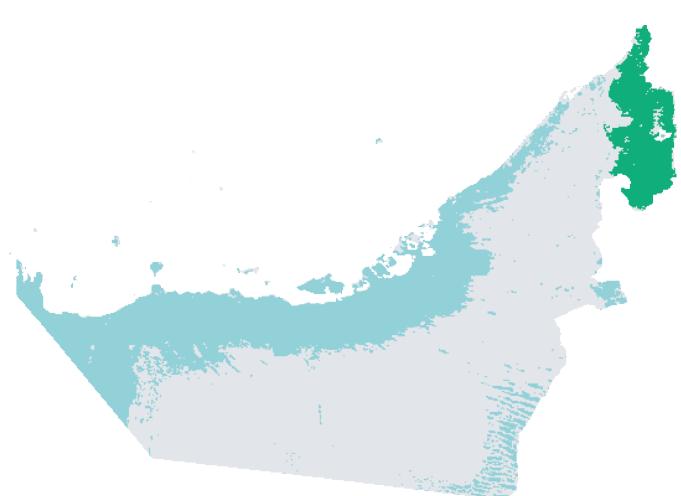
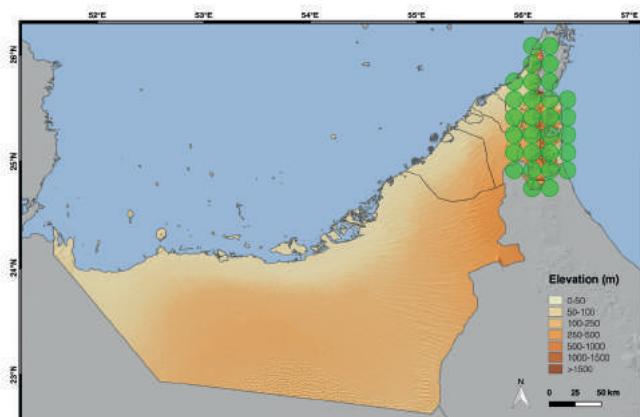
Species distribution models*Asaccus gallagheri**Asaccus gardneri**Asaccus margaritae*

Species distribution models

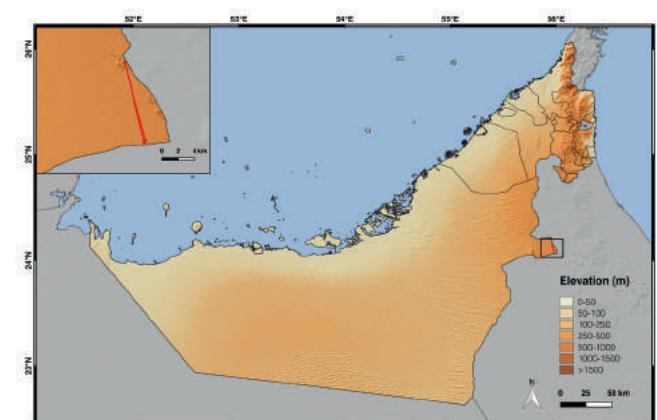
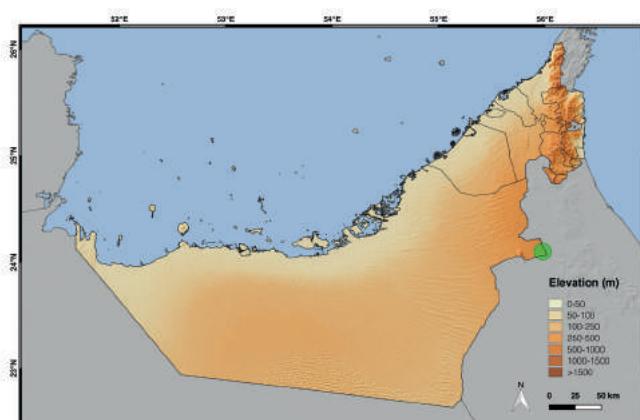
Ptyodactylus orlovi



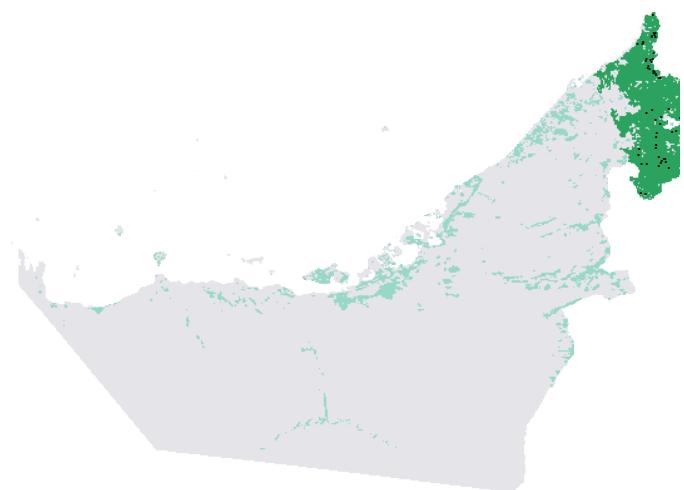
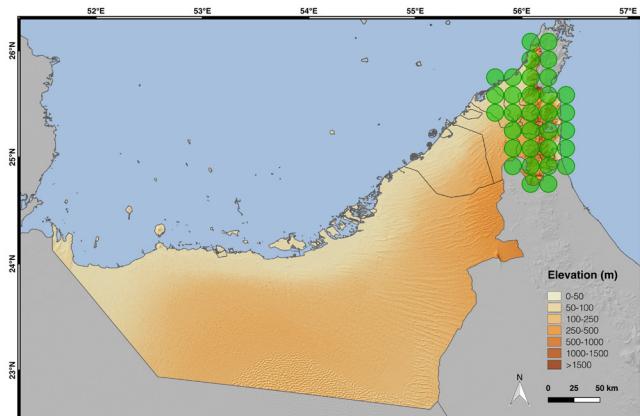
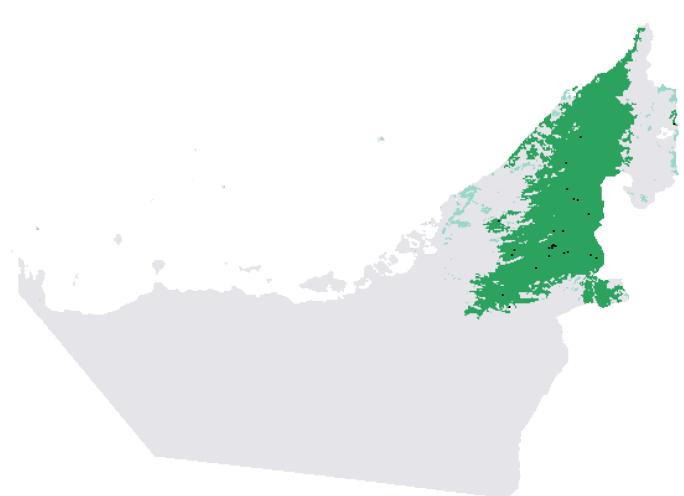
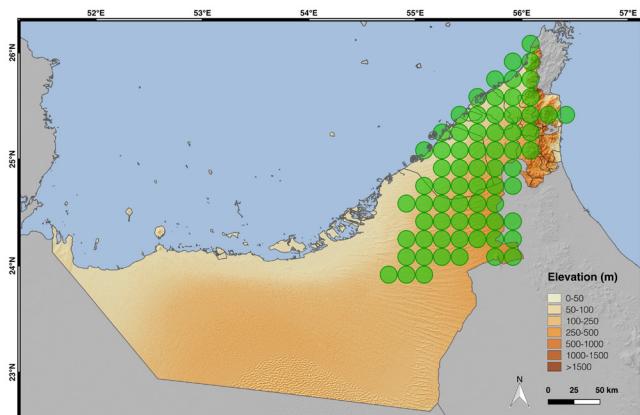
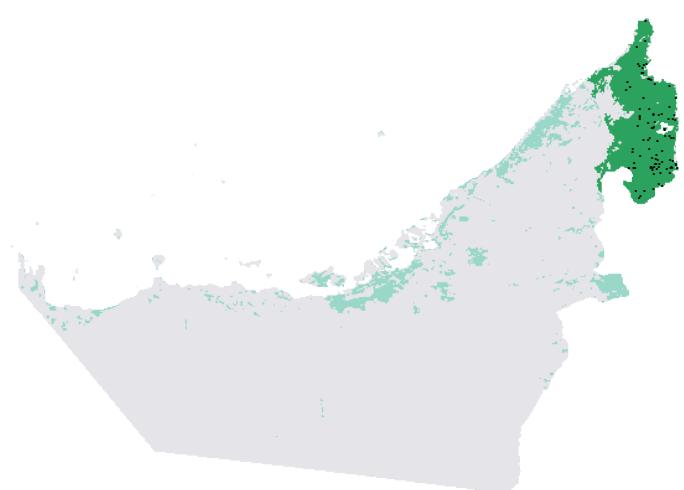
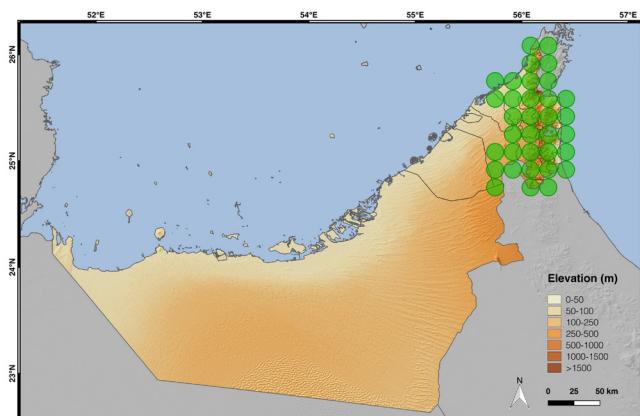
Ptyodactylus ruusaljibalicus

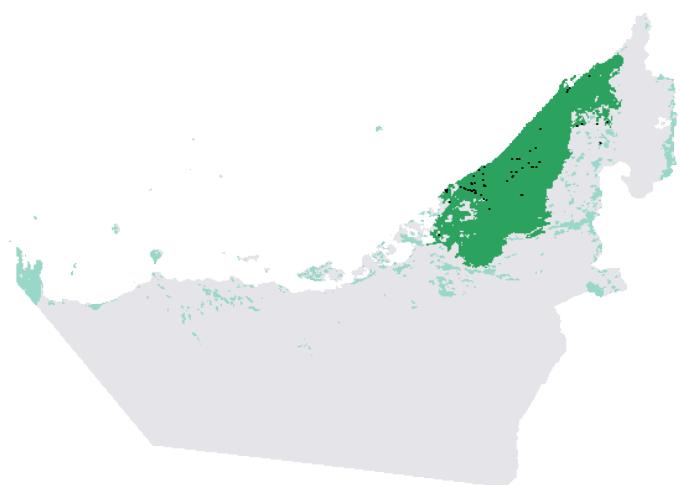
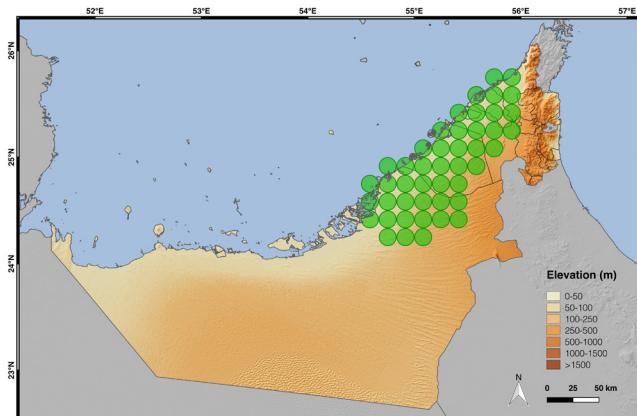
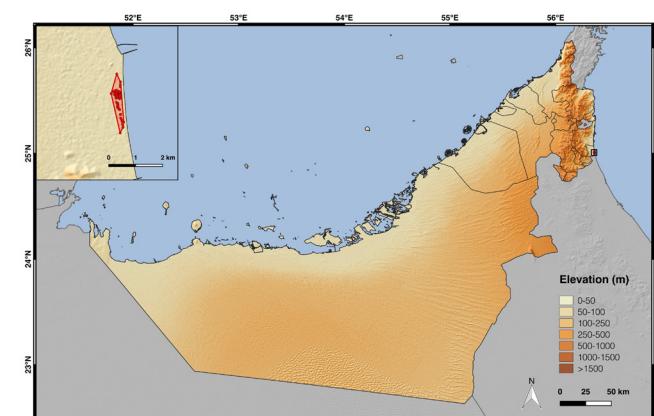
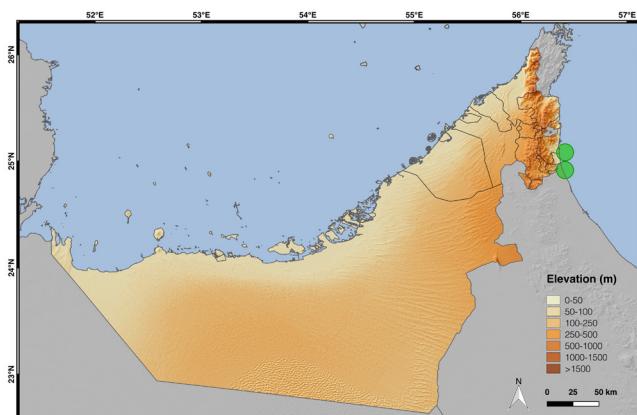
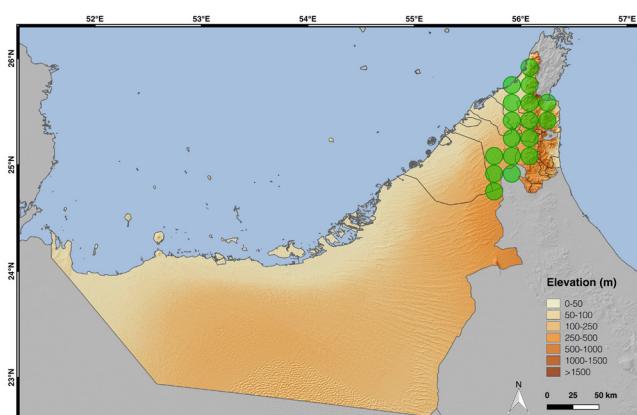


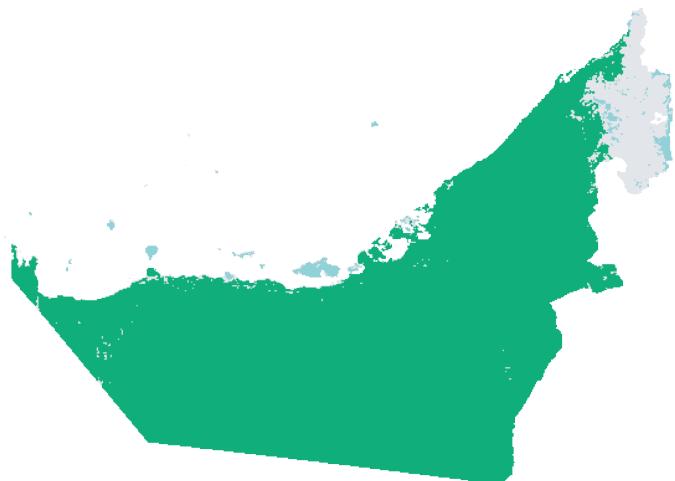
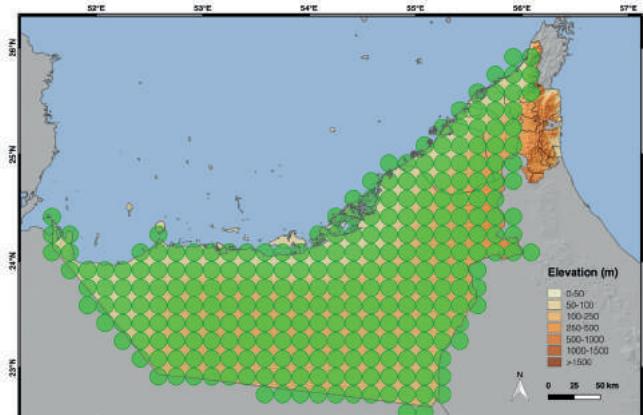
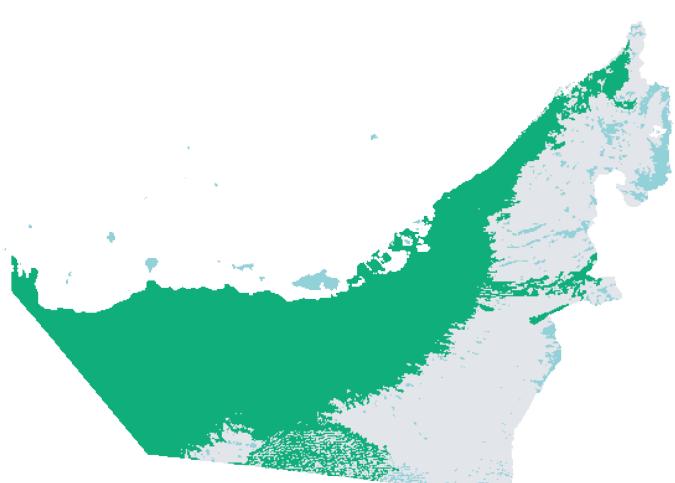
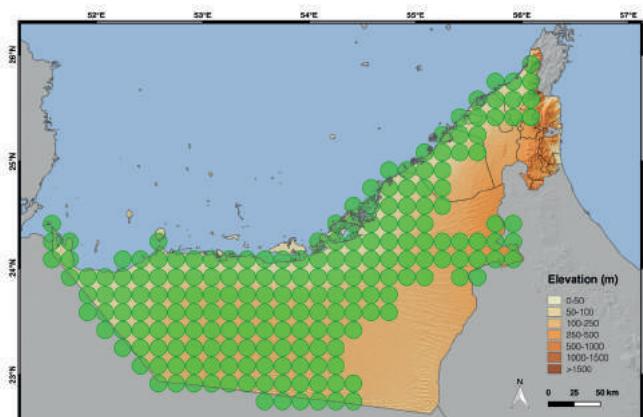
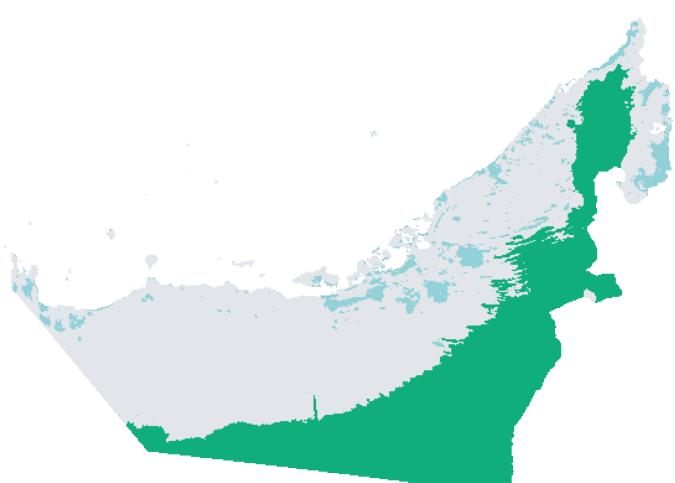
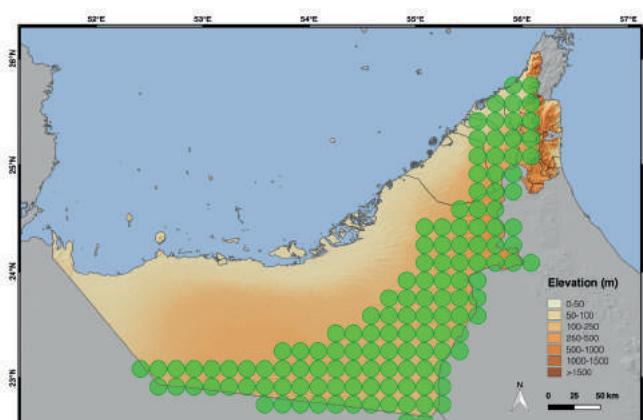
Pristurus carteri



S69: Species distribution models

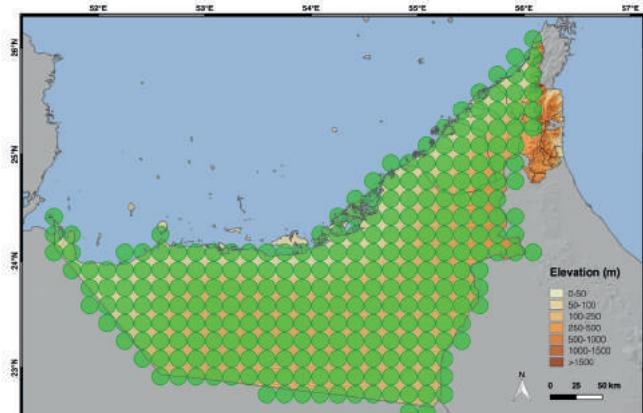
Pristurus celerrimus*Pristurus minimus**Pristurus rupestris-sp. 3*

S70: Species distribution models*Teratoscincus keyserlingii**Acanthodactylus blanfordii**Acanthodactylus boskianus asper*

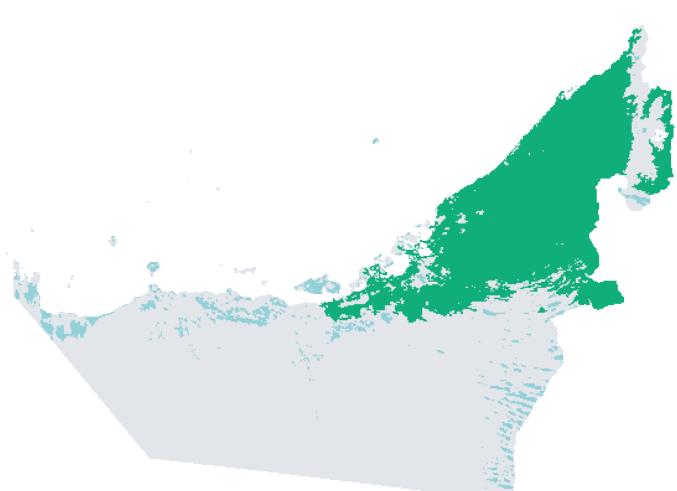
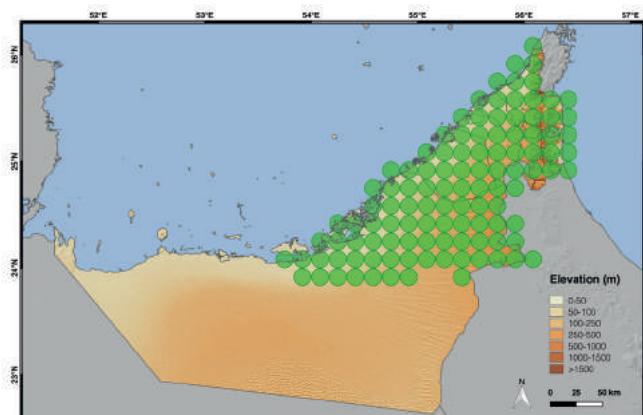
Species distribution models*Acanthodactylus gongrorhynchatus**Acanthodactylus haasi**Acanthodactylus opheodorus*

Species distribution models

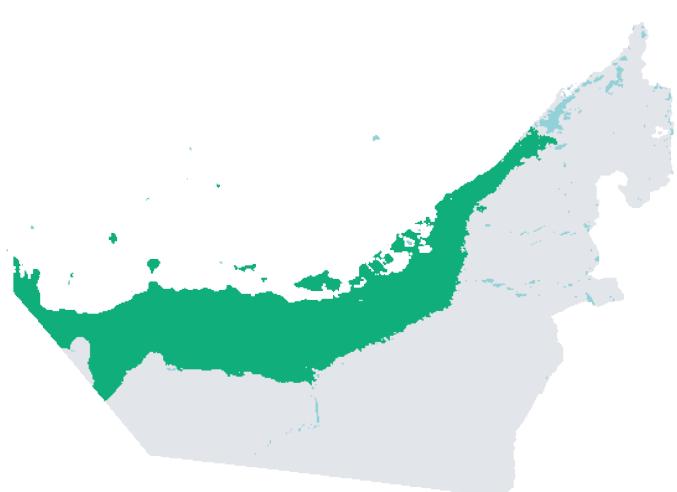
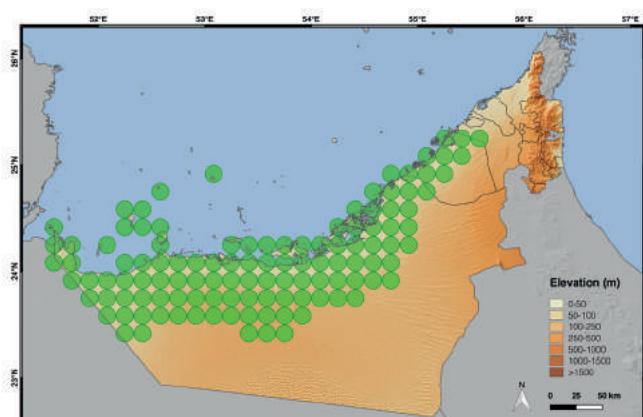
Acanthodactylus schmidti

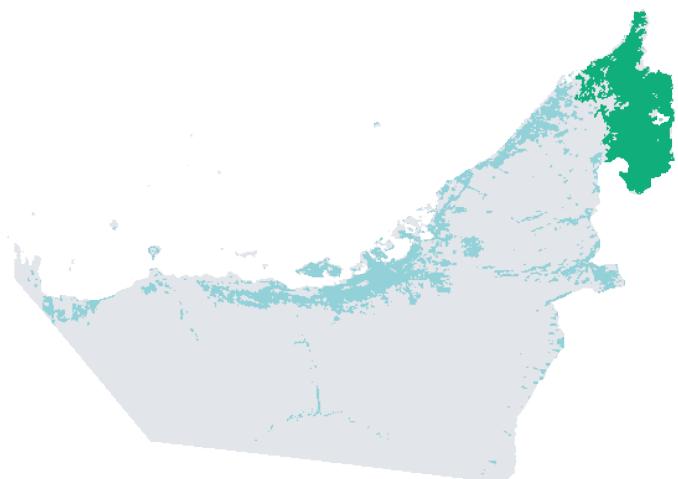
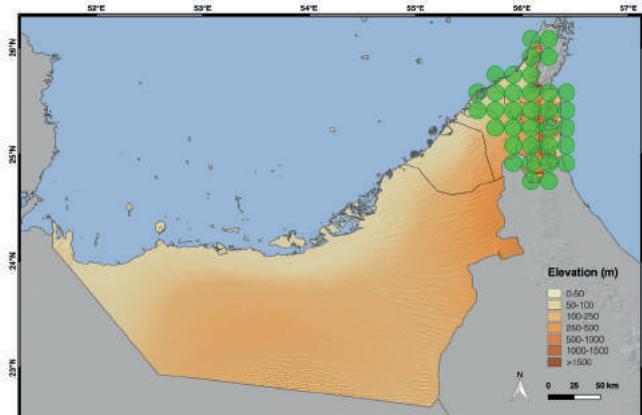
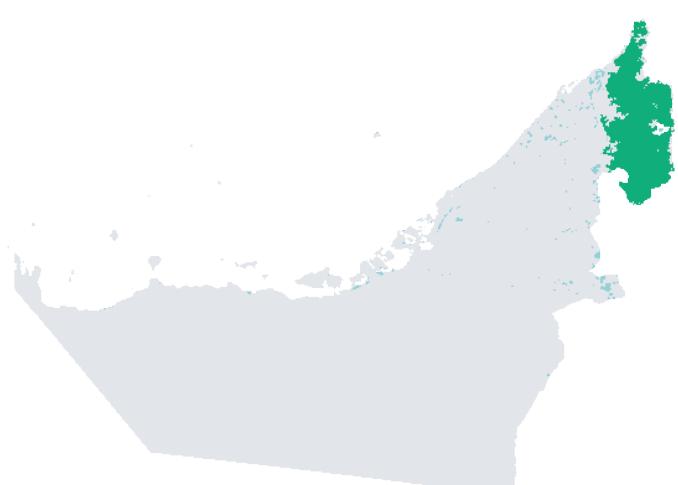
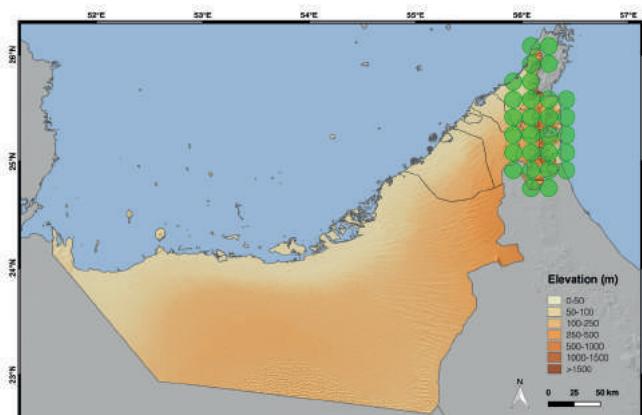
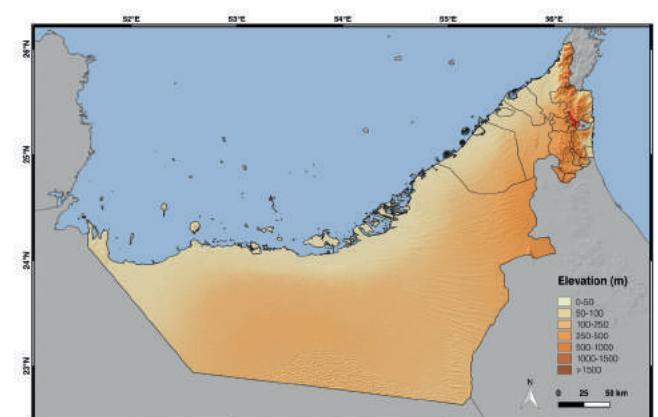
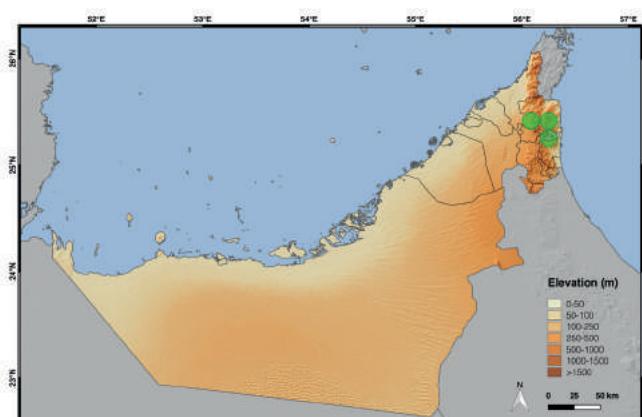


Mesalina adramitana



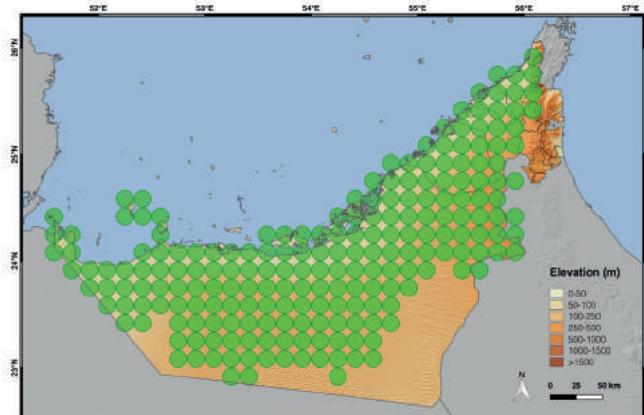
Mesalina brevirostris



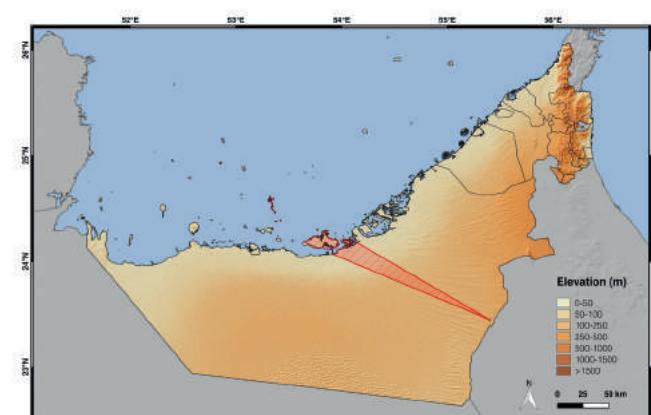
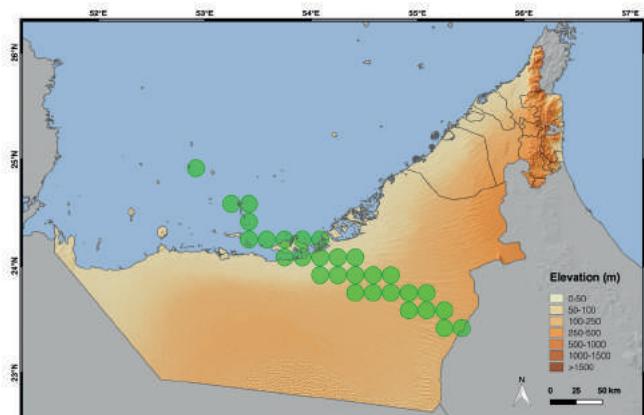
Species distribution models*Omanosaura cyanura**Omanosaura jayakari**Ablepharus pannonicus*

Species distribution models

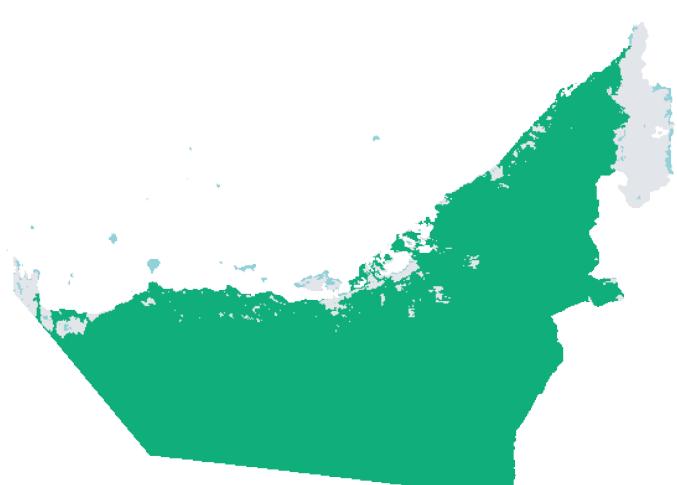
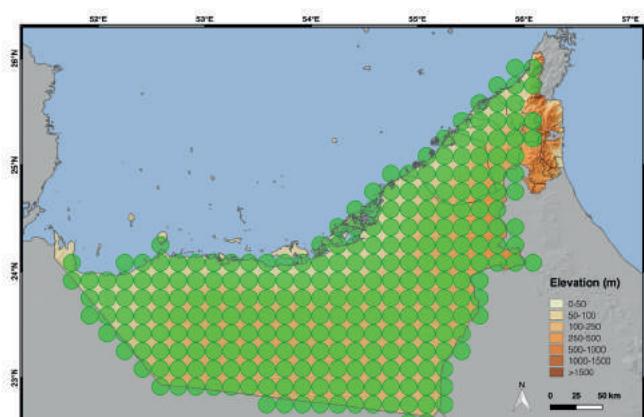
Chalcides ocellatus ocellatus

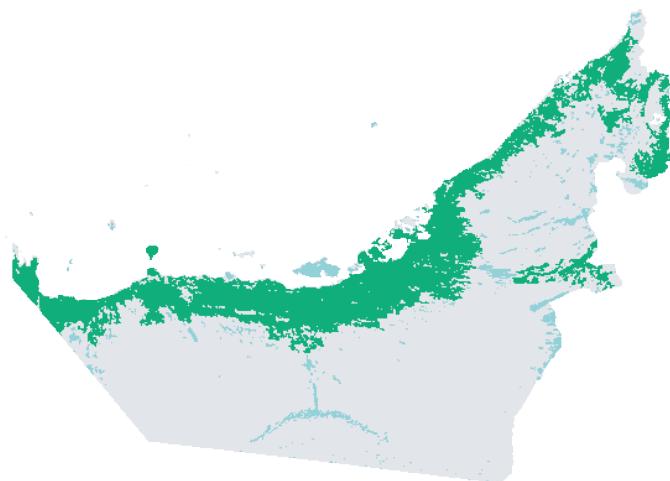
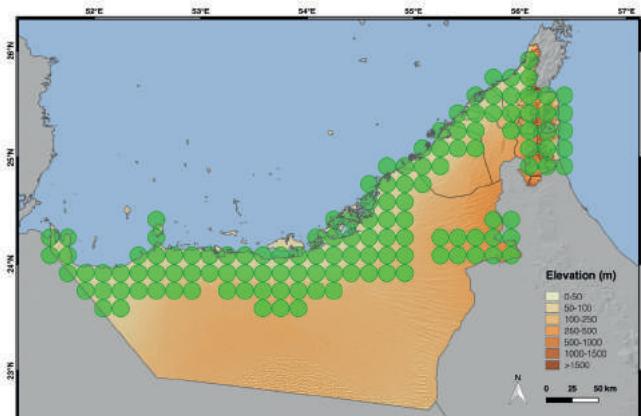
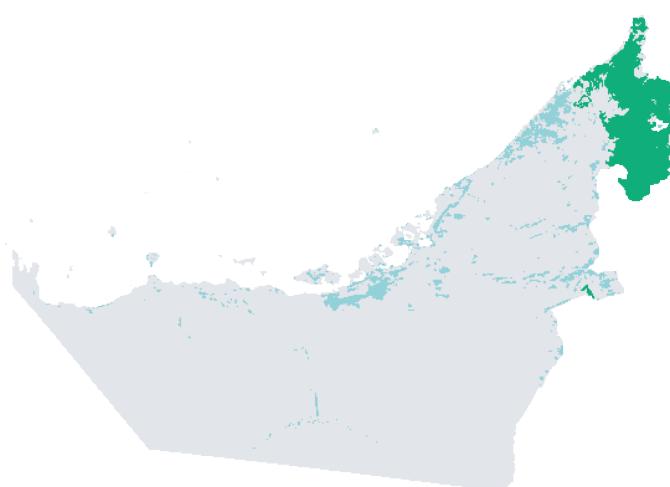
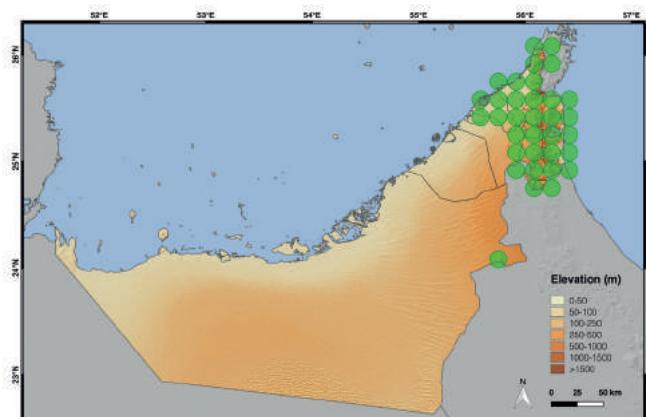
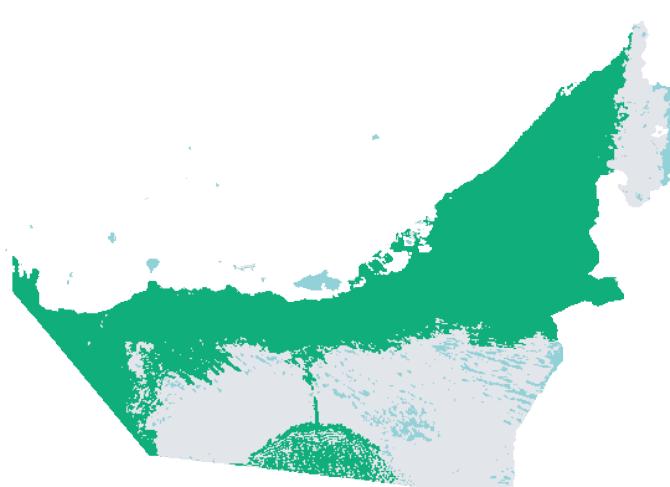
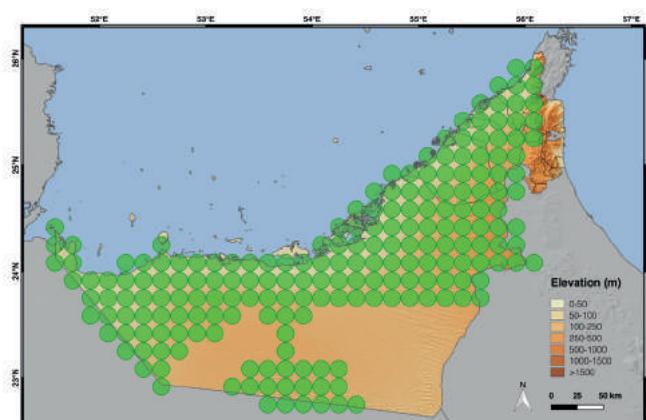


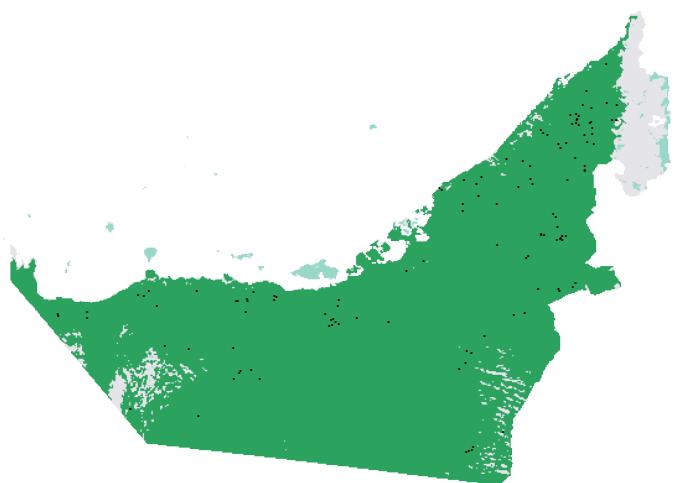
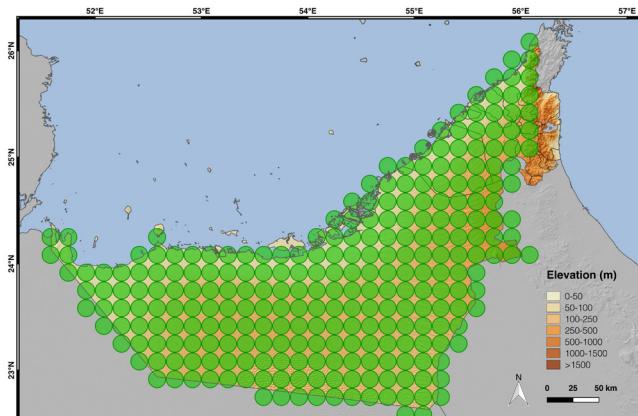
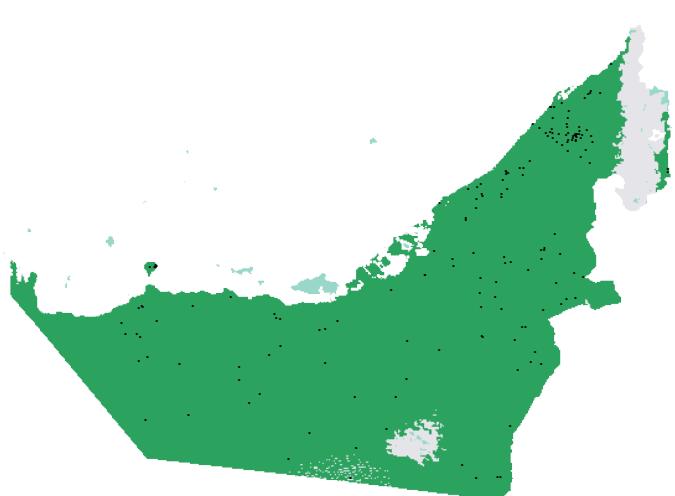
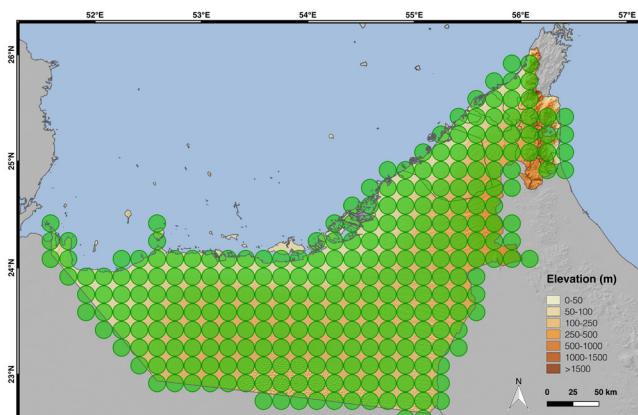
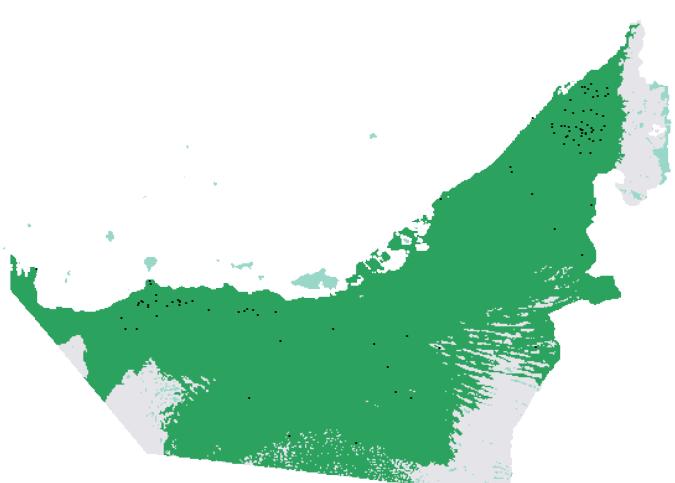
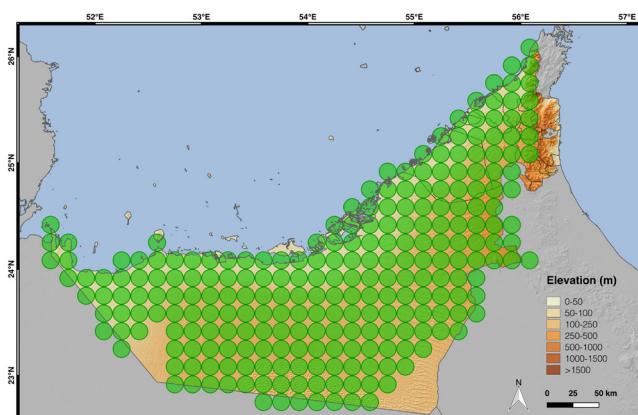
Heremites septemtaeniatus

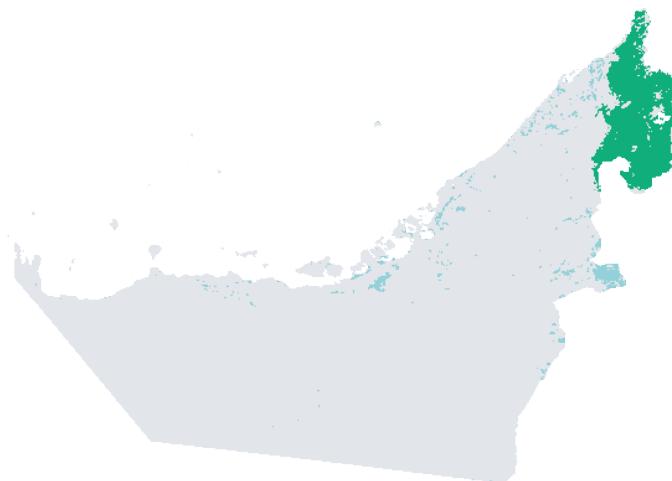
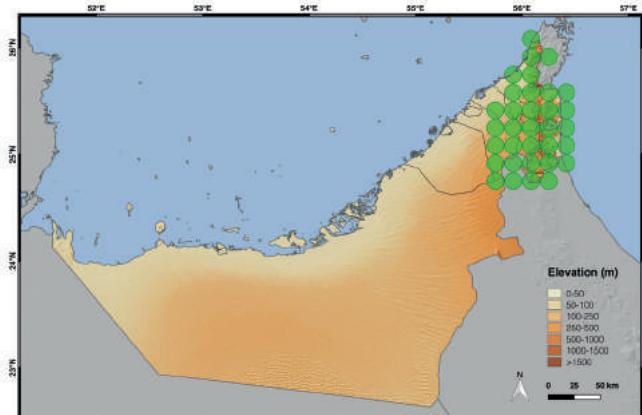
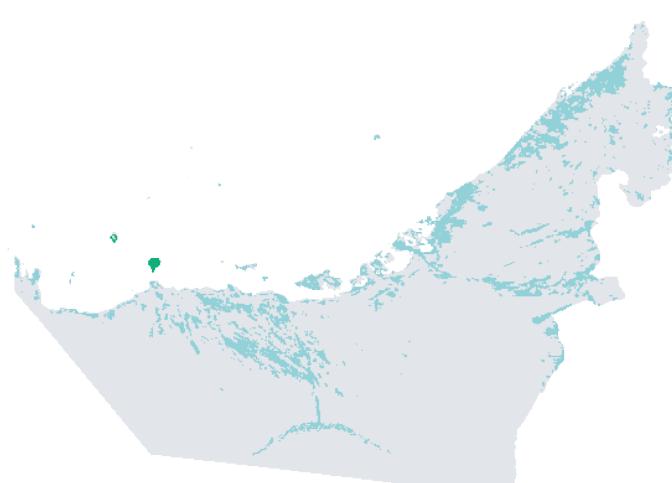
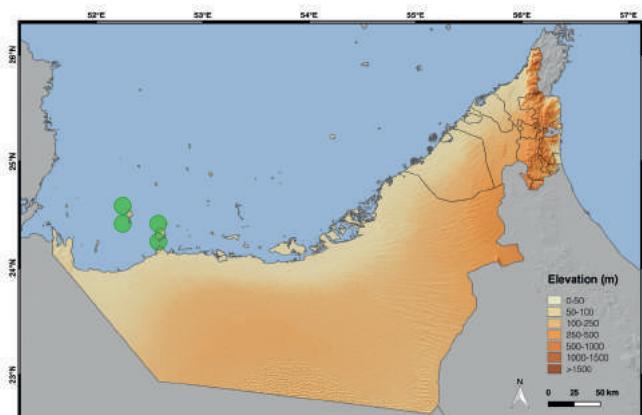
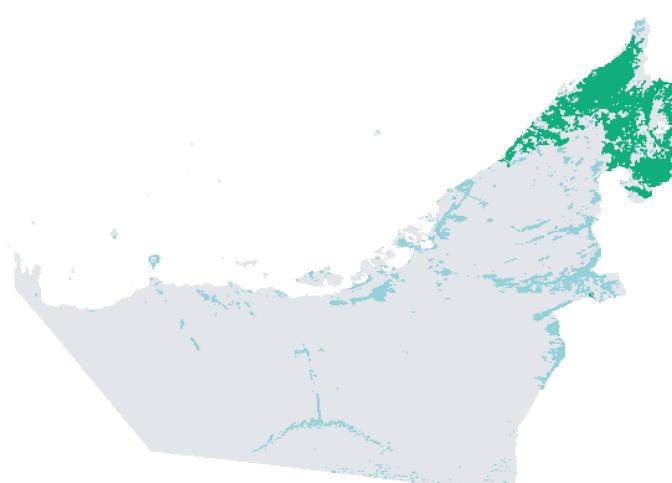
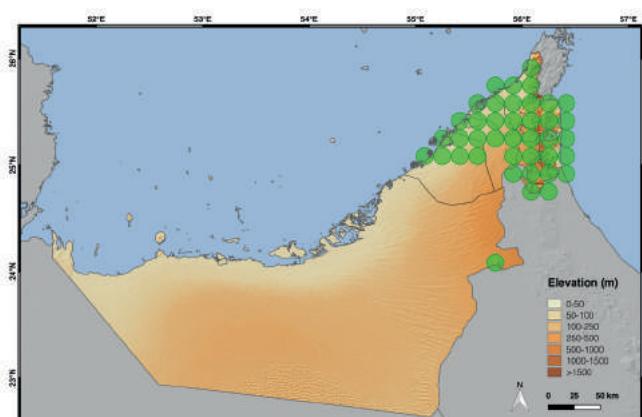


Scincus mitranus



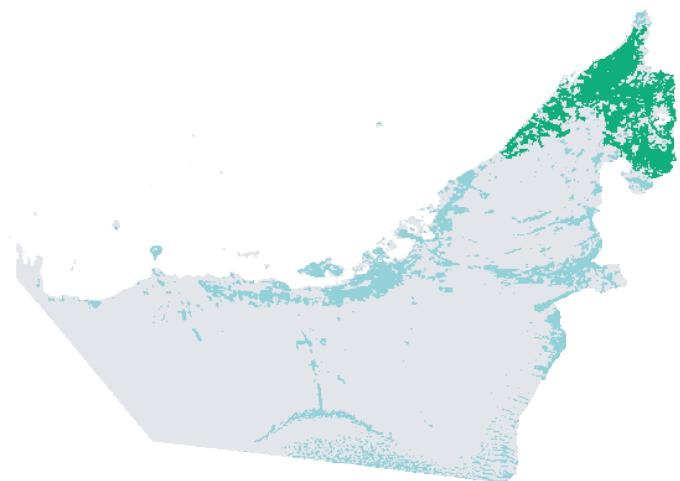
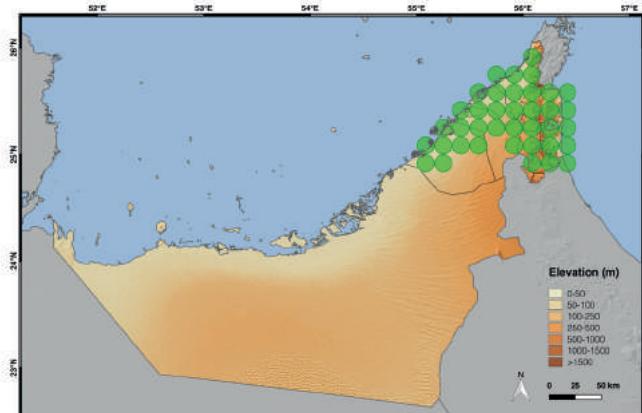
Species distribution models*Scincus scincus conirostris**Trachylepis tessellata**Diplometopon zarudnyi*

S76: Species distribution models*Varanus griseus griseus**Eryx jayakari**Lytorhynchus diadema diadema*

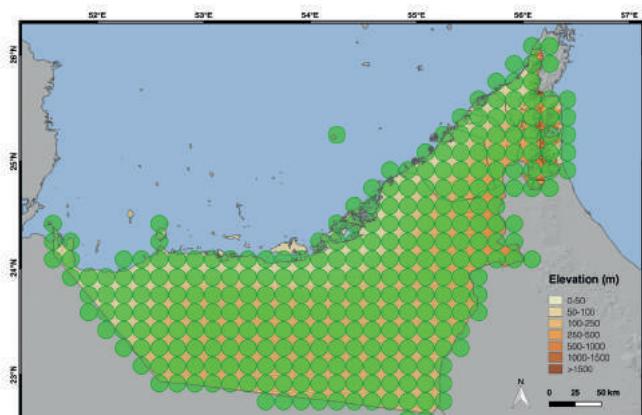
Species distribution models*Platyceps rhodorachis rhodorachis**Platyceps ventromaculatus**Spalerosophis diadema cliffordii*

Species distribution models

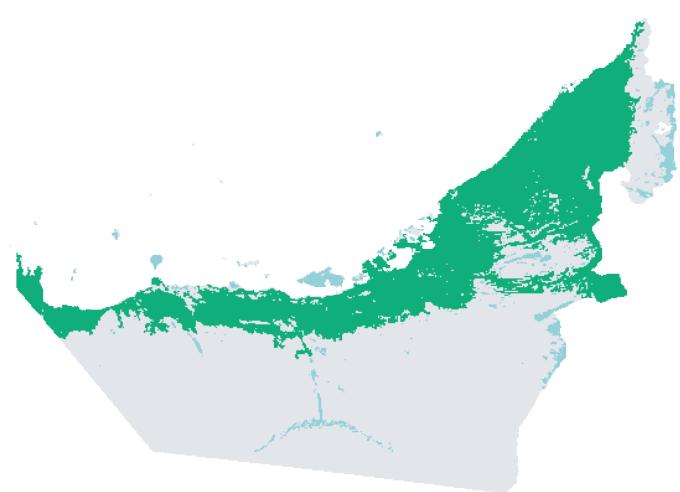
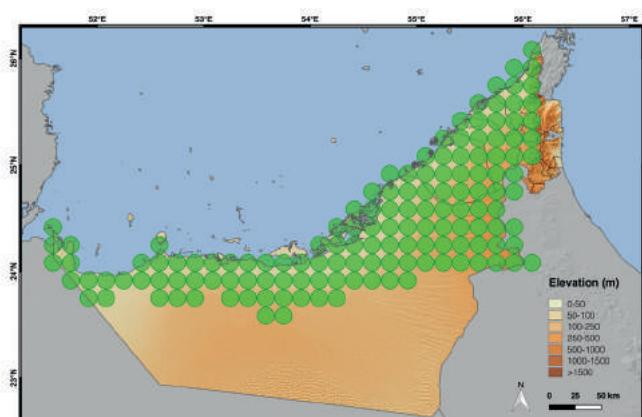
Telescopus dhara dhara

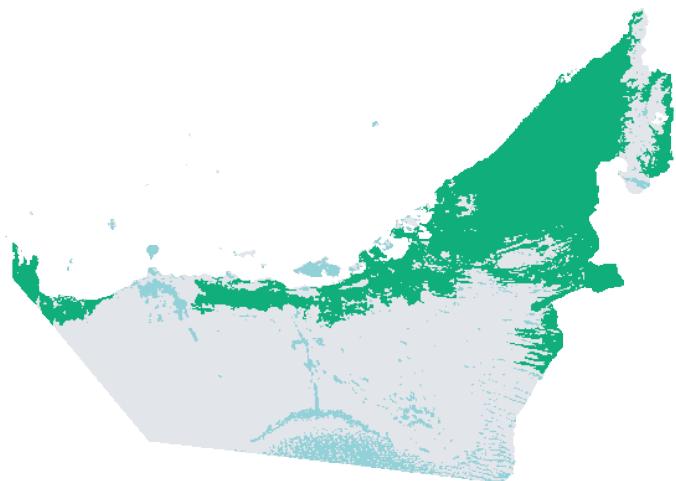
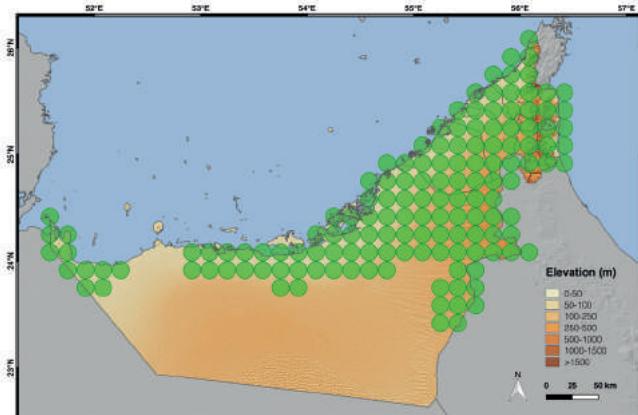
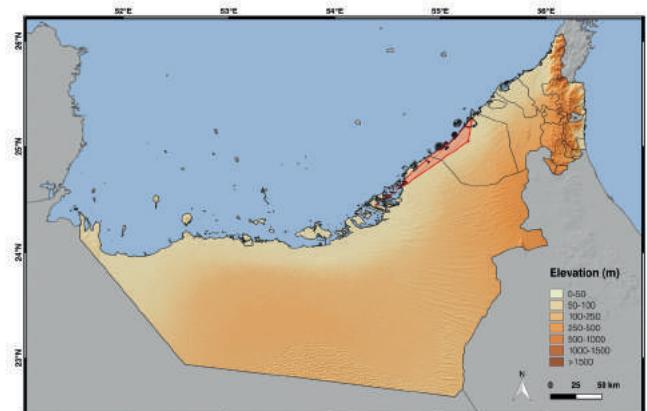
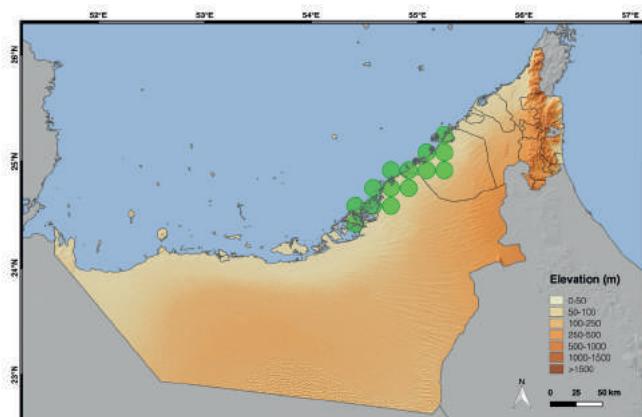
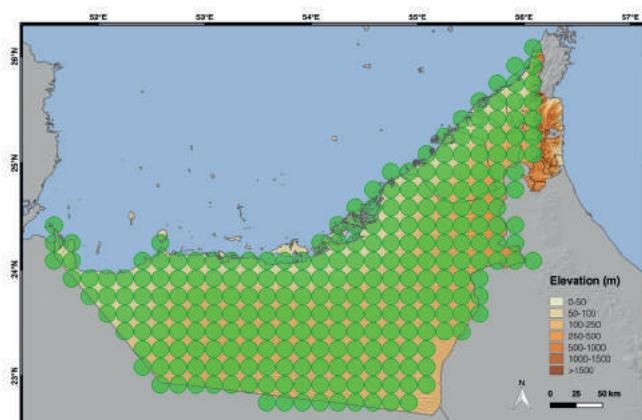


Psammophis schokari



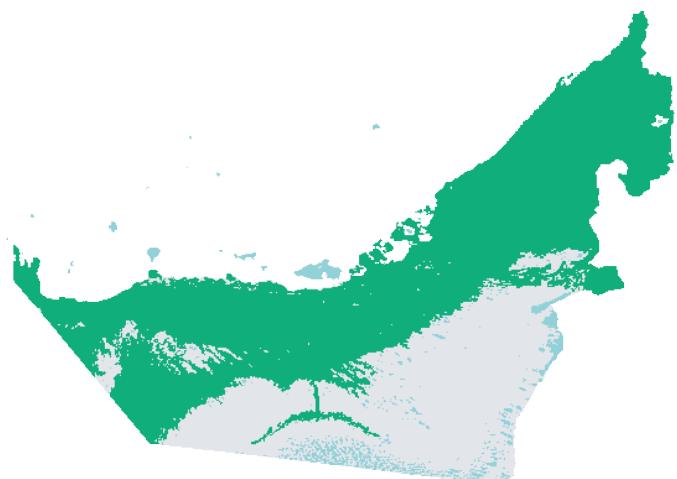
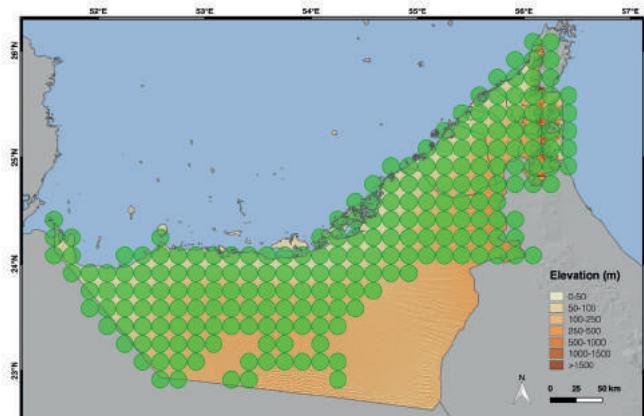
Rhagerhis moilensis



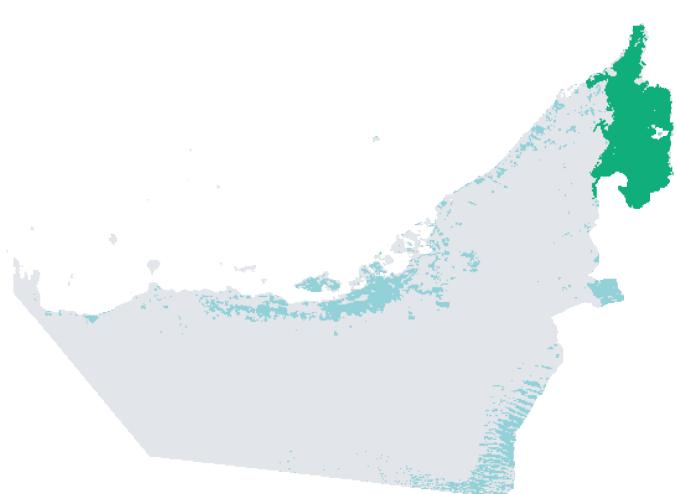
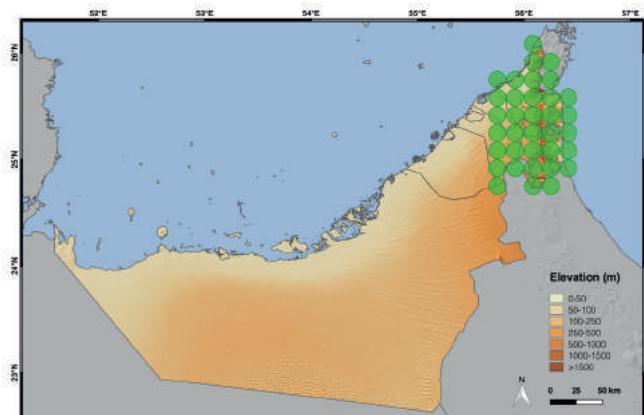
Species distribution models*Myriopholis macrorhyncha**Indotyphlops braminus**Cerastes gasperettii gasperettii*

Species distribution models

Echis carinatus sochureki



Echis omanensis



Pseudocerastes persicus

