Biodiversity modelling reveals a significant gap between diversity hotspots and protected areas for Iranian reptiles

Sajad Noori, Oliver Hawlitschek, Jens Oldeland, Hossein Rajaei, Martin Husemann & Marianna Simões

Supplementary Information: Table S1

Table S1. Location of the detected hotspots of reptile diversity (HRDs) in the current study, Hosseinzadeh et al. (2014), and Kafash et al. (2020). In our study we detected seven HRDs, from which three of them had been suggested by the other studies.

| High diverse areas | Hosseinzadeh et al. 2014 | Kafash et al. 2020 | This study |
|--------------------------------|--------------------------|--------------------|------------|
| Zagros Mountains: | Southwest of Iran in | Western Zagros | HRD A |
| Western slopes of | Khuzestan Plain | Mountains | |
| Zagros mountain in the | | | |
| west and southwest of | | | |
| Iran | | | |
| Zagros Mountains: | - | - | HRD B |
| Central Zagros and the | | | |
| north of the Persian | | | |
| Gulf | | | |
| Alborz Mountains: | - | North eastern and | HRD C |
| Central Alborz, North | | north western of | |
| west and North of | | Central Iranian | |
| Central Plateau | | Plateau | |
| Alborz Mountains: | - | - | HRD D |
| North east of Iran, | | | |
| eastern of the Alborz | | | |
| Mountains | | | |
| Khorasan Jonobi | - | - | HRD E |
| Province: East of Iran | | | |
| on the border with | | | |
| Afghanistan | | | |
| Sistan and Baluchistan | East of Iran | - | HRD F |
| Province: North east of | | | |
| the Sistan and | | | |
| Baluchistan Province on | | | |
| the borders with | | | |
| Afghanistan and | | | |
| Pakistan | | | |
| Sistan and Baluchistan | East of Iran | | HRD G |
| Province: Sothern | | | |
| regions, North of the | | | |
| Oman Sea, along with | | | |
| Makran Mountains | | | |
| Azerbaijan: Northwest | North and Northwest of | - | - |
| of Iran | Iran | | |