**Supplementary Table S1.** *Natrix* samples used in the present study. Haplotypes with asterisks could not be identified more precisely because obtained DNA sequences were too short. Lab codes of those samples used in the three PCA calculations bear symbols (# first calculation, § second calculation). Abbreviations for vouchers: BEV - Laboratoire de Biogéographie et Écologie des Vertébrés, Centre d’Écologie Fonctionnelle & Évolutive, Montpellier; MTD D - Museum of Zoology, Senckenberg Dresden (Herpetological Collection); MTD T – Museum of Zoology, Senckenberg Dresden (Tissue Collection); NHMW – Naturhistorisches Museum Wien; NME – Naturkundemuseum Erfurt; ZFMK – Zoologisches Forschungsmuseum Alexander Koenig, Bonn; ZMH – Zoologisches Museum Hamburg; ZMUO – Zoologisk museum, Universitetet i Oslo. Codes for Dutch samples starting with ‘NN’ are field numbers.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | **mtDNA data** | | | **Microsatellite data** |  |
| **Voucher/sample** | **Locality** | **Dorsolateral stripes** | **Clade** | **ND4 + tRNAs** | **cyt *b*** | **Nuclear genomic identity** | **Reference/source** |
|  |  |  |  |  |  |  |  |
| Samples from study region: | |  |  |  |  |  |  |
| MTD T 13969#,§ | Netherlands: Drenthe: Boschoord | no | **E** | h1 | h1 | *N. h. helvetica* | Kindler et al. (2017) |
| MTD T 13970#,§ | Netherlands: Drenthe: Boschoord | no | **E** | h1 | h1 | *N. h. helvetica* | Kindler et al. (2017) |
| MTD T 13971#,§ | Netherlands: Drenthe: Boschoord | no | **E** | h1 | h1 | *N. h. helvetica* | Kindler et al. (2017) |
| MTD T 12129#,§ | Netherlands: Flevoland: Kuinderbos | no | **E** | h1 | - | *N. h. helvetica* | Kindler et al. (2017) |
| MTD T 12133#,§ | Netherlands: Flevoland: Kuinderbos | no | **E** | h1 | - | *N. h. helvetica* | Kindler et al. (2017) |
| MTD T 13945#,§ | Netherlands: Flevoland: Oostvaardersplassen | no | **E** | h1 | h1 | *N. h. helvetica* | Kindler et al. (2017) |
| MTD T 13946#,§ | Netherlands: Flevoland: Oostvaardersplassen | no | **E** | h1 | h1 | *N. h. helvetica* | Kindler et al. (2017) |
| MTD T 13947#,§ | Netherlands: Flevoland: Oostvaardersplassen | no | **E** | h1 | h1 | *N. h. helvetica* | Kindler et al. (2017) |
| NNFV1#,§ | Netherlands: Friesland: Fochteloërveen | no | **E** | h\* | h18 | *N. h. helvetica* | van Riemsdijk et al. (2020)1 |
| MTD T 13966#,§ | Netherlands: Friesland: Oldeberkoop | no | **E** | h1 | h1 | *N. h. helvetica* | Kindler et al. (2017) |
| MTD T 13967#,§ | Netherlands: Friesland: Oldeberkoop | no | **E** | h1 | h1 | *N. h. helvetica* | Kindler et al. (2017) |
| MTD T 13968#,§ | Netherlands: Friesland: Oldeberkoop | no | **E** | h1 | h1 | *N. h. helvetica* | Kindler et al. (2017) |
| NNAH1#,§ | Netherlands: Gelderland: Asselsche Heide | no | **E** | h\* | h\* | *N. h. helvetica* | van Riemsdijk et al. (2020)1 |
| MTD T 13951#,§ | Netherlands: Gelderland: Beekhuizen | no | **E** | h1 | h1 | *N. h. helvetica* | Kindler et al. (2017) |
| MTD T 13952#,§ | Netherlands: Gelderland: Beekhuizen | no | **E** | h1 | h1 | *N. h. helvetica* | Kindler et al. (2017) |
| MTD T 13953#,§ | Netherlands: Gelderland: Beekhuizen | no | **E** | h1 | h1 | *N. h. helvetica* | Kindler et al. (2017) |
| NNKV1#,§ | Netherlands: Gelderland: Kootwijkerveen | no | **E** | h\* | h18 | *N. h. helvetica* | van Riemsdijk et al. (2020)1 |
| NNVA1#,§ | Netherlands: Gelderland: Vaassen | no | **E** | h\* | h\* | *N. h. helvetica* | van Riemsdijk et al. (2020)1 |
| MTD T 13948#,§ | Netherlands: Gelderland: Wageningen | no | **E** | h1 | h25 | *N. h. helvetica* | Kindler et al. (2017) |
| MTD T 13949#,§ | Netherlands: Gelderland: Wageningen | no | **E** | h1 | h1 | *N. h. helvetica* | Kindler et al. (2017) |
| MTD T 13950#,§ | Netherlands: Gelderland: Wageningen | no | **E** | h1 | h1 | *N. h. helvetica* | Kindler et al. (2017) |
| NNBRU1#,§ | Netherlands: Limburg: Brunssummerheide | ? | **7** | gy122 | gy142 | *N. h. helvetica* × *N. natrix* | van Riemsdijk et al. (2020)1 |
| NNBRU2#,§ | Netherlands: Limburg: Brunssummerheide | ? | **7** | gy\* | gy\* | *N. h. helvetica* × *N. natrix* | This study |
| NNBRU3#,§ | Netherlands: Limburg: Brunssummerheide | yes | **7** | gy122 | gy\* | *N. natrix* subsp.3 | This study |
| MTD T 13963#,§ | Netherlands: Limburg: Rimburg | no | **E** | h1 | h1 | *N. h. helvetica* | Kindler et al. (2017) |
| MTD T 13964#,§ | Netherlands: Limburg: Rimburg | no | **E** | h1 | h1 | *N. h. helvetica* | Kindler et al. (2017) |
| MTD T 13965#,§ | Netherlands: Limburg: Rimburg | no | **E** | h1 | h1 | *N. h. helvetica* | Kindler et al. (2017) |
| MTD T 13957#,§ | Netherlands: North Holland: Amstelveen | no | **E** | h1 | - | *N. h. helvetica* | Kindler et al. (2017) |
| MTD T 13958#,§ | Netherlands: North Holland: Amstelveen | no | **E** | h1 | - | *N. h. helvetica* | Kindler et al. (2017) |
| MTD T 13959#,§ | Netherlands: North Holland: Amstelveen | no | **E** | h1 | h1 | *N. h. helvetica* | Kindler et al. (2017) |
| MTD T 12131#,§ | Netherlands: North Holland: Amsterdam | no | **E** | h1 | - | *N. h. helvetica* | Kindler et al. (2017) |
| **Table S1 continued** | |  | **mtDNA data** | | | **Microsatellite data** |  |
| **Voucher** | **Locality** | **Dorsolateral stripes** | **Clade** | **ND4 + tRNAs** | **cyt *b*** | **Nuclear genomic identity** | **Reference/source** |
| MTD T 12132#,§ | Netherlands: North Holland: Amsterdam | no | **E** | h1 | - | *N. h. helvetica* | Kindler et al. (2017) |
| MTD T 13954#,§ | Netherlands: North Holland: Durgerdam | no | **E** | h1 | h29 | *N. h. helvetica* | Kindler et al. (2017) |
| MTD T 13955#,§ | Netherlands: North Holland: Durgerdam | no | **E** | h1 | h29 | *N. h. helvetica* | Kindler et al. (2017) |
| MTD T 13956#,§ | Netherlands: North Holland: Durgerdam | no | **E** | h1 | h29 | *N. h. helvetica* | Kindler et al. (2017) |
| MTD T 13960#,§ | Netherlands: North Holland: Hilversum | no | **E** | h1 | h1 | *N. h. helvetica* | Kindler et al. (2017) |
| MTD T 13961#,§ | Netherlands: North Holland: Hilversum | no | **E** | h1 | h1 | *N. h. helvetica* | Kindler et al. (2017) |
| MTD T 13962#,§ | Netherlands: North Holland: Hilversum | no | **E** | h1 | h1 | *N. h. helvetica* | Kindler et al. (2017) |
| NNMA8#,§ | Netherlands: North Holland: Marken | no | **E** | h\* | h29 | *N. h. helvetica* | van Riemsdijk et al. (2020)1 |
| NNMA9#,§ | Netherlands: North Holland: Marken | no | **E** | h\* | h29 | *N. h. helvetica* | van Riemsdijk et al. (2020)1 |
| NNMA10#,§ | Netherlands: North Holland: Marken | no | **E** | h\* | h29 | *N. h. helvetica* | van Riemsdijk et al. (2020)1 |
| NNAR1#,§ | Netherlands: South Holland: Alphen aan den Rijn | no | **E** | h\* | h\* | *N. h. helvetica* × *N. n. vulgaris* | van Riemsdijk et al. (2020)1 |
| NNAR2#,§ | Netherlands: South Holland: Alphen aan den Rijn | yes | **4** | r\* | r\* | *N. h. helvetica* × *N. n. vulgaris* | van Riemsdijk et al. (2020)1 |
| NNAR3#,§ | Netherlands: South Holland: Alphen aan den Rijn | yes | **4** | r\* | - | *N. h. helvetica* × *N. n. vulgaris* | van Riemsdijk et al. (2020)1 |
| NNAR4#,§ | Netherlands: South Holland: Alphen aan den Rijn | yes | **4** | r\* | r\* | *N. h. helvetica* × *N. n. vulgaris* | van Riemsdijk et al. (2020)1 |
| NNAR5#,§ | Netherlands: South Holland: Alphen aan den Rijn | yes | **E** | h\* | h\* | *N. h. helvetica* × *N. n. vulgaris* | van Riemsdijk et al. (2020)1 |
| NNAR7#,§ | Netherlands: South Holland: Alphen aan den Rijn | yes | **4** | r\* | r\* | *N. h. helvetica* × *N. n. vulgaris* | van Riemsdijk et al. (2020)1 |
| NNAR8#,§ | Netherlands: South Holland: Alphen aan den Rijn | yes | **4** | r\* | r\* | *N. h. helvetica* × *N. n. vulgaris* | van Riemsdijk et al. (2020)1 |
| NNKW1#,§ | Netherlands: South Holland: Krimpenerwaard | yes | **4** | r\* | - | *N. n. vulgaris* | van Riemsdijk et al. (2020)1 |
| NNKW2#,§ | Netherlands: South Holland: Krimpenerwaard | yes | **4** | r\* | r\* | *N. n. vulgaris* | van Riemsdijk et al. (2020)1 |
| NNKW3#,§ | Netherlands: South Holland: Krimpenerwaard | yes | **4** | r\* | - | *N. n. vulgaris* | van Riemsdijk et al. (2020)1 |
| NNKW4#,§ | Netherlands: South Holland: Krimpenerwaard | no | **4** | r\* | - | *N. n. vulgaris* | van Riemsdijk et al. (2020)1 |
| NNKW5#,§ | Netherlands: South Holland: Krimpenerwaard | no | **4** | r\* | - | *N. n. vulgaris* | van Riemsdijk et al. (2020)1 |
| NNKW6#,§ | Netherlands: South Holland: Krimpenerwaard | no | **4** | r\* | r\* | *N. n. vulgaris* | van Riemsdijk et al. (2020)1 |
| NNKW11#,§ | Netherlands: South Holland: Krimpenerwaard | no | **4** | r\* | - | *N. n. vulgaris* | van Riemsdijk et al. (2020)1 |
| NNKW12#,§ | Netherlands: South Holland: Krimpenerwaard | no | **4** | r\* | r\* | *N. n. vulgaris* | van Riemsdijk et al. (2020)1 |
| NNKW13#,§ | Netherlands: South Holland: Krimpenerwaard | no | **4** | r\* | r\* | *N. n. vulgaris* | van Riemsdijk et al. (2020)1 |
| NNKW14#,§ | Netherlands: South Holland: Krimpenerwaard | no | **4** | r\* | r\* | *N. n. vulgaris* | van Riemsdijk et al. (2020)1 |
| NNKW15#,§ | Netherlands: South Holland: Krimpenerwaard | no | **4** | r\* | r\* | *N. n. vulgaris* | van Riemsdijk et al. (2020)1 |
| NNKW16#,§ | Netherlands: South Holland: Krimpenerwaard | no | **4** | r\* | r\* | *N. n. vulgaris* | van Riemsdijk et al. (2020)1 |
| NNKW17#,§ | Netherlands: South Holland: Krimpenerwaard | yes | **4** | r\* | r\* | *N. n. vulgaris* | van Riemsdijk et al. (2020)1 |
| NNKW18#,§ | Netherlands: South Holland: Krimpenerwaard | no | **4** | r\* | r\* | *N. n. vulgaris* | van Riemsdijk et al. (2020)1 |
| NNKW19#,§ | Netherlands: South Holland: Krimpenerwaard | no | **4** | r\* | r\* | *N. n. vulgaris* | van Riemsdijk et al. (2020)1 |
| NNKW20#,§ | Netherlands: South Holland: Krimpenerwaard | yes | **4** | r\* | r\* | *N. n. vulgaris* | van Riemsdijk et al. (2020)1 |
| NNKW21#,§ | Netherlands: South Holland: Krimpenerwaard | yes | **4** | r\* | r\* | *N. n. vulgaris* | van Riemsdijk et al. (2020)1 |
| NNKW22#,§ | Netherlands: South Holland: Krimpenerwaard | no | **4** | r\* | r\* | *N. n. vulgaris* | van Riemsdijk et al. (2020)1 |
| NNKW23#,§ | Netherlands: South Holland: Krimpenerwaard | no | **4** | r\* | r\* | *N. n. vulgaris* | van Riemsdijk et al. (2020)1 |
| NNKW24#,§ | Netherlands: South Holland: Krimpenerwaard | yes | **4** | r\* | r\* | *N. n. vulgaris* | van Riemsdijk et al. (2020)1 |
| NNKW25#,§ | Netherlands: South Holland: Krimpenerwaard | yes | **4** | r\* | r\* | *N. n. vulgaris* | van Riemsdijk et al. (2020)1 |
| NNKW26#,§ | Netherlands: South Holland: Krimpenerwaard | no | **4** | r\* | r\* | *N. n. vulgaris* | van Riemsdijk et al. (2020)1 |
| NNKW27#,§ | Netherlands: South Holland: Krimpenerwaard | yes | **4** | r\* | r\* | *N. n. vulgaris* | van Riemsdijk et al. (2020)1 |
| NNKW28#,§ | Netherlands: South Holland: Krimpenerwaard | yes | **4** | r\* | r\* | *N. n. vulgaris* | van Riemsdijk et al. (2020)1 |
| **Table S1 continued** | |  | **mtDNA data** | | | **Microsatellite data** |  |
| **Voucher** | **Locality** | **Dorsolateral stripes** | **Clade** | **ND4 + tRNAs** | **cyt *b*** | **Nuclear genomic identity** | **Reference/source** |
| NNKW29#,§ | Netherlands: South Holland: Krimpenerwaard | no | **4** | r\* | r\* | *N. n. vulgaris* | van Riemsdijk et al. (2020)1 |
| NNKW30#,§ | Netherlands: South Holland: Krimpenerwaard | no | **4** | r\* | r\* | *N. n. vulgaris* | van Riemsdijk et al. (2020)1 |
| NNKW31#,§ | Netherlands: South Holland: Krimpenerwaard | no | **4** | r\* | r\* | *N. n. vulgaris* | van Riemsdijk et al. (2020)1 |
| MTD T 13943#,§ | Netherlands: Utrecht: Houten | ? | **E** | h1 | h29 | *N. h. helvetica* | Kindler et al. (2017) |
| MTD T 13944#,§ | Netherlands: Utrecht: Houten | ? | **E** | h1 | h29 | *N. h. helvetica* | Kindler et al. (2017) |
| NNHOU1#,§ | Netherlands: Utrecht: Houten | ? | - | - | - | *N. h. helvetica* × *N. natrix* | This study |
| NNHOU2#,§ | Netherlands: Utrecht: Houten | ? | **E** | h\* | - | *N. h. helvetica* | This study |
| NNHOU3#,§ | Netherlands: Utrecht: Houten | ? | **E** | h\* | - | *N. h. helvetica* | van Riemsdijk et al. (2020)1 |
| MTD T 13939#,§ | Netherlands: Utrecht: Leersum | ? | **E** | h1 | h1 | *N. h. helvetica* | Kindler et al. (2017) |
| MTD T 13941#,§ | Netherlands: Utrecht: Leersum | ? | **E** | h1 | h29 | *N. h. helvetica* | Kindler et al. (2017) |
|  |  |  |  |  |  |  |  |
| Samples from other regions: | |  |  |  |  |  |  |
| MTD T 9652#,§ | Denmark: Funen: NNW Svendborg | ? | **3** | y1 | y1 | *N. n. natrix* | Kindler et al. (2013) |
| MTD T 14556#,§ | Denmark: Zealand: S Hillerød: Børstingerød Mose | ? | **3** | y1 | y40 | *N. n. natrix* | Kindler et al. (2017) |
| MTD T 11589#,§ | Finland: Åland: Finström | ? | **3** | y1 | y5 | *N. n. natrix* | Kindler et al. (2014) |
| MTD T 14383#,§ | Germany: Brandenburg: Golm | ? | **3** | y1 | y5 | *N. n. natrix* | Kindler et al. (2017) |
| ZMH R06162#,§ | Germany: Hamburg: Ohlstedt | ? | **3** | y1 | - | *N. n. natrix* | Kindler et al. (2017) |
| MTD T 14749#,§ | Germany: Lower Saxony: Cuxhaven: Spanger Heide | ? | **3** | y1 | y17 | *N. n. natrix* | Kindler et al. (2017) |
| MTD T 13371#,§ | Germany: Lower Saxony: Lachendorf | ? | **3** | y1 | - | *N. n. natrix* | Kindler et al. (2017) |
| MTD T 11474#,§ | Germany: Mecklenburg-Western Pomerania: 3 km E Wesenberg | ? | **3** | y1 | y17 | *N. n. natrix* | Kindler et al. (2014) |
| NME R 0974/14#,§ | Germany: Mecklenburg-Western Pomerania: Groß Miltzow | ? | **3** | y1 | y17 | *N. n. natrix* | Kindler et al. (2017) |
| MTD T 14508#,§ | Germany: Mecklenburg-Western Pomerania: Rostock: Radelsee | ? | **3** | y10 | y17 | *N. n. natrix* | Kindler et al. (2017) |
| MTD D 47318#,§ | Germany: Saxony: Chemnitz | ? | **3** | - | y5 | *N. n. natrix* | Kindler et al. (2013) |
| MTD D 45996#,§ | Germany: Saxony: Lauterbach | ? | **3** | - | y5 | *N. n. natrix* | Kindler et al. (2013) |
| ZFMK 85184#,§ | Germany: Schleswig-Holstein: Kiel-Elmschenhagen | ? | **3** | y1 | y20 | *N. n. natrix* | Kindler et al. (2013) |
| MTD T 13936#,§ | Germany: Schleswig-Holstein: Lübeck: Schellbruch | ? | **3** | y1 | y20 | *N. n. natrix* | Kindler et al. (2017) |
| NME R 0793/13#,§ | Germany: Thuringia: Großheringen | ? | **3** | y1 | y5 | *N. n. natrix* | Kindler et al. (2017) |
| ZMUO 54-96#,§ | Norway: Akershus: Son | ? | **3** | y1 | y17 | *N. n. natrix* | Kindler et al. (2013) |
| ZMUO 26-85#,§ | Norway: Oslo: Maridalen: Skjervensaga | ? | **3** | y1 | y17 | *N. n. natrix* | Kindler et al. (2013) |
| MTD T 11485#,§ | Poland: Western Pomerania: Usedom | ? | **3** | y1 | y17 | *N. n. natrix* | Kindler et al. (2014) |
| MTD T 10920#,§ | Sweden: Öland: Halltorps Hage | ? | **3** | y36 | y17 | *N. n. natrix* | Kindler et al. (2014) |
| MTD T 14860#,§ | Sweden: Västergötland: Vegby | ? | **3** | y1 | y1 | *N. n. natrix* | Kindler et al. (2017) |
| NHMW 39266:2 #,§ | Austria: Burgenland: Apetlon | ? | **4** | r3 | r18 | *N. n. vulgaris* | Kindler et al. (2017) |
| MTD T 12066#,§ | Austria: Burgenland: Lake Neusiedl: Jois | ? | **4** | r4 | - | *N. n. vulgaris* | Kindler et al. (2017) |
| MTD T 14562#,§ | Austria: Vienna: Vienna | ? | **4** | r3 | r10 | *N. n. vulgaris* | Kindler et al. (2017) |
| MTD T 14755#,§ | Czech Republic: South Moravia: Pouzdřanský rybník | ? | **4** | r4 | r34 | *N. n. vulgaris* | Kindler et al. (2017) |
| MTD T 14756#,§ | Czech Republic: South Moravia: Národní park Podyjí | ? | **4** | r4 | r34 | *N. n. vulgaris* | Kindler et al. (2017) |
| MTD T 9880#,§ | Czech Republic: Zlín: Chřiby Mountains: Jankovice | ? | **4** | r4 | - | *N. n. vulgaris* | Kindler et al. (2013) |
| MTD T 11152#,§ | Germany: Bavaria: Munich: Obermenzing | ? | **4** | r3 | r10 | *N. n. vulgaris* | Kindler et al. (2017) |
| MTD T 11139#,§ | Germany: Bavaria: near Haiming | ? | **4** | r3 | r10 | *N. n. vulgaris* | Kindler et al. (2017) |
| MTD T 11888#,§ | Germany: North Rhine-Westphalia: Mettmann: Neandertal | ? | **4** | r4 | r35 | *N. n. vulgaris* | Kindler et al. (2017) |
| **Table S1 continued** | |  | **mtDNA data** | | | **Microsatellite data** |  |
| **Voucher** | **Locality** | **Dorsolateral stripes** | **Clade** | **ND4 + tRNAs** | **cyt *b*** | **Nuclear genomic identity** | **Reference/source** |
| MTD T 11895#,§ | Germany: North Rhine-Westphalia: Mettmann: Neandertal | ? | **4** | r4 | - | *N. n. vulgaris* | Kindler et al. (2017) |
| MTD T 14445#,§ | Germany: Saxony: Klingenberg | ? | **4** | r3 | r10 | *N. n. vulgaris* | Kindler et al. (2017) |
| MTD T 11033#,§ | Germany: Saxony: Moritzburg | ? | **4** | r4 | r34 | *N. n. vulgaris* | Kindler et al. (2017) |
| ZFMK 61029#,§ | Hungary: Győr-Moson-Sopron: Győr | ? | **4** | r3 | r10 | *N. n. vulgaris* | Kindler et al. (2013) |
| MTD T 12765#,§ | Hungary: Borsod-Abaúj-Zemplén: near Tokaj | ? | **4** | r3 | r3 | *N. n. vulgaris* | Kindler et al. (2017) |
| MTD T 12777#,§ | Hungary: Borsod-Abaúj-Zemplén: near Tokaj | ? | **4** | r3 | r4 | *N. n. vulgaris* | Kindler et al. (2017) |
| MTD T 10025#,§ | Poland: Upper Silesia: Kotórz Wielki | ? | **4** | r3 | r10 | *N. n. vulgaris* | Kindler et al. (2013) |
| MTD T 8640#,§ | Romania: Gorj: Cerna Sat | ? | **4** | r6 | - | *N. n. vulgaris* | Kindler et al. (2013) |
| MTD T 9011#,§ | Slovakia: Bratislava: Jurský Šúr | ? | **4** | r4 | r53 | *N. n. vulgaris* | Kindler et al. (2013) |
| MTD T 9010#,§ | Slovakia: Bratislava: Waitov lom | ? | **4** | r3 | r10 | *N. n. vulgaris* | Kindler et al. (2013) |
| MTD T 12970#,§ | Slovakia: Bratislava: Železná Studnička | ? | **4** | r4 | r57 | *N. n. vulgaris* | Kindler et al. (2017) |
| MTD T 10952#,§ | Bulgaria: Burgas: Bosna pass | ? | **7** | gy10 | gy2 | *N. natrix* subsp.3 | Kindler et al. (2017) |
| MTD T 12965#,§ | Bulgaria: Burgas: Pomorie | ? | **7** | gy4 | gy11 | *N. natrix* subsp.3 | Kindler et al. (2017) |
| MTD T 10943#,§ | Bulgaria: Burgas: Primorsko | ? | **7** | gy1 | gy4 | *N. natrix* subsp.3 | Kindler et al. (2017) |
| MTD T 10939#,§ | Bulgaria: Plovdiv: Asenovgrad: Asenovitza river | ? | **7** | gy1 | gy4 | *N. natrix* subsp.3 | Kindler et al. (2017) |
| MTD T 8649#,§ | Bulgaria: Stara-Zagora: Shipka pass | ? | **7** | - | gy4 | *N. natrix* subsp.3 | Kindler et al. (2013) |
| MTD T 9398#,§ | Cyprus: Larnaka: Paralimni | ? | **7** | gy11 | - | *N. natrix* subsp.3 | Kindler et al. (2013) |
| MTD T 11908#,§ | Cyprus: Nikosia: Xyliatos dam | ? | **7** | gy11 | gy3 | *N. natrix* subsp.3 | Kindler et al. (2017) |
| MTD T 11912#,§ | Cyprus: Nikosia: Xyliatos dam | ? | **7** | gy6 | gy9 | *N. natrix* subsp.3 | Kindler et al. (2017) |
| MTD T 11913#,§ | Cyprus: Nikosia: Xyliatos dam | ? | **7** | gy6 | gy9 | *N. natrix* subsp.3 | Kindler et al. (2017) |
| MTD T 11915#,§ | Cyprus: Nikosia: Xyliatos dam | ? | **7** | gy6 | gy9 | *N. natrix* subsp.3 | Kindler et al. (2017) |
| MTD T 11822#,§ | Greece: Evros: Samothrace | ? | **7** | gy6 | - | *N. natrix* subsp.3 | Kindler et al. (2017) |
| MTD T 11825#,§ | Greece: Evros: Samothrace | ? | **7** | gy6 | - | *N. natrix* subsp.3 | Kindler et al. (2017) |
| MTD T 11829#,§ | Greece: Evros: Samothrace | ? | **7** | gy6 | - | *N. natrix* subsp.3 | Kindler et al. (2017) |
| ZFMK 89415#,§ | Greece: Samos | ? | **7** | gy8 | - | *N. natrix* subsp.3 | Kindler et al. (2013) |
| ZFMK 62958#,§ | Greece: Xanthus: Jasmos | ? | **7** | gy8 | - | *N. natrix* subsp.3 | Kindler et al. (2013) |
| ZFMK 47034#,§ | Turkey: Aegean Region: between Söke and Doğanbey | ? | **7** | - | gy12 | *N. natrix* subsp.3 | Kindler et al. (2013) |
| ZFMK 82946#,§ | Turkey: Aegean Region: Dalyan | ? | **7** | - | gy13 | *N. natrix* subsp.3 | Kindler et al. (2013) |
| MTD D 25227#,§ | Turkey: Aegean Region: Selçuk | ? | **7** | gy11 | - | *N. natrix* subsp.3 | Kindler et al. (2013) |
| MTD D 25229#,§ | Turkey: Aegean Region: Selçuk | ? | **7** | gy8 | - | *N. natrix* subsp.3 | Kindler et al. (2013) |
| BEV.T7392#,§ | Turkey: Marmara Region: Beşevler | ? | **7** | gy7 | gy8 | *N. natrix* subsp.3 | Kindler et al. (2017) |
| MTD T 20580# | Turkey: Afyonkarahisar: Karamuk Swamp | ? | - | - | - | *N. tessellata* | This study |
| MTD T 20586# | Turkey: Afyonkarahisar: Karamuk Swamp | ? | - | - | - | *N. tessellata* | This study |
| MTD T 20533# | Turkey: Ardahan: Lake Çıldır | ? | - | - | - | *N. tessellata* | This study |
| MTD T 20534# | Turkey: Ardahan: Lake Çıldır | ? | - | - | - | *N. tessellata* | This study |
| MTD T 20535# | Turkey: Ardahan: Lake Çıldır | ? | - | - | - | *N. tessellata* | This study |
| MTD T 20613# | Turkey: Ankara: Kızılcahamam | ? | - | - | - | *N. tessellata* | This study |
| MTD T 21295# | Turkey: Aydın | ? | - | - | - | *N. tessellata* | This study |
| MTD T 21296# | Turkey: Aydın | ? | - | - | - | *N. tessellata* | This study |
| MTD T 21293# | Turkey: Bitlis: Nemrut Gölü | ? | - | - | - | *N. tessellata* | This study |
| MTD T 20616# | Turkey: Çanakkale: Gelibolu | ? | - | - | - | *N. tessellata* | This study |
| **Table S1 continued** | |  | **mtDNA data** | | | **Microsatellite data** |  |
| **Voucher** | **Locality** | **Dorsolateral stripes** | **Clade** | **ND4 + tRNAs** | **cyt *b*** | **Nuclear genomic identity** | **Reference/source** |
| MTD T 21263# | Turkey: Çanakkale: Kalkım | ? | - | - | - | *N. tessellata* | This study |
| MTD T 21265# | Turkey: Çanakkale: Kavakköy | ? | - | - | - | *N. tessellata* | This study |
| MTD T 20560# | Turkey: Denizli: Lake Işıklı | ? | - | - | - | *N. tessellata* | This study |
| MTD T 20569# | Turkey: Denizli: Lake Işıklı | ? | - | - | - | *N. tessellata* | This study |
| MTD T 21294# | Turkey: Erzurum: Nalman | ? | - | - | - | *N. tessellata* | This study |
| MTD T 21289# | Turkey: Konya: Akşehir | ? | - | - | - | *N. tessellata* | This study |
| MTD T 21290# | Turkey: Konya: Ereğli | ? | - | - | - | *N. tessellata* | This study |
| MTD T 21276# | Turkey: Mersin: Fındıkpınarı | ? | - | - | - | *N. tessellata* | This study |
| MTD T 21291# | Turkey: Ordu | ? | - | - | - | *N. tessellata* | This study |

1Only mtDNA data

2Newly identified haplotype

3See Fritz & Schmidtler (2020)