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Type specimens of recent vertebrates in the collections of the National Museum, Prague, Czech Republic

Jiří Mlíkovský, Petr Benda, Jiří Moravec & Radek Šanda

Department of Zoology, National Museum, Václavské náměstí 68, CZ-115 79 Praha 1, Czech Republic; e-mails: jiri_mlikovsky@nm.cz, petr_benda@nm.cz, jiri_moravec@nm.cz, radek_sanda@nm.cz

Abstract. The National Museum (Národní muzeum; NMP) possesses name-bearing type specimens of 32 taxa of recent vertebrates, as follows:

Mammalia (9): Soricidae (*Sorex araneus bohemicus*), Rhinopomatidae (*Rhinopoma hadramauticum*), Vespertilionidae (*Hypsugo lanzai*, *Pipistrellus hanaki*, *Pipistrellus hanaki creticus*, *Pipistrellus pygmaeus cyprius*, *Plecotus christii petraeus*, *Plecotus teneriffae geisleri*), and Equidae (*Asinus hemionus kulan*);

Aves (8): Falconidae (*Falco feldeggii*, *Falco cyanopus*, *Falco rubeus*), Raphidae (*Raphus cucullatus*, *Didus ineptus*), Picidae (*Celeus grammicus latifasciatus*), Cotingidae (*Lathria cryptolopha mindoensis*), and Turdidae (*Turdus montanus*);

Reptilia (10): Agamidae (*Pseudotrapelus sinaitus werneri*), Anguidae (*Anguis fragilis peloponnesiacus*), Gekkonidae (*Gymnodactylus bartoni*, *Gymnodactylus kotschyi bureschi*, *Gymnodactylus kotschyi kalypsae*, *Hemidactylus dawudazraqi*, *Hemidactylus turcicus lavadeserticus*), Lacertidae (*Eremias lalezharica*), Scincidae (*Ablepharus pannonicus fabichi*), and Colubridae (*Tarbophis fallax pallidus*);

Amphibia (1): Hylidae (*Hyla felixarabica*);

Actinopterygii (3): Gobiidae (*Knipowitschia montenegrina*, *Pomatoschistus montenegrensis*), and Cyprinidae (*Alburnus neretvae*);

Cyclostomata (1): Petromyzontidae (*Lampetra bergi*).

In addition, 45 taxa of recent vertebrates are represented in the NMP collections only by paralectotypes or paratypes. They belong to the classes of Mammalia (3), Aves (16), Reptilia (10), Amphibia (9), and Actinopterygii (7).
Keywords. Type specimens, Mammalia, Aves, Reptilia, Amphibia, Actinopterygii, Cyclostomata.

INTRODUCTION

The National Museum (formerly Bohemian Museum; NMP) at Prague was founded in 1818 (Černý 1884, Raffler 2007). First recent vertebrates were donated to it already in 1818 and the collections grew continuously (Štěpánek 1975), but specimens were used almost exclusively for exhibitions purposes. No museum curators were engaged in taxonomic studies of recent vertebrates until Otakar Štěpánek (1903-1995) wrote, in the

1930s-1940s, a few papers on the systematics of reptiles (Štěpánek 1934, 1937a,b,c,d, 1938, 1939, 1944) and micromammals (Štěpánek 1943). Studies in the taxonomy of recent vertebrates ceased after the World War II in the NMP. The situation changed only around 2000, when curators of vertebrate collections started to focus on taxonomic studies (see below for references).

As a result, type specimens of new taxa were added to, and type specimens of formerly described taxa were recognized in NMP collections. Previous reports on the type specimens of recent vertebrates in NMP included those on fishes (Šanda & Vukić 2006), amphibians (Moravec 2003), reptiles (Moravec 1996, 2003) and birds (Mlíkovský 2005; see also Mlíkovský 2010e). In this paper we present a full list of type specimens of recent vertebrates deposited in the NMP.

Nomenclatural issues follow the International Code of Zoological Nomenclature (ICZN 1999). Spelling of toponyms follows NGA (2011) where possible. Names originally written in the Cyrillic script were transliterated according to currently valid rules (Mlíkovský 2010a, Pedersen 2011). All dates are written in the Georgian calendar (Mlíkovský 2010d). Geographic coordinates are written using the decimal system.

Museum acronyms

AFAN = Zoological Museum, National Academy of Sciences, Erevan, Armenia.
BMNH = Natural History Museum, London, United Kingdom.
CBF = Colección Boliviana de Fauna, La Paz, Bolivia.
CUP = Katedra zoologie [Department of Zoology], Karlova univerzita [Charles University], Praha, Czech Republic.
DFCH-USFQ = Universidad San Francisco de Quito, Quito, Ecuador
HLMD-RA = Hessiches Landesmuseum Darmstadt, Germany.
HUJ-R = Zoological Museum, Hebrew University of Jerusalem, Jerusalem, Israel.
MCZ-A = Museum of Comparative Zoology, Harvard University, Harvard, USA.
MNHN = Muséum National d'Histoire Naturelle, Paris, France.
MNK-A = Museo de Historia Natural Noel Kempff Mercado, Santa Cruz de la Sierra, Bolivia.
MUSM = Museo de Historia Natural, Universidad Nacional Mayor de San Marcos, Lima, Peru.
MZUF = Museo Zoologico de La Specola, Firenze, Italy.
NHMW = Naturhistorisches Museum, Wien, Austria.
NMNHS = National Museum of Natural History, Sofia, Bulgaria.
NMP = Národní muzeum [National Museum], Praha, Czech Republic.
SMNS = Staatliches Museum für Naturkunde, Stuttgart, Germany.
TAU = Zoological Museum, Tel Aviv University, Tel Aviv, Israel.
ZFMK = Zoologisches Forschungsinstitut und Museum Alexander Koenig, Bonn, Germany.
ZIN = Zoologičeskij institut [Zoological Institute], Rossijskaâ akademiâ nauk [Russian Academy of Sciences], Sankt-Peterburg, Russia.
ZMMU = Zoologičeskij muzej [Zoological Museum], Moskovskij gosudarstvennyj universitet [Moscow State University], Moskva, Russia.
ZSM = Zoologische Staatssammlung, München, Germany.

Other abbreviation

B = number in the old Exhibition Catalogue of Exotic Birds
b = number in Frič's (1866) catalogue of birds in the NMP.
NMP6V = abbreviation for "NMP P6V" used in some herpetological works.
P6V = currently valid inventory numbers in the collection of recent vertebrates in the Department of Zoology of the NMP.
pb = Petr Benda's field-numbers.

Rosenberg = numbers in the former Rosenberg Collection, London, United Kingdom.
Seilern = numbers in the former Josef von Seilern Collection, Lešná, Czech Republic.
SL = standard length
Stötzner = Walter Stötzner's field-numbers.
TL = total lenght
Watkins = H. Watkins & C. Watkins field-numbers.
Woborzil = numbers in the former Johann Wilhelm von Woborzil Collection, Praha, Czech Republic.

Authors

This list of authors of vertebrate taxa, which are represented in the NMP collections by type specimens, included only deceased persons.

Argiropulo, Anatolij Ivanovič (also Argyropulo, Anatol) (*fl.* 1910–1950): Russian zoologist and paleontologist.
Eiselt, Josef (1912-2001): Austrian herpetologist.
Hellmayr, Carl Eduard (1878-1944): Austrian-American ornithologist.
Kuzâkin Aleksandr Petrovič, Russian zoologist, 1915–1988
Linnaeus, Carl (1707-1778), Swedish naturalist.
Mazák, Vratislav (1937–1987): Czech mammalogist.
Müller, August (1853-1913): German ornithologist and natural history dealer.
Schlegel, Hermann (1804-1884): German-Dutch ornithologist.
Schmidt, Franz Wilibald (1764-1796): German-Czech naturalist.
Seilern, Josef von (1883-1939): Austrian-Czech ornithologist.
Štěpánek, Otakar (1903-1995): Czech zoologist.
Thienemann, Friedrich August Ludwig (1793-1858): German zoologist.
Vladykov, Vadim (1898-1986): Ukrainian-Czech-Canadian ichthyologist.
Wettstein, Otto (1892-1967): Austrian herpetologist.

SYSTEMATIC LIST

MAMMALIA[1]

Soricidae

Sorex araneus bohemicus Štěpánek

Sorex araneus bohemicus Štěpánek, 1943: 2.

Now: *Sorex araneus araneus* Linnaeus, 1758. See Hutterer (2005: 283).

Holotype: NMP P6V-013197, skull and mounted skin, sex unknown, collected by Otakar Štěpánek on 24 September 1943 at the Lnáře Hydrobiological Station, Blatná, Prachatice District, southern Bohemia, Czech Republic; 49.43°N, 13.88°E.

Rhinopomatidae

Rhinopoma hadramauticum Benda

Rhinopoma hadramauticum Benda in Benda et al. 2009a: 59.

Now: *Rhinopoma hadramauticum* Benda, 2009.

Holotype: NMP P6V-092282 (pb3789), alcoholic specimen with skull extracted, adult ♂, collected by Petr Benda, Abdul Karim Nasher and Antonín Reiter on 6 November 2007 at Ash Sheher, Hadramaut, Yemen; 14.77°N, 49.60°E.

Paratypes: NMP P6V-092281 (pb3786), P6V-092284 (pb3791), P6V-092285 (pb3792), P6V-092288 (pb3796), four alcoholic specimens with skulls extracted, adult ♀♀, collection data as for the holotype.

Paratypes: P6V-092283 (pb3790), P6V-092287 (pb3794), P6V-092289 (pb3797), alcoholic specimens with skulls extracted, adult ♂♂, collection data as for the holotype.

Paratype: NMP P6V-092280 (pb3785), whole alcoholic specimen, adult ♀, collection data as for the holotype.

Paratype: NMP P6V-092286 (pb3793), whole alcoholic specimen, subadult ♀, collection data as for the holotype.

1 Author: Petr Benda.

Hipposideridae

Triaenops parvus Benda & Vallo

Triaenops parvus Benda & Vallo, 2009: 29.

Now: *Triaenops parvus* Benda & Vallo, 2009.

Holotype: NMP P6V-092270 (pb3039), alcoholic specimen with skull extracted, adult ♂, collected by Petr Benda on 15 October 2005 at Hawf, Al Mahra Prov., Yemen; 16.65°N, 53.07°E.

Paratypes: NMP P6V-092264 (pb3011), P6V-092265 (pb3012), P6V-092269 (pb3016), three alcoholic specimens with skulls extracted, adult ♂♂, collected by Petr Benda on 14 October 2005 on the same locality as the holotype.

Paratype: NMP P6V-092267 (pb3014), alcoholic specimen with skull extracted, adult ♀, collection data as for the paratype P6V-092264.

Paratype: NMP P6V-092268 (pb3015), whole alcoholic specimen, adult ♀ collection data as for the paratype P6V-092264.

Vespertilionidae

Hypsugo lanzai Benda et al.

Hypsugo lanzai Benda, Al-Jumaily, Reiter & Nasher, 2011a: 37.

Now: *Hypsugo lanzai* Benda, Al-Jumaily, Reiter & Nasher, 2011.

Holotype: NMP P6V-090587 (pb2743), alcoholic specimen with skull extracted, adult ♀, collected by Petr Benda and Antonín Reiter on 12 May 2004 at Wadi Es Gego, Socotra Island, Yemen; 12.47°N, 54.02°E.

Paratype: NMP P6V-092106, alcoholic specimens with skull extracted, adult ♂, collected by Bohumil Pražan and Abdul Karim Nasher on 24 November 2002 at Faka Spring, Wadi Erher, Socotra, Yemen; 12.55°N, 54.47°E.

Remarks: Two other paratypes are deposited at BMNH (Benda et al. 2011a).

Pipistrellus hanaki Hulva & Benda

Pipistrellus hanaki Hulva & Benda in Benda et al. 2004a: 207.

Now: *Pipistrellus hanaki* Hulva & Benda, 2004. See Hulva et al. (2010).

Holotype: NMP P6V-049897 (pb2145), alcoholic specimen with skull extracted, adult ♀, collected Michal Andreas, Petr Benda, Vladimír Hanák, Antonín Reiter and Marcel Uhrin on 19 May 2002 at Wadi al Kuf, southwest of Al Bayda, Cyrenaica, Libya; 32.73°N, 21.68°E.

Paratypes: NMP P6V-049894–049896 (pb2142–2144), three alcoholic specimens with skulls extracted, adult ♀♀, collection data as for the holotype.

Paratypes: NMP P6V-049903 (pb2151), P6V-049904 (pb2152), two alcoholic specimens with skulls extracted, adult ♀♀, collected by Michal Andreas, Petr Benda, Vladimír Hanák, Antonín Reiter and Marcel Uhrin on 20 May 2002 at a small cave in the central part of Wadi Al Kuf, 8 km southwest of Massah, Cyrenaica, Libya; 32.70°N, 21.58°E.

Paratype: NMP P6V-049902 (pb2150), whole alcoholic specimen, subadult ♂, collection data as for the paratype P6V-049903.

Paratypes: NMP P6V-049890 (pb2135), NMP-049892 (pb2137), two alcoholic specimens with skulls extracted, adult ♀♀, collected by Michal Andreas, Petr Benda, Vladimír Hanák, Antonín Reiter, and Marcel Uhrin on 18 May 2002 at ‘Arqub Ash Shafshaf, ca. 3 km south of Al Hilal, Cyrenaica, Libya; 32.87°N, 22.18°E.

Paratype: NMP P6V-049891 (pb2136), alcoholic specimen with skull extracted, adult ♂, collection data as for the paratype P6V-049890.

Pipistrellus hanaki creticus Benda

Pipistrellus hanaki creticus Benda in Benda et al. 2009b: 153.

Now: *Pipistrellus hanaki creticus* Benda, 2009. See Hulva et al. (2010).

Holotype: NMP P6V-092350 (pb3978), alcoholic specimen with skull extracted, adult ♂, collected by Petr Benda, Panagiotis Georgiakakis and Vladimír Hanák on 4 June 2008 in the Rouva forest at Agiou Ioanni chapel, Crete, Greece; 35.18°N, 24.92°E.

Paratypes: NMP P6V-092349 (pb3977), P6V-092351 (pb3979), P6V-092353 (pb3981), three alcoholic specimens with skulls extracted, adult ♂♂, collection data as for the holotype.

Paratype: NMP P6V-092352 (pb3980), whole alcoholic specimen, subadult ♂, collection data as for the holotype.

Paratype: NMP P6V-091180 (pb3380), alcoholic specimen with skull extracted, adult ♂, collected by Petr Benda, Vladimír Hanák and Pavel Hulva on 1 October 2006 at the Tzani cave, Omalos plateau, Crete, Greece; 35.35°N, 23.90°E.

Paratype: NMP P6V-092323 (pb3951), alcoholic specimen with skull extracted, adult ♂, collected by Petr Benda and Vladimír Hanák on 25 May 2008 at a brook ca. 1 km north of Zaros, Crete, Greece; 35.15°N, 24.90°E.

Paratype: NMP P6V-092344 (pb3972), alcoholic specimen with skull extracted, adult ♂, collected by Petr Benda, Panagiotis Georgiakakis and Vladimír Hanák on 2 June 2008 above the Genianos river at Monastiraki, Crete, Greece; 35.23°N, 24.68°E.

Pipistrellus pygmaeus cyprius Benda

Pipistrellus pygmaeus cyprius Benda in Benda et al. 2007: 101.

Now: *Pipistrellus pygmaeus cyprius* Benda, 2007. See Hulva et al. (2010).

Holotype: NMP P6V-090416 (pb2817), alcoholic specimen with skull extracted, adult ♂, collected by Petr Benda, Vladimír Hanák and Ivan Horáček on 12 April 2005 above the Kryos river near the upper end of the Kalidonia Trail, ca. 2 km to southwest of Troodos, Cyprus; 34.92°N, 32.87°E.

Paratypes: NMP P6V-090414 (pb2815), P6V-090417 (pb2818), two alcoholic specimens with skulls extracted, adult ♂♂, collection data as for the holotype.

Paratype: NMP P6V-090413 (pb2814), alcoholic specimen with skull extracted, subadult ♂, collection data as for the holotype.

Paratype: NMP P6V-090415 (pb2816), alcoholic specimen with skull extracted, subadult ♀, collection data as for the holotype.

Nyctalus noctula meklenburzevi Kuzâkin

Nyctalus noctula meklenburzevi Kuzâkin, 1934: 323.

Now: *Nyctalus noctula meklenburzevi* Kuzâkin, 1934. See Simmons (2005: 472).

Paratype: NMP P6V-091692 (CUP SA231), skull and mounted skin, adult ♀ collected by Aleksandr Petrovič Kuzâkin on 14 September 1932 at „Taškent“ [= Toškent], Uzbekistan; 41.32°N, 69.250°E.

Remarks: The NMP specimen was collected by A. P. Kuzâkin in Toškent, Uzbekistan, on the same day (14 September 1932) when he collected there the type series of *Nyctalus noctula meklenburzevi* Kuzâkin, 1934 (composed of holotype and four “cotypes” [= paratypes]; see Kuzâkin 1934: 323). The NMP specimen, which was handed over by R. N. Meklenburcev (then curator of the collection of the Toškent Museum) to Vladimír Hanák in 1963, apparently represents one of the four paratypes. In 2000, Hanák’s collection was transferred from CUP to NMP.

The holotype (ZMMU S6817) is deposited in ZMMU (Kuzâkin 1934: 323, Rossolimo & Pavlinov 1979: 14, Borisenko et al. 2001: 176); the whereabouts of the remaining three paratypes are unknown.

Plecotus teneriffae gaisleri Benda et al.

Plecotus teneriffae gaisleri Benda, Kiefer, Hanák & Veith, 2004b: 28.

Now: *Plecotus gaisleri* Benda, Kiefer, Hanák & Veith, 2004. See Mayer et al. (2007: iv).

Holotype: NMP P6V-049911 (pb2159), alcoholic specimen with skull extracted, adult ♀, collected by Michal Andreas, Petr Benda, Vladimír Hanák, Antonín Reiter, and Marcel Uhrin on 20 May 2002 at Wadi al Kuf, SW Massah, Cyrenaica, Libya; 32.70°N, 21.58°E.

Paratypes: NMP P6V-049905–049907 (pb2153–2155), three alcoholic specimens with skulls extracted, adult ♂♂, collection data as for the holotype.

Paratypes: NMP P6V-049909 (pb2157), P6V-049910 (pb2158), two whole alcoholic specimens, adult ♀♀, collection data as for the holotype.

Paratype: NMP P6V-049908 (pb2156), whole alcoholic specimen, adult ♂, collection data as for the holotype.

Plecotus christii petraeus Benda

Plecotus christii petraeus Benda in Benda et al. 2008: 71.

Now: *Plecotus christii petraeus* Benda, 2008.

Holotype: NMP P6V-090496 (pb2858), alcoholic specimen with skull extracted, adult ♂, collected by Michal Andreas, Petr Benda, Josef Hotový and Radek K. Lučan on 8 September 2005 at the Feiran oasis, Sinai, Egypt; 28.72°N, 33.62°E.

Paratype: NMP P6V-090523 (pb2885), alcoholic specimen with skull extracted, adult ♂, collected by Michal Andreas, Petr Benda, Josef Hotový and Radek K. Lučan on 15 September 2005 at the Ain Hudra oasis, Sinai, Egypt; 28.90°N, 34.42°E.

Paratype: NMP P6V-090533 (pb2895), alcoholic specimen with skull extracted, adult ♀, collected by Michal Andreas, Petr Benda, Josef Hotový and Radek K. Lučan on 18 September 2005 at the Ain Hudra oasis, Sinai, Egypt; 28.90°N, 34.42°E.

Paratype: NMP P6V-090497 (pb2859), alcoholic specimen with skull extracted, subadult ♀, collected by Michal Andreas, Petr Benda, Josef Hotový and Radek K. Lučan on 9 September 2005 at the El Milga oasis, Sinai, Egypt; 28.57°N, 33.97°E.

Paratype: P6V-090518 (pb2880), whole alcoholic specimen, adult ♂, collected by Michal Andreas, Petr Benda, Josef Hotový and Radek K. Lučan on 10 September 2005 at Hammam Musa, El Tur oasis, Sinai, Egypt; 28.27°N, 33.60°E.

Paratype: NMP P6V-090519 (pb2881), alcoholic specimen with skull extracted, adult ♀, collection data as for the paratype P6V-090518.

Paratype: NMP P6V-090499 (pb2861), alcoholic specimen with skull extracted, adult ♂, collect ion data as for the paratype P6V-090518.

Remarks: Other two paratypes are deposited at BMNH and TAU, respectively (Benda et al. 2008).

Myotis mystacinus hajastanicus Argiropulo

Myotis mystacinus hajastanicus Argiropulo, 1939: 27.

Now: *Myotis hajastanicus* Argiropulo, 1939. See Simmons (2005: 508)

Paratypes: NMP P6V-048536 (CUP SA67), P6V-048537 (CUP SA68), two skulls without mandibles, mounted skins, two adult ♀♀, collected by Aleksandr Borisovič Šelkovnikov on 25 June 1928 at Šorža, Armenia; 40.50°N, 45.27°E.

Remarks: The type series of *Myotis mystacinus hajastanicus* originally composed of 25 specimens deposited at AFAN (Argiropulo 1939: 27); 23 alcoholic specimens including the holotype and two mounted skins (number of extracted skulls is not clear from the description). Vladimír Hanák (CUP) obtained two of the alcoholic specimens from the type series during his visit to AFAN in 1964. In 2000, Hanák's collection was transferred from CUP to NMP. In that time the skulls were already extracted, mandibles lost and the skins mounted.

Equidae

Asinus hemionus kulan Groves & Mazák

Asinus hemionus kulan Groves & Mazák, 1967: 343.

Now: *Equus hemionus kulan* (Groves & Mazák, 1967). See Grubb (2005: 632)

Holotype: NMP P6V-010699, skull, P6V-010698, mounted skin, adult ♂, caught in the "Badkhyz Reserve, Turkmenia, USSR" [= Bathyz Reserve, Turkmenistan]; ca. 35.83°N, 61.67°E.

Remarks: The holotype specimen was caught alive in the Bathyz Reserve (the circumstances are unknown) and later kept in the Zoological Garden Prague, where it died as a full adult on 28 January 1962. The carcass was given by the Prague Zoo to NMP (Groves & Mazák 1967). One paratype is deposited at ZIN.

Muridae

Apodemus microps cimrmani Vohralík, 2002

Apodemus microps cimrmani Vohralík, 2002: 78.

Now: *Apodemus uralensis cimrmani* Vohralík, 2002. See Musser & Carleton (2005: 1277).

Paratype: NMP P6V-056787 (0960), skull and mounted skin, subadult ♀, collected by Vladimír Vohralík on 13 November 1979 at Milčeves, Louny District, Czech Republic; 50.28°N, 13.52°E.

Paratype: NMP P6V-056788 (0971), skull and mounted skin, subadult ♂, collected by Vladimír Vohralík and František Pojer on 13 November 1979 at 1 km northeast of Žatec, Louny District, Czech Republic; 50.31°N, 13.53°E.

Remarks: The holotype and eight paratypes are deposited at CUP (Vohralík 2002).

AVES[2]

Falconidae

Falco feldeggii Schlegel

Falco Feldeggii Schlegel, 1843: 3, pl. 10.

Now: *Falco biarmicus feldeggii* Schlegel, 1843. See Dickinson (2003: 97).

Lectotype (designated by Mlíkovský 2005: 115): NMP P6V-002848 (b-66/1866, B-49b), adult ♂, collected by or for Christoph Fellner von Feldegg in 1829 in Dalmatia, Croatia; eaxct locality unknown.

Paralectotype: NMP P6V-002847 (b-67/1866, B-49a): juv. M, collected by or for Christoph Fellner von Feldegg in 1829 in Dalmatia, Croatia; exact locality unknown.

Remarks: Another paralectotype is deposited in the RMNH (Hoek Ostende et al. 1997: 38). See Mlíkovský (2005: 115-116) for details.

Falco cyanopus Thienemann

Falco cyanopus "Conr. Gesner" Thienemann, 1846: 62.

Now: *Falco cherrug cherrug* Gray, 1834. See Dickinson (2003: 97).

Lectotype (designated by Mlíkovský 2005: 117): NMP P6V-000881 (Woborzil-85, B-14c): adult ♂, collected by Johann Wilhelm von Woborzil in 1843 on cliffs above left shore of the Vltava between "Letek" [= Libčice nad Vltavou-Letky; 50.19° N, 14.37° E] and "Morań" [= Úholičky-Podmoráň; 50.17° N, 14.35° E], Central Bohemia, Czech Republic. Figured by Woborzil (1846, pl. 1).

Paralectotype: P6V-000876 (P6p-64/1866, B-14h), adult ♀, collection data as for the lectotype.

Paralectotype: P6V-000877 (Woborzil-83, B-14a), juvenile ♂, collected by Woborzil in 1843 from a nest on cliffs located on the same place as the lectotype.

Paralectotype: P6V-000878 (Woborzil-87, B-14b), adult ♂, collection data as for the lectotype.

Paralectotype: P6V-000879 (P6p-63/1866), juv. ♀, collected by Woborzil in 1843 from the same nest as the specimen P6V-000877.

Paralectotype: P6V-000880 (Woborzil-84, B-14d), subadult ♀, collected by a professional forester near Klecany, Central Bohemia, Czech Republic; 50.18° N, 14.41° E.

Paralectotype: P6V-000882 (B-14f), unsexed juvenile, collected by Woborzil in 1843 from the same nest as the specimen P6V-000877.

Paralectotype: P6V-000883 (also Woborzil-86, B-14e), adult ♀, collected by Woborzil on 2 April 1842 at cliffs on the right shore of the Vltava at "Wetruschitz" [= Větrušice], Central Bohemia, Czech Republic; 50.19° N, 14.38° E. Figured by Woborzil (1846, pl. 2).

Remarks: See Mlíkovský (2005: 116-119) for details.

Falco rubeus Thienemann

Falco rubeus Thienemann, 1846: 72.

Now: *Falco biarmicus feldeggii* Schlegel, 1843. See Dickinson (2003: 97).

2 Author: Jiří Mlíkovský.

Lectotype (designated by Mlíkovský 2005: 119): NMP P6V-002848, adult M. This is also the lectotype of *Falco feldeggii* Schlegel, 1843 (see there for more data).

Paralectotype: NMP P6V-002847, juv. M. This is also the paralectotype of *Falco feldeggii* Schlegel, 1843 (see there for more data).

Remarks: See Mlíkovský (2005: 119-120) for details.

Columbidae

Geotrygon linearis trinitatis Hellmayr & Seilern

Geotrygon linearis trinitatis Hellmayr & Seilern, 1912b: 13.

Now: *Geotrygon linearis* (Prévost, 1843). See Gibbs et al. (2001: 382), Dickinson (2003: 169).

Paratype: NMP P6V-003196 (Seilern-6245, P6p-6750/1951), ♂, collected by Samuel Klages on 26 September 1912 at "Aripo Berge, Trinidad, 2200 ft." [= Aripo Massif], island of Trinidad, Trinidad & Tobago; ca. 10.72°N, 61.25°W.

Paratype: NMP P6V-003208 (Seilern-6246, P6p-6750/1951), ♀, collected by Samuel Klages on 5 September 1912 at "Aripo Berge, Trinidad, 2000 ft." [= Aripo Massif], Trinidad & Tobago; ca. 10.72°N, 61.25°W.

Remarks: The holotype (ZSM 12.2006) and a paratype are deposited in the ZSM; six paratypes are in NHMW (Mlíkovský, pers. obs.).

Raphidae

Struthio cucullatus Linnaeus

Struthio cucullatus Linnaeus, 1758: 155.

Raphus cucullatus (Linnaeus, 1758). See Allen (1910: 329), Dickinson (2003: 157).

Syntype: NMP P6V-004389, upper jaw from an individual caught on the island of Mauritius in the early 1600s.

Remarks: This jaw was discovered among uncatalogued NMP specimen in 1847 by curator August Corda (1809-1849) (Strickland 1850, Reuss 1855) and described in detail by Reuss (1855). It has been long suspected that the jaw is a remainder of a Dodo once held by Emperor Rudolf II on his court in Prague, but reasonable support was provided only recently by Mlíkovský (2010b,c). Details will be given elsewhere.

Didus ineptus Linnaeus

Didus ineptus Linnaeus, 1766: 167.

Raphus cucullatus (Linnaeus, 1758). See Allen (1910: 329), Dickinson (2003: 157).

Syntype: NMP P6V-004389, upper jaw [the same specimen as for *Struthio cucullatus* Linnaeus, 1758].

Remarks: Linnaeus (1766) created his *Didus ineptus* as a new replacement name for *Struthio cucullatus* Linnaeus, 1758. Hence, *Didus ineptus* was based on the same type series as *Struthio cucullatus*.

Trochilidae

Glaucis hirsuta insularum Hellmayr & Seilern

Glaucis hirsuta insularum Hellmayr & Seilern, 1913b: 316.

Now: *Glaucis hirsutum insularum* Hellmayr & Seilern, 1913b. See Dickinson (2003: 255).

Paratype: NMP P6V-029803 (Seilern-4568), M, collected by Samuel Klages on 29 August 1912 at "Aripo" [= Aripo Massif], island of Trinidad, Trinidad and Tobago; ca. 10.72°N, 61.25°W.

Paratype: NMP P6V-029804 (Seilern-4565), M, collected by Samuel Klages on 17 June 1913 at "Carenage" [= Carenage], island of Trinidad, Trinidad and Tobago; 10.69°N, 61.59°W.

Paratype: NMP P6V-029805 (Seilern-4566), M, collected by Samuel Klages on 21 January 1913 on the same locality as paratype P6V-029804.

Paratype: NMP P6V-029806 (Seilern-unumbered), no data, but labeled as *insularum* by Seilern.

Remarks: The holotype (ZSM 12.1558) and nine paratypes are deposited in the ZSM; eight paratypes are in NHMW (Mlíkovský, pers. obs.).

Strigidae

Tyto alba kleinschmidti Jordans

Tyto alba kleinschmidti Jordans, 1923: 5.

Now: *Tyto alba alba* (Scopoli, 1769). See Hartert (1929: 94), Dickinson (2003: 218).

Paratype: NMP P6V-027704, unsexed, collected by Adolf von Jordans in May 1912 at „Pollensa“ [= Pollensa, Mallorca, Spain].

Remarks: The holotype (ZFMK A.III.13.a^{6}.γ) is deposited in the ZFMK (van der Elzen 2010: 37). Jordans (1923: 5) based his *kleinschmidti* on nine specimens from Mallorca.

Picidae

Celeus grammicus Jos. Natterer & Malherbe

Picus grammicus Jos. Natterer & Malherbe in Malherbe, 1845: 69.

Now: *Celeus grammicus grammicus* (Jos. Natterer & Malherbe in Malherbe, 1845). See Dickinson (2003: 325).

Paralectotype: NMP P6V-018507 (Seilern-9710), ♀, collected by Johann Natterer on 14 May 1831 at “Rio Negro, Marabitanas, Bras.” [= Marabitanas, Brazil].

Remarks: The lectotype, designated by Naumburg (1930: 183, footnote) and again by Seilern (1934: 37), is deposited in the NHMW (NHMW 40.791, formerly 31.855; Schifter et al. 2007: 287), together with five paralectotypes (Schifter et al. 2007: 287, Mlíkovský pers. obs.).

Celeus grammicus latifasciatus Seilern

Celeus grammicus latifasciatus Seilern, 1934: 36.

Now: *Celeus grammicus latifasciatus* Seilern, 1936. See Dickinson (2003: 325).

Holotype: NMP P6V-018508 (Seilern-7003), adult ♂, collected by H. & C. Watkins on 28 March 1912 at “Yahuarmayo (alt. 1200 engl. F.), Carabaya, Südostperu” [= Río Yahuaramayo; 300-350 m a.s.l.], Puno Region, Peru; ca. 13.8°S, 70.30°W.

Paratype: NMP P6V-018505 (Seilern-7000), ♀, collected by H. & C. Watkins on 5 March 1912 on the same locality as the holotype.

Paratype: NMP P6V-018509 (Seilern-7001), ♀, collected by H. & C. Watkins on 10 March 1912 on the same locality as the holotype.

Remarks: An additional paratype is deposited in NHMW (Mlíkovský, pers. obs.)

Gecinus weberi A. Müller

Gecinus Weberi A. Müller, 1882: 421.

Now: *Picus viridanus weberi* (A. Müller, 1882). See Dickinson (2003: 328).

Syntype: NMP P6V-003175, adult ♀, collected by Johannes Weber on 8 December 1879 on „Insel Salanga“ [= Phuket Island], Thailand; ca. 07.95°N, 98.33°E.

Remarks: A. Müller (1882: 421) described this species on the basis of 20 specimens, all collected by Weber on „Salanga“. Two additional syntypes are in ZMB (SysTax 2011) and another two syntypes are in BMNH (Warren 1966: 311).

Tyrannidae

Myiodynastes chrysocephalus venezuelanus Hellmayr & Seilern

Myiodynastes chrysocephalus venezuelanus Hellmayr & Seilern, 1912a: 82.

Now: *Myiodynastes chrysocephalus cinerascens* Todd, 1912. See Cory (1927: 129) and Dickinson (2003: 375).

Paratype: NMP P6V-027732 (Seilern-2600), ♀, collected by Samuel Klages on 24 February 1911 at "Cumbre d. Valencia" [= Cumbre de Valencia], Carabobo State, Venezuela; 10.33°N, 68.00°W.

Paratype: NMP P6V-027733 (Seilern-2598), ♂, collected by Samuel Klages on 6 November 1910 on the same locality as paratype P6V-027732.

Remarks: The holotype (ZSM 11.1275) and two paratypes are deposited in the ZSM; one paratype is i NHMW (Mlíkovský, pers. obs.). Note that *cinerascens* of Todd (1912: 209) was published in May 1912, while *venezuelanus* of Hellmayr & Seilern (1912a: 82) in September 1912.

Formicariidae

Grallaria guatimalensis aripoensis Hellmayr & Seilern

Grallaria guatimalensis aripoensis Hellmayr & Seilern, 1912b: 13.

Now: *Grallaria guatimalensis aripoensis* Hellmayr & Seilern, 1912b. See Dickinson (2003: 399).

Paratype: NMP P6V-042247 (Seilern-5712), ♂, collected by Samuel Klages on 31 August 1912 at "Aripo Berge, Trinidad" [Aripo Massif], island of Trinidad, Trinidad and Tobago; ca. 10.72°N, 61.25°W

Paratype: NMP P6V-042248 (Seilern-5716), ♀, collected by Samuel Klages on 2 September 1912 on the same locality as paratype P6V-042247.

Remarks: The holotype (ZSM 12.1898) and five paratypes are deposited in ZSM; four paratypes are in NHMW (Mlíkovský, pers. obs.).

Grallaria ruficapilla avilae Hellmayr & Seilern

Grallaria ruficapilla avilae Hellmayr & Seilern, 1914: 92.

Now: *Grallaria ruficapilla avilae* Hellmayr & Seilern, 1914. See Dickinson (2003: 399).

Paratype: NMP P6V-042242 (Seilern-7368), ♀, collected by Samuel Klages on 15 November 1913 at "Galipan, Cerro del Avila" [= Picacho de Galipán], Vargas State, Venezuela; 10.57°N, 66.90°W.

Paratype: NMP P6V-103774, ♂, collected by Samuel Klages on an unknown date on the same locality as paratype P6V-042242. This specimen was received already in 1928 (accession number 3781/1928).

Remarks: The holotype (ZSM 13.1047) and four paratypes are deposited in ZSM; at least six paratypes are in NHMW (Mlíkovský, pers. obs.).

Furnariidae

Premnoplex rufescens rostratus Hellmayr & Seilern

Premnoplex rufescens rostratus Hellmayr & Seilern, 1912a: 107.

Now: *Premnoplex brunnescens rostratus* Hellmayr & Seilern, 1912a. See Dickinson (2003: 413).

Paratype: NMP P6V-020064 (Seilern-2941), ♀, collected by Samuel Klages on 8 October 1910 at "Cumbre d. Valencia" [= Cumbre de Valencia], Carabobo State, Venezuela; 10.33°N, 68.00°W.

Paratype: NMP P6V-020066 (Seilern-2944), ♂, collected by Samuel Klages on 7 October 1910 on the same locality as paratype P6V-020064.

Remarks: The holotype (ZSM 11.1291) and three paratypes are deposited in ZSM; two paratypes are in NHMW (Mlíkovský, pers. obs.).

Dendrocolaptidae

Sittasomus griseus virescens Hellmayr & Seilern

Sittasomus griseus virescens Hellmayr & Seilern, 1912a: 106.

Now: *Sittasomus griseicapillus griseus* Jardine, 1847. See Cory (1925: 359), Dickinson (2003: 420).

Paratype: NMP P6V-027885 (Seilern-2940), ♂, collected by Samuel Klages on 16 October 1910 at "Cumbre d. Valencia" [= Cumbre de Valencia], Carabobo State, Venezuela; 10.33°N, 68.00°W.

Remarks: The holotype (ZSM 11.1296) and three paratypes are deposited in ZSM; one paratype is in NHMW (Mlíkovský, pers. obs.).

Cotingidae

Lathria cryptolopha mindoensis Hellmayr & Seilern

Lathria crypotolopha [sic!] *mindoensis* Hellmayr & Seilern, 1914: 89.

Now: *Snowornis cryptolophus mindoensis* (Hellmayr & Seilern, 1914). See Prum (2001), Dickinson (2003: 348).

Holotype: NMP P6V-027177 (Seilern-5917, Rosenberg-1545), adult ♂, collected by an unknown on 17 July 1913 on Mount Mindo, Pichincha Province, Ecuador, at an elevation of 4213 ft. (= 1284 m); 00.03° N, 78.80° W.

Remarks: See Mlíkovský (2005: 120) for details. No paratypes of *mindoensis* were known to Hellmayr & Seilern (1914).

Thamnophilidae

Drymophila caudata klagesi Hellmayr & Seilern

Drymophila caudata klagesi Hellmayr & Seilern, 1912a: 127.

Now: *Drymophila caudata klagesi* Hellmayr & Seilern, 1912a. See Dickinson (2003: 388).

Paratype: NMP P6V-041842 (Seilern-2982), ♀, collected by Samuel Klages on 11 October 1910 at "Cumbre d. Valencia" [= Cumbre de Valencia], Carabobo State, Venezuela; 10.33°N, 68.00°W.

Remarks: The holotype (ZSM 09.856; not 10.856 as given by Hellmayr & Seilern 1912a: 128) and seven paratypes are deposited in ZSM; two paratypes are in NHMW (Mlíkovský, pers. obs.).

Dysithamnus mentalis cumbreanus Hellmayr & Seilern

Dysithamnus mentalis cumbreanus Hellmayr & Seilern, 1915: 203.

Now: *Dysithamnus mentalis cumbreanus* Hellmayr & Seilern, 1915. See Dickinson (2003: 383).

Paratype: NMP P6V-042198 (Seilern-2970), ♂, collected by Samuel Klages on 15 December 1910 at „Las Quigas, S. Esteban Valley" [= Las Quiguas], Carabobo State, Venezuela; 10.40°N, 68.00°W.

Remarks: The holotype (ZSM 10.2276) and three paratypes are deposited in ZSM (Mlíkovský pers. obs.).

Percnostola lophotes Hellmayr & Seilern

Percnostola lophotes Hellmayr & Seilern, 1914: 90.

Now: *Percnostola lophotes* Hellmayr & Seilern, 1914. See Dickinson (2003: 391).

Paratype: NMP P6V-041815 (Seilern-7005, Watkins-949), ♀, collected by H. & C. Watkins on 15 March 1913 at "San Gaban" [= Río Sangabán], Puno, Peru; ca. 13.40°S, 70.28°W.

Remarks: This species was based on the holotype (ZSM 13.1196; Mlíkovský pers. obs.) and the single paratype listed above.

Turdidae

Turdus montanus Schmidt

Turdus montanus Schmidt, 1795: 54.

Now: *Turdus torquatus alpestris* (C.L. Brehm, 1831). See Mlíkovský & Benda (2005: 120-121).

Neotype (designated by Mlíkovský & Benda 2005: 80): NMP P6V-001138 (P6p-6344/1949/988), 1st -winter individual, collected by R. Baumann on 22 November 1931 at Špindlerův Mlýn, Krkonoše Mountains, northern Bohemia, Czech Republic; 50.73° N, 15.61° E.

Remarks: *Turdus montanus* Schmidt, 1795 is a nomen oblitum (Mlíkovský & Benda 2005). See Mlíkovský (2005: 120-121) for details.

Corvidae

Cyanopica cyanus stegmanni Meise

Cyanopica cyanus stegmanni Meise, 1932: 43.

Now: *Cyanopica cyanus stegmanni* Meise, 1932. See Dickinson (2003: 509).

Paratype: NMP P6V-014488 (Stötzner-1248), adult ♀, collected by A.I. Kuznecov on 20 February 1928 at "Charbin" [= Harbin], Heilongjiang Province, China; 45.75° N, 126.65° E.

Remarks: The holotype and 35 paratypes are deposited in the MTD (Eck & Quaisser 2004: 284; see also Dickinson et al. 2004). For details on the NMP paratype see Mlíkovský (2005: 121-122).

Vireonidae

Vireo chivi vividior Hellmayr & Seilern

Vireo chivi vividior Hellmayr & Seilern, 1913b: 315.

Now: *Vireo olivaceus vividior* (Hellmayr & Seilern, 1913b). See Dickinson (2003: 485).

Paratype: NMP P6V-028372 (Seilern-4557), ♂, collected by Samuel Klages on 16 June 1912 at "Caparo, Isl. Trinidad" [= Caparo], island of Trinidad, Trinidad and Tobago; 10.46°N, 61.32°W.

Paratype: NMP P6V-028373 (Seilern-4558), ♀, collected by Samuel Klages on 11 June 1912 on the same locality as the paratype P6V-028372.

Paratype: NMP P6V-028374 (Seilern-4555), ♂, collected by Samuel Klages on 14 June 1912 on the same locality as the paratype P6V-028372.

Paratype: NMP P6V-028377 (Seilern-4556), ♂, collected by Samuel Klages on 14 June 1912 on the same locality as the paratype P6V-028372.

Remarks: The holotype (ZSM 12.1674) and four paratypes are deposited in ZSM; two paratypes are in NHMW (Mlíkovský, pers. obs.).

Thraupidae

Hemispingus hanieli Hellmayr & Seilern

Hemispingus hanieli Hellmayr & Seilern, 1914: 87.

Now: *Hemispingus frontalis hanieli* Hellmayr & Seilern, 1914. See Dickinson (2003: 804).

Paratype: NMP P6V-027581 (Seilern-7496), ♂, collected by Samuel Klages on 24 October 1913 at "Galipan, Cerro del Avila" [= Picacho de Galipán], Vargas State, Venezuela; 10.57°N, 66.90°W.

Paratype: NMP P6V-027580 (Seilern-7497), ♂, collected by Samuel Klages on 23 October 1913 on the same locality as paratype P6V-027581.

Paratype: NMP P6V-027579 (Seilern-7498), ♂, collected by Samuel Klages on 14 November 1913 at "Galipan, Cerro del Avila on the same locality as paratype P6V-027581.

Remarks: The holotype (ZSM 13.925) and four paratypes are deposited in ZSM; three paratypes are in NHMW (Mlíkovský, pers. obs.).

Sporathraupis cyanocephala büsingi Hellmayr & Seilern

Sporathraupis cyanocephala büsingi Hellmayr & Seilern, 1913a: 254.

Now: *Thraupis cyanocephala buesingi* (Hellmayr & Seilern, 1913a). See Dickinson (2003: 807).

Paratype: NMP P6V-027261 (Seilern-4456), ♂, collected by Samuel Klages on 29 August 1912 at "Aripo Berge, Trinidad" [= Aripo Massif], island of Trinidad, Trinidad and Tobago; ca. 10.72°N, 61.25°W.

Paratype: NMP P6V-027262 (Seilern-4465), ♀, collected by Klages on 29 August 1912 on the same locality as the paratype P6V-027261.

Paratype: NMP P6V-027263 (Seilern-4463), ♀, collected by Klages on 21 August 1912 on the same locality as the paratype P6V-027261.

Paratype: NMP P6V-027264 (Seilern-4451), ♂, collected by Klages on 22 August 1912 on the same locality as the paratype P6V-027261.

Paratype: NMP P6V-027265 (Seilern-4449), ♂, collected by Klages on 20 August 1912 on the same locality as the paratype P6V-027261.

Paratype: NMP P6V-027266 (Seilern-4450), ♂, collected by Klages on 20 August 1912 on the same locality as the paratype P6V-027261.

Paratype: NMP P6V-027267 (Seilern-4461), ♀, collected by Klages on 16 August 1912 on the same locality as the paratype P6V-027261.

Paratype: NMP P6V-027268 (Seilern-4453), ♂, collected by Klages on 27 August 1912 on the same locality as the paratype P6V-027261.

Paratype: NMP P6V-027272 (Seilern-4464), ♀, collected by Klages on 29 August 1912 on the same locality as the paratype P6V-027261.

Remarks: The holotype (ZSM 12.1706) and 11 paratypes are deposited in ZSM; nine paratypes are in NHMW (Mlíkovský, pers. obs.).

REPTILIA[3]

Emydidae

Emys orbicularis fritzjuergenobsti Fritz

Emys orbicularis fritzjuergenobsti Fritz, 1993: 132.

Now: *Emys orbicularis fritzjuergenobsti* Fritz, 1993.

Paratype: NMP P6V-035832 (formerly NMP P6j-63/89), juvenile specimen, collected by Napoleon M. Kheil in 1924 at "Albufera" [= La Albufera], Valencian Community, Spain; 39.33°N, 00.37°W.

Remarks: The holotype (SMNS 4639:9) is deposited in SMNS (Fritz 1993: 132).

Agamidae

Pseudotrapelus sinaitus werneri Moravec

Pseudotrapelus sinaitus werneri Moravec, 2002: 135.

Now: *Pseudotrapelus sinaitus werneri* Moravec, 2002.

Holotype: NMP P6V-034860/1, adult ♂, collected by Jiří Moravec on 1 June 1994 at "Ar'Raqiyeh" [= Er Raqaïyé], As-Suwayda Governorate, Syria; 32.78°N, 37.08°E.

Paratypes: NMP P6V-34859/1-2, two ♂♂, collected by David Modrý on 1 May 1994 on the same locality as the holotype.

Paratypes: NMP P6V-34859/3-4, two ♀♀, collected by David Modrý on 1 May 1994 on the same locality as the holotype.

Paratype: NMP P6V-34860/2, ♂, collected by Jiří Moravec on 1 June 1994 on the same locality as the holotype.

Paratype: NMP P6V-34861, ♀, collected by Milan Veselý in 1990 in Zalaf, Syria; 32.92°N, 37.33°E.

Paratype: NMP P6V-70282, ♂, collected by Jiří Moravec on 5 May 1996 12 km N of "Ar'Raqiyeh" [= Er Raqaïyé], As-Suwayda Governorate, Syria; ca. 32.78°N, 37.08°E.

Paratypes: NMP P6V-70449/1–5, two ♂♂, three ♀♀, collected by Jiří Moravec on 12 May 1999 on the same locality as the holotype.

3 Author: Jiří Moravec.

Paratypes: NMP P6V-70859/1–3, one ♂, two ♀♀, collected by David Modrý on 16–25 June 2000 on the road Safawi-Azraq, Jordan; exact locality unknown.

Paratype: NMP P6V-70860, ♂, collected by David Modrý on 16–25 June 2000 on the road Azraq-Al Jafr, Jordan; exact locality unknown.

Anguidae

Anguis fragilis peloponnesiacus Štěpánek

Anguis fragilis peloponnesiacus Štěpánek, 1937a: 107.

Now: *Anguis cephallonica* (Werner, 1894). See Gvoždík et al. (2010a).

Lectotype (designated by Grillitsch & Cabela 1990: 149): NMP P6V-005301, unsexed specimen, collected by Otakar Štěpánek in July 1935 in Taygetos Mts., Peloponnes, Greece; exact locality unknown.

Paralectotypes: NMP P6V-005302/1–3, three unsexed specimens, collection data as for the lectotype.

Paralectotype: NMP P6V-034423, unsexed specimen, collected by Otakar Štěpánek in May 1935 in Nedon valley near Kalamai, Peloponnes, Greece; ca. 37.04°N, 22.11°E.

Paralectotypes: NMP P6V-034424–034426, collected by Josef Mařan in May 1936 at Kalavryta, northern Peloponnes, Greece; 38.03°N, 22.11°E.

Chamaeleonidae

Chamaeleo narraioca Nečas et al.

Chamaeleo narraioca Nečas, Modrý & Šlapeta, 2003: 3.

Now: *Chamaeleo narraioca* Nečas, Modrý, Šlapeta, 2003.

Paratype: NMP P6V-071281, collected by David Modrý, Jiří Volf and Jan Šlapeta on 11 February 2001 ca. 2 km north of Gatab, montane forest of Mount Kulal, Kenya; 02.66°N, 36.94°E.

Remarks: The holotype (ZFMK 73956) and six paratypes are deposited in ZFMK (Nečas et al. 2003: 3).

Gekkonidae

Gymnodactylus bartoni Štěpánek

Gymnodactylus bartoni Štěpánek, 1934: 8.

Now: *Mediodactylus kotschyi bartoni* (Štěpánek, 1934). See Szczerbak & Golubev (2003) and Červenka et al. (2008).

Lectotype (designated by Štěpánek 1939: 434): NMP P6V-005279, unsexed specimen, collected by Otakar Štěpánek on 26 May 1934 on the Nida plateau, Psilloritis Mts, 1400 m a.s.l., Crete; exact locality unknown.

Paralectotypes: NMP P6V-005280–005281, two unsexed specimens, collection data as for the lectotype.

Remarks: For further details see Štěpánek (1937b, 1939).

Gymnodactylus kotschyi bureschi Štěpánek

Gymnodactylus kotschyi bureschi Štěpánek, 1937b: 276.

Now: *Mediodactylus kotschyi danilewskii* (Strauch, 1887). See Szczerbak & Golubev (2003) and Červenka et al. (2008).

Lectotype (designated by Moravec 2003: 154): NMP P6V-005292, unsexed specimen, collected by Jan Mařan and Karel Táborský on an unknown date at "Aja Galina Umgebung von Sozopol" [= Agalina], Burgas Province, Bulgaria; ca. 42.42°N, 27.70°E.

Remarks: For further details see Štěpánek (1937c, 1939). One paralectotype is deposited in NMNHS (Štěpánek 1937b: 278).

Gymnodactylus kotschyi fitzingeri Štěpánek

Gymnodactylus kotschyi fitzingeri Štěpánek, 1937b: 270.

Now: *Mediodactylus kotschyi fitzingeri* (Štěpánek, 1937b). See Szczerbak & Golubev (2003) and Červenka et al. (2008).

Paralectotype: NMP P6V-005291, unsexed specimen, collected by Rolle in 1895 on the island of Cyprus; exact locality unknown.

Remarks: The lectotype (NHMW 17329) and nine paralectotypes are deposited in NMW (Tiedemann et al. 1994: 29).

Gymnodactylus kotschyi kalypsae Štěpánek

Gymnodactylus kotschyi kalypsae Štěpánek, 1939: 431.

Now: *Mediodactylus kotschyi kalypsae* (Štěpánek, 1939). See Szczerbak & Golubev (2003) and Červenka et al. (2008).

Holotype: NMP P6V-005285, unsexed specimen, collected by Otakar Štěpánek on 16 May 1938 on the island of Gaudos, Greece; ca. 34.83°N, 24.08°E.

Paratypes: NMP P6V-005286–005287 and 005288/1-11, collected by Otakar Štěpánek on 15–20 May 1938 in the island of Gaudos, Greece; ca. 34.83333/24.08333.

Remarks: For further details see Štěpánek (1940). Four paralectotypes are deposited in NHMW (Tiedemann et al. 1994: 30).

Gymnodactylus kotschyi orientalis Štěpánek

Gymnodactylus kotschyi orientalis Štěpánek, 1937b: 270.

Now: *Mediodactylus kotschyi orientalis* (Štěpánek, 1937b) See Szczerbak & Golubev (2003) and Červenka et al. (2008).

Paralectotype: NMP P6V-005298, unsexed specimen, collected by Georg Haas on an unknown date at Jerusalem, Israel, ca. 31.77°N, 35.20°E.

Remarks: The lectotype (NHMW 17339) and three paralectotypes are deposited in NHMW (Tiedemann et al. 1994: 30).

Gymnodactylus kotschyi steindachneri Štěpánek

Gymnodactylus kotschyi steindachneri Štěpánek, 1937b: 267.

Now: *Mediodactylus kotschyi steindachneri* (Štěpánek, 1937b). See Szczerbak & Golubev (2003) and Červenka et al. (2008).

Paralectotype: NMP P6V-005300, unsexed specimen, collected by V. Pietschmann in May–June 1931 in "Egerdir" [= Lake Eğirdir], Isparta Province, Turkey; exact locality unknown.

Remarks: The lectotype (NHMW 17356) and 23 paralectotypes are deposited in NHMW (Tiedemann et al. 1994: 30).

Gymnodactylus kotschyi wettsteini Štěpánek

Gymnodactylus kotschyi wettsteini Štěpánek, 1937b: 272.

Now: *Mediodactylus kotschyi wettsteini* (Štěpánek, 1937b). See Szczerbak & Golubev (2003) and Červenka et al. (2008).

Paralectotypes: NMP P6V-005299, 0035191–0035194, five unsexed specimens, collected by Otakar Štěpánek in 1936 on the island of Micronisi in the bay of Hagios Nikolaos, eastern Crete, Greece; ca. 35.20°N, 25.73°E.

Remarks: The lectotype (NHMW 17370) and three paralectotypes are deposited in NHMW (Tiedemann et al. 1994: 32).

[*Gymnodactylus kotschyi stepaneki* Wettstein

Remarks: Contrary to former lists of the type material deposited in the National Museum Prague (e.g. Moravec 2003) the current review does not include the specimen NMP P6V-05289, which was regarded as paralectotype of *Gymnodactylus kotschyi stepaneki* Wettstein, 1937. This individual was provided by O. Wettstein

and catalogued as "Auto-Topohyle" of *G. k. stepaneki* by Otakar Štěpánek. Nevertheless, it is difficult to assign this juvenile and partly damaged specimen to the mentioned subspecies and subsequent misidentification with another specimen cannot be excluded.]

Hemidactylus dawudazraqi Moravec et al.

Hemidactylus dawudazraqi Moravec, Kratochvíl, Amr, Jandzik, Šmíd & Gvoždík, 2011: 28.

Now: *Hemidactylus dawudazraqi* Moravec, Kratochvíl, Amr, Jandzik, Šmíd & Gvoždík, 2011.

Holotype: NMP P6V-074134/1, adult ♂, collected by Lukáš Kratochvíl on 1-2 July 2006 at Azraq, ca. 515 m a.s.l., Jordan; 31.80°N, 36.81°E.

Paratypes: NMP P6V-074134/2-17, six adult ♂♂ and ten adult ♀♀, collection data as for the holotype.

Paratype: NMP P6V-035541, subadult ♂, collected by Jiří Moravec on 16 May 1996 at Azraq, ca. 510 m a.s.l., Jordan; 31.83°N, 36.81°E.

Paratypes: NMP P6V-072130/1-3, one adult ♂ and two adult ♀♀, collected by David Modrý on 3 June 2004 at Dair al Khaf, ca. 1120 m a.s.l., Jordan; 32.32°N, 36.88°E.

Paratype: NMP P6V-072131, subadult specimen, collected by David Modrý on 4 June 2004 at Jawa, ca. 935 m a.s.l., Jordan; 32.22°N, 37.03°E.

Paratypes: NMP P6V-072740/1-2, two adult ♀♀, collected by M. Abu Baker and David Modrý on 27 June 2005 at Jawa, ca. 935 m a.s.l., Jordan; 32.22°N, 37.03°E.

Paratype: NMP P6V-070457, subadult specimen, collected by Jiří Moravec on 14 May 1999 at Rashiedeh, ca. 1425 m a.s.l., Muhafazat of Sweida, Syria; 32.67°N, 36.83°E.

Hemidactylus turcicus lavadeserticus Moravec & Böhme

Hemidactylus turcicus lavadeserticus Moravec & Böhme, 1997: 121.

Now: *Hemidactylus lavadeserticus* Moravec & Böhme, 1997. See Moravec et al. (2011).

Holotype: NMP P6V-035540/1, adult ♀, collected by Jiří Moravec on 7 May 1996 at Ar'Raqiyeh (Er Raqaïyé), Muhafazat of Sweida, Syria; ca. 32.78°N, 37.08°E.

Paratype: NMP P6V-34831, adult ♀, collected by Jiří Moravec on 1 June 1994 on the same locality as the holotype.

Paratype: NMP P6V-035540/2. adult ♀, collection data as for the holotype.

Paratypes: NMP P6V-035540/3, adult ♂, collection data as for the holotype.

Paratypes: NMP P6V-035540/4, subadult ♂, collection data as for the holotype.

Remarks: One paratype is deposited in ZFMK (Moravec & Böhme 1997: 121).

Lacertidae

Acanthodactylus beershebensis Moravec et al.

Acanthodactylus beershebensis Moravec, Baha El Din, Seligmann, Sivan & Werner, 1999: 39.

Now: *Acanthodactylus beershebensis* Moravec, Baha El Din, Seligmann, Sivan & Werner, 1999.

Paratype: NMP P6V-035698, collected by Yehudah L. Werner on 1 March 1963 5 km east of Omer-Hebron-Arad junction, Israel; ca. 31.31°N, 34.90°E.

Remarks: Exact coordinates unknown. The holotype (HUJ-R 7621) and three paratypes are deposited in HUJ-R; another paratype is deposited in MZUF (Moravec et al. 1999: 39).

Eremias lalezharica Moravec

Eremias lalezharica Moravec, 1994: 61.

Now: *Eremias lalezharica* Moravec, 1994.

Holotype: NMP P6V-034555/3, adult ♀, collected by Bohumil Pražan on 24–30 May 1977 at northern foot of "Mt. Lalezhar" [= Mt. Lalehzar], Lalehzar, Kerman Province, Iran; ca. 29.52°N, 56.85°E.

Paratypes: NMP P6V-034555/1-2, two adult ♂♂, collection data as for the holotype.

Paratypes: NMP P6V-034555/4-5, two adult ♀♀, collection data as for the holotype.

Remarks: One paratype is deposted in ZFMK (Moravec 1994: 61).

Mesalina bahaeldini Segoli et al.

Mesalina bahaeldini Segoli, Cohen & Werner, 2002: 169.

Now: *Mesalina bahaeldini* Segoli, Cohen & Werner, 2002.

Paratypes: NMP P6V-070768/1-3, three ♂♂, collected by David Modrý in 1995 near St. Catherine Monastery, Sinai, Egypt; 28.55°N, 33.97°E.

Remarks: The holotype (HUJ-R 10712) is deposited in HUJ-R (Segoli et al. 2002).

Scincidae

Ablepharus pannonicus fabichi Štěpánek

Ablepharus pannonicus fabichi Štěpánek, 1937d: 77.

Now: *Ablepharus kitaibelii fabichi* Štěpánek, 1937d.

Holotype: NMP P6V-005303, unsexed specimen, collected by Otakar Štěpánek in May 1936 on the island of Micronisi in the bay of Hagios Nicolaos, eastern Crete, Greece; ca. 35.20°N, 25.73°E.

Remarks: For further details see Štěpánek (1938).

Colubridae

Eirenis hakkariensis Schmidtler & Eiselt

Eirenis hakkariensis Schmidtler & Eiselt, 1991: 230.

Now: *Eirenis hakkariensis* Schmidtler & Eiselt, 1991.

Paratype: NMP P6V-034514, collected by Jiří Moravec on 17 September 1989 in Zab valley, 4 km south of Hakkari, Hakkâri Province, Turkey; 37.57°N, 43.74°E.

Remarks: The holotype (ZSM 3/91) is deposited in ZSM (Schmidtler & Eiselt 1991: 230).

Tarbophis fallax pallidus Štěpánek

Tarbophis fallax pallidus Štěpánek, 1944: 147.

Now: *Telescopus fallax pallidus* (Štěpánek, 1944).

Holotype: NMP P6V-005304/1, unsexed specimen, collected by Otakar Štěpánek in 1938 on the island of Gaudos, Greece; ca. 34.83°N, 24.08°E.

Paratypes: NMP P6V-005304/2-4, three unsexed specimens, collection data as for the holotype.

AMPHIBIA[4]

Arthroleptidae

Arthroleptis palava Blackburn et al.

Arthroleptis palava Blackburn, Gvoždík & Leaché, 2010: 339.

Now: *Arthroleptis palava* Blackburn, Gvoždík & Leaché, 2010.

Paratype: NMP P6V-073343/3, juvenile specimen, collected by Václav Gvoždík on 1 December 2005 at Mejung village, ca. 1090 m a.s.l., Bamenda Highlands, Northwest Province, Cameroon; ca. 6.13°N, 10.24°E.

Paratype: NMP P6V-073343/4, subadult ♀, collected by Václav Gvoždík on 3 December 2005 at Mejung village, ca. 1120 m a.s.l., Bamenda Highlands, Northwest Province, Cameroon; ca. 6.12°N, 10.25°E.

Paratype: NMP P6V-073368, adult ♀, collected by Václav Gvoždík on 29 November 2005 at Kedjom Keku village ("Big Babanki"), ca. 1310 m a.s.l., Bamenda Highlands, Northwest Province, Cameroon; ca. 6.10°N, 10.27°E.

Paratype: NMP P6V-073437, juvenile specimen, collected by Václav Gvoždík on 3 December 2005 at Kedjom Keku village ("Big Babanki"), ca. 1390 m a.s.l., Bamenda Highlands, Northwest Province, Cameroon; 6.12°N, 10.27°E.

Remarks: The holotype (MCZ-A 139528) is deposited in MCZ (Blackburn et al. 2010: 339).

4 Author: Jiří Moravec.

Hylidae

Dendropsophus juliani Moravec et al.

Dendropsophus juliani Moravec, Aparicio & Köhler, 2006: 24.

Now: *Dendropsophus juliani* Moravec, Aparicio & Köhler, 2006.

Paratypes: NMP P6V-072799/1-3, three adult ♂♂, collected by Jiří Moravec on 26 January 2006 at Barracón on the road from Cobija to Riberalta, 160 m a.s.l., Madre de Dios Province, Pando Department, Bolivia; 11.55°S, 66.93°W.

Remarks: The holotype (CBF 5923) and four paratypes are deposited in CBF; one paratype is deposited in HLMD-RA (Moravec et al. 2006: 24).

Dendropsophus reichlei Moravec et al.

Dendropsophus reichlei Moravec, Aparicio, Guerrero-Reinhard, Calderon & Köhler, 2008: 2.

Now: *Dendropsophus reichlei* Moravec, Aparicio, Guerrero-Reinhard, Calderon & Köhler, 2008.

Paratypes: NMP P6V-073617/1-2, two adult ♂♂, collected by Marcelo Guerrero-Reinhard, Gonzalo Calderón and Jiří Moravec on 23 November 2007 at „San Antonio de Filadelfia" [= San Antonio", Manuripi Province, Pando Department, Bolivia; 11.30°S, 67.38°W.

Remarks: The name of the locality "San Antonio de Filadelfia", used by Moravec et al. (2008) seems to be incorrect. Therefore, it is better to call the locality "San Antonio"; geographic coordinates are correct.

The holotype (CBF 6073) and two paratypes are deposited in CBF 6074-6075; one paratype is deposited in HLMD-RA (Moravec et al. 2008: 2).

Hyla felixarabica Gvoždík et al.

Hyla felixarabica Gvoždík, Moravec, Klütsch & Kotlík, 2010b: 1158.

Now: *Hyla felixarabica* Gvoždík, Kotlík & Moravec, 2010b.

Holotype: NMP P6V-072076/1, ♂, collected by Petr Benda and Antonín Reiter on 1 May 2004 15 km southwest of Matnah, 2790 m a.s.l., Governorate Sana'a, Yemen; 15.20°N, 43.98°E.

Paratypes: NMP P6V-072076/2, 7-8, 10-11, five subadult ♂♂, collection data as for the holotype.

Paratypes: NMP P6V-072076/3-6, 9, five subadult ♀♀, collection data as for the holotype.

Hypsiboas nympha Faivovich et al.

Hypsiboas nympha Faivovich, Moravec, Cisneros-Heredia & Köhler 2006: 97.

Now: *Hypsiboas nympha* Faivovich, Moravec, Cisneros-Heredia & Köhler, 2006.

Paratype: NMP P6V-71202/1, adult ♂, collected by Jiří Moravec and Illich Arista Tuanama on 26 March 2001 5 km northwest of Tarapoto, 19 km west of Iquitos, Loreto Region, Peru; 03.79°S, 73.43°W.

Paratype: NMP P6V-71202/2, adult ♀, collection data as for the holotype.

Remarks: The holotype (DFCH-USFQ 0355) is deposited in DFCH-USFQ (Faivovich et al. 2006: 97).

Osteocephalus castaneicola Moravec et al.

Osteocephalus castaneicola Moravec, Aparicio, Guerrero-Reinhard, Calderón, Jungfer & Gvoždík, 2009a: 43.

Now: *Osteocephalus castaneicola* Moravec, Aparicio, Guerrero-Reinhard, Calderón, Jungfer & Gvoždík, 2009a.

Paratypes: NMP P6V-073810/1-2, two adult ♂♂, collected by Jiří Moravec, Marcelo Guerrero-Reinhard and Gonzalo Calderón on 22 November 2007 at San Antonio de Filadelfia, ca. 200 m a.s.l., Manuripi Province, Pando Department, Bolivia; 11.30°S, 67.38°W.

Paratype: NMP P6V-073810/3, adult ♀, collection data as for the paratypes P6V-073810/1-2.

Paratype: NMP P6V-073820, adult ♀, collected by Jiří Moravec, Marcelo Guerrero-Reinhard and Gonzalo Calderón on 27 November 2007 at San Antonio del Matti, ca. 270 m a.s.l., Manuripi Province, Pando Department, Bolivia; 11.50°S, 68.88°W.

Remarks: The names of the locality "San Antonio de Filadelfia" and "San Antonio del Matti" used by Moravec et al. (2009a) seem to be inaccurate. Therefore, it is better to call them briefly "San Antonio"; geographic coordinates are correct.

The holotype (CBF 6051) and three paratypes are deposited in CBF (Moravec et al. 2009a: 43).

Scinax iquitorum Moravec et al.

Scinax iquitorum Moravec, Arista Tuanama, Pérez & Lehr, 2009b: 10.

Now: *Scinax iquitorum* Moravec, Arista Tuanama, Pérez & Lehr, 2009b.

Paratype: NMP P6V-071267/1, adult ♂, collected by Jiří Moravec on 8-9 April 2002 at Puerto Almendras, ca. 120 m a.s.l., ca. 17 km straight southwest of Iquitos, Loreto Region, Peru; 03.83°S, 73.38°W.

Paratype: NMP P6V-071267/2, adult ♀, collectio data as for the paratype P6V-071267/1.

Paratype: NMP P6V-071267/3, subadult specimen, collection data as for the paratype P6V-071267/1.

Remarks: The holotype (MUSM 27577) is deposited in MUSM (Moravec et al. 2009b: 10).

Microhylidae

Chiasmocleis magnova Moravec & Köhler

Chiasmocleis magnova Moravec & Köhler, 2007: 60.

Now: *Chiasmocleis magnova* Moravec & Köhler, 2007.

Paratype: NMP P6V-71196, adult ♀, collected by Jiří Moravec on 9 March 2001 at Puerto Almendras, ca. 120 m a.s.l., ca. 17 km straight southwest of Iquitos, Loreto Region, Peru; 03.83°S, 73.37°W.

Remarks: The holotype MUSM (formerly MHNSM) 19993 is deposited in MUSM (Moravec & Köhler 2007: 60).

Strabomantidae

Pristimantis academicus Lehr et al.

Pristimantis academicus Lehr, Moravec & Gagliardi Urrutia, 2010: 198.

Now: *Pristimantis academicus* Lehr, Moravec & Gagliardi Urrutia, 2010.

Paratypes: P6V-073189/1-2, two adult ♀♀, collected by Jiří Moravec on 9-10 April 2002 at Puerto Almendras, ca. 120 m a.s.l., ca. 17 km straight southwest of Iquitos, Provincia Maynas Province, Loreto Region, Peru; 03.812°S, 73.37°W.

Remarks: The holotype (MUSM 27634) and a paratype are deposited in MUSM (Lehr et al. 2010: 198).

Pristimantis reichlei Padial & De la Riva

Pristimantis reichlei Padial & De la Riva, 2009: 111.

Now: *Pristimantis reichlei* Padial & De la Riva, 2009.

Paratypes: NMP P6V-072578/1-2, two adult ♂♂, collected by Jiří Moravec on 25 January 2005 at Bioceanica, Pando Department, Bolivia; 11.13°S, 69.37°W.

Remarks: The holotype (MNK-A 6620) is deposited in MNK-A (Padial & De la Riva 2009: 111).

ACTINOPTERYGII[5]

Cyprinidae

Alburnus neretvae Buj, Šanda & Perea

Alburnus neretvae Buj, Šanda & Perea in Buj et al., 2010: 137.
Now: *Alburnus neretvae* Buj, Šanda & Perea in Buj et al., 2010.

Holotype: NMP P6V-083139, unsexed specimen, collected by Radek Šanda, Jan Kohout and Alena Šedivá on 12 July 2006 in the Mušnica River at Avtovac in Gatačko polje, elevation 960 m, Bosnia and Herzegovina; 43.14°N, 18.57°E; SL = 101.1 mm.
Paratype: NMP P6V-083140; collection data as for the holotype; SL = 106.7 mm.
Paratype: NMP P6V-083141; collection data as for the holotype; SL = 65.8 mm.

Gobio gobio carpathicus Vladykov

Gobio gobio carpathicus Vladykov, 1925a: 248.
Now: *Gobio carpathicus* Vladykov, 1925a. See Kottelat & Freyhof (2007), Mendel et al. (2008).
Syntype: NMP P6V-008938, collected by Vadim Vladykov on 16 April 1924 at the confluence of the Teresva and Tereshul rivers at "Podpleša" [= Pidplesha] Ukraine; 48.13°N, 23.80°E; TL = 84 mm.
Syntype: NMP P6V-008939, collection data as for the syntype P6V-008938; TL = 95 mm.
Syntype: NMP P6V-008940, collection data as for the syntype P6V-008938; TL = 108 mm.
Syntype: NMP P6V-008941, collection data as for the syntype P6V-008938; TL = 110 mm.
Syntype: NMP P6V-008942, collection data as for the syntype P6V-008938; TL = 114 mm.
Syntype: NMP P6V-008943, collection data as for the syntype P6V-008938; TL = 123 mm.
Syntype: NMP P6V-008944, collected by Vladykov in October–December 1923 in the Teresva at „Neresnice" [= Neresnytsia], Ukraine; 48.12°N, 23.77°E; TL = 65 mm.
Syntype: NMP P6V-008945, collected by Vladykov in October–December 1923 in the „Teresovka" [= Teresva River], Ukraine; opens into the Tisza at 47.99°N, 23.66°E; TL = 68 mm.
Syntype: NMP P6V-008946, collection data as for the syntype P6V-008945; TL = 70 mm.
Syntype: NMP P6V-008947, collection data as for the syntype P6V-008945; TL = 75 mm.
Syntype: NMP P6V-080739, collected by Vladykov on 9 August 1923 in the „Apšica" [= Apshtsia River] at „Horní Apša" [= Verhknie Vodiane], Ukraine; 48.01°N, 23.96°E; TL = 48 mm.
Syntype: NMP P6V-080740, collection data as for the syntype P6V-080739; TL = 48 mm.
Syntype: NMP P6V-080741, collection data as for the syntype P6V-080739; TL = 65 mm.

Remarks: Vladykov (1925a) based his *Gobio gobio carpathicus* on "several hundred" specimens, all of which are syntypes, collected in 1923-1924, "mostly in the summer semester of 1924". The type locality was broadly given by Vladykov (1925a) as the Tisza basin in Subcarpathian Ukraine. Also, Vladykov (1925a) did not mention where the material was deposited. The above-listed 13 NMP 13 specimens qualify as syntypes due to their date and locality of collection (Šanda & Vukić 2006: 162).

Two specimens of *Gobio gobio carpathicus* in MNHN (catalogue numbers 1930-0195 and 1930-0196) collected by Vladykov in Subcarpathian Ukraine were considered syntypes of *Gobio gobio carpathicus*, Vladykov, 1925a by Bertin & Estève (1948). They were obtained by MNHN on 13 November 1930 (P. Pruvost, pers. comm.), but as the exact date of their collection is unknown, they cannot be unequivocally identified as members of the type series. We cannot exclude the possibility that these specimens were collected after the year 1924. A CUP specimen of *Gobio gobio carpathicus*, collected by Vladykov in the Tereblia River at Bushtyno on 18 August 1925, provides evidence that Vladykov collected specimens of *Gobio gobio carpathicus* also after he

5 Author: Radek Šanda.

described the taxon. Another CUP specimen of *Gobio carpathicus* from Vladykov's collection from Subcarpathian Ukraine bears no collection date and cannot be unequivocally identified as a syntype.

Leuciscus leuciscus roulei Bertin & Estève

Leuciscus leuciscus natio *roulei* Vladykov, 1931: 311. [Infrasubspecific name.]

Leuciscus leuciscus roulei Bertin & Estève, 1948: 63.

Now: *Leuciscus leuciscus* (Linnaeus, 1758). See Kottelat (1997).

Paralectotype: NMP P6V-008817, collected by Vadim Vladykov in August 1923 in the Apshitsia at "Střední Apša" [= Serednie Vodiane], Ukraine; 47.98°N, 23.90°E; TL = 173 mm.

Remarks: Vladykov (1931) originally described this taxon as infrasubspecific and therefore not available for the purposes of zoological nomenclature. However, the use of the name as *Leuciscus leuciscus roulei* in Bertin & Estève (1948: 63) makes the name available from Bertin & Estève (1948) (ICZN 1999, Art. 45.5.1) with Vladykov's material (13 specimens with TL = 123-201) forming the type series. Kottelat (1997: 69) designated the specimen MNHN 1930-0206 from the Uh River as the lectotype of *L. l. roulei*, and the remaining specimens the type series thus became paralectotypes. The above-listed NMP specimen is one of them (Šanda & Vukić 2006: 163).

Rutilus rutilus carpathorossicus Vladykov

Rutilus rutilus carpathorossicus Vladykov, 1930a: 103.

Now: *Rutilus rutilus* Linnaeus, 1758. See Kottelat (1997).

Paralectotype: NMP P6V-083699; collected by Vadim Vladykov on 30 July 1923 in a channel in a valley at „Berehovo" [= Berehove], Ukraine; 48.19°N, 22.63°E; TL = 173 mm.

Remarks: Vladykov (1930a) based his *Rutilus rutilus carpathorossicus* upon 79 specimens, including six juveniles, collected in 1923-1927 and ranging in length from 86 to 220 mm. The type locality was given by Vladykov (1930a) as the Tisza River and its right inflows between the villages of "Akna-Slatina" [= Solotvyno] and "Czap" [= Chop], and the Laborec River. Almaça (1969) designated the specimen MNHN 1930-211 from the Laborec River at Vojany, Slovakia, as the lectotype and the remaining specimens from the type series thus became paralectotypes. The above-listed NMP specimen qualifies as one of them due to the concordance of the date and the capture locality.

Although the collection date of the lectotype MNHN 1930-211 is unknown, it undoubtedly belongs to the type series, because the number of specimens known to Vladykov (1931) indicate that he did not collect any *Rutilus* specimens after 1927.

Telestes karsticus Marčić & Mrakovčić

Telestes karsticus Marčić & Mrakovčić in Marčić et al., 2011: 424.

Now: *Telestes karsticus* Marčić & Mrakovčić, 2011.

Paratype: NMP P6V-086122, unsexed, collected by Marko Ćaleta, Zoran Marčić and Aljoša Duplić on 17 April 2009 in Sušik Creek in the karstic field Polje Lug, Drežnica River drainage, Croatia; 45.15°N, 15.08°E; SL = 95.7 mm

Paratype: NMP P6V-0861223, collection data as for the paratype P6V-086122; SL = 97.9 mm

Cobitidae

Cobitis montana Vladykov

Cobitis montana Vladykov, 1925b: 321.

Now: *Sabanejewia balcanica* (Karaman, 1922). See Kottelat (1997), Kottelat & Freyhof (2007).

Syntype: NMP P6V-008932, ♂, collected by Vadim Vladykov on 9 August 1923 in the "Apšica" [= Apshitsia River] at "Horní Apša" [= Verkhnie Vodiane], Ukraine, 48.01°N, 23.956°E; TL = 68 mm.

Syntype: NMP P6V-008933, ♂, collection data as for the syntype P6V-008932; TL = 60 mm.

Syntype: NMP P6V-008934, ♀?, collection data as for the syntype P6V-008932; TL = 53 mm.

Syntype: NMP P6V-008936, ♂, collected by Vladykov in September 1924 at the confluence of the Teresva and Tereshul rivers at "Podpleša" [= Pidplesha], Ukraine; 48.13°N, 23.80°E; TL = 83 mm.

Syntype: NMP P6V-008937, ♂, collected by Vladykov in August 1924 at the confluence of the Teresva and Tisza rivers at Teresva, Ukraine; 48.00°N, 23.70°E; TL = 68 mm.

Syntype: NMP P6V-080742, ♀, collection data as for the syntype P6V-008936; TL = 82 mm.

Syntype: NMP P6V-080743, ♀, collection data as for the syntype P6V-008937; TL = 68 mm.

Syntype: NMP P6V-080744, ♂, collected by Vladykov on 4 May 1924 in the "Terebla" [= Tereblia River], Ukraine; opens into the Tisza at 48.04°N, 23.48°E; TL = 80 mm.

Syntype: NMP P6V-080745, ♂, collection data as for the syntype P6V-080744; TL = 75 mm.

Syntype: NMP P6V-080746, ♀, collection data as for the syntype P6V-080744; TL = 78 mm.

Syntype: NMP P6V-080747, ♀, collection data as for the syntype P6V-080744; TL = 75 mm.

Syntype: NMP P6V-080748, ♀?, collection data as for the syntype P6V-080744; TL = 58 mm.

Remarks: See Šanda et al. (2010) for the identity of the syntypes of *C. montana* and the type specimens deposited in CUP.

Cobitis pontica Vasil'eva & Vasil'ev

Cobitis pontica Vasil'eva & Vasil'ev, 2006: S15.

Now: *Cobitis pontica* Vasil'eva & Vasil'ev, 2006.

Paratype: NMP P6V-083980, ♂, collected by Karel Janko in June 2003 in Veleka River, Bulgaria; 42.08°N, 27.86°E; TL = 66 mm.

Paratype: NMP P6V-083981, ♀, collection data as for the paratype P6V-083980; TL = 111 mm.

Remarks: Both these paratypes were formerly registered as ZMMU P-21364 (Vasil'eva & Vasil'ev 2006).

Cobitis taurica Vasil'eva et al.

Cobitis taurica Vasil'eva, Vasil'ev, Janko, Ráb & Rábová in Janko et al., 2005: 417.

Now: *Cobitis taurica* Vasil'eva, Vasil'ev, Janko, Ráb & Rábová in janko et al., 2005.

Paratype: NMP P6V-083977, ♀, collected by Karel Janko on 14 June 2002 in Chernaya River, Crimean Peninsula, Ukraine; 44.58°N, 33.67°E; TL = 97 mm.

Paratype: NMP P6V-083978, ♀, collection data as for the paratype P6V-083977; TL = 86 mm.

Paratype: NMP P6V-083979, ♀, collection data as for the paratype P6V-083977; TL = 103mm.

Remarks: All three paratypes were formerly registered as ZMMU P-21360 (Janko et al. 2005).

Cottidae

Cottus gobio pellegrini Bacescu & Bacescu-Mester

Cottus gobio natio *pellegrini* Vladykov, 1931: 353. [Infrasubspecific name.]

Cottus gobio pellegrini Bacescu & Bacescu-Mester, 1964: 442.

Now: *Cottus gobio* Linnaeus, 1758. See Freyhof et al. (2005).

Paralectotype: NMP P6V-008904, collected by Vadim Vladykov on 13 September 1923 in the Teresva at "Dubovy" [= Dubove], Ukraine; 48.17°N, 23.89°E; TL = 86 mm.

Paralectotype: NMP P6V-008969, collected by Vladykov on 2 May 1924 in the Teresva at "Podpleša" [= Pidplesha], Ukraine; 48.13°N, 23.80°E; TL = 85 mm.
Paralectotype: NMP P6V-008970, collection data as for the paralectotype P6V-008969; TL = 75 mm.
Paralectotype: NMP P6V-008971, collection data as for the paralectotype P6V-008969; TL = 76 mm.
Paralectotype: NMP P6V-008972, collection data as for the paralectotype P6V-008969; TL = 72 mm.
Paralectotype: NMP P6V-008973, collection data as for the paralectotype P6V-008969; TL = 63 mm.
Paralectotype: NMP P6V-008974, collection data as for the paralectotype P6V-008969; TL = 70 mm.
Paralectotype: NMP P6V-008975, collection data as for the paralectotype P6V-008969; TL = 66 mm.
Paralectotype: NMP P6V-008976, collection data as for the paralectotype P6V-008969; TL = 55 mm.
Paralectotype: NMP P6V-008977, collection data as for the paralectotype P6V-008969; TL = 56 mm.
Paralectotype: NMP P6V-008978, collected by Vladykov in September-October 1924 at the confluence of the Teresva and Tereshul rivers at „Ganiči" [= Hanychi], Ukraine; 48.13°N, 23.83°E; TL = 97 mm.
Paralectotype: NMP P6V-008979, collection data as for the paralectotype P6V-008978; TL = 82 mm.
Paralectotype: NMP P6V-031802, collection data as for the paralectotype P6V-008969; TL = 70 mm.
Paralectotype: NMP P6V-301803, collection data as for the paralectotype P6V-008969; TL = 80 mm.
Paralectotype: NMP P6V-031804, collection data as for the paralectotype P6V-008969; TL = 72 mm.
Paralectotype: NMP P6V-031805, collection data as for the paralectotype P6V-008969; TL = 60 mm.
Paralectotype: NMP P6V-031806, collection data as for the paralectotype P6V-008969; TL = 71 mm.
Paralectotype: NMP P6V-031807, collection data as for the paralectotype P6V-008969; TL = 50 mm.
Paralectotype: NMP P6V-031808, collection data as for the paralectotype P6V-008969; TL = 50 mm.
Paralectotype: NMP P6V-031809, collection data as for the paralectotype P6V-008969; TL = 62 mm.
Paralectotype: NMP P6V-031810, collection data as for the paralectotype P6V-008969; TL = 53 mm.
Paralectotype: NMP P6V-080803, collection data as for the paralectotype P6V-008978; TL = 57 mm.
Paralectotype: NMP P6V-080804, collected by Vladykov in 1923 in the Teresva at „Neresnice" [= Neresnytsia], Ukraine; 48.12°N, 23.77°E; TL = 91 mm.
Paralectotype: NMP P6V-080805, collection data as for the paralectotype P6V-080804; TL = 84 mm.
Paralectotype: NMP P6V-080806, collection data as for the paralectotype P6V-080804; TL = 65 mm.

Remarks: See Šanda et al. (2010) for the identity of the syntypes of *C. gobio pellegrini* and for the type specimens deposited in CUP. The lectotype and three further paralectotypes are deposited in MNHN (Freyhof et al. 2005).

Nothobranchiidae

Nothobranchius kadleci Reichard

*Nothobranchius kadlec*i Reichard, 2010: 49.
Now: *Nothobranchius kadleci* Reichard, 2010.
Paratype: NMP P6V-086687, ♂, collected by Martin Reichard, Matěj Polačik and Ondřej Sedláček on 18 February 2008 in temporary pool about 100 m from the main EN1 national road, not connected to any permanent river system, Sofala Province, Mozambique; 20.69°S, 34.11°E; SL = 36.1 mm.
Paratype: NMP P6V-086688, ♀, collection data as for the paratype P6V-086687; SL = 31.0 mm.

Gobiidae

Knipowitschia montenegrina Kovačić & Šanda

Knipowitschia montenegrina Kovačić & Šanda, 2007: 82.
Now: *Knipowitschia montenegrina* Kovačić & Šanda, 2007.
Holotype: NMP P6V-080370, ♂, collected by Radek Šanda on 18 July 2002 in Morača River above Lake Skadar at the village of Golubovci, southern Montenegro; 42.31°N, 19.20°E; SL = 27.3+6.2 mm.
Paratype: NMP P6V-080366, ♂, collection data as for the holotype; SL = 26.5+5.3 mm.
Paratype: NMP P6V-080369, juvenile, collection data as for the holotype; SL = 19.7+4.1 mm.
Paratype: NMP P6V-080371, ♀, collection data as for the holotype; SL = 28.3+6.0 mm.
Paratype: NMP P6V-080373, juvenile, collection data as for the holotype; SL = 18.8+4.0 mm.

Pomatoschistus montenegrensis Miller & Šanda

Pomatoschistus montenegrensis Miller & Šanda, 2008: 260.

Now: *Pomatoschistus montenegrensis* Miller & Šanda, 2008.

Holotype: NMP P6V-080388, ♂, collected by Radek Šanda on 18 July 2022 in Morača River above Lake Skadar at the village of Golubovci, southern Montenegro; 42.31°N, 19.20°; SL = 27.0 + 5.5 mm.

Paratype: NMP P6V-080367, ♀, collection data as for the holotype; SL = 19.5 + 3.5 mm.

Paratype: NMP P6V-080368; male (cleared and stained), collection data as for the holotype; SL = 26 + 4.1 mm.

Paratype: NMP P6V-080372; male (cleared and stained), collection data as for the holotype; SL = 22.5 + 4.7 mm.

Paratype: NMP P6V-080374, ♂, collection data as for the holotype; SL = 22.4 + 3.8 mm.

Paratype: NMP P6V-080375, ♂, collection data as for the holotype; SL = 22.3 + 4.4 mm.

Paratype: NMP P6V-080377, ♂, collection data as for the holotype; SL = 23.5 + 4.4 mm.

Paratype: NMP P6V-080378, ♂, collection data as for the holotype; SL = 23.4 + 4.4 mm.

Paratype: NMP P6V-080380, ♂, collection data as for the holotype; SL = 24.4 + 4.2 mm.

Paratype: NMP P6V-080387, ♀, collected by Radek Šanda on 22 July 2002 on the same place as the holotype; SL = 22.5 + 4.5 mm.

Paratype: NMP P6V-080386, ♂, collection data as for the paratype P6V-080387; SL = 28.2 + 6 mm.

Paratype: NMP P6V-080389, ♂, collection data as for the paratype P6V-080387; SL = 22.7 + 4.9 mm.

Paratype: NMP P6V-080390, ♂, collection data as for the paratype P6V-080387; SL = 24.9 + 5.2 mm.

Paratype: NMP P6V-080391, ♂, collection data as for the paratype P6V-080387; SL = 27.1 + 5.1 mm.

Paratype: NMP P6V-080393, ♂, collection data as for the paratype P6V-080387; SL = 21 + 3.9 mm.

Paratype: NMP P6V-080395, ♂, collection data as for the paratype P6V-080387; SL = 23.5 + 4.9 mm.

Paratype: NMP P6V-081164, ♂, collection data as for the paratype P6V-080387; SL = 25.3 + 5 mm.

Paratype: NMP P6V-081165, ♂, collection data as for the paratype P6V-080387; SL = 26.6 + 5 mm.

Paratype: NMP P6V-081166, ♂, collection data as for the paratype P6V-080387; SL = 22.3 + 4.3 mm.

CYCLOSTOMATA[6]

Petromyzontidae

Lampetra bergi Vladykov

Lampetra bergi Vladykov, 1925a: 251.

Now: *Eudontomyzon danfordi* Regan, 1911. See Vladykov (1931), Kottelat (1997), Kottelat & Freyhof (2007).

Syntype: NMP P6V-008949, ad., collected by Vadim Vladykov in 1923 at "Novoselica" [= Novoselytsia]; TL = 183 mm. There are several villages of this name in Subcarpathian Ukraine and it remains unclear at which of them Vladykov collected.

Syntype: NMP P6V-008950, ad., collection data as for the syntype P6V-008949; TL = 161 mm.

Syntype: NMP P6V-080728, ad., collected by Vladykov on 23 August 1923 at "Plajuk" [= Plaiuts]; 48.01°N, 23.94°E0; TL = 213 mm.

Remarks: Vladykov (1925a) based his *Lampetra bergi* upon a large series of syntypes without having mentioned their exact number, only indicating that they were around 100, both larvae and adults, with a TL up to 300 mm. Neither did he mention any locality in the description of *Lampetra bergi*. However, at the beginning of the paper, he wrote that he collected the material in 1923-1924, "mostly in the summer semester of 1924", in Subcarpathian Ukraine. The type locality is therefore Subcarpathian Ukraine. Finally, he did not mention where the type specimens were deposited. In the NMP we have found three specimens, which we consider the syntypes due to the available information on the date and locality of the capture (see also Šanda & Vukić 2006: 161-162).

There are other 11 specimens of *Eudontomyzon danfordii* from Subcarpathian Ukraine from the Vladykov collection in NMP. One adult specimen is taxidermied (NMP P6V-

6 Author: Radek Šanda.

005079), while the others are preserved in liquid. One specimen is adult of TL 136 mm (NMP P6V-080729), one is a metamorphosing exemplar of TL 150 mm (NMP P6V-080730) and the others are ammocoetes of TL 14 mm (NMP P6V-080731), 14 mm (NMP P6V-080732), 30 mm (NMP P6V-080733), 33 mm (NMP P6V-080734), 68 mm (NMP P6V-080735), 85 mm (NMP P6V-080736), 113 mm (NMP P6V-080737) and 148 mm (NMP P6V-080738). All are labelled as *Lampetra bergi*, suggesting that they are most probably from the type series. Furthermore, Vladykov (1931) mentioned in his compilation of the ichtyofauna of the Subcarpathian Ukraine that he used 110 specimens, including 73 larvae, for the description of *Eudontomyzon danfordi*. This could indicate that he collected few or no specimens after 1924. However, as Vladykov collected in the Subcarpathian Ukraine until 1928 (Vladykov 1931) and the date of collection of the above-mentioned 11 specimens in NMP is unknown, they cannot be unequivocally identified as syntypes.

Similarly unclear is the type status of a Vladykov's specimen of *Eudontomyzon danfordi* (adult, 173 mm) from Subcarpathian Ukraine, deposited in the CUP, because of its unknown date of collection.

Finally, two specimens of a lamprey collected by Vladykov from the Teresva River at Pidplesha, Subcarpathian Ukraine, are deposited in MNHN. Both specimens (MNHN 1930-0187 and 1930-0188) are wrongly catalogued as *Lampetra fluviatilis* (MNHN 2011), as the only species of lamprey occurring in this area is *Eudontomyzon danfordi*. Their collection date being unknown, they cannot be unequivocally identified as syntypes. The only available date is 13 November 1930, when the material from Vladykov was obtained by the MNHN (P. Pruvost, pers. comm.).

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