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First supplement to the catalogue of invertebrate and vertebrate palaeontological type specimens of the Hungarian Natural History Museum: 2008–2018

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Summary – A comprehensive palaeontological type catalogue of the Hungarian Natural History Museum (Budapest) was published in 2008. In the following ten years several new type specimens were deposited in the collection, both invertebrates and vertebrates, from microscopic radiolarians to large dinosaur bone remains. Triassic radiolarians and ammonoids, Jurassic brachiopods, Cenozoic molluscs, and Cretaceous vertebrates represent the most dynamically growing parts of the type collection. This supplement to the original catalogue contains the data of 175 species and subspecies, of which 148 are new taxa for the type catalogue. Among them 125 are represented by holotypes, and an additional 199 inventory lots of their paratypes; 23 new taxa are represented only by paratypes, in an additional 74 inventory lots. The vast majority of these taxa were recently described (between 2008 and 2018), although a few of them are previously established taxa with type material that was newly recognized to exist in our collection. This supplement also contains the data of four recently designated neotypes, as well as 16 rediscovered old type specimens which were reported as missing in the 2008 catalogue. We also include the known revisions and illustration of 14 previously established species and subspecies (in three cases with lectotype designation). At the end of 2018, the invertebrate and vertebrate palaeontological collection of the Hungarian Natural History Museum holds more than 2500 inventory lots of different type specimens, including name-bearing types of 1056 nominal species and subspecies.

Key words – holotype, invertebrates, lectotype, neotype, new taxa, palaeontology, paratype, vertebrates

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INTRODUCTION

After moving of the palaeontological collections to a new location in 2004–2006, and the development of a digital collection database, the first catalogue of palaeontological type specimens of the Hungarian Natural History Museum (HNHM) was published by Pálfy *et al.* (2008). Some additional data on the types and the collections were summarized by Pálfy (2009). The history and development of the type catalogue was described in detail in Pálfy *et al.* (2008). The catalogue provided a comprehensive listing of invertebrate and vertebrate type specimens published between 1841 and February 2008. The palaeobotanical type specimens are historically part of the collection of the Department of Botany at the HNHM (Hably & Szakály 1989; Hably *et al.* 2001).

The catalogue listed type specimens of 1181 fossil species-group taxa (986 invertebrates and 195 vertebrates). Discounting the specimens that are missing, lost or have been transferred to other institutions, the catalogue included primary types of 919 taxa available in the collection of the HNHM. At that time 2017 existing inventory lots contained type specimens.

The present work supplements Pálfy *et al.*'s (2008) catalogue, including the type specimens published between February 2008 and December 2018, as well as those specimens which were regarded as missing types in the original catalogue, but later were rediscovered in the collection. We also include those previously published types which were revised or re-illustrated between 2008 and 2018. Several type specimens were recently discovered in some historical collections or older materials, or were donated to the HNHM (e.g., Papp 1907; Kutassy 1933; Somos & Kókay 1960; Steininger *et al.* 1973).

Following the structure of the original catalogue, this supplement also includes primary, name-bearing types (holotypes, syntypes, lectotypes, neotypes) and secondary types (paratypes, paralectotypes). It is subdivided into separate parts for invertebrate and vertebrate types. The basic information of taxa and their type specimens is listed in slightly different formats for invertebrates and vertebrates. An individual catalogue entry typically corresponds to an inventory lot that contains the type specimen(s) of a taxon, identified by an inventory number. If a taxon is represented by more than one type specimen, separate entries are listed where differences exist in either the inventory number, locality, or illustration of specimen. Types under more than one inventory number are merged into a single entry if all data fields other than the inventory number are identical.

The format for invertebrate entries is as follows:

Genus species Author, year
[or *Genus* (*Subgenus*) *species subspecies* Author, year]
Status of type, inventory number
[Period and/or epoch], standard or regional stage, formation
Locality, town, country (country is listed only if other than Hungary)
Reference, page, text-figure, plate, figure (see code numbers in References)
Revised name, reference to revising work
Remarks

The format for pre-Pliocene vertebrate entries is as follows:

Genus species Author, year
[or *Genus* (*Subgenus*) *species subspecies* Author, year]
Status of type, inventory number
Part of fossil
Stage, epoch; formation
Locality, town, country
Reference, page, text-figure, plate, figure
Revised name, reference to revising work
Remarks

The format for Pliocene and Quaternary vertebrate entries is as follows:

Genus species Author, year
[or *Genus* (*Subgenus*) *species subspecies* Author, year]
Status of type, inventory number
Part of fossil
Epoch subdivided (i.e. Early/Middle/Late Pliocene or Pleistocene)
Locality, town, country
Reference, page, text-figure, plate, figure
Revised name, reference to revising work
Remarks

The invertebrate catalogue entries are arranged primarily by geologic age, secondarily by major taxonomic groups, and then the original proposed bi- or trinomens are listed alphabetically within each subdivision.

Both the ages and the taxonomic groups that define the subdivisions were selected for practical reasons rather than strictly using certain levels in their hierarchical structure. The following age subdivisions, ranging in rank from period to epoch, are used: Triassic, Jurassic, Cretaceous, Eocene, Oligocene, and Miocene. Secondary, taxonomic subdivisions use the following, well-known groups, arbitrarily taken from higher taxa at the phylum, class, or order level: Radiolaria, Foraminiferida, Polyplacophora, Bivalvia, Gastropoda, Cephalopoda, Brachiopoda, Decapoda, Crinoidea, Echinoidea.

The catalogue of vertebrate types is arranged by higher taxa, containing subdivisions for Amphibia, Reptilia, Aves, and Mammalia.

Taxon names for the types are given as bi- or trinomens as they were introduced by the author in the original description. The original spelling is retained, even though current rules of ICZN (see Article 32) require avoiding the diacritical marks of non-standard Latin characters (commonly occurring in taxon names derived from Hungarian person or place names). However, preserving the original spelling in the catalogue may help tracing a taxon in the literature. Necessary corrections and emendations of originally incorrect spelling of species names are reflected in the index of species and subspecies names.

If types of a taxon require more than one entry, the holotype or lectotype is listed first. For types of equal status (e.g. syntypes, paratypes, paralectotypes), the entries are arranged in ascending order of their inventory number. In merged entries with several specimens of identical attributes, the inventory numbers are given in a list separated by commas.

If possible, an age assignment for invertebrate specimens is given at the stage level. Standard stages are used (Gradstein *et al.* 2012) except for the Oligocene and Miocene, where the regional stages of the Central Paratethys time scale are applied (Piller *et al.* 2007). Although some stages are known to straddle standard epoch boundaries, for sake of a simplified hierarchy of age units, these boundary problems are sidestepped. Thus the Egerian is included in the Oligocene, and the Pannonian is taken to form part of the Miocene. Original age assignments are revised if necessary, where up-to-date stratigraphic information is available from the type locality.

The ages of Pliocene and Pleistocene vertebrates are given using a threefold (i.e. Early–Middle–Late) subdivision of the epochs, derived by simplifying the biochronological framework of Kretzoi (1969) and Jánossy (1986), with the necessary modifications to account for different concepts in placing the Pliocene/Pleistocene boundary. Age assignment of pre-Pliocene vertebrates follows the concepts applied to invertebrates.

The lithostratigraphic unit from which a type specimen was collected is given on the basis of Császár (1997) for Hungary; in other countries the relevant references were consulted for information on lithostratigraphy. Pliocene and younger vertebrates are not assigned to formations as they are most commonly found in fissure fills and cave deposits, not forming conventional lithostratigraphic units.

In the locality field, geographic names are given in their usual Hungarian form, for ease of finding them on local maps. The English translation of some common vernacular terms in geographic names (often hyphenated to form the latter part of a proper name) is listed as follows (Hungarian words in italics): *árok* – gully; *domb* – hill; *hegy* – mountain; *kút* – well; *mező* – meadow; *puszta* – farm; *völgy* – valley. Geological terms for localities, such as outcrop ("*feltárás*"), quarry

("*kőfejtő*"), brickyard ("*téglagyár*"), coal mine ("*szénbánya*") are given in English. Name of town refers to the municipality to which the locality belongs, in some cases this is not the nearest settlement.

As the majority of the types were collected at localities within the present-day borders of Hungary (385 inventory lots), no country name is listed for them. Some specimens are from sites in historical Hungary that are now in the territory of Slovakia (7) or Romania (1). Their town is listed using the current official name, with the Hungarian name given in parentheses. Approximately one-quarter of the types are from other countries, including Turkey (97), Austria (16), Russia (8), France (8), and Poland (3).

Reference is given to the original description, using a five or six character code, found in the reference list at the end of each item. The reference code is composed of the first three letters of the first author's name (or an otherwise meaningful three-letter abbreviation of the name), the last two digits of the year of publication, and, if needed, an extra letter to distinguish works from the same year. If the original description appeared in Hungarian as well as in a foreign language, both page numbers are given, the foreign one first and the Hungarian one in parentheses.

Illustrations (text-figures and/or figures on plates) accompanying the original description are quoted at the appropriate entry, if the specimen is identified as the figured one.

If we became aware of a published revision, either nomenclatural, or changing the species-level identification or the generic assignment of the taxon concerned, we include the revised name and provide the reference code of the revising work.

Any additional information may appear as remarks in the last line of an item. Remarks may include reference to a different inventory number in the original publication, notes on the type designation, or the date of rediscovery in the collection.

To facilitate finding information on taxa, the catalogue is followed by an index of all invertebrate and vertebrate species and subspecies names. Here an original name (using emended spelling if needed) is followed by the originally published bi- or trinomen, the author's name, and the page number on which the first catalogue entry of this taxon appears.

Although significant care was taken to compile a comprehensive catalogue that contains accurate information, errors and omissions are almost inevitable in an endeavour of this scale. Therefore users of this catalogue are encouraged to report any suggested correction and/or addition to the curators of the Department of Palaeontology and Geology.

*

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Catalogue of invertebrate type specimens

1. Triassic types

1.1. Triassic Radiolaria

Annulohaeckeliella curvispina Ozsvárt, Dumitrica & Hungerbühler *in* Ozsvárt *et al.*, 2017
holotype, PAL 2016.22.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs17a, p. 154, pl. 3, fig. 9

Archaeosemantis multispinosa Ozsvárt, Dumitrica & Moix, 2017
holotype, PAL 2017.9.2.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs17b, p. 65, fig. 7.11
No inventory number given in original publication

Archaeosemantis multispinosa Ozsvárt, Dumitrica & Moix, 2017
paratype, PAL 2017.9.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs17b, p. 65, fig. 7.10
No inventory number given in original publication

Archaeosemantis multispinosa Ozsvárt, Dumitrica & Moix, 2017
paratype, PAL 2017.9.3.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs17b, p. 65, fig. 7.12
No inventory number given in original publication

Baumgartneria szarvaskoensis Ozsvárt & Kovács, 2012
holotype, PAL 2018.24.1.
Ladinian, Extra-Bükkian olistoliths
Malom-hegy, Szarvaskő
Ozs12, p. 281, pl. 2, figs 19–20
No inventory number given in original publication

Baumgartneria szarvaskoensis Ozsvárt & Kovács, 2012
paratype, PAL 2018.25.1.
Ladinian, Extra-Bükkian olistoliths
Malom-hegy, Szarvaskő
Ozs12, p. 281, pl. 2, fig. 21
No inventory number given in original publication

Baumgartneria szarvaskoensis Ozsvárt & Kovács, 2012
paratype, PAL 2018.25.2.
Ladinian, Extra-Bükkian olistoliths
Malom-hegy, Szarvaskő
Ozs12, p. 281, pl. 2, fig. 22
No inventory number given in original publication

Capnuchosphaera barnabasi Kozur, Moix & Ozsvárt, 2009
holotype, M 2009.1.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Koz09, p. 32, pl. 2, fig. 1

Capnuchosphaera borbalae Kozur, Moix & Ozsvárt, 2009
holotype, M 2009.3.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Koz09, p. 32, pl. 1, fig. 2

Capnuchosphaera bragini Kozur, Moix & Ozsvárt, 2009
holotype, M 2009.4.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Koz09, p. 32, pl. 1, fig. 7

Capnuchosphaera ciliciensis Kozur, Moix & Ozsvárt, 2009
holotype, M 2009.6.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Koz09, p. 33, pl. 2, fig. 4

Capnuchosphaera crassa yforma Kozur, Moix & Ozsvárt, 2009
holotype, M 2009.9.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Koz09, p. 33, pl. 2, fig. 7

Capnuchosphaera cylindrica cylindrica Kozur, Moix & Ozsvárt, 2009
holotype, M 2009.10.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Koz09, p. 33, pl. 1, fig. 10

Capnuchosphaera cylindrica retusaspinosa Kozur, Moix & Ozsvárt, 2009
holotype, M 2009.11.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Koz09, p. 34, pl. 1, fig. 11

Capnuchosphaera goestlingensis Kozur, Mostler & Ozsvárt *in* Kozur *et al.*, 2009
paratype, M 2009.12.1.
Carnian, Göstling Formation
Göstling, Austria
Koz09, p. 34, pl. 2, fig. 11

Capnuchosphaera gracilispinosa gracilispinosa Kozur, Moix & Ozsvárt, 2009
holotype, M 2009.13.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Koz09, p. 34, pl. 1, fig. 4

Capnuchosphaera gracilispinosa turkensis Kozur, Moix & Ozsvárt, 2009
holotype, M 2009.14.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Koz09, p. 34, pl. 1, fig. 5

Capnuchosphaera mersinensis Kozur, Moix & Ozsvárt, 2009
holotype, M 2009.16.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Koz09, p. 35, pl. 1, fig. 3

Capnuchosphaera mostleri Kozur, Moix & Ozsvárt, 2009
holotype, M 2009.17.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Koz09, p. 35, pl. 1, fig. 9

Capnuchosphaera multispinosa Kozur, Moix & Ozsvárt, 2009
holotype, M 2009.18.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Koz09, p. 35, pl. 3, fig. 2

Capnuchosphaera oesii Kozur, Moix & Ozsvárt, 2009
holotype, M 2009.20.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Koz09, p. 36, pl. 1, fig. 12

Capnuchosphaera ottomanensis ottomanensis Kozur, Moix & Ozsvárt, 2009
holotype, M 2009.21.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Koz09, p. 36, pl. 2, fig. 8

Capnuchosphaera ottomanensis carterae Kozur, Moix & Ozsvárt, 2009
holotype, M 2009.23.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Koz09, p. 36, pl. 2, fig. 10

Capnuchosphaera tortuospinosa Kozur, Moix & Ozsvárt, 2009
holotype, M 2009.24.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Koz09, p. 36, pl. 1, fig. 1

Capnuchosphaera tumorspinosa Kozur, Moix & Ozsvárt, 2009
holotype, M 2009.25.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Koz09, p. 37, pl. 3, fig. 1

Capnuchosphaera tuvalica Kozur, Moix & Ozsvárt, 2009
holotype, M 2009.26.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Koz09, p. 37, pl. 2, fig. 12

Caponabolella brevispinosa Ozsvárt, Dumitrica & Hungerbühler *in* Ozsvárt *et al.*, 2017
holotype, PAL 2016.27.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs17a, p. 158, pl. 5, fig. 6

Caponabolella brevispinosa Ozsvárt, Dumitrica & Hungerbühler *in* Ozsvárt *et al.*, 2017
paratype, PAL 2016.27.2.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs17a, p. 158, pl. 5, fig. 7
No inventory number given in original publication

Caponabolella longispinosa Ozsvárt, Dumitrica & Hungerbühler *in* Ozsvárt *et al.*, 2017
holotype, PAL 2016.26.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs17a, p. 156, pl. 5, figs 1–2

Caponabolella longispinosa Ozsvárt, Dumitrica & Hungerbühler *in* Ozsvárt *et al.*, 2017
paratype, PAL 2016.26.2.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs17a, p. 156, pl. 5, fig. 3
No inventory number given in original publication

Circopoulpus cornubovis Ozsvárt, Dumitrica & Hungerbühler *in* Ozsvárt *et al.*, 2017
holotype, PAL 2016.21.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs17a, p. 149, pl. 2, fig. 12

Circopoulpus cornubovis Ozsvárt, Dumitrica & Hungerbühler *in* Ozsvárt *et al.*, 2017
paratype, PAL 2016.21.3.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs17a, p. 149, pl. 2, fig. 9
No inventory number given in original publication

Circopoulpus cornubovis Ozsvárt, Dumitrica & Hungerbühler *in* Ozsvárt *et al.*, 2017
paratype, PAL 2016.21.4.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs17a, p. 149, pl. 2, fig. 10
No inventory number given in original publication

Circopoulpus cornubovis Ozsvárt, Dumitrica & Hungerbühler *in* Ozsvárt *et al.*, 2017
paratype, PAL 2016.21.5.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs17a, p. 149, pl. 2, fig. 11
No inventory number given in original publication

Circopoulpus dulaii Ozsvárt, Dumitrica & Hungerbühler *in* Ozsvárt *et al.*, 2017
paratype, PAL 2016.20.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs17a, p. 149, pl. 2, fig. 7
No inventory number given in original publication

Goricanella hexaspinosa Kozur, Mostler & Ozsvárt *in* Kozur *et al.*, 2009
holotype, M 2009.47.1.
Carnian, Göstling Formation
Göstling, Austria
Koz09, p. 43, pl. 4, fig. 14

Goricanella hexaspinosa Kozur, Mostler & Ozsvárt *in* Kozur *et al.*, 2009
paratype, M 2009.47.2.
Carnian, Göstling Formation
Göstling, Austria
Koz09, p. 43, pl. 4, fig. 15

Goricanella hexaspinosa Kozur, Mostler & Ozsvárt *in* Kozur *et al.*, 2009
paratype, M 2009.47.3.
Carnian, Göstling Formation
Göstling, Austria
Koz09, p. 43, pl. 4, fig. 16

Hindeosphaera burrii Ozsvárt, Moix & Kozur, 2015
holotype, PAL 2014.136.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs15, p. 346, fig. 5.23

Hindeosphaera burrii Ozsvárt, Moix & Kozur, 2015
paratype, PAL 2014.136.2.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs15, p. 346, fig. 5.22

Hindeosphaera burrii Ozsvárt, Moix & Kozur, 2015
paratype, PAL 2014.136.3.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs15, p. 346, fig. 5.21

Hindeosphaera djani Ozsvárt, Moix & Kozur, 2015
holotype, PAL 2014.135.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs15, p. 346, fig. 5.20

Hindeosphaera naomiae Ozsvárt, Moix & Kozur, 2015
holotype, PAL 2014.134.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs15, p. 348, fig. 5.19

Minicrampus longispinosus Ozsvárt, Dumitrica & Moix, 2017
holotype, PAL 2017.5.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs17b, p. 62, fig. 7.1
No inventory number given in original publication

Minicrampus longispinosus Ozsvárt, Dumitrica & Moix, 2017
paratype, PAL 2017.5.2.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs17b, p. 62, fig. 7.2
No inventory number given in original publication

Monocoronella spinifera Ozsvárt, Dumitrica & Moix, 2017
holotype, PAL 2017.3.3.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs17b, p. 61, fig. 6.6
No inventory number given in original publication

Monocoronella spinifera Ozsvárt, Dumitrica & Moix, 2017
paratype, PAL 2017.3.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs17b, p. 61, fig. 6.4
No inventory number given in original publication

Monocoronella spinifera Ozsvárt, Dumitrica & Moix, 2017
paratype, PAL 2017.3.2.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs17b, p. 61, fig. 6.5
No inventory number given in original publication

Monocoronella spinifera Ozsvárt, Dumitrica & Moix, 2017
paratype, PAL 2017.3.4.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs17b, p. 61, fig. 6.7
No inventory number given in original publication

Monocoronella spinifera Ozsvárt, Dumitrica & Moix, 2017
paratype, PAL 2017.3.5.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs17b, p. 61, fig. 6.8
No inventory number given in original publication

Paramonocapnuchosphaera fusiformis Ozsvárt, Dumitrica & Moix, 2017
holotype, PAL 2017.2.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs17b, p. 61, fig. 6.2
No inventory number given in original publication

Paramonocapnuchosphaera fusiformis Ozsvárt, Dumitrica & Moix, 2017
paratype, PAL 2017.2.2.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs17b, p. 61, fig. 6.3
No inventory number given in original publication

Paraweverella tenuispinosa Kozur, Moix & Ozsvárt, 2009
holotype, M 2009.45.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Koz09, p. 43, pl. 4, fig. 12

Poulpus compactus Ozsvárt, Dumitrica & Hungerbühler *in* Ozsvárt *et al.*, 2017
holotype, PAL 2016.17.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs17a, p. 141, pl. 1, fig. 2

Poulpus compactus Ozsvárt, Dumitrica & Hungerbühler *in* Ozsvárt *et al.*, 2017
paratype, PAL 2016.17.2.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs17a, p. 141, pl. 1, fig. 1
No inventory number given in original publication

Poulpus elegans Ozsvárt, Dumitrica & Hungerbühler *in* Ozsvárt *et al.*, 2017
holotype, PAL 2016.18.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs17a, p. 145, pl. 1, fig. 3

Poulpus kozuri Ozsvárt, Dumitrica & Hungerbühler *in* Ozsvárt *et al.*, 2017
holotype, PAL 2016.19.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs17a, p. 145, pl. 1, figs 4–5

Pseudostylosphaera dumitricai Ozsvárt, Moix & Kozur, 2015
holotype, PAL 2014.128.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs15, p. 348, fig. 6.1

Pseudostylosphaera dumitricai Ozsvárt, Moix & Kozur, 2015
paratype, PAL 2014.128.2.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs15, p. 348, fig. 6.2

Pseudostylosphaera dumitricai Ozsvárt, Moix & Kozur, 2015
paratype, PAL 2014.128.3.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs15, p. 348, fig. 6.3

Pseudostylosphaera dumitricai Ozsvárt, Moix & Kozur, 2015
paratype, PAL 2014.128.4.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs15, p. 348, fig. 6.4

Silicarmiger longospinosus Ozsvárt, Dumitrica & Hungerbühler *in* Ozsvárt *et al.*, 2017
holotype, PAL 2016.28.2.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs17a, p. 158, pl. 5, fig. 9

Silicarmiger longospinosus Ozsvárt, Dumitrica & Hungerbühler *in* Ozsvárt *et al*., 2017
paratype, PAL 2016.28.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs17a, p. 158, pl. 5, fig. 10
No inventory number given in original publication

Spinocapnuchosphaera hantkeni Kozur, Moix & Ozsvárt, 2009
holotype, M 2009.31.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Koz09, p. 38, pl. 4, fig. 1

Spinocapnuchosphaera odoghertyi Kozur, Moix & Ozsvárt, 2009
holotype, M 2009.32.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Koz09, p. 39, pl. 3, fig. 10

Spinocapnuchosphaera szentei Kozur, Moix & Ozsvárt, 2009
holotype, M 2009.33.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Koz09, p. 39, pl. 3, fig. 12

Spinocapnuchosphaera szivesae Kozur, Moix & Ozsvárt, 2009
holotype, M 2009.34.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Koz09, p. 39, pl. 4, fig. 2

Spinocapnuchosphaera tekini tekini Kozur, Moix & Ozsvárt, 2009
holotype, M 2009.28.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Koz09, p. 38, pl. 3, fig. 5

Spinocapnuchosphaera tekini tekini Kozur, Moix & Ozsvárt, 2009
paratype, M 2009.28.2.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Koz09, p. 38, pl. 3, fig. 6

Spinocapnuchosphaera tekini hugluensis Kozur, Moix & Ozsvárt, 2009
holotype, M 2009.29.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Koz09, p. 38, pl. 3, fig. 7

Spinocapnuchosphaera tekini marginospinosa Kozur, Moix & Ozsvárt, 2009
holotype, M 2009.30.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Koz09, p. 38, pl. 3, fig. 8

Spinocapnuchosphaera tricuspidata Kozur, Moix & Ozsvárt, 2009
holotype, M 2009.35.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Koz09, p. 40, pl. 3, fig. 9

Spinocapnuchosphaera venusta Kozur, Moix & Ozsvárt, 2009
holotype, M 2009.36.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Koz09, p. 40, pl. 3, fig. 11

Spinostylosphaera andrasi Ozsvárt, Moix & Kozur, 2015
holotype, PAL 2014.126.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs15, p. 349, fig. 6.7

Spinostylosphaera andrasi Ozsvárt, Moix & Kozur, 2015
paratype, PAL 2014.126.2.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs15, p. 349, fig. 6.9

Spinostylosphaera andrasi Ozsvárt, Moix & Kozur, 2015
paratype, PAL 2014.126.3.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs15, p. 349, fig. 6.10

Spinostylosphaera andrasi Ozsvárt, Moix & Kozur, 2015
paratype, PAL 2014.127.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs15, p. 349, fig. 6.8

Spinostylosphaera andrasi Ozsvárt, Moix & Kozur, 2015
paratype, PAL 2014.127.2.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs15, p. 349, fig. 6.11

Spinostylosphaera andrasi Ozsvárt, Moix & Kozur, 2015
paratype, PAL 2014.127.3.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs15, p. 349, figs 6.12.1–2
Inventory number given erroneously in figure caption as PAL 2014.127.3.6.

Spinostylosphaera masseti Ozsvárt, Dumitrica & Moix, 2017
holotype, PAL 2017.6.2.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs17b, p. 65, fig. 7.4
No inventory number given in original publication

Spinostylosphaera masseti Ozsvárt, Dumitrica & Moix, 2017
paratype, PAL 2017.6.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs17b, p. 65, fig. 7.3
No inventory number given in original publication

Spinostylosphaera michelae Ozsvárt, Dumitrica & Moix, 2017
holotype, PAL 2017.8.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs17b, p. 65, fig. 7.6
No inventory number given in original publication

Spinostylosphaera michelae Ozsvárt, Dumitrica & Moix, 2017
paratype, PAL 2017.8.2.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs17b, p. 65, fig. 7.7
No inventory number given in original publication

Spinostylosphaera michelae Ozsvárt, Dumitrica & Moix, 2017
paratype, PAL 2017.8.3.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs17b, p. 65, fig. 7.8
No inventory number given in original publication

Spinostylosphaera michelae Ozsvárt, Dumitrica & Moix, 2017
paratype, PAL 2017.8.4.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs17b, p. 65, fig. 7.9
No inventory number given in original publication

Spinostylosphaera sengoeri Ozsvárt, Dumitrica & Moix, 2017
holotype, PAL 2017.7.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs17b, p. 65, fig. 7.5
No inventory number given in original publication

Spinostylosphaera vachardi Ozsvárt, Moix & Kozur, 2015
holotype, PAL 2014.131.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs15, p. 349, fig. 6.15

Spinostylosphaera vachardi Ozsvárt, Moix & Kozur, 2015
paratype, PAL 2014.131.2.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs15, p. 349, figs 6.13.1–2

Spinostylosphaera vachardi Ozsvárt, Moix & Kozur, 2015
paratype, PAL 2014.131.3.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs15, p. 349, fig. 6.14
Inventory number given erroneously in figure caption as PAL 2014.131.2.

Tamonella aspinosa Ozsvárt, Dumitrica & Moix, 2017
holotype, PAL 2017.4.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs17b, p. 61, fig. 6.10
No inventory number given in original publication

Tamonella aspinosa Ozsvárt, Dumitrica & Moix, 2017
paratype, PAL 2017.4.2.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs17b, p. 61, fig. 6.11
No inventory number given in original publication

Tekinium bragini Ozsvárt, Dumitrica & Hungerbühler *in* Ozsvárt *et al*., 2017
holotype, PAL 2016.24.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs17a, p. 155, pl. 3, fig. 12

Tekinium bragini Ozsvárt, Dumitrica & Hungerbühler *in* Ozsvárt *et al*., 2017
paratype, PAL 2016.24.2.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs17a, p. 155, pl. 3, fig. 11
No inventory number given in original publication

Tetracapnuchosphaera? *voeroesi* Kozur, Moix & Ozsvárt, 2009
holotype, M 2009.38.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Koz09, p. 40, pl. 4, fig. 4

Triassobullasphaera miriae Ozsvárt, Moix & Kozur, 2015
holotype, PAL 2014.125.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs15, p. 344, fig. 5.5

Triassobullasphaera miriae Ozsvárt, Moix & Kozur, 2015
paratype, PAL 2014.125.2.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Ozs15, p. 344, fig. 5.6

Tubospongopallium inaequispinosum Kozur, Moix & Ozsvárt, 2009
holotype, M 2009.46.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Koz09, p. 43, pl. 4, fig. 13

Weverella gracilispinosa Kozur, Moix & Ozsvárt, 2009
holotype, M 2009.40.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Koz09, p. 41, pl. 4, fig. 6

Weverella gracilispinosa Kozur, Moix & Ozsvárt, 2009
paratype, M 2009.40.2.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Koz09, p. 41, pl. 4, fig. 5

Weverella longispinosa longispinosa Kozur, Moix & Ozsvárt, 2009
holotype, M 2009.41.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Koz09, p. 42, pl. 4, fig. 7

Weverella longispinosa curvata Kozur, Moix & Ozsvárt, 2009
holotype, M 2009.42.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Koz09, p. 42, pl. 4, fig. 8

Weverella longispinosa subrectangularis Kozur, Moix & Ozsvárt, 2009
holotype, M 2009.43.1.
Carnian, Killik Formation
Tavusçayırı Tepe, Sorgun, Turkey
Koz09, p. 42, pl. 4, fig. 9
Inventory number given erroneously in figure caption as M 2009.43.11.

1.2. Triassic Gastropoda

Hungariella coronata Szabó, 2011
holotype, M 2010.427.1.
Norian–Rhaetian, Dachstein Limestone Formation
Remete-hegy, Budapest
Sza11, p. 43, figs 2.5–8

Hungariella coronata Szabó, 2011
paratype, M 2010.425.1.
Norian–Rhaetian, Dachstein Limestone Formation
Remete-hegy, Budapest
Sza11, p. 43, fig. 2.12

Hungariella coronata Szabó, 2011
paratype, M 2010.428.1.
Norian–Rhaetian, Dachstein Limestone Formation
Remete-hegy, Budapest
Sza11, p. 43, figs 2.9–11

Trochus (*Mesotrochus*) *triadicus* Kutassy, 1927
neotype, M 2010.422.1.
Norian–Rhaetian, Dachstein Limestone Formation
Remete-hegy, Budapest
Kut27, p. 152 (pl. 5, figs 7a–c)
Callotrochus triadicus, Sza11
Neotype designated and figured in Szabó 2011: p. 41, figs 1.1–3, 1.7–9

Trochus (*Mesotrochus*) *triadicus elegantula* Kutassy, 1933
holotype, M 2010.423.1.
Norian–Rhaetian, Dachstein Limestone Formation
Remete-hegy, Budapest
Kut33, p. 236, pl. 2, fig. 26
Callotrochus triadicus, Sza11
Type figured in Szabó 2011: figs 1.4–6

1.3. Triassic Cephalopoda

Epikellnerites pseudocholnokyi Vörös, 2018
holotype, PAL 2017.20.1.
Anisian, Vászoly Formation
bed 9, section I, Mencshely
VöA18, p. 71, pl. 9, figs 4a–b

Epikellnerites pseudocholnokyi Vörös, 2018
paratype, PAL 2017.21.1.
Anisian, Vászoly Formation
Mencshely
VöA18, p. 71, pl. 9, figs 5a–b

Epikellnerites pseudocholnokyi Vörös, 2018
paratype, PAL 2017.22.1.
Anisian, Vászoly Formation
Mencshely
VöA18, p. 71, pl. 9, figs 3a–b

Epikellnerites pseudocholnokyi Vörös, 2018
paratype, PAL 2017.48.1.
Anisian, Vászoly Formation
Mencshely
VöA18, p. 71, text-figs 31–32

Epikellnerites spinatus Vörös, 2018
holotype, PAL 2017.23.1.
Anisian, Vászoly Formation
bed 9, section I, Mencshely
VöA18, p. 72, text-fig. 33, pl. 9, figs 6a–b

Epikellnerites spinatus Vörös, 2018
paratype, PAL 2017.24.1.
Anisian, Vászoly Formation
Mencshely
VöA18, p. 72, pl. 9, fig. 7

Epikellnerites tamasi Vörös, 2018
holotype, PAL 2017.10.1.
Anisian, Vászoly Formation?
vineyards, Szentbékkálla
VöA18, p. 67, text-figs 26–27, pl. 7, figs 3a–b

Epikellnerites vaszolyensis Vörös, 2018
holotype, PAL 2017.12.1.
Anisian, Vászoly Formation
trench P-11/c, Vászoly
VöA18, p. 69, pl. 7, figs 6a–b

Epikellnerites vaszolyensis Vörös, 2018
paratype, M.87.6
Anisian, Vászoly Formation?
Szentbékkálla
VöA18, p. 69, text-fig. 30, pl. 8, figs 5a–b

Epikellnerites vaszolyensis Vörös, 2018
paratype, M.98.14
Anisian, Vászoly Formation
Vászoly
VöA18, p. 69, pl. 8, figs 2a–b

Epikellnerites vaszolyensis Vörös, 2018
paratype, M.98.74
Anisian, Vászoly Formation
bed 8, section I, Mencshely
VöA18, p. 69, text-fig. 28c, pl. 8, figs 4a–b

Epikellnerites vaszolyensis Vörös, 2018
paratype, PAL 2017.13.1.
Anisian, Vászoly Formation
trench P-11/c, Vászoly
VöA18, p. 69, text-fig. 28b, pl. 8, figs 1a–b

Epikellnerites vaszolyensis Vörös, 2018
paratype, PAL 2017.14.1.
Anisian, Vászoly Formation
trench P-11/c, Vászoly
VöA18, p. 69, text-fig. 29, pl. 8, figs 3a–b

Epikellnerites vaszolyensis Vörös, 2018
paratype, PAL 2017.15.1.
Anisian, Vászoly Formation
bed 9, section I, Mencshely
VöA18, p. 69, pl. 8, figs 6a–b

Epikellnerites vaszolyensis Vörös, 2018
paratype, PAL 2017.16.1.
Anisian, Vászoly Formation
shaft P-XVIII, Vászoly
VöA18, p. 69, pl. 8, figs 7a–b

Epikellnerites vaszolyensis Vörös, 2018
paratype, PAL 2017.17.1.
Anisian, Vászoly Formation
Mencshely
VöA18, p. 69, pl. 8, figs 8a–b

Epikellnerites vaszolyensis Vörös, 2018
paratype, PAL 2017.18.1.
Anisian, Vászoly Formation
shaft P-XVIII, Vászoly
VöA18, p. 69, pl. 9, figs 1a–b

Epikellnerites vaszolyensis Vörös, 2018
paratype, PAL 2017.19.1.
Anisian, Vászoly Formation
bed 9, section I, Mencshely
VöA18, p. 69, pl. 9, figs 2a–b

Epikellnerites vaszolyensis Vörös, 2018
paratype, PAL 2017.47.1.
Anisian, Vászoly Formation
Mencshely
VöA18, p. 69, text-fig. 28a

Hungarites sinuosus Vörös, 2018
holotype, PAL 2017.38.1.
Anisian, Vászoly Formation
bed 6, section I, Mencshely
VöA18, p. 120, text-figs 70a, 71, pl. 34, figs 5a–b

Hungarites sinuosus Vörös, 2018
paratype, M.89.100
Anisian, Vászoly Formation
bed 16/A, trench P-11/a, Vászoly
VöA18, p. 120, text-fig. 70b, pl. 34, figs 4a–b

Hungarites sinuosus Vörös, 2018
paratype, PAL 2017.39.1.
Anisian, Vászoly Formation
Vászoly
VöA18, p. 120, pl. 35, figs 1a–b

Hungarites sinuosus Vörös, 2018
paratype, PAL 2017.40.1.
Anisian, Vászoly Formation
Section I, Mencshely
VöA18, p. 120, pl. 35, figs 2a–b

Hungarites sinuosus Vörös, 2018
paratype, PAL 2017.41.1.
Anisian, Vászoly Formation
Vászoly
VöA18, p. 120, pl. 35, figs 3a–b

Hungarites szentei Vörös, 2018
holotype, PAL 2017.42.1.
Anisian, Vászoly Formation
trench P-14, Vászoly
VöA18, p. 121, text-fig. 72, pl. 36, figs 1a–b

Hungarites szentei Vörös, 2018
paratype, PAL 2017.43.1.
Anisian, Vászoly Formation
trench P-14, Vászoly
VöA18, p. 121, pl. 36, figs 2a–b

Hungarites szentei Vörös, 2018
paratype, PAL 2017.44.1.
Anisian, Vászoly Formation
bed 6, Szentkirályszabadja
VöA18, p. 121, pl. 36, figs 3a–b

Hungarites szentei Vörös, 2018
paratype, PAL 2017.45.1.
Anisian, Vászoly Formation
bed 5, Szentkirályszabadja
VöA18, p. 121, pl. 36, fig. 4

Hyparpadites szaboi Vörös, 2018
holotype, PAL 2017.25.1.
Anisian, Vászoly Formation
shaft P-XVII, Vászoly
VöA18, p. 85, text-fig. 43, pl. 11, figs 4a–b

Hyparpadites szaboi Vörös, 2018
paratype, PAL 2017.26.1.
Anisian, Vászoly Formation
shaft P-XVII, Vászoly
VöA18, p. 85, pl. 11, figs 6a–b

Hyparpadites szaboi Vörös, 2018
paratype, PAL 2017.27.1.
Anisian, Vászoly Formation
bed 14, section I, Mencshely
VöA18, p. 85, pl. 11, fig. 3

Nodihungarites vinczei Vörös, 2018
holotype, M.89.81
Anisian, Vászoly Formation
bed 16/A, trench P-11/a, Vászoly
VöA18, p. 127, pl. 40, figs 1a–b

Nodihungarites vinczei Vörös, 2018
paratype, PAL 2017.46.1.
Anisian, Vászoly Formation
trench P-11/a, Vászoly
VöA18, p. 127, pl. 38, fig. 7

Parahungarites solyensis Vörös, 2018
holotype, M.98.53
Anisian, Vászoly Formation
bed 9, Őr-hegy, Sóly
VöA18, p. 98, pl. 18, figs 8a–b

Parahungarites solyensis Vörös, 2018
paratype, M.98.208A
Anisian, Vászoly Formation
bed 6, Őr-hegy, Sóly
VöA18, p. 98, pl. 18, figs 5a–b

Parahungarites solyensis Vörös, 2018
paratype, M.98.208B
Anisian, Vászoly Formation
bed 6, Őr-hegy, Sóly
VöA18, p. 98, text-fig. 57, pl. 18, figs 9a–b

Parahungarites solyensis Vörös, 2018
paratype, M.98.212A
Anisian, Vászoly Formation
bed 6, Őr-hegy, Sóly
VöA18, p. 98, pl. 18, figs 7a–b

Parahungarites solyensis Vörös, 2018
paratype, PAL 2017.32.1.
Anisian, Vászoly Formation
trench P-17, Vászoly
VöA18, p. 98, pl. 18, figs 6a–b

Parakellnerites stuerzenbaumi Vörös, 2018
holotype, PAL 2017.30.1.
Anisian, Vászoly Formation
trench P-14, Vászoly
VöA18, p. 90, pl. 14, fig. 1

Parakellnerites stuerzenbaumi Vörös, 2018
paratype, M.89.83
Anisian, Vászoly Formation
bed 16/A, trench P-11/a, Vászoly
VöA18, p. 90, pl. 14, figs 4a–b

Parakellnerites stuerzenbaumi Vörös, 2018
paratype, M.89.86
Anisian, Vászoly Formation
bed 16/A, trench P-11/a, Vászoly
VöA18, p. 90, pl. 14, fig. 3

Parakellnerites stuerzenbaumi Vörös, 2018
paratype, PAL 2017.28.1.
Anisian, Vászoly Formation
bed 111/E, Felsőörs
VöA18, p. 90, pl. 13, figs 6a–b

Parakellnerites stuerzenbaumi Vörös, 2018
paratype, PAL 2017.29.1.
Anisian, Vászoly Formation
bed 111/F, Felsőörs
VöA18, p. 90, pl. 13, fig. 5

Parakellnerites stuerzenbaumi Vörös, 2018
paratype, PAL 2017.31.1.
Anisian, Vászoly Formation
bed 111/F, Felsőörs
VöA18, p. 90, pl. 14, figs 2a–b

Stoppaniceras budaii Vörös, 2018
holotype, M.87.42
Anisian, Vászoly Formation
bed 16/A, trench P-11/a, Vászoly
VöA18, p. 107, text-figs 60–61, pl. 27, figs 3a–b

Stoppaniceras budaii Vörös, 2018
paratype, PAL 2017.37.1.
Anisian, Vászoly Formation
bed 111, Felsőörs
VöA18, p. 107, pl. 27, figs 2a–b

Stoppaniceras hermanni Vörös, 2018
holotype, M.98.16
Anisian, Vászoly Formation
bed 16/A, trench P-11/a, Vászoly
VöA18, p. 106, pl. 26, figs 5a–b

Stoppaniceras hermanni Vörös, 2018
paratype, PAL 2017.36.1.
Anisian, Vászoly Formation
trench P-17, Vászoly
VöA18, p. 106, pl. 27, figs 1a–b

Stoppaniceras rieberi Vörös, 2018
holotype, M.98.26
Anisian, Vászoly Formation
bed 116, Felsőörs
VöA18, p. 103, pl. 25, figs 3a–b

Stoppaniceras rieberi Vörös, 2018
paratype, M.98.27
Anisian, Vászoly Formation
bed 116, Felsőörs
VöA18, p. 103, pl. 25, fig. 7

Stoppaniceras rieberi Vörös, 2018
paratype, PAL 2017.33.1.
Anisian, Vászoly Formation
bed 111/I, Felsőörs
VöA18, p. 103, pl. 25, figs 4a–b

Stoppaniceras rieberi Vörös, 2018
paratype, PAL 2017.34.1.
Anisian, Vászoly Formation
bed 112, Felsőörs
VöA18, p. 103, pl. 25, fig. 6

Stoppaniceras rieberi Vörös, 2018
paratype, PAL 2017.35.1.
Anisian, Vászoly Formation
bed 112, Felsőörs
VöA18, p. 103, pl. 25, fig. 5

2. Jurassic types

2.1. Jurassic Bivalvia

Pholadomya schafarziki Papp, 1907
holotype, M.63.3198
Callovian–Oxfordian, "limestone"
Gunib, Daghestan, Russia
Pap07, p. 155, pl. 3, figs 1, 1a–b
Pholadomya (*Bucardiomya*) *lirata*, Gal08
Type figured in Galácz & Szente 2008: pl. 4, figs 1–4

Pleuromya merzbacheri Papp, 1907
holotype, M.63.3616
Callovian
Psebay, Kuban, Russia
Pap07, p. 158, pl. 4, figs 2, 2a–c
Pleuromya alduini, Gal08
Type figured in Galácz & Szente 2008: pl. 4, figs 8–9

2.2. Jurassic Gastropoda

Adeorbisina procera Szabó, 1981
paratypes, PAL 2018.34.1., PAL 2018.35.1., PAL 2018.36.1–4.
Bajocian, fissure-filling of Csókakő Limestone Formation?
Som-hegy, Bakonybél
Sza81, p. 63
Mariottia gibbosa, Con87

Anoptychia hastata Szabó, 1983
paratype, PAL 2018.37.1.
Bajocian, fissure-filling of Csókakő Limestone Formation?
Som-hegy, Bakonybél
Sza83, p. 34

Bakonyia planapex Szabó, 1981
paratypes, PAL 2018.38.1–2., PAL 2018.39.1–2., PAL 2018.40.1–2.
Bajocian, fissure-filling of Csókakő Limestone Formation?
Som-hegy, Bakonybél
Sza81, p. 61

Bathrotomaria mandokii Szabó, 1980
paratype, PAL 2018.41.1.
Bajocian, fissure-filling of Csókakő Limestone Formation?
Som-hegy, Bakonybél
Sza80, p. 61

Dimorphotectus unicarinatus Szabó, 1981
paratypes, PAL 2018.42.1–3., PAL 2018.43.3–4.
Bajocian, fissure-filling of Csókakő Limestone Formation?
Som-hegy, Bakonybél
Sza81, p. 58

Eucycloidea galaczi Szabó, 1983
paratypes, PAL 2018.43.5., PAL 2018.45.1–3., PAL 2018.46.1–2., PAL 2018.47.1., PAL 2018.48.1.
Bajocian, fissure-filling of Csókakő Limestone Formation?
Som-hegy, Bakonybél
Sza83, p. 42

Eucycloidea galaczi Szabó, 1983
paratype, PAL 2018.44.1.
Bajocian, fissure-filling of Csókakő Limestone Formation?
Som-hegy, Bakonybél
Sza83, p. 42, pl. 3, fig. 8

Laevitomaria danii Szabó, 2009
holotype, M 2008.542.1.
Pliensbachian, Hierlatz Limestone Formation
Fenyveskút, Lókút
Sza09, p. 49, figs 43a–c

Leptomaria somhegyensis Szabó, 1980
paratype, PAL 2018.49.1.
Bajocian, fissure-filling of Csókakő Limestone Formation?
Som-hegy, Bakonybél
Sza80, p. 59, pl. 3, fig. 2
Trochotomaria somhegyensis, Con87

Leptomaria somhegyensis Szabó, 1980
paratypes, PAL 2018.50.1–4.
Bajocian, fissure-filling of Csókakő Limestone Formation?
Som-hegy, Bakonybél
Sza80, p. 59
Trochotomaria somhegyensis, Con87

Neritopsis (*Neritopsis*) *spinigera* Szabó, 1982
paratypes, PAL 2018.51.1., PAL 2018.52.1., PAL 2018.54.1–6., PAL 2018.58.1.
Bajocian, fissure-filling of Csókakő Limestone Formation?
Som-hegy, Bakonybél
Sza82, p. 19

Neritopsis (*Neritopsis*) *spinigera* Szabó, 1982
paratypes, PAL 2018.53.1–17.
Bajocian, fissure-filling of Csókakő Limestone Formation?
Som-hegy, Bakonybél
Sza82, p. 19, pl. 1, fig. 12

Neritopsis (*Neritopsis*) *spinigera* Szabó, 1982
paratype, PAL 2018.55.1.
Bajocian, fissure-filling of Csókakő Limestone Formation?
Som-hegy, Bakonybél
Sza82, p. 19, pl. 1, figs 15–16

Neritopsis (*Neritopsis*) *spinigera* Szabó, 1982
paratype, PAL 2018.56.1.
Bajocian, fissure-filling of Csókakő Limestone Formation?
Som-hegy, Bakonybél
Sza82, p. 19, pl. 1, figs 13–14

Neritopsis (*Neritopsis*) *spinigera* Szabó, 1982
paratype, PAL 2018.57.1.
Bajocian, fissure-filling of Csókakő Limestone Formation?
Som-hegy, Bakonybél
Sza82, p. 19, pl. 1, figs 17–18

Ochetochilus piceus Szabó, 1983
paratypes, PAL 2018.59.1–2.
Bajocian, fissure-filling of Csókakő Limestone Formation?
Som-hegy, Bakonybél
Sza83, p. 43, pl. 3, figs 1–3
Telleria (*Telleria*) *picea*, Con87

Pietteia trispinigera Szabó, 1983
paratypes, PAL 2018.60.1–2., PAL 2018.61.1–2.
Bajocian, fissure-filling of Csókakő Limestone Formation?
Som-hegy, Bakonybél
Sza83, p. 40
Pietteia (*Trietteia*) *trispinigera*, Con87

Procerithium? (*Cosmocerithium*?) *angulocostatum* Szabó, 1983
paratypes, PAL 2018.62.1–2.
Bajocian, fissure-filling of Csókakő Limestone Formation?
Som-hegy, Bakonybél
Sza83, p. 39
Diatrypesis angulocostatum, Con87

Proconulus epuliformis Szabó, 1981
paratype, PAL 2018.63.1.
Bajocian, fissure-filling of Csókakő Limestone Formation?
Som-hegy, Bakonybél
Sza81, p. 56, pl. 1, figs 7–8
Type figured in Conti & Szabó 1987: fig. 1e

Proconulus epuliformis Szabó, 1981
paratypes, PAL 2018.64.1–13., PAL 2018.65.1., PAL 2018.66.1–11., PAL 2018.67.1–7., PAL 2018.68.1–2., PAL 2018.69.1–4.
Bajocian, fissure-filling of Csókakő Limestone Formation?
Som-hegy, Bakonybél
Sza81, p. 56

Proconulus rimosus Szabó, 1981
paratypes, PAL 2018.70.1–2., PAL 2018.71.1–4., PAL 2018.72.1., PAL 2018.73.1–13., PAL 2018.74.1., PAL 2018.75.1., PAL 2018.76.1–11., PAL 2018.79.1–3.
Bajocian, fissure-filling of Csókakő Limestone Formation?
Som-hegy, Bakonybél
Sza81, p. 57
Proconulus baldensis, Con87

Proconulus rimosus Szabó, 1981
paratypes, PAL 2018.77.1–6.
Bajocian, fissure-filling of Csókakő Limestone Formation?
Som-hegy, Bakonybél
Sza81, p. 57
Proconulus baldensis, Con87
One of the paratypes figured in Conti & Szabó 1987: fig. 2

Proconulus rimosus Szabó, 1981
paratype, PAL 2018.78.1.
Bajocian, fissure-filling of Csókakő Limestone Formation?
Som-hegy, Bakonybél
Sza81, p. 57
Proconulus baldensis, Con87
Type figured in Conti & Szabó 1987: fig. 2

Pyrgotrochus? *problematicus* Szabó, 1980
paratype, PAL 2018.80.1.
Bajocian, fissure-filling of Csókakő Limestone Formation?
Som-hegy, Bakonybél
Sza80, p. 63
Laevitomaria problematica, Con87
Type figured under inventory number INV.2012.15.1 in Gatto *et al.* 2015: fig. $2c_{1-3}$

Pyrgotrochus? *problematicus* Szabó, 1980
paratype, PAL 2018.80.2.
Bajocian, fissure-filling of Csókakő Limestone Formation?
Som-hegy, Bakonybél
Sza80, p. 63
Laevitomaria problematica, Con87
Type figured under inventory number INV.2012.15.2 in Gatto *et al*. 2015: fig. 2d$_{1-3}$

Pyrgotrochus? *problematicus* Szabó, 1980
paratype, PAL 2018.80.3.
Bajocian, fissure-filling of Csókakő Limestone Formation?
Som-hegy, Bakonybél
Sza80, p. 63
Laevitomaria problematica, Con87
Type figured under inventory number INV.2012.15.3 in Gatto *et al*. 2015: fig. 2b

Pyrgotrochus? *problematicus* Szabó, 1980
paratypes, PAL 2018.80.4–7., PAL 2018.81.1–6., PAL 2018.82.1., PAL 2018.83.1.
Bajocian, fissure-filling of Csókakő Limestone Formation?
Som-hegy, Bakonybél
Sza80, p. 63
Laevitomaria problematica, Con87

Trochopsidea kondai Szabó, 1981
paratypes, PAL 2018.84.1., PAL 2018.85.1–4., PAL 2018.86.1–11., PAL 2018.87.1–5.
Bajocian, fissure-filling of Csókakő Limestone Formation?
Som-hegy, Bakonybél
Sza81, p. 62

Ventricaria? *vesicula* Szabó, 1983
paratypes, PAL 2018.88.1–2.
Bajocian, fissure-filling of Csókakő Limestone Formation?
Som-hegy, Bakonybél
Sza83, p. 30, pl. 1, fig. 10

Ventricaria? *vesicula* Szabó, 1983
paratypes, PAL 2018.89.1–2.
Bajocian, fissure-filling of Csókakő Limestone Formation?
Som-hegy, Bakonybél
Sza83, p. 30, pl. 1, figs 8–9

Zircia zircensis Szabó, 1981
paratypes, PAL 2018.90.1–2., PAL 2018.91.1., PAL 2018.92.1., PAL 2018.93.1.
Bajocian, fissure-filling of Csókakő Limestone Formation?
Som-hegy, Bakonybél
Sza81, p. 64

2.3. Jurassic Cephalopoda

Perisphinctes daghestanicus Papp, 1907
holotype, M.63.3304A
Bajocian, "lower dark shale"
Gunib, Daghestan, Russia
Pap07, p. 166, pl. 7, figs 3, 3a
Prorsisphinctes loczyi, Gal08
Type figured in Galácz & Szente 2008: pl. 3, fig. 7, specimen found in collection in 2008

Perisphinctes lóczyi Papp, 1907
lectotype, M.63.3301A
Bajocian, "lower dark shale"
Gunib, Daghestan, Russia
Pap07, p. 165, pl. 7, fig. 1
Prorsisphinctes loczyi, Gal08
Lectotype designated and figured in Galácz & Szente 2008: p. 114, pl. 3, figs 1–2

Perisphinctes lóczyi Papp, 1907
paralectotype, M.63.3301B
Bajocian, "lower dark shale"
Gunib, Daghestan, Russia
Pap07, p. 165, pl. 7, figs 2, 2a–b
Prorsisphinctes loczyi, Gal08
Paralectotype No. 1 figured in Galácz & Szente 2008: pl. 3, figs 5–6

Perisphinctes lóczyi Papp, 1907
paralectotype, M.63.3208
Bajocian, "lower dark shale"
Gunib, Daghestan, Russia
Pap07, p. 165
Prorsisphinctes loczyi, Gal08
Counterpart of paralectotype No. 1, specimen found in collection in 2008

Perisphinctes lóczyi Papp, 1907
paralectotype, M.63.3304A
Bajocian, "lower dark shale"
Gunib, Daghestan, Russia
Pap07, p. 165
Prorsisphinctes loczyi, Gal08
Paralectotype No. 2 figured in Galácz & Szente 2008: pl. 3, fig. 7, specimen found in collection in 2008

Perisphinctes lóczyi Papp, 1907
paralectotype, M.63.3304B
Bajocian, "lower dark shale"
Gunib, Daghestan, Russia
Pap07, p. 165
Prorsisphinctes loczyi, Gal08
Paralectotype No. 3, specimen found in collection in 2008

Simoceras agostyani Főzy & Scherzinger, 2013
holotype, PAL 2013.26.1.
Tithonian, Szentiványhegy Limestone Formation
bed 12, section I, Szomód
Főz13, p. 254, pl. 27, figs 1a–b
Original species name emended here as *agostyanense*

Simoceras szentei Főzy & Scherzinger, 2011
holotype, PAL 2011.4.1.
Tithonian, Szentiványhegy Limestone Formation
bed 5, Paprét-árok, Süttő
Főz11, p. 124, figs 5.1, 6.2

Stephanoceras liechtensteinii Papp, 1907
holotype, M.63.3610
Bajocian, "dark ferruginous limestone boulder"
Fiagdon Creek, west of Vladikavkaz, Russia
Pap07, p. 163, pl. 6, fig. 4
Type figured in Galácz & Szente 2008: pl. 2, figs 5–6

Virgatosimoceras dunaii Scherzinger, Főzy & Parent, 2010
holotype, M.92.749
Tithonian, Pálihálás Limestone Formation
bed 47, Lókúti-domb, Lókút
ScA10, p. 201, figs 4.1a–b

2.4. Jurassic Brachiopoda

Apringia barnabasi Vörös, 2009
holotype, 2007.121.1.
Pliensbachian, Hierlatz Limestone Formation
bed 26, Kericser section, Lókút
VöA09, p. 45, pl. 1, figs 6a–c

Apringia barnabasi Vörös, 2009
paratype, 2007.122.1.
Pliensbachian, Hierlatz Limestone Formation
bed 16, Kericser section, Lókút
VöA09, p. 45, pl. 1, figs 7a–c

Cirpa alkayae Vörös, 2014
holotype, PAL 2014.137.1.
Pliensbachian, Bayırköy Formation
Beytepe (Lodumlu), Ankara area, Turkey
VöA14b, p. 19, figs 17–20

Cirpa alkayae Vörös, 2014
paratype, PAL 2014.138.1.
Pliensbachian, Bayırköy Formation
Beytepe (Lodumlu), Ankara area, Turkey
VöA14b, p. 19, fig. 23

Fenyveskutella pseudouhligi Vörös, 2009
holotype, 2007.229.1.
Pliensbachian, Tűzkövesárok Limestone Formation
basal layer, Fg-I, Gombáspuszta, Szentgál
VöA09, p. 90, pl. 10, figs 9a–c

Fenyveskutella pseudouhligi Vörös, 2009
paratype, 2007.228.1.
Pliensbachian, Hierlatz Limestone Formation
Kericser section, Lókút
VöA09, p. 90, pl. 10, figs 8a–c

Fenyveskutella theresiae Vörös, 2009
holotype, 2007.231.1.
Pliensbachian, Hierlatz Limestone Formation
grab sample É, Fenyveskút, Lókút
VöA09, p. 91, pl. 10, figs 11a–c

Fenyveskutella vighi Vörös, 2009
holotype, 2007.221.1.
Pliensbachian, Hierlatz Limestone Formation
grab sample p1, Fenyveskút, Lókút
VöA09, p. 88, pl. 10, figs 1a–c

Fenyveskutella vighi Vörös, 2009
paratype, 2007.222.1.
Pliensbachian, Hierlatz Limestone Formation
grab sample É, Fenyveskút, Lókút
VöA09, p. 88, pl. 10, figs 2a–c

Karadagella szentei Vörös, 2013
holotype, PAL 2013.1.1.
Oxfordian, Pálihálás Limestone Formation?
Velka Skala, Kétágú-hegy, Kesztölc
VöA13, p. 384, pl. 1, figs 6a–c

Karadagella szentei Vörös, 2013
paratype, PAL 2013.2.1.
Oxfordian, Pálihálás Limestone Formation?
Velka Skala, Kétágú-hegy, Kesztölc
VöA13, p. 384, text-fig. 4

Paronarhynchia estherae Vörös, 2009
holotype, 2007.237.1.
Pliensbachian, Hierlatz Limestone Formation
grab sample p2, Fenyveskút, Lókút
VöA09, p. 101, pl. 11, figs 1a–c

Paronarhynchia estherae Vörös, 2009
paratype, 2007.239.1.
Pliensbachian, Hierlatz Limestone Formation
grab sample p1, Fenyveskút, Lókút
VöA09, p. 101, pl. 11, figs 3a–c

Prionorhynchia? *catharinae* Vörös, 2009
holotype, 2007.192.1.
Pliensbachian, Hierlatz Limestone Formation
grab sample D, Fenyveskút, Lókút
VöA09, p. 70, pl. 8, figs 6a–c

Rhapidothyris lokutica Vörös, 2009
holotype, M 2008.391.1.
Pliensbachian, Hierlatz Limestone Formation
bed 8, Kericser section, Lókút
VöA09, p. 145, pl. 16, figs 4a–c

Rhapidothyris lokutica Vörös, 2009
paratype, M 2008.390.1.
Pliensbachian, Isztimér Limestone Formation
bed 3, Büdöskút, Gyulafirátót, Veszprém
VöA09, p. 145, pl. 16, figs 3a–c

3. Cretaceous types

3.1. Cretaceous Cephalopoda

Ancyloceras capellini Matheron, 1880
holotype, M.62.3
Barremian
Clumanc, France
Mat80, pl. C-24, figs 1a–b
Heteroceras? *capellini*, Kle07
Specimen previously in permanent exhibition of the museum, returned to collection in 2013

?*Chigaroceras szomodi* Szives & Főzy, 2013
holotype, PAL 2013.29.1.
Berriasian, Szentivánhegy Limestone Formation
bed 10, section I, Szomód
Szi13, p. 319, pl. 6, figs 1a–b
Original species name emended here as *szomodense*

3.2. Cretaceous Brachiopoda

Sphenope bifida Vörös, 2014
holotype, PAL 2013.27.1.
Berriasian, Szentivánhegy Limestone Formation
bed 41, Szilas-árok, Borzavár
VöA14a, p. 9, figs 26–28

Sphenope bifida Vörös, 2014
paratype, PAL 2013.28.1.
Berriasian, Szentivánhegy Limestone Formation
bed 41, Szilas-árok, Borzavár
VöA14a, p. 9, fig. 36

3.3. Cretaceous Crinoidea

Apsidocrinus doreckae Konieczyński, Pisera & Főzy, 2016
holotype, PAL 2016.8.1.
Barremian, Bersek Marl Formation
bed 252, Bersek-hegy, Lábatlan
KPF16, p. 162, figs 4l–m

Apsidocrinus doreckae Konieczyński, Pisera & Főzy, 2016
paratype, PAL 2016.9.1.
Barremian, Bersek Marl Formation
bed 252, Bersek-hegy, Lábatlan
KPF16, p. 162, fig. 4n

Phyllocrinus bersekensis Konieczyński, Pisera & Főzy, 2016
holotype, PAL 2016.6.1.
Barremian, Bersek Marl Formation
bed 257, Bersek-hegy, Lábatlan
KPF16, p. 157, figs 3k–l

Phyllocrinus bersekensis Konieczyński, Pisera & Főzy, 2016
paratype, PAL 2016.7.1.
Barremian, Bersek Marl Formation
bed 258, Bersek-hegy, Lábatlan
KPF16, p. 157, fig. 3i

3.4. Cretaceous Echinoidea

Absurdaster hungaricus Kroh, Lukeneder & Gallemí, 2014
holotype, PAL 2013.30.1.
Hauterivian, Bersek Marl Formation
bed 221, Bersek-hegy, Lábatlan
Kro14, p. 244, figs 5.3, 6.3a–b, 7.1a–c, 8.1a–b

Absurdaster hungaricus Kroh, Lukeneder & Gallemí, 2014
paratype, PAL 2013.31.1.
Hauterivian, Bersek Marl Formation
bed 226, Bersek-hegy, Lábatlan
Kro14, p. 244, figs 7.2, 8.2

Absurdaster hungaricus Kroh, Lukeneder & Gallemí, 2014
paratype, PAL 2013.32.1.
Hauterivian, Bersek Marl Formation
bed 228, Bersek-hegy, Lábatlan
Kro14, p. 244, figs 5.4, 6.4a–b, 7.3a–c, 8.3

Absurdaster hungaricus Kroh, Lukeneder & Gallemí, 2014
paratype, PAL 2013.33.1.
Hauterivian, Bersek Marl Formation
bed 233, Bersek-hegy, Lábatlan
Kro14, p. 244, figs 7.4a–b, 9a–c

4. Eocene types

4.1. Eocene Foraminiferida

Globigerina applanata Hantken, 1883
lectotype, M.72.553
Priabonian, "marl"
l'Escarène (Scarena), France
Han83a (Han83b), p. 132 (11), pl. 2, figs 7a–c
Turborotalia applanata, Szt73
Lectotype designated and figured in Sztrákos 1973: p. 224, pl. 1, figs 3a–c. Type found in collection in 2009

Globigerina applanata Hantken, 1883
paralectotype, M.72.554
Priabonian, "marl"
l'Escarène (Scarena), France
Han83a (Han83b), p. 132 (11)
Turborotalia applanata, Szt73
Type figured in Sztrákos 1973: pl. 1, figs 4a–c. Type found in collection in 2009

Globigerina applanata Hantken, 1883
paralectotype, M.72.555
Priabonian, "marl"
l'Escarène (Scarena), France
Han83a (Han83b), p. 132 (11)
Turborotalia applanata, Szt73
Type figured in Sztrákos 1973: pl. 1, figs 5a–c. Type found in collection in 2009

Globigerina applanata Hantken, 1883
paralectotypes, M.72.556, M.72.557, M.72.558
Priabonian, "marl"
l'Escarène (Scarena), France
Han83a (Han83b), p. 132 (11)
Turborotalia applanata, Szt73
Types found in collection in 2009

Globigerina globosa Hantken, 1883
neotype, M.72.548
Priabonian, "marl"
l'Escarène (Scarena), France
Han83a (Han83b), p. 132 (11) (pl. 2, figs 3a–b)
Globigerinatheca globosa, Szt73
Neotype designated and figured in Sztrákos 1973: p. 228, pl. 2, figs 1a–c. Type found in collection in 2009

4.2. Eocene Polyplacophora

Lepidochitona viciani Dell'Angelo, Sosso, Kroh & Dulai, 2015
paratype, PAL 2013.34.1.
Lutetian–Bartonian, Kincses Formation
roadcut at the vineries, Gánt
Del15, p. 363
Head valve

Lepidochitona viciani Dell'Angelo, Sosso, Kroh & Dulai, 2015
paratype, PAL 2013.35.1.
Lutetian–Bartonian, Kincses Formation
roadcut at the vineries, Gánt
Del15, p. 363
Intermediate valve

Lepidochitona viciani Dell'Angelo, Sosso, Kroh & Dulai, 2015
paratype, PAL 2013.36.1
Lutetian–Bartonian, Kincses Formation
roadcut at the vineries, Gánt
Del15, p. 363, figs 5g–i, 6d
Tail valve

4.3. Eocene Brachiopoda

Magellania hantkeni Meznerics, 1944
neotype, M 2009.568.1.
Lutetian, Szőc Limestone Formation
Öreg-hegy quarry, Csojjányos-völgy, Kislőd
Mez44, p. 46 (pl. 3, figs 13–16, pl. 5, figs 21–23)
Meznericsia hantkeni, Bit11
Neotype designated and figured in Bitner *et al.* 2011: p. 121, figs 6g–i

Rugia zagorseki Dulai, 2011
holotype, M 2010.281.1.
Priabonian, Perwang Formation
2377.5 m, borehole Perwang-1, Austria
Dul11a, p. 302, figs 6e–f

Rugia zagorseki Dulai, 2011
paratype, M 2010.278.1.
Priabonian, Perwang Formation
3194 m, borehole Helmberg-1, Austria
Dul11a, p. 302, fig. 6a

Rugia zagorseki Dulai, 2011
paratype, M 2010.279.1.
Priabonian, Perwang Formation
3194 m, borehole Helmberg-1, Austria
Dul11a, p. 302, figs 6b–c

Rugia zagorseki Dulai, 2011
paratype, M 2010.280.1.
Priabonian, Perwang Formation
2083.5 m, borehole Perwang-1, Austria
Dul11a, p. 302, fig. 6d

Terebratulina johansenae Dulai, 2011
holotype, M 2010.275.1.
Priabonian, Perwang Formation
2073 m, borehole Perwang-1, Austria
Dul11a, p. 300, fig. 5f

Terebratulina johansenae Dulai, 2011
paratype, M 2010.270.1.
Priabonian, Perwang Formation
2054.5 m, borehole Perwang-1, Austria
Dul11a, p. 300, fig. 5a

Terebratulina johansenae Dulai, 2011
paratype, M 2010.271.1.
Priabonian, Perwang Formation
2054.5 m, borehole Perwang-1, Austria
Dul11a, p. 300, fig. 5b

Terebratulina johansenae Dulai, 2011
paratype, M 2010.272.1.
Priabonian, Perwang Formation
2073 m, borehole Perwang-1, Austria
Dul11a, p. 300, fig. 5c

Terebratulina johansenae Dulai, 2011
paratype, M 2010.273.1.
Priabonian, Perwang Formation
2073 m, borehole Perwang-1, Austria
Dul11a, p. 300, fig. 5d

Terebratulina johansenae Dulai, 2011
paratype, M 2010.274.1.
Priabonian, Perwang Formation
2073 m, borehole Perwang-1, Austria
Dul11a, p. 300, fig. 5e

Terebratulina johansenae Dulai, 2011
paratype, M 2010.276.1.
Priabonian, Perwang Formation
3190 m, borehole Helmberg-1, Austria
Dul11a, p. 300, fig. 5g

Terebratulina johansenae Dulai, 2011
paratype, M 2010.277.1.
Priabonian, Perwang Formation
2054.5 m, borehole Perwang-1, Austria
Dul11a, p. 300, fig. 5h

5. Oligocene types

5.1. Oligocene Gastropoda

Cypraeorbis hungarica Schilder, 1932
neotype, M.63.3093
Egerian, Eger Formation
Wind brickyard, Eger
ScF32, p. 261
Specimen figured in Báldi 1973 (pl. 34, fig. 4) as *Zonaria globosa*. Neotype designated in Kovács & Vicián 2016: p. 236

Dorsanum strigoniense Kovács & Vicián, 2016
holotype, PAL 2016.1.1.
Egerian, Törökbálint Formation
Szentgyörgymező, Esztergom
Kov16, p. 240, pl. 4, figs 11–13

Dorsanum strigoniense Kovács & Vicián, 2016
paratype, PAL 2016.2.1.
Egerian, Törökbálint Formation
Szentgyörgymező, Esztergom
Kov16, p. 240, pl. 4, figs 14–15

Dorsanum strigoniense Kovács & Vicián, 2016
paratype, PAL 2016.3.1.
Egerian, Törökbálint Formation
Szentgyörgymező, Esztergom
Kov16, p. 240, pl. 4, fig. 16

Dorsanum strigoniense Kovács & Vicián, 2016
paratypes, PAL 2016.4.1., PAL 2016.5.1.
Egerian, Törökbálint Formation
Szentgyörgymező, Esztergom
Kov16, p. 240

Merica krocki Kovács & Vicián, 2016
holotype, PAL 2016.13.1.
Egerian, Törökbálint Formation
Szentgyörgymező, Esztergom
Kov16, p. 241, pl. 5, figs 1–2

Merica krocki Kovács & Vicián, 2016
paratype, PAL 2016.14.1.
Egerian, Törökbálint Formation
Szentgyörgymező, Esztergom
Kov16, p. 241, pl. 5, figs 5–6

Pugilina katalinae Kovács & Vicián, 2016
holotype, PAL 2016.10.1.
Egerian, Törökbálint Formation
Szentgyörgymező, Esztergom
Kov16, p. 236, pl. 3, figs 2–3

Pugilina katalinae Kovács & Vicián, 2016
paratype, PAL 2016.11.1.
Egerian, Törökbálint Formation
Szentgyörgymező, Esztergom
Kov16, p. 236, pl. 3, figs 4–5

Pugilina katalinae Kovács & Vicián, 2016
paratype, PAL 2016.12.1.
Egerian, Törökbálint Formation
Szentgyörgymező, Esztergom
Kov16, p. 236, pl. 3, fig. 1

Sveltia nemethi Kovács & Vicián, 2016
holotype, PAL 2016.15.1.
Egerian, Törökbálint Formation
Szentgyörgymező, Esztergom
Kov16, p. 240, pl. 4, figs 25–26

5.2. Oligocene Decapoda

Calappa tridentata Beurlen, 1939
syntype, M.59.4676
Kiscellian, Kiscell Clay Formation
Újlaki brickyard, Kiscell, Budapest
Beu39, p. 150, text-fig. 5
Calappilia tridentata, Hyž14

Calappa tridentata Beurlen, 1939
syntypes, M.59.4679
Kiscellian, Kiscell Clay Formation
Újlaki brickyard, Kiscell, Budapest
Beu39, p. 150, text-fig. 5
Calappilia tridentata, Hyž14
One of the syntypes figured in Hyžný 2016: fig. 8b

Calappa tridentata Beurlen, 1939
syntypes, M.59.4681
Kiscellian, Kiscell Clay Formation
Újlaki brickyard, Kiscell, Budapest
Beu39, p. 150, text-fig. 5, pl. 7, fig. 9
Calappilia tridentata, Hyž14
One of the syntypes figured in Busulini *et al.* 2014: pl. 3, fig. 8

Calappa tridentata Beurlen, 1939
syntype, M.60.758
Kiscellian, Kiscell Clay Formation
Újlaki brickyard, Kiscell, Budapest
Beu39, p. 150, text-fig. 5, pl. 7, fig. 10
Calappilia tridentata, Hyž14

Callianassa brevimanus Beurlen, 1939
lectotype, M.59.4684A
Kiscellian, Kiscell Clay Formation
Újlaki brickyard, Kiscell, Budapest
Beu39, p. 142, text-fig. 2
Lepidophthalmus crateriferus, Hyž14
Lectotype designated and figured in Hyžný & Dulai 2014: p. 952, figs 2c$_{1–3}$. Lectotype of *Callianassa brevimanus* selected to be the simultaneous neotype of *Callianassa craterifera*, which action makes *C. brevimanus* an objective junior synonym of *C. craterifera*

Callianassa brevimanus Beurlen, 1939
paralectotypes, M.59.4683
Kiscellian, Kiscell Clay Formation
Újlaki brickyard, Kiscell, Budapest
Beu39, p. 142, text-fig. 2, pl. 7, figs 5, 6
Lepidophthalmus crateriferus, Hyž14
One of the paralectotypes figured in Hyžný & Dulai 2014: fig. 2e

Callianassa brevimanus Beurlen, 1939
paralectotype, M.59.4684B
Kiscellian, Kiscell Clay Formation
Újlaki brickyard, Kiscell, Budapest
Beu39, p. 142, text-fig. 2
Lepidophthalmus crateriferus, Hyž14
Type figured in Hyžný & Dulai 2014: fig. 2a

Callianassa brevimanus Beurlen, 1939
paralectotypes, M.59.4685
Kiscellian, Kiscell Clay Formation
Újlaki brickyard, Kiscell, Budapest
Beu39, p. 142, text-fig. 2
Lepidophthalmus crateriferus, Hyž14

Callianassa brevimanus Beurlen, 1939
paralectotypes, M.59.4690
Kiscellian, Kiscell Clay Formation
Újlaki brickyard, Kiscell, Budapest
Beu39, p. 142, text-fig. 2
Lepidophthalmus crateriferus, Hyž14
Types originally treated as *Callianassa nuda*.
One of the paralectotypes figured in Hyžný & Dulai 2014: fig. 2b

Callianassa craterifera Lőrenthey *in* Lőrenthey & Beurlen, 1929
neotype, M.59.4684A
Kiscellian, Kiscell Clay Formation
Újlaki brickyard, Kiscell, Budapest
Lőr29, p. 61 (pl. 2, figs 12a–c)
Lepidophthalmus crateriferus, Hyž14
Genus name in original publication written as *Calianassa*. Neotype designated and figured in Hyžný & Dulai 2014: p. 952, figs 2c$_{1–3}$

Callianassa nuda Beurlen, 1939
paralectotype, M.59.4682
Kiscellian, Kiscell Clay Formation
Újlaki brickyard, Kiscell, Budapest
Beu39, p. 144, text-fig. 3
Ctenocheles rupeliensis, Hyž14
Type figured in Hyžný & Dulai 2014: fig. 5d

Callianassa nuda Beurlen, 1939
paralectotype, M.59.4686
Kiscellian, Kiscell Clay Formation
Újlaki brickyard, Kiscell, Budapest
Beu39, p. 144, text-fig. 3
Ctenocheles rupeliensis, Hyž14

Callianassa nuda Beurlen, 1939
paralectotypes, M.59.4689
Kiscellian, Kiscell Clay Formation
Újlaki brickyard, Kiscell, Budapest
Beu39, p. 144, text-fig. 3
Ctenocheles rupeliensis, Hyž14
One of the paralectotypes figured in Hyžný & Dulai 2014: fig. 5b, inventory number given erroneously in figure caption as M.59.4869

Callianassa nuda Beurlen, 1939
paralectotype, M.59.4691
Kiscellian, Kiscell Clay Formation
Újlaki brickyard, Kiscell, Budapest
Beu39, p. 144, text-fig. 3
Ctenocheles rupeliensis, Hyž14
Type figured in Hyžný & Dulai 2014: fig. 5c. Type figured also in Hyžný & Klompmaker 2015: fig. 9h

Homarus hungaricus Tshudy, Hyžný, Dulai & Jagt, 2018
holotype, PAL 2015.1.1.
Egerian, Mány Formation
401.2–406.7 m, borehole Mány-14, Mány
Tsh18, p. 171, figs 2–3

Plagiolophus sulcatus Beurlen, 1939
holotype, M.59.4692
Kiscellian, Kiscell Clay Formation
Újlaki brickyard, Kiscell, Budapest
Beu39, p. 155, pl. 7, fig. 11
Glyphithyreus sulcatus, Hyž14

Thaumastocheles rupeliensis Beurlen, 1939
lectotype, M.59.4694A
Kiscellian, Kiscell Clay Formation
Újlaki brickyard, Kiscell, Budapest
Beu39, p. 137, text-fig. 1
Ctenocheles rupeliensis, Hyž14
Lectotype designated and figured in Hyžný & Dulai 2014: p. 956, fig. 4b. Type refigured in Hyžný 2016: fig. 8a. Inventory number given erroneously in figure captions of both publications as M.59.4696A

Thaumastocheles rupeliensis Beurlen, 1939
paralectotypes, M.59.4693, M.59.4697, M.59.4705, M.59.4707, M.59.4708, M.59.4712
Kiscellian, Kiscell Clay Formation
Újlaki brickyard, Kiscell, Budapest
Beu39, p. 137, text-fig. 1
Ctenocheles rupeliensis, Hyž14

Thaumastocheles rupeliensis Beurlen, 1939
paralectotype, M.59.4694B
Kiscellian, Kiscell Clay Formation
Újlaki brickyard, Kiscell, Budapest
Beu39, p. 137, text-fig. 1
Ctenocheles rupeliensis, Hyž14
Type figured in Hyžný & Dulai 2014: fig. 6c

Thaumastocheles rupeliensis Beurlen, 1939
paralectotype, M.59.4696
Kiscellian, Kiscell Clay Formation
Újlaki brickyard, Kiscell, Budapest
Beu39, p. 137, text-fig. 1, pl. 7, fig. 2
Ctenocheles rupeliensis, Hyž14
Type figured in Hyžný & Dulai 2014: fig. 4d. Type refigured in Hyžný 2016: fig. 8c

Thaumastocheles rupeliensis Beurlen, 1939
paralectotypes, M.59.4700
Kiscellian, Kiscell Clay Formation
Újlaki brickyard, Kiscell, Budapest
Beu39, p. 137, text-fig. 1
Ctenocheles rupeliensis, Hyž14
One of the paralectotypes figured in Hyžný & Dulai 2014: fig. 5a

Thaumastocheles rupeliensis Beurlen, 1939
paralectotypes, M.59.4701
Kiscellian, Kiscell Clay Formation
Újlaki brickyard, Kiscell, Budapest
Beu39, p. 137, text-fig. 1, pl. 7, fig. 1
Ctenocheles rupeliensis, Hyž14

Thaumastocheles rupeliensis Beurlen, 1939
paralectotypes, M.59.4703
Kiscellian, Kiscell Clay Formation
Újlaki brickyard, Kiscell, Budapest
Beu39, p. 137, text-fig. 1
Ctenocheles rupeliensis, Hyž14
Types figured in Hyžný & Dulai 2014: fig. 4c

Thaumastocheles rupeliensis Beurlen, 1939
paralectotype, M.59.4704
Kiscellian, Kiscell Clay Formation
Újlaki brickyard, Kiscell, Budapest
Beu39, p. 137, text-fig. 1
Ctenocheles rupeliensis, Hyž14
Type figured in Hyžný & Dulai 2014: fig. 4e

Thaumastocheles rupeliensis Beurlen, 1939
paralectotypes, M.59.4706
Kiscellian, Kiscell Clay Formation
Újlaki brickyard, Kiscell, Budapest
Beu39, p. 137, text-fig. 1
Ctenocheles rupeliensis, Hyž14
Types figured in Hyžný & Dulai 2014: fig. 6a

Thaumastocheles rupeliensis Beurlen, 1939
paralectotype, M.59.4709
Kiscellian, Kiscell Clay Formation
Újlaki brickyard, Kiscell, Budapest
Beu39, p. 137, text-fig. 1
Ctenocheles rupeliensis, Hyž14
Type figured in Hyžný & Dulai 2014: fig. 6b

Thaumastocheles rupeliensis Beurlen, 1939
paralectotypes, M.66.961
Kiscellian, Kiscell Clay Formation
Újlaki brickyard, Kiscell, Budapest
Beu39, p. 137, text-fig. 1
Ctenocheles rupeliensis, Hyž14
One of the paralectotypes figured in Hyžný & Dulai 2014: fig. 4a. Type figured also in Hyžný & Klompmaker 2015: fig. 9g

6. Miocene types

6.1. Miocene Bivalvia

Cardium manyense Kókay, 1967
holotype, M.66.963
Badenian, Pusztamiske Formation?
215.10–216.90 m, borehole M-6, Mány
Kók67, p. 88 (83), pl. 7, fig. 1
Type found in the legacy of the author

Pecten fotensis subplanus Kókay *in* Steininger *et al.*, 1973
paratype, PAL 2018.26.1.
Ottnangian, Bántapuszta Formation
locality I/b, Bántapuszta, Öskü
Ste73, p. 485
Type found in the legacy of the author

6.2. Miocene Gastropoda

Dermomurex (*Gracilimurex*) *nemethi* Kovács, 2018
holotype, PAL 2017.55.1.
Badenian, Sámsonháza Formation
Letkés
Kov18a, p. 32, figs 2a–b

Dorsanum (*Dorsanum*) *nodosocostatum uniseriatum* Kókay *in* Steininger *et al.*, 1973
paratype, PAL 2018.27.1.
Ottnangian, Bántapuszta Formation
175.6–180.0 m, borehole V-133, Várpalota
Ste73, p. 423, pl. 6, fig. 8b
Cyllenina uniseriata, Har04
Type found in the legacy of the author

Dorsanum (*Dorsanum*) *nodosocostatum uniseriatum* Kókay *in* Steininger *et al.*, 1973
paratype, PAL 2018.28.1.
Ottnangian, Bántapuszta Formation
175.6–180.0 m, borehole V-133, Várpalota
Ste73, p. 423, pl. 6, fig. 8c
Cyllenina uniseriata, Har04
Type found in the legacy of the author

Dorsanum (*Dorsanum*) *nodosocostatum uniseriatum* Kókay *in* Steininger *et al.*, 1973
paratype, PAL 2018.29.1.
Ottnangian, Bántapuszta Formation
175.6–180.0 m, borehole V-133, Várpalota
Ste73, p. 423, pl. 6, fig. 8d
Cyllenina uniseriata, Har04
Type found in the legacy of the author

Euthria viciani Kovács, 2018
holotype, PAL 2018.1.1.
Badenian, Pusztamiske Formation
Bánd
Kov18b, p. 179, figs 2–3

Euthria viciani Kovács, 2018
paratype, PAL 2018.2.1.
Badenian, Pusztamiske Formation
Bánd
Kov18b, p. 179, figs 8–9

Lautoconus harzhauseri Kovács *in* Vicián *et al.*, 2017
holotype, PAL 2017.49.1.
Badenian, Sámsonháza Formation
Letkés
Vic17, p. 272, pl. 3, figs 17–18
Specimen figured in Kovács & Vicián 2014 (figs 87–88) under inventory number INV 2013.213. as *Monteiroconus mercati*

Lautoconus harzhauseri Kovács *in* Vicián *et al.*, 2017
paratype, PAL 2017.50.1.
Badenian, Sámsonháza Formation
Letkés
Vic17, p. 272, pl. 3, figs 19–20

Lautoconus harzhauseri Kovács *in* Vicián *et al.*, 2017
paratypes, PAL 2017.51.1., PAL 2017.52.1.
Badenian, Sámsonháza Formation
Letkés
Vic17, p. 272

Leptoconus hirmetzli Kovács & Vicián, 2014
holotype, PAL 2013.3.1.
Badenian, Sámsonháza Formation
Letkés
Kov14, p. 62, figs 34–36
Plagioconus hirmetzli, Har16
Type figured in Harzhauser & Landau 2016: fig. 32j

Leptoconus hirmetzli Kovács & Vicián, 2014
paratype, PAL 2013.4.1.
Badenian, Sámsonháza Formation
Letkés
Kov14, p. 62, fig. 37
Plagioconus hirmetzli, Har16

Leptoconus hirmetzli Kovács & Vicián, 2014
paratypes, PAL 2013.5.1., PAL 2013.6.1., PAL 2013.7.1., PAL 2013.8.1., PAL 2013.9.1.
Badenian, Sámsonháza Formation
Letkés
Kov14, p. 62
Plagioconus hirmetzli, Har16

Menathais viciani Kovács, 2018
holotype, PAL 2017.56.1.
Badenian, Sámsonháza Formation
Letkés
Kov18a, p. 32, figs 2e–f

Semicassis szilviae Kovács & Vicián, 2017
holotype, PAL 2017.58.1.
Badenian, Sámsonháza Formation
Letkés
Kov17, p. 82, figs 21–22

Semicassis szilviae Kovács & Vicián, 2017
paratypes, PAL 2017.59.1., PAL 2017.60.1.
Badenian, Sámsonháza Formation
Letkés
Kov17, p. 82

Siratus hirmetzli Kovács, 2018
holotype, PAL 2017.53.1.
Badenian, Sámsonháza Formation
Letkés
Kov18a, p. 30, figs 1a–b

Siratus hirmetzli Kovács, 2018
paratype, PAL 2017.57.1.
Badenian, Dej Formation
Lăpugiu de Sus, Romania
Kov18a, p. 30, figs 1c–d

Taurasia szobensis Csepreghy-Meznerics, 1956
holotype, M.61.4309
Badenian, Sámsonháza Formation
"large outcrop", Szob
C-M56, p. 445 (402), pl. 6, figs 1–4
Bufonaria szobensis, Rav16
Inventory number in original publication: M 52/253. Type figured in Raven 2016: pl. 1, figs 12a–b

Theodoxus (*Calvertia*?) *grateloupianus dentatus* Kókay, 1967
holotype, M.66.964
Badenian, Pusztamiske Formation
bentonite quarry, Bánd
Kók67, p. 89 (83), pl. 8, figs 1a–b
Theodoxus grateloupianus, Kók06
Type found in the legacy of the author

Valvata hidasensis Kókay, 1967
holotype, M.66.965
Badenian, Hidas Lignite Formation
Hidas
Kók67, p. 90 (84), pl. 8, figs 5a–b
Sandbergerina hidasensis, Kók06
Type found in the legacy of the author

6.3. Miocene Brachiopoda

Argyrotheca bitnerae Dulai *in* Dulai & Stachacz, 2011
holotype, PAL 2011.1.1.
Badenian, Pińczów Formation
Szydłów, Poland
Dul11b, p. 285, fig. 3.1

Argyrotheca bitnerae Dulai *in* Dulai & Stachacz, 2011
paratype, PAL 2011.2.1.
Badenian, Pińczów Formation
Szydłów, Poland
Dul11b, p. 285, fig. 3.2
Instead of the photo of the paratype, the holotype is illustrated once more by mistake

Argyrotheca bitnerae Dulai *in* Dulai & Stachacz, 2011
paratype, PAL 2011.3.1.
Badenian, Pińczów Formation
Szydłów, Poland
Dul11b, p. 285, fig. 3.6

6.4. Miocene Decapoda

Callichirus bertalani Hyžný & Müller, 2010
holotype, M 2009.2334.1.
Badenian, Leitha Limestone Formation
Nyirád
Hyž10, p. 41, figs 2–3
Type figured in Hyžný & Klompmaker 2015: fig. 10e

?*Pagurus turcus* Müller, 1984
holotype, 2004.164.1.
Badenian, Sámsonháza Formation
Törökmező, Nagymaros
Mül84, p. 56, pl. 13, figs 1–3
Author's inventory number: MTZ-17-1; paratypes under same inventory number (pl. 12, fig. 6, pl. 13, fig. 4). Holotype found in collection in 2013, beside specimens with intventory number M.86.153 (MTZ-21), paratypes still missing

6.5. Miocene Echinoidea

Scutella vindobonensis planata Kókay *in* Somos & Kókay, 1960
paratype, PAL 2018.30.1.
Badenian, Leitha Limestone Formation
new railway cut, Hird
Som60, p. 346 (341), pl. 17, fig. 3
Type found in the legacy of the author

Catalogue of vertebrate type specimens

7. Amphibia

Bakonybatrachus fedori Szentesi & Venczel, 2012
holotype, V 2010.283.1.
incomplete right ilium
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Sze12, p. 328, figs 1a–d

Bakonybatrachus fedori Szentesi & Venczel, 2012
paratype, V 2008.30.1.
fragmentary left scapula
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Sze12, p. 328, figs 2e–f

Bakonybatrachus fedori Szentesi & Venczel, 2012
paratype, V 2008.31.1.
fragmentary left angulosplenial
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Sze12, p. 328, figs 2c–d

Bakonybatrachus fedori Szentesi & Venczel, 2012
paratype, V 2009.34.1.
fragmentary right maxilla
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Sze12, p. 328, figs 2a–b

Hungarobatrachus szukacsi Szentesi & Venczel, 2010
holotype, V 2008.16.1.
incomplete right ilium
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Sze10, p. 293, figs 2a–e, 4a

Hungarobatrachus szukacsi Szentesi & Venczel, 2010
paratypes, V 2008.12.1., V 2008.13.1., V 2008.17.1., V 2008.18.1.
incomplete right ilia
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Sze10, p. 293

Hungarobatrachus szukacsi Szentesi & Venczel, 2010
paratype, V 2008.14.1.
incomplete left ilium
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Sze10, p. 293, figs 3d–e

Hungarobatrachus szukacsi Szentesi & Venczel, 2010
paratype, V 2008.15.1.
incomplete right ilium
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Sze10, p. 293, figs 3a–c

Hungarobatrachus szukacsi Szentesi & Venczel, 2010
paratypes, V 2008.19.1., V 2008.21.1.
fragmentary tibio-fibulae
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Sze10, p. 293

Hungarobatrachus szukacsi Szentesi & Venczel, 2010
paratype, V 2008.32.1.
right tibio-fibula
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Sze10, p. 293, figs 3f–g

Hungarobatrachus szukacsi Szentesi & Venczel, 2010
paratype, PAL 2018.31.1.
fragmentary tibio-fibula
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Sze10, p. 293
Invalid inventory number given in original publication as V2008.33.1

Hungarobatrachus szukacsi Szentesi & Venczel, 2010
paratype, PAL 2018.32.1.
fragmentary tibio-fibula
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Sze10, p. 293
Invalid inventory number given in original publication as V2008.34.1

8. Reptilia

Ajkaceratops kozmai Ősi, Butler & Weishampel, 2010
holotype, V 2009.192.1.
fused premaxillae and rostral bones with fragments of the maxillae
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Ősi10b, p. 466, figs 1a–b

Ajkaceratops kozmai Ősi, Butler & Weishampel, 2010
paratype, V 2009.193.1.
predentary bone
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Ősi10b, p. 466, figs 1c–e

Ajkaceratops kozmai Ősi, Butler & Weishampel, 2010
paratypes, V 2009.194.1., V 2009.195.1., V 2009.196.1.
predentary bones
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Ősi10b, p. 466

Chromatogenys tiliquoides Makádi & Nydam, 2015
holotype, V 2010.129.1.
partial right mandible
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Mak15, p. 928, figs 2a–c, 3a–c

Distortodon rhomboideus Makádi, 2013
holotype, PAL 2012.31.1.
partial right maxilla
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Mak13a, p. 168, figs 2a–e

Distortodon rhomboideus Makádi, 2013
paratype, PAL 2012.32.1.
right dentary
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Mak13a, p. 168, figs 3a–e

Distortodon rhomboideus Makádi, 2013
paratype, PAL 2012.33.1.
partial left dentary
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Mak13a, p. 168, figs 4a–e

Foxemys trabanti Rabi, Tong & Botfalvai, 2012
holotype, V 2010.86.1.
incomplete skull
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Rab12, p. 663, figs 2a–b, 3a–f

Foxemys trabanti Rabi, Tong & Botfalvai, 2012
paratype, V 2010.87.1.
partial skull
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Rab12, p. 663, figs 4a–d

Foxemys trabanti Rabi, Tong & Botfalvai, 2012
paratype, V 2010.88.1.
left otic chamber
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Rab12, p. 663, figs 5a–f

Foxemys trabanti Rabi, Tong & Botfalvai, 2012
paratype, V 2010.89.1.
fragmentary left lower jaw
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Rab12, p. 663, figs 2c–d

Foxemys trabanti Rabi, Tong & Botfalvai, 2012
paratype, V 2010.215.1.
skull
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Rab12, p. 663

Foxemys trabanti Rabi, Tong & Botfalvai, 2012
paratype, V 2010.216.1.
partial skull
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Rab12, p. 663

Foxemys trabanti Rabi, Tong & Botfalvai, 2012
paratype, V 2010.217.1.
partial skull
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Rab12, p. 663
Specimen given in original publication as uncatalogued

Foxemys trabanti Rabi, Tong & Botfalvai, 2012
paratype, V 2010.219.1.
right and left lower jaw
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Rab12, p. 663

Foxemys trabanti Rabi, Tong & Botfalvai, 2012
paratype, V 2010.220.1.
left lower jaw
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Rab12, p. 663

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.1
posterior tooth
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6, figs 4c–f

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.2A
middle third of left dentary
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6, figs 3a–b

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.2B
posterior third of left dentary
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6, figs 3c–e

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.2C
mandible fragment
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6, figs 3j–l

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.4, V.97.24, V.97.53, V.97.56
teeth, fragmentary osteoderms
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.5, V.97.55
teeth
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.7
right coracoid
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6, figs 6g–h

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.8
fragmentary dorsal rib
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6, figs 6a–b

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.9
left tibia
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6, figs 7j–o

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.10
metatarsal III
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6, figs 8g–j

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.11, V.97.45
metatarsals
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.12
left astragalus
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6, figs 8a–f

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.13
left femur
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6, figs 7d–i

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.14, V.97.16, V.97.17, V.97.46, V.97.47, V.97.48, V.97.51, V.97.52, V.97.54, V.97.64, V.97.67, V.97.68
dorsal rib fragments
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.15
proximal end of fibula, dorsal rib fragments
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6, figs 7p–r

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.18, V.97.65
ventral osteoderms
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.19
distal caudal vertebra
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6, figs 5k–p, 12i

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.21, V.97.22
distal caudal vertebrae
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.26
dorsal vertebrae
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6, figs 5a–c

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.27
caudal vertebrae, sacral rib
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.28
mid-caudal vertebrae
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6, figs 5f–h

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.29
tooth, proximal caudal vertebra
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.30
sacrum with the last dorsal and the first caudal vertebra, two sacral vertebrae
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6, figs 5d–e

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.31
distal caudal vertebrae
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6, figs 5i–j

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.33
right femur
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.34
left ilium
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6, figs 6i–l

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.35
left pubis
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6, figs 6n–o

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.36
left ischium
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6, fig. 6p

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.37
sacral rib with crest
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6, figs 6c–d

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.38
a short limb bone associated with a dorsal rib and a third bone fragment, ventral osteoderms
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6, figs 7c, 9g–h, 9i

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.39
sacral rib
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6, figs 6e–f

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.40
left angular-surangular
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6, figs 3f–i

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.41
fibula?
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.42
proximal end of radius
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6, figs 7a–b

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.43
distal end of fibula
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6, figs 7s–t

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.44
right ilium
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6, fig. 6m

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.49
distal half of right pubis
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.50, V.97.58
other fragmentary elements
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.57
anterior tooth, anterior or middle tooth, middle or posterior tooth
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6, figs 4a, 4b, 4g–i

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.59
dorsal osteoderm
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6, figs 9a–c

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.60
dorsal osteoderms, other fragmentary elements
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6, figs 9d, 9e–f

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.61
phalanx
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6, figs 8k–l

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.66
unidentified limb bone element
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6, fig. 8m
No inventory number given in original publication

Magyarosuchus fitosi Ősi, Young, Galácz & Rabi, 2018
holotype, V.97.69
right tibia
Toarcian, Early Jurassic; Kisgerecse Marl Formation
Nagy-Pisznice, Lábatlan
Ősi18, p. 6

Mochlodon vorosi Ősi, Prondvai, Butler & Weishampel, 2012
holotype, V 2010.105.1.
left complete dentary with four broken teeth
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Ősi12, p. 6, figs 2f–h, 3g–h

Mochlodon vorosi Ősi, Prondvai, Butler & Weishampel, 2012
paratype, V.2000.1
dentary tooth
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Ősi12, p. 6

Mochlodon vorosi Ősi, Prondvai, Butler & Weishampel, 2012
paratypes, V.2000.33, V.2001.64, V.2001.161
maxillary teeth
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Ősi12, p. 6

Mochlodon vorosi Ősi, Prondvai, Butler & Weishampel, 2012
paratype, V.2001.53
incomplete left coracoid
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Ősi12, p. 6, figs 6a–c

Mochlodon vorosi Ősi, Prondvai, Butler & Weishampel, 2012
paratype, V.2001.101
fragmentary left tibia
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Ősi12, p. 6, figs 9e–f

Mochlodon vorosi Ősi, Prondvai, Butler & Weishampel, 2012
paratype, V.2001.225
almost complete left femur
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Ősi12, p. 6, figs 7a–e, 9c–d

Mochlodon vorosi Ősi, Prondvai, Butler & Weishampel, 2012
paratypes, V 2010.106.1., V 2010.108.1., V 2010.112.1., PAL 2012.16.1.
fragmentary dentaries
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Ősi12, p. 6

Mochlodon vorosi Ősi, Prondvai, Butler & Weishampel, 2012
paratype, V 2010.107.1.
fragmentary right dentary
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Ősi12, p. 6

Mochlodon vorosi Ősi, Prondvai, Butler & Weishampel, 2012
paratype, V 2010.109.1.
fragmentary right dentary
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Ősi12, p. 6, figs 3i–j

Mochlodon vorosi Ősi, Prondvai, Butler & Weishampel, 2012
paratype, V 2010.110.1.
right quadrate
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Ősi12, p. 6

Mochlodon vorosi Ősi, Prondvai, Butler & Weishampel, 2012
paratype, V 2010.111.1.
right quadrate
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Ősi12, p. 6, figs 2a–e

Mochlodon vorosi Ősi, Prondvai, Butler & Weishampel, 2012
paratype, V 2010.118.1.
isolated dorsal vertebra
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Ősi12, p. 6, figs 5c–f

Mochlodon vorosi Ősi, Prondvai, Butler & Weishampel, 2012
paratype, V 2010.121.1.
almost complete but compressed sacrum
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Ősi12, p. 6, figs 5g–j
Inventory number given erroneously in figure caption as 2010.118.1.

Mochlodon vorosi Ősi, Prondvai, Butler & Weishampel, 2012
paratypes, V 2010.122.1., V 2010.123.1.
incomplete left coracoids
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Ősi12, p. 6

Mochlodon vorosi Ősi, Prondvai, Butler & Weishampel, 2012
paratype, V 2010.126.1.
almost complete left femur
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Ősi12, p. 6, figs 10a–b

Mochlodon vorosi Ősi, Prondvai, Butler & Weishampel, 2012
paratype, V 2010.127.1.
complete right tibia
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Ősi12, p. 6, figs 7f–i

Mochlodon vorosi Ősi, Prondvai, Butler & Weishampel, 2012
paratype, V 2010.128.1.
complete right humerus
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Ősi12, p. 6, figs 6g–k

Mochlodon vorosi Ősi, Prondvai, Butler & Weishampel, 2012
paratype, PAL 2012.14.1.
left postorbital
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Ősi12, p. 6, figs 2i–k

Mochlodon vorosi Ősi, Prondvai, Butler & Weishampel, 2012
paratype, PAL 2012.15.1.
left dentary
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Ősi12, p. 6

Mochlodon vorosi Ősi, Prondvai, Butler & Weishampel, 2012
paratypes, PAL 2012.17.1.
five maxillary teeth
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Ősi12, p. 6, figs 4d–e, 4f–g
Types figured in Virág & Ősi 2017: figs 2d–e (#36A), figs 2k–m (#36E)

Mochlodon vorosi Ősi, Prondvai, Butler & Weishampel, 2012
paratypes, PAL 2012.18.1.
five dentary teeth
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Ősi12, p. 6, figs 4a–c
Types figured in Virág & Ősi 2017: figs 3m–n, 5e–f (#35A), figs 3o–r (#35C), figs 6d–e, 7d–e (#35D). Specimen #35C referred to *Ajkaceratops kozmai* in Virág & Ősi 2017

Mochlodon vorosi Ősi, Prondvai, Butler & Weishampel, 2012
paratype, PAL 2012.19.1.
isolated cervical vertebra
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Ősi12, p. 6, figs 5a–b

Mochlodon vorosi Ősi, Prondvai, Butler & Weishampel, 2012
paratype, PAL 2012.20.1.
isolated caudal vertebra
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Ősi12, p. 6, figs 5k–m

Mochlodon vorosi Ősi, Prondvai, Butler & Weishampel, 2012
paratype, PAL 2012.21.1.
isolated caudal vertebra
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Ősi12, p. 6, figs 5n–p

Mochlodon vorosi Ősi, Prondvai, Butler & Weishampel, 2012
paratype, PAL 2012.22.1.
incomplete left scapula
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Ősi12, p. 6, figs 6d–f

Mochlodon vorosi Ősi, Prondvai, Butler & Weishampel, 2012
paratype, PAL 2012.23.1.
fragmentary left humerus
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Ősi12, p. 6, figs 9a–b

Mochlodon vorosi Ősi, Prondvai, Butler & Weishampel, 2012
paratype, PAL 2012.24.1.
complete right ulna
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Ősi12, p. 6, figs 6l–o

Mochlodon vorosi Ősi, Prondvai, Butler & Weishampel, 2012
paratype, PAL 2012.25.1.
fragmentary right femur
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Ősi12, p. 6, figs 10c–d

Mochlodon vorosi Ősi, Prondvai, Butler & Weishampel, 2012
paratype, PAL 2012.26.1.
fragmentary left tibia
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Ősi12, p. 6, figs 10e–f

Mochlodon vorosi Ősi, Prondvai, Butler & Weishampel, 2012
paratypes, PAL 2012.27.1., PAL 2012.28.1.
phalanges
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Ősi12, p. 6

Mochlodon vorosi Ősi, Prondvai, Butler & Weishampel, 2012
paratype, PAL 2014.114.1.
maxillary tooth
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Ősi12, p. 6
Invalid inventory number given in original publication as V 2003.15

Mochlodon vorosi Ősi, Prondvai, Butler & Weishampel, 2012
paratype, PAL 2014.118.1.
dentary tooth
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Ősi12, p. 6
Invalid inventory number given in original publication as V 2003.10.

Mochlodon vorosi Ősi, Prondvai, Butler & Weishampel, 2012
paratype, PAL 2014.119.1.
maxillary tooth
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Ősi12, p. 6
Invalid inventory number given in original publication as V 2003.14

Mochlodon vorosi Ősi, Prondvai, Butler & Weishampel, 2012
paratype, PAL 2014.120.1.
maxillary tooth
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Ősi12, p. 6
Invalid inventory number given in original publication as V.2003.16

Mochlodon vorosi Ősi, Prondvai, Butler & Weishampel, 2012
paratype, PAL 2018.33.1.
maxillary tooth
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Ősi12, p. 6
Invalid inventory number given in original publication as V 2000.32.

Pannoniasaurus inexpectatus Makádi, Caldwell & Ősi, 2012
holotype, PAL 2011.43.1.
isolated right quadrate
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Mak12, p. 6, figs 3a–f, 4f

Pannoniasaurus inexpectatus Makádi, Caldwell & Ősi, 2012
paratype, V.2001.115
left quadrate
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Mak12, p. 6

Pannoniasaurus inexpectatus Makádi, Caldwell & Ősi, 2012
paratype, PAL 2014.8.1.
fragmentary left quadrate
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Mak12, p. 6
Invalid inventory number given in original publication as 2007.31.1.

Pelsochamops infrequens Makádi, 2013
holotype, 2006.106.1.
partial left mandible
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Mak13b, p. 267, figs 2a–b, 3

Pelsochamops infrequens Makádi, 2013
paratype, PAL 2013.24.1.
right dentary fragment
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Mak13b, p. 267, figs 4a–c

Pneumatoraptor fodori Ősi, Apesteguía & Kowalewski, 2010
holotype, V 2008.38.1.
nearly complete left scapulocoracoid
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Ősi10a, p. 308, figs 4a–d

9. Aves

Bauxitornis mindszentyae Dyke & Ősi, 2010
holotype, V 2009.38.1.
almost complete right tarsometatarsus
Santonian, Late Cretaceous; Csehbánya Formation
Iharkút, Bakonyjákó
Dyk10, p. 436, figs 2a–f, 5m

Cuculus pannonicus Kessler, 2010
holotype, V 2009.51.1.
distal fragment of right humerus
Late Pliocene
quarry, locality 15, Beremend
Kes10, p. 53 (56), figs 1a–b

Heliadornis minor Kessler, 2009
holotype, V 2008.44.1.
distal epiphysis of right humerus
Late Pliocene
Hajnáčka (Ajnácskő), Slovakia
Kes09, p. 67 (71), figs 2a–b

10. Mammalia

Allocricetus éhiki Schaub, 1930
syntypes, V.61.1522
two mandibles
Middle Pliocene
quarry, Beremend
ScS30, p. 34
Types found in collection in 2013

Archidiskodon meridionalis ürömensis Vörös, 1979
holotype, V.72.116
left M^3
Middle Pleistocene
Üröm-hegy, Budapest
VöI79, p. 5, pl. 1
Mammuthus trogontherii, Vir09
Type figured in Virág 2009: pl. 1, figs 1a–c

Archidiskodon meridionalis ürömensis Vörös, 1979
paratype, V.59.913
aboral fragment of left M^2
Early Pleistocene
fissure fill in quarry, Gombasek (Gombaszög), Slovakia
VöI79, p. 5
Mammuthus sp., Vir09
Type figured in Virág 2009: pl. 1, figs 2a–b

Hystrix vinogradovi atavus Jánossy, 1972
paratype, V.73.69
left mandible with D_4–M_3
Early Pleistocene
Osztramos, locality 8, Tornaszentandrás
Ján72, p. 173, pl. 1, figs 3–4
Type found in collection in 2013

Mastodon (*Bunolophodon*) *grandincisivum* Schlesinger, 1917
syntype, V.79.34
one upper and two lower tusks, left and right M^3, mandible fragments with left and right M_3, postcranial skeletal parts, right scapula fragment, humerus fragments, ulna and radius fragments, left and right magnum, right trapezoideum, right intermedium, right unciforme, metapodium fragment, phalanx fragment, left and right pelvis fragments, femur fragments, right tibia, patella, calcaneus, rib fragments, vertebrae
Pannonian, Miocene
Pestszentlőrinc, Budapest
ScG17, p. 119
Konobelodon atticus, KRT14
Type figured and described in detail in Schlesinger 1922: p. 7, pl. 1, figs 1–2, pl. 2, figs 1–3, pl. 3, figs 1–7, pl. 4, figs 1–3, pl. 5, figs 1–5, pl. 6, fig. 1, original species name emended as *grandincisivus*. Left mandible fragment with M_3 figured in Gasparik 2007: pl. 2, fig. 6. Cross-section of lower tusk figured in Konidaris *et al*. 2014: fig. 6h

"*Pliomys*" *progressus* Kretzoi, 1938
holotype, V.59.1054A
mandible
Early Pleistocene
fissure fill in quarry, Gombasek (Gombaszög), Slovakia
Kre38, p. 96, text-fig. 2k
Inventory number in original publication: Fa. 17. Type found in collection in 2013

"*Pliomys*" *progressus* Kretzoi, 1938
paratype, V.59.1054B
fragmentary mandible
Early Pleistocene
fissure fill in quarry, Gombasek (Gombaszög), Slovakia
Kre38, p. 96
Type found in collection in 2013. Another paratype (mandible) still missing

Trilophodon angustidens praetypica Tasnádi Kubacska, 1939
syntype, 2007.96.1.
maxilla fragment with left and right I^2
Ottnangian, Miocene; Salgótarján Formation
coal mine, Zagyvapálfalva, Salgótarján
Tas39, p. 154, text-fig. 1
Gomphotherium praetypicum, Gas09
Type figured in Gasparik & Markov 2009: pl. 1, fig. 9

Trilophodon angustidens praetypica Tasnádi Kubacska, 1939
syntype, 2007.96.2.
left mandible with I_2, P_4–M_2
Ottnangian, Miocene; Salgótarján Formation
coal mine, Zagyvapálfalva, Salgótarján
Tas39, p. 154, pl. 4
Gomphotherium praetypicum, Gas09
Type figured in Gasparik & Markov 2009: text-fig. 3, pl. 1, figs 1–4, 8

Trilophodon angustidens praetypica Tasnádi Kubacska, 1939
syntype, 2007.96.3.
right mandible with I_2, P_4–M_2
Ottnangian, Miocene; Salgótarján Formation
coal mine, Zagyvapálfalva, Salgótarján
Tas39, p. 154, pl. 4
Gomphotherium praetypicum, Gas09
Type figured in Gasparik & Markov 2009: text-fig. 3, pl. 1, figs 1–7

Ursus etruscus gombaszögensis Kretzoi, 1938
holotype, V.59.930
right M_2
Early Pleistocene
fissure fill in quarry, Gombasek (Gombaszög), Slovakia
Kre38, p. 138
Ursus deningeri gombaszogensis, Wag14
Inventory number in original publication: Fa. 21. Type figured in Wagner & Gasparik 2014: figs 2.1a–b

Ursus etruscus gombaszögensis Kretzoi, 1938
paratype, V.59.932
right M_2
Early Pleistocene
fissure fill in quarry, Gombasek (Gombaszög), Slovakia
Kre38, p. 138
Ursus deningeri gombaszogensis, Wag14
Inventory number in original publication: Fa. 85

Ursus etruscus gombaszögensis Kretzoi, 1938
paratype, V.59.1048
right M_2
Early Pleistocene
fissure fill in quarry, Gombasek (Gombaszög), Slovakia
Kre38, p. 138, pl. 3, fig. 15
Ursus deningeri gombaszogensis, Wag14
Inventory number in original publication: V. 883. Type figured in Wagner & Gasparik 2014: figs 2.3a–b

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