

Updated Catalogue of the Amphibian and Reptile Type Specimens of the Natural History Museum, National Science Museum, Thailand

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Article History

Received: 19 May 2022

Accepted: 15 December 2022

Published Online: 31 December 2022

Printed: 31 December 2022

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Editor

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Abstract

An updated catalogue of the amphibian and reptile type specimens (holotypes and paratypes) of the Natural History Museum (THNHM), National Science Museum, Thailand (NSM) is presented. Species are listed alphabetically by family or subfamily, when applicable. Where possible, localities are updated with official spellings or updated to the current names after their original spellings and names. An appendix is provided with all the original description citations.

Keywords

type specimens, type localities, taxonomy, Thailand Natural History Museum.

Introduction

In 2011, Tanya Chan-ard and Sunchai Makchai published the first catalogue of type specimens of amphibians and reptiles in the Natural History Museum, National Science Museum, Thailand. As was true at that time, the Natural History Museum (THNHM), National Science Museum (NSM), Thailand maintains the largest collection of reptile and amphibian type specimens in Thailand and is among the most important collections in Asia. The collection originated primarily from Jarujin Nabhitabhata (1949–2008) when he moved the collection of the Thailand Institute of Scientific Research and Technology (TISTR) to the Thailand Natural History Museum, where the acronym THNHM originated. Besides the

work of Jarujin Nabhitabhata, many other type specimens since the founding of the Natural History Museum, National Science Museum, Thailand have been from the fieldwork of Tanya Chan-ard, who is now retired, and Yodchaiy Chuaynkern, who is now at Khon Kaen University.

The catalogue of amphibian and reptile type specimens of the Natural History Museum, National Science Museum, Thailand in 2011 consisted of a total of 16 holotypes and 57 paratypes for a total of 73 type specimens. In 2022, the catalogue of amphibian and reptile type specimens of the Natural History Museum, National Science Museum, Thailand consists of 27 holotypes and 110 paratypes for a total of 137 type specimens (Chan-ard and Makchai, 2011).

Methods and Materials

The species accounts for the type specimens are listed by taxonomic group and then in alphabetical order. The taxonomic groups and taxonomy for amphibians follows the Amphibian Species of the World of the American Museum of Natural History. The taxonomic groups and taxonomy for the reptiles closely follows the Reptile Database (Frost, 2022; Uetz *et al.* [eds.] 2022).

Over the years as taxonomy changes, some species have been synonymized. Species that were listed in the 2011 catalogue of type specimens of the Natural History Museum, National Science Museum, Thailand are listed at the end of the species account. Species which have undergone taxonomic changes, specifically change of generic and/or specific name, have their original names listed after their current names, but a list of synonyms were not given in the species accounts.

Below the species name, the authority, and the reference to the species description is given for each species account.

Localities are spelled as they were originally. If the name of the locality has undergone changes, or the original spellings are not the official spellings, the current and official spellings of the localities are given in parentheses. The reader will find many changes, because Thai script does not easily transliterate into the Roman alphabet, and one will find multiple spellings, even on road signs, where the spelling differs from the official spelling. The official spellings were given to the district level wherever possible. If latitude and longitude were given in the description, they are included in this update. If they are not included, the authors did not take it upon themselves to guess what the coordinates were. The localities have been updated in accordance with the title of this updated catalogue of amphibian and reptile type specimens of the Natural History Museum, National Science Museum, Thailand.

Collectors' full names are given, however, in some cases, they could not be tracked down. After the names of the collectors are the date(s) of the collection. In some cases, the dates could only be tracked down to the month or year.

Type Specimen Catalogue

In Table 1, the type specimens of the Natural History Museum, National Science Museum, Thailand are broken down by order, in the case of Squamata into the suborders of Sauria and Ophidia. The numbers given for holotypes, paratypes and the totals given for each order, again with Squamata split into the suborders of Sauria and Ophidia. Totals are given for holotypes and paratypes at the bottom, while totals of type specimens for each category are given to the right.

Table 1. Type specimens of the Natural History Museum, National Science Museum, Thailand by order (Squamata split to suborder), with numbers given for holotypes, paratypes, and totals.

Orders/Types	Holotypes	Paratypes	Total	
Anura	6	38	44	
Caudata	1	0	1	
Testudines	1	0	1	
Squamata				
	Sauria	17	58	81
	Ophidia	2	1	3
Total	27	97	125	

Class Amphibia Gray, 1825

Order Anura Fischer von Waldheim, 1813

Family Bufonidae Gray, 1825

Ansonia kraensis Matsui, Khonsue and Nabitabhata, 2005

Matsui, M., W. Khonsue and J. Nabitabhata. 2005. A new *Ansonia* from the Isthmus of Kra, Thailand (Amphibia: Anura: Bufonidae). *Zoological Science* 22: 809–814.

Paratypes: 3 specimens **THNHM 03239** (adult female); **THNHM 03240** (adult male); and **THNHM 03241** (juvenile female).

Locality: Punyaban Waterfall, Ranong Province, Thailand.

Collector: Wichase Khonsue. 4–5 December 2004.

Ansonia inthanon Matsui, Nabitabhata and Panha, 1998

Matsui, M., J. Nabitabhata and S. Panha. 1998. A new *Ansonia* from northern Thailand (Anura: Bufonidae). *Herpetologica* 54(4): 448–454.

Holotype: **THNHM 19999** (adult male).

Original number: TNSM 52-001.

Locality: Siriphum Waterfall, Doi Inthanon (National Park), Chiangmai (Chiang Mai) Province, Thailand.

Collector: Masafumi Matsui. 2 August 1994.

Paratype: THNHM 20000

Original Number: TNSM 51-002.

Locality: same as the holotype.

Collector: same as the holotype.

Family Megophryidae Bonaparte, 1850

Subfamily Leptobrachiinae Dubois, 1980

Subfamily Megophryinae Dubois, 1980

***Leptobrachium smithi* Matsui, Nabhitabhata and Panha, 1999**

Matsui, M., J. Nabhitabhata and S. Panha. 1998. On *Leptobrachium* from Thailand with a description of a new species (Anura: Pelobatidae). *Japanese Journal of Herpetology* 18(1): 19–29.

Holotype: THNHM 19997 (adult male).

Original Number: NHMT-A001.

Locality: To Nam Plu (Ton Pliw) Waterfall, Khao Chong, Trang Province, Thailand.

Collector: Masafumi Matsui. 16 January 1997.

Paratype: THNHM 19998 (adult male).

Original Number: NHMT-A010.

Locality: Same as holotype.

Collector: Same as holotype.

***Xenophrys lekaguli* (Stuart, Chan-ard, Chuaynkern and Inger, 2006)**

Original Name: *Megophrys lekaguli* Stuart, Chan-ard, Chuaynkern and Inger, 2006

Stuart, B.L., Y. Chuaynkern, T. Chan-ard and R.F. Inger. 2006. Three species of frogs and a new tadpole from eastern Thailand. *Fieldiana Zoology* New Series (2006) 111: 1–19.

Holotype: THNHM 053230 (adult male).

Locality: Huay Kong Mou Now, Pang Si Da (Pang Sida) National Park, Muang (Mueang) Sa Kao District, Sa Kao Province, Thailand.

Collectors: Yodchaiy Chuaynkern, Bryan L. Stuart, Chatchay Chuechat, and Sunchai Makchai. 23 September 2004.

Family Dicroglossidae Anderson, 1871

Subfamily Dicroglossinae Dubois, 1992

***Fejervarya triora* Stuart, Chan-ard, Chuaynkern and Inger, 2006**

Stuart, B.L., Y. Chuaynkern, T. Chan-ard and R.F. Inger. 2006. Three species of frogs

and a new tadpole from eastern Thailand. *Fieldiana Zoology* New Series (2006) 111: 1–19.

Holotype: THNHM 05325 (adult female).

Locality: Headquarters of Phu Jong-Na Yoi (Phu Chong Na Yoi) National Park. Na Chaloei (Na Chaluai) District, Ubon Ratchathani Province, Thailand.

Collectors: Yodchaiy Chuaynkern, Bryan L. Stuart, Chatchay Chuechai, and Sunchai Makchai. 12 September 2004.

Paratypes: 9 Specimens THNHM 05354, THNHM 05360, THNHM 05372 (adult females); THNHM 05358, THNHM 05361, THNHM 05362, THNHM 05365, THNHM 05368, THNHM 05376 (juveniles).

Locality: same as holotype.

Collectors: same as holotype.

***Limnonectes lauhachinidae* Aowphol, Rujirawan, Taksintum, Chuaynkern and Stuart 2015**

Aowphol, A., A. Rujirawan, W. Taksintum, Y. Chuaynkern and Bryan L. Stuart. 2015. A new caruncle-bearing *Limnonectes* (Anura: Dicroglossidae) from northeastern Thailand. *Zootaxa* 3956(2): 258–270.

Paratypes: 6 specimens FMNH 266148/THNHM 05185, FMNH 266154/THNHM 05189 (males); FMNH 266150/THNHM 05025–26, FMNH 266147/THNHM 05184, FMNH 266152/THNHM 05187 (females).

Locality: Huay Luang Noi Stream, Phu Jong-Na Yoi National Park, Na Chaluai District, Ubon Ratchathani Province, Thailand.

Collectors: Yodchaiy Chuaynkern, Bryan L. Stuart, Chatchay Chuechat, and Sunchai Makchai. 15 September 2004.

***Quasipaa fascicuispina* (Inger, 1970)**

Original Name: *Rana fasciculispina* Inger, 1970

Inger, R.F. 1970. A new species of frog of the genus *Rana* from Thailand. *Fieldiana Zoology* 51(14): 169–174.

Holotype: THNHM 20217 (adult male).

Original Number: 513-1385.

Locality: Khao Soi Dao (Wildlife Sanctuary), Chantaburi (Chanthaburi) Province, Thailand.

Collector: Mr. Boonak, National Center for Reference Collection of Thailand. 5 July 1961.

Family Ranidae Batsch, 1796***Odorrana absita* (Stuart and Chan-ard, 2005)**

Original Name: *Huia absita* Stuart and Chan-ard, 2005

Stuart, B.L. and T. Chan-ard. 2005. Two new *Huia* (Amphibia: Ranidae) from Laos and Thailand. *Copeia* 2005(2): 279–289.

Paratype: THNHM 00217 (adult male).

Locality Xe Sap National Biodiversity Conservation Area, Samoy District, Saravan Province, Laos PDR.

Collector: Tanya Chan-ard. 25 February 1999.

***Odorrana aureola* Stuart, Chuaynkern, Chan-ard and Inger, 2006**

Stuart, B.L., Y. Chuaynkern, T. Chan-ard and R.F. Inger. 2006. Three species of frogs and a new tadpole from eastern Thailand. *Fieldiana Zoology* New Series (2006) 111: 1–19.

Holotype: THNHM 05341 (adult male).

Locality: Phu Luang Wildlife Sanctuary, Phu Ruea District, Loei Province, Thailand.

Collector: Yodchaiy Chuaynern, Bryan L. Stuart, Chatchay Chuechat, and Sunchai Makchai. 3 September 2004.

Paratypes: 4 specimens THNHM 05351–2 (adult females); THNHM 05350, THNHM 05353 (juvenile female).

Locality: Same as holotype.

Collectors: Same as holotype.

***Odorrana khalam* (Stuart, Orlov and Chan-ard, 2005)**

Original Name: *Rana khalam* Stuart, Orlov and Chan-ard, 2005

Stuart, B.L., N.L. Orlov and T. Chan-ard. 2006. A new cascade frog (Amphibia: Ranidae) from Laos and Vietnam. *The Raffles Bulletin of Zoology* (2005) 53(1): 125–131.

Paratypes: 11 specimens THNHM 00219–23 (adult males); THNHM 00224–29 (adult females).

Locality: Xe Sap National Biodiversity Conservation Area, Samoy District, Saravan Province, Laos PDR.

Collector: Tanya Chan-ard. 27 February – 3 March 1999.

***Wijayarana melasma* (Stuart and Chan-ard, 2005)**

Original Name: *Huia melasma* Stuart and Chan-ard, 2005

Stuart, B.L. and T. Chan-ard. 2005. Two new *Huia* (Amphibia: Ranidae) from Laos and

Thailand. *Copeia* 2005: 279–289.

Paratype: THNHM 00217 (adult male).

Locality: Xe Sap National Biodiversity Conservation Area, Ban Bee Hi Village, Samoy District, Saravee Province, Laos.

Collector: Tanya Chan-ard. 25 February 1999.

Family Rhacophoridae Hoffman, 1932 (1858)

Subfamily Rhacophorinae Laurent, 1943

***Theloderma licin* McLeod and Ahmad, 2007**

McLeod, D.S. and N. Ahmad. 2007. A new species of *Theloderma* (Anura: Rhacophoridae) from southern Thailand and peninsular Malaysia. *Russian Journal of Herpetology* 2007 14(1): 65–72.

Paratype: THNHM 01468 (adult male)

Locality: Khao Luang National Park, Nob Pi Tam (Nopphitam) District, Nakhon Si Thammarat Province, Thailand.

Collector: David S. McLeod. 17 July 2003.

Order Caudata Opperl, 1811

Family Salamandridae Goldfuss, 1820

Subfamily Pleurodelinae Tschudi, 1838

***Tylototriton panhai* Nishikawa, Khonsue and Matsui, 2013**

Nishikawa, K. W. Khonsue, P. Pomchote and M. Matsui. 2013. Two new species of *Tylototriton* from Thailand (Amphibia: Urodela: Salamandridae). *Zootaxa* 3737: 261–279.

Holotype: THNHM 28000 (adult male).

Locality: Phu Ruea National Park, Loei Province, Thailand.

Collector: Tanya Chan-ard. 25 May 1998.

Class Reptilia Laurent, 1768

Order Testudines Balsch, 1788

Superfamily Testudinoidea Fitzinger, 1826

Family Geoemydidae Theobald, 1868

***Malayemys khoratensis* Ihlow, Vamberger, Flecks, Hartmann, Cota, Makchai, Meewattana, Dawson, Kheng, Rödder and Fritz, 2015.**

Ihlow, F. M. Vamberger, M. Flecks, T. Hartmann, M. Cota, S. Makchai, P. Meewattana, J.E. Dawson, L. Kheng, D. Rödder and U. Fritz. 2016. Integrative Taxonomy of Southeast Asian Snail-Eating Turtles (Geoemydidae: *Malayemys*) Reveals a New Species and Mito-

chondrial Introgression. *PLoS ONE* 11(4): e0153108. Doi: 10.1371/journal.pone.0153108.

Holotype: THNHM 25999 (female).

Locality: Mueang Udon Thani, Udon Thani Province, Thailand.

Collectors: Flora Ihlow and Michael Cota. July 2014.

Order Squamata Oppel, 1811

Suborder Sauria Macartney, 1802

Superfamily Iguania Cope, 1864

Family Agamida Gray, 1827

Subfamily Draconinae

***Mantheyus phuwuaensis* (Manthey and Nabhitabhata, 1991)**

Original Name: *Ptyctolaemus phuwuaensis*

Manthey, U. and J. Nabhitabhata. 1991. Eine neue Agame, *Ptyctolaemus phuwuaensis* sp. N. (Sauria: Agamidae), aus Nordost-Thailand. *Sauria* 13(4): 3–6.

Paratypes: 3 specimens THNHM 20237-20239.

Original Numbers: TNRC 52–3857, 52–3858, and 52–3859.

Locality: Phu Wua (Wildlife Sanctuary), Nong Dern (Nong Doen) Subdistrict, Bung Kan District (now Bung Khla District), Nong Khai Province (now Bueng Kan Province), Thailand.

Collector: Jarujin Nabhitabhata. December 1990.

***Pseudocalotes khaonanensis* Chan-ard, Cota, Makchai and Laoteow, 2008**

Chan-ard, T., M. Cota, S. Makchai and Suttinee Laoteow. A new species of the genus *Pseudocalotes* (Squamata: Agamidae) from peninsular Thailand. *The Thailand Natural History Museum Journal* (2008) 3(1): 25–32.

Holotype: THNHM 11791 (adult male).

Locality: San Yen, Khao Nan National Park, Nopphitam District, Nakhon Si Thammarat Province, Thailand.

Collectors: Tanya Chan-ard, Sunchai Makchai, and Suttinee Laoteow. 18 April 2007.

Paratype: THNHM 11792 (juvenile)

Locality: Same as holotype.

Collectors: Same as holotype.

Superfamily Gekkota Cuvier, 1817

Family Gekkonidae Gray, 1825

***Cnemaspis adangrawi* Ampai, Rujirawan, Wood, Stuart and Aowphol, 2019**

Ampai, N., A. Rujirawan, P.L. Wood, Jr., B.L. Stuart and A. Aowphol. 2019. Morphological and molecular analyses reveal two new insular species of *Cnemaspis* Strauch, 1887

(Squamata: Gekkonidae) from Satun Province, southern Thailand. *Zookeys* 858: 127–161.

Paratypes: 6 specimens (**THNHM 28206–10** adult males); (**THNHM 28211** female).

Localities: **THNHM 28206–09** Jonsalad Waterfall, Adang Island, Tarutao National Park, Mueang District, Satun Province, Thailand. **THNHM 28210–11** Rawi Island, Tarutao National Park, Mueang District, Satun Province, Thailand.

Collectors: Natee Ampai, Attapol Rujirawan, Siriporn Yodthong, and Korkwan Termprayoon. **THNHM 28206–09** 6 April 2018; **THNHM 28210** 7 April 2018; **THNHM 28211** 8 April 2018.

***Cnemaspis chanardi* L. Grismer, Sumontha, Cota, J. Grismer, Wood Jr., Pauwels and Kunya, 2010.**

Grismer, L.L., M. Sumontha, M. Cota, J.L. Grismer, P.L. Wood, Jr., O.S.G. Pauwels and K. Kunya. 2010. A revision and redescription of the rock gecko *Cnemaspis siamensis* (Taylor, 1925) (Squamata: Gekkonidae) from Peninsular Thailand with descriptions of seven new species. *Zootaxa* (2010) 2576: 16–24.

Holotype: **THNHM 06983** (adult male).

Locality: Ban Chong, Nayong District, Trang Province, Thailand.

Collector: Tanya Chan-ard. 22 June 2005.

Paratypes: 8 specimens (**THNHM 01334–35** [males], **THNHM 14111** [juvenile male], **THNHM 10705** [male], **THNHM 10115** [female], **THNHM 10135** [female], **THNHM 10283** [female]).

Localities: **THNHM 12434** Khao Nor Chuchi, Khlong Thom District, Krabi Province, Thailand; **THNHM 01334–35**, **THNHM 14111** Khao Luang National Park, Lan Saka District, Nakhon Si Thammarat Province, Thailand; **THNHM 10705** Krung Nang Waterfall, Khao Nan National Park, Nopphitam District, Nakhon Si Thammarat Province, Thailand; **THNHM 10115**, locality: Huay Lak, Khao Nan National Park, Nopphitam District, Nakhon Si Thammarat Province, Thailand; **THNHM 10135** Khao Nan National Park, Tha Sala District, Nakhon Si Thammarat Province, Thailand; **THNHM 10283**, locality: Ban Yod Leong, Nopphitam District, Nakhon Si Thammarat Province, Thailand.

Collectors: **THNHM 12434** Tanya Chan-ard, 1996. **THNHM 01334–35** Tanya Chan-ard and Yodchaiy Chuaynkern, 8 May 2003. **THNHM 14111** Tanya Chan-ard and Yodchaiy Chuaynkern, 6 December 2003. **THNHM 10705** Tanya Chan-ard, Sunchai Makchai, Suttinee Laoteaw and Michael Cota, 6 December 2006. **THNHM 10115** Tanya Chan-ard, Sunchai Makchai, Suttinee Laoteaw & Michael Cota, 22 October 2006. **THNHM 10135** Tanya Chan-ard, Sunchai Makchai, Suttinee Laoteaw and Michael Cota, 23 October 2006. **THNHM 10283** Tanya Chan-ard and Yodchaiy Chuaynkern, 14 December 2003.

***Cnemaspis laoensis* Grismer, 2010**

Grismer, L.L. 2010. The first record of the genus *Cnemaspis* Strauch (Squamata: Gekkonidae) from Laos with the description of a new species. *Zootaxa* 2475: 55–63

Holotype: THNHM 12433 (adult female).

Locality: Dong Phu Vieng National Protected Area, Savannakhet, Laos.

Collector: Tanya Chan-ard. 18 June 1998.

***Cnemaspis lineatubercularis* Ampai, Wood, Stuart and Aowphol, 2020**

Ampai, N., P.L. Wood, Jr., B.L. Stuart and A. Aowphol. 2020. Integrative taxonomy of the rock-dwelling gecko *Cnemaspis siamensis* complex (Squamata, Gekkonidae) reveals a new species from Nakhon Si Thammarat Province, southern Thailand. *Zookeys* 932: 129–159

Paratypes: 4 specimens THNHM 28694–28695 (adult males); THNHM 28696–28697 (adult females).

Locality: Wang Mai Pak Waterfall, Kam Lon Subdistrict, Lan Saka District, Nakhon Si Thammarat Province, Thailand.

Collectors: Natee Ampai, Anchalee Aowpol, Attapol Rujirawan, Korkwan Termprayoon, and Siriporn Yodthong. 25 January 2019.

***Cnemaspis narathiwatensis* L. Grismer, Sumontha, Cota, J. Grismer, Wood Jr., Pauwels and Kunya, 2010**

Grismer, L.L., M. Sumontha, M. Cota, J.L. Grismer, P.L. Wood, Jr., O.S.G. Pauwels and K. Kunya. 2010. A revision and redescription of the rock gecko *Cnemaspis siamensis* (Taylor, 1925) (Squamata: Gekkonidae) from Peninsular Thailand with descriptions of seven new species. *Zootaxa* (2010) 2576: 16–24.

Holotype: THNHM 01436 (adult male).

Locality: Waeng District, Narathiwat Province, Thailand.

Collectors: Tanya Chan-ard and Yodchaiy Chuaynkern. 13 March 2002.

Paratypes: 2 specimens THNHM 01338 (adult female); THNHM 12435 (adult male).

Localities: THNHM 01338 Waeng District, Narathiwat District, Thailand; THNHM 12435 Bang Lang National Park, Bannang Sata District, Yala Province, Thailand.

Collectors: THNHM 01338 Tanya Chan-ard and Yodchaiy Chuaynkern, 13 March 2002; THNHM 12435 Tanya Chan-ard and Yodchaiy Chuaynkern, 17 June 2002.

***Cnemaspis punctatonuchalis* L. Grismer, Sumontha, Cota, J. Grismer, Wood Jr., Pauwels and Kunya, 2010**

Grismer, L.L., M. Sumontha, M. Cota, J.L. Grismer, P.L. Wood, Jr., O.S.G. Pauwels and

K. Kunya. 2010. A revision and redescription of the rock gecko *Cnemaspis siamensis* (Taylor, 1925) (Squamata: Gekkonidae) from Peninsular Thailand with descriptions of seven new species. *Zootaxa* (2010) 2576: 16–24.

Holotype: THNHM 02001 (adult male).

Locality: Huay Yang National Park, Thap Sakae District, Prachuap Khiri Khan Province, Thailand.

Collector: Yodchaiy Chuaynkern. 28 May 2000.

***Cnemaspis tarutaoensis* Ampai, Rujirawan, Wood, Stuart and Aowphol, 2019**

Ampai, N., A. Rujirawan, P.L. Wood, Jr., B.L. Stuart and A. Aowphol. Morphological and molecular analyses reveal two new insular species of *Cnemaspis* Strauch, 1887 (Squamata, Gekkonidae) from Satun Province, southern Thailand. *Zookeys* 858: 127–161.

Paratypes: 4 Specimens THNHM 28201–02 (adult females); THNHM 28203, THNHM 28205 (adult males).

Locality: Pha Toe Boo, Tarutao Island, Tarutao National Park, Mueang District, Satun Province, Thailand.

Collectors: Natee Ampai, Attapol Rujirawan, Siriporn Yodthong, and Korkwan Termprayoon. 5 November 2017.

***Cnemaspis vandeventeri* L. Grismer, Sumontha, Cota, J. Grismer, Wood Jr., Pauwels and Kunya, 2010**

Grismer, L.L., M. Sumontha, M. Cota, J.L. Grismer, P.L. Wood, Jr., O.S.G. Pauwels and K. Kunya. 2010. A revision and redescription of the rock gecko *Cnemaspis siamensis* (Taylor, 1925) (Squamata: Gekkonidae) from Peninsular Thailand with descriptions of seven new species. *Zootaxa* (2010) 2576: 16–24.

Holotype: THNHM 08261 (adult male).

Locality: Khlong Naka Wildlife Sanctuary, Kapur District, Ranong Province, Thailand.

Collector: Yodchaiy Chuaynkern. 29 December 2000.

Paratype: THNHM 08260 (adult female).

Locality: Same as holotype.

Collector: Same as holotype.

***Cyrtodactylus auribalteus* Sumontha, Panitvong and Deenin, 2010**

Sumontha, M., N. Panitvong and G. Deenin. 2010. *Cyrtodactylus auribalteus* (Squamata: Gekkonidae), a new cave-dwelling gecko from Phitsanulok Province, Thailand. *Zootaxa* 2370: 53–64.

Holotype: THNHM 15901 (adult male).

Locality: Phra Wang Daeng, Thung Salang Luang, Phitsanulok Province, Thailand.

Collector: Kritsada Deein. 7 April 2008.

Paratype: THNHM 15902 (female).

Locality: Same as holotype.

Collector: Same as holotype.

***Cyrtodactylus interdigitalis* Ulber, 1993**

Ulber, T. 1993. Bemerkungen über cyrtodactyline Geckos aus Thailand nebst Beschreibungen über zwei neuen Arten (Reptilia: Gekkonidae). *Mitteilungen aus dem Zoologischen Museum in Berlin* 69(2): 187–200.

Paratypes: 3 specimens THNHM 20226 (female); THNHM 20227 (female); THNHM 20228 (female); THNHM 20229 (female).

Original Numbers: TNRC 52-3876; TNRC 52-3878; and TNRC 52-3880.

Locality: Tham Yai Nam Nao, Nam Nao District, Phetchabun Province, Thailand.

Collector: Jarujin Nabhitabhata. 10 March 1991.

***Cyrtodactylus jarujini* Ulber, 1993**

Ulber, T. 1993. Bemerkungen über cyrtodactyline Geckos aus Thailand nebst Beschreibungen über zwei neuen Arten (Reptilia: Gekkonidae). *Mitteilungen aus dem Zoologischen Museum in Berlin* 69(2): 187–200.

Paratypes: 2 specimens THNHM 20463 (male); THNHM 20465 (male).

Original Numbers: TNRC 52-3882 and TNRC 52-3883.

Locality: Nong Dern (Nong Doen) Subdistrict, Bung Kan (Bueng Kan) (now Bung Khla) District, Nong Khai Province (now Bueng Kan Province), Thailand.

Collector: Jarujin Nabhitabhata. 2 June 1991.

***Cyrtodactylus surin* Chan-ard and Makchai, 2011**

Chan-ard, T. and S. Makchai. 2011. A New Insular Species of *Cyrtodactylus* Gray, 1827 (Squamata, Gekkonidae), from the Surin Islands, Phang-nga Province, Southern Thailand. *The Thailand Natural History Museum Journal* 5(1): 7–15.

Holotype: THNHM 9527 (adult male).

Locality: Surin Island, Phang-nga Province, Thailand.

Collectors: Sunchai Makchai and B. Chantasuwana. 23 December 2005.

Paratype: 2 specimens THNHM 9526 (adult male); THNHM 9528 (adult female).

Locality: same as holotype.

Collectors: same as holotype.

***Gekko lauhachindai* Panitvong, Sumontha, Konlek and Kunya, 2010**

Panitvong, N., M. Sumontha, K. Konlek and K. Kunya. 2010. *Gekko lauhachindai* sp.

nov. (Squamata: Gekkonidae) from central Thailand. *Zootaxa* (2010) 2671: 40–52.

Holotype: THNHM 15903 (adult male).

Locality: Sub Cha-om Cave, Calermphrakiat District, Saraburi Province, Thailand.

Collectors: Nattakan Suttanon and Wut Taksintum. 23 June 2009.

***Hemiphyllodactylus chiangmaiensis* Grismer, Wood and Cota, 2014**

Grismer, L.L., P.L. Wood, Jr. and M. Cota. 2014. A new species of *Hemiphyllodactylus* Bleeker, 1860 (Squamata: Gekkonidae) from northwestern Thailand. *Zootaxa* 2011 3760(1): 67–78.

Holotype: THNHM 15194 (adult male).

Locality: Doi Inthanon National Park, Chom Thong District, Chiang Mai Province, Thailand (exact locality listed as unknown in description).

Collectors: Tanya Chan-ard, 2000 (collector and date listed as unknown in description).

Paratypes: 8 specimens THNHM 15192 (male); THNHM 15193 (female); THNHM 15195 (female); THNHM 15196 (male); THNHM 15197 (male); THNHM 15198 (female); THNHM 15199 (male); THNHM 15200 (male).

Locality: Same as holotype.

Collector: Same as holotype.

Superfamily Scincomorpha Camp, 1923

Family Dibamidae Boulenger, 1884

***Dibamus somsaki* Honda, Nabhitabhata, Ota and Hikida, 1997**

Honda, M. J. Nabhitabhata, H. Ota and T. Hikida. 1997. A new species of *Dibamus* (Squamata: Dibamidae) from Thailand. *The Raffles Bulletin of Zoology* (1997) (2): 275–279.

Holotype: THNHM 00434 (juvenile male).

Locality: Khao Soi Dao Wildlife Sanctuary, Chanthaburi Province, Thailand.

Collector: Jarujin Nabhitabhata. 23 December 1995.

Family Scincidae Gray, 1825

Subfamily Scincinae Gray, 1825

***Brachymeles miriamae* (Heyer, 1972)**

Original Name: *Davewakeum mirimae* Heyer, 1972

Heyer, W.R. 1972. A new limbless skink (Reptilia: Scincidae) from Thailand with comments on the generic status of the limbless skinks of southeast Asia. *Fieldlandia Zoology* 58(10): 109–129.

Holotype: THNHM 20240 (sex not determined).

Original Number: FMNH 182545.

Locality: Khao Saton, Pakthonchai District (now Wang Nam Khiao District), Nakhon Ratchasima Province, Thailand.

Collector: Sukhum Pongsapipathana. 27 August 1969.

Subfamily Sphenomorphinae Welch, 1982

***Jarujinia bipedalis* Chan-ard, Makchai and Cota, 2011**

Chan-ard, T., S. Makchai and M. Cota. 2011. *Jarujinia*: A New Genus of Lygosomine Lizard from Central Thailand, with a Description of One New Species. *The Thailand Natural History Museum Journal* 5(1): 17–24.

Holotype: THNHM 15410 (sex not determined).

Locality: Ban Pu Nam Ron, Suan Pung (Suan Phueng) District, Ratchaburi Province, Thailand.

Collector: Tanya Chan-ard. November 1987.

***Larutia nubisilvicola* Chan-ard, Cota, Makchai and Lhaotaew, 2011**

Chan-ard, T. M. Cota, S. Makchai and S. Lhaotaew. A New Species of *Larutia* (Squamata: Scincidae) Found in Peninsular Thailand. *The Thailand Natural History Museum Journal* 5(1): 57–65.

Holotype: 11799 (adult female).

Locality: San Yen, Khao Nan National Park, Nopphitam District, Nakhon Si Thammarat Province, Thailand.

Collectors: Tanya Chan-ard, Michael Cota, Sunchai Makchai and Suttinee Lhaotaew, 20 April 2007.

***Tropidophorus hangnam* Chuaynkern, Nabhitabhata, Inthara, Kamsook and Somsri, 2005**

Chuaynkern, Y., J. Nabhitabhata, C. Inthara, M. Kamsook and K. Somsri. 2005. A New Species of the Water Skink *Tropidophorus* (Reptilia: Squamata: Scincidae) from Northern Thailand. *The Thailand Natural History Museum Journal* 1(2): 165–175.

Holotype: THNHM 05776 (adult male).

Locality: Phu Khiew (Phu Khiao) Wildlife Sanctuary, Khon San District, Chaiyaphum Province, Thailand.

Collectors: Kittisak Somsri and Samai Pissanu. 2004.

Paratypes: 9 specimens THNHM 05777–85 (adult females).

Locality: Same as holotype.

Collectors: Same as holotype.

***Tropidophorus latiscutatus* Hikida, Orlov, Nabhitabhata and Ota, 2002**

Hikida, T., N.L. Orlov, J. Nabhitabhata and H. Ota. 2002. Three New Depressed-bodied Water Skinks of the Genus *Tropidophorus* (Lacertilia: Scincidae) from Thailand and Vietnam. *Current Herpetology* 21(1): 9–23.

Holotype: THNHM 05830 (adult male).

Original Number: TNHM-R 6001.

Locality: Phu Wua Wildlife Sanctuary, Nong Khai Province, Thailand.

Collectors: Jarujin Nabhitabhata, Masafumi Matsui, Hidetoshi Ota, Toda Maru and Kunio Araya. 21 October 1996.

Paratypes: 4 specimens THNHM 05826–28 (adult females); THNHM 05829 (adult male).

Locality: Same as holotype.

Collectors: Same as holotype.

***Tropidophorus matsuii* Hikida, Orlov, Nabhitabhata and Ota 2002**

Hikida, T., N.L. Orlov, J. Nabhitabhata and H. Ota. 2002. Three New Depressed-bodied Water Skinks of the Genus *Tropidophorus* (Lacertilia: Scincidae) from Thailand and Vietnam. *Current Herpetology* 21(1): 9–23.

Holotype: THNHM 05825 (adult male)

Original Number: TNHM-R 6006 (KUZ R40540).

Locality: Phu Pha Nam Thip, Roi Et Province, Thailand.

Collectors: Jarujin Nabhitabhata, Masafumi Matsui, Hidetoshi Ota, Toda Maru and Kunio Araya, 25 October 1996.

Suborder Ophidia Letreille, 1804**Superfamily Colubroidea Oppel, 1811****Family Colubridae Oppel, 1811****Subfamily Colubrinae Oppel, 1811*****Boiga saengsomi* Nutaphand, 1985**

Nutaphand, W. Subfamily Boiginae. *Thai Zoological Centre, Bangkok* 1(1): 1–6 (in Thai).

Holotype: THNHM 15520 (adult male).

Locality: Ban Khao Phanom, Khao Phanom District, Krabi Province, Thailand.

Collector: Boontor Sangmahasom, 13 June 1983.

***Oreorhis porphyraceus coxi* (Schulz and Helfenberger, 1998)**

Original Name: *Elaphe porphyracea coxi* Schulz and Helfenberger, 1998

Schulz, K.-D. and N. Helfenberger. 1998. Eine Revision des Unterarten-Komplexes der Roten Banbusnatter *Elaphe porphyraceus* (Cantor, 1839). *Sauria, Berlin* 20(1): 25–45.

Paratype: THNHM 00435 (female).

Original Number: CTNRC 03771.

Collector: Tanya Chan-ard, 1990.

Subfamily Natricinae Bonaparte, 1838

***Opisthotropis maculosa* Stuart and Chuaynkern, 2007**

Stuart, B.L. and Y. Chuaynkern. 2007. A new *Opisthotropis* (Serpentes: Colubridae: Natricinae) from Northeastern Thailand. *Current Herpetology* (2007) 26: 3–40.

Holotype: THNHM 05343 (adult male).

Locality: Phu Wua Wildlife Sanctuary, Nong Khai Province, Thailand.

Collectors: Yodchaiy Chuaynkern, Sunchai Makchai, Chatchaiy Chuechat, and Bryan Stuart, 7 September 2004.

Synonymized Type Specimens

The following species were previously added to the type specimen catalogue, but have since been synonymized:

Class Reptilia Laurent, 1768

Order Squamata Opper, 1811

Suborder Sauria Macartney, 1802

Superfamily Gekkota Cuvier, 1817

Family Gekkonidae Gray, 1825

***Cyrtodactylus phuketensis* Sumontha, Pauwels, Kunya, Nitikul, Samphanthamit and Grismer, 2012**

Sumontha, M., O.S.G. Pauwels, K. Kunya, A. Nitikul, P. Samphanthamit and L.L. Grismer. 2012. A new forest-dwelling gecko species from Phuket Island, Southern Thailand, related to *Cyrtodactylus macrotuberculatus* (Squamata: Gekkonidae). *Zootaxa* 3522: 61–72.

Former paratype: **THNHM 15378** (adult male).

Synonymized with *Cyrtodactylus macrotuberculatus*:

Termprayoon, K., A. Rujirawan, L.L. Grismer, P.L. Wood, Jr. and A. Aowphol. 2021. Taxonomic reassessment and phylogenetic placement of *Cyrtodactylus phuketensis* (Reptilia, Gekkonidae) based on morphological and molecular evidence. *ZooKeys* 1040: 91–121.

***Gekko taylori* Ota and Nabhatabhita, 1991**

Ota, H. and J. Nabhatabhita. 1991. A new species of *Gekko* (Gekkonidae: Squamata) from Thailand. *Copeia* 1991(2): 503–509.

Former holotype: **THNHM 20010** (adult male).

Original number: TNRC 52-3794.

Synonymized with *Gekko siamensis*:

Kluge, A.G. 2001. Gekkotan lizard taxonomy. *Hamadryad* 26(1): 1–209.

Acknowledgements

The authors would like to thank Chainupon Suwannakumpaisan of the Natural History Museum, National Science Museum, Thailand for his help looking into the collection database and for tracking down specimens.

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