

**A new species of karst-associated kukri snake (Reptilia: Squamata: Colubridae: *Oligodon* Fitzinger, 1826) from southern Thailand**

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**Appendix S1**

List of referred *Oligodon* specimens examined for comparative morphological analysis. See materials and methods for museum acronyms.

***Oligodon annamensis* (n = 3):** Thailand: Chanthaburi Province: UF 69743. Vietnam: Dak Lak Province: ZMMU Re-14304; Bien Hoa Province: USNM 90408 (holotype).

***Oligodon catenatus* (n = 18):** Myanmar: Mandalay Region: NHMUK 1946.1.1.61–62 (syntypes of *Oligodon herberti*); Kachin State: NHMUK 1925.9.17.19, 1925.4.2.49, 1938.10.1.2–1.3, 1940.6.5.3–5.9, 1974.873–875. Vietnam: Nghê An Province: FMNH 255565.

***Oligodon “cinereus”* (n = 50):** China: Hainan: ANSP 11432 (holotype of *Holarchus dolleyanus*); Guangdong Province: MCZ R-175895; Myanmar: No further locality data: NHMUK 84.5.8.11, 1908.6.23.36–40, 1908.6.23.41–42; 1924.1.30.1; Bago Region: CAS 239681; Chin State: CAS 235368; Kachin State: NHMUK 1940.6.5.2, 1969.1843–1844; Kayin State: MSNG 31983 (1–3); Magway Region: CAS 235360; Rakhine State: CAS 205028, 240006; Sagaing Region: CAS 210159, 215597, 215605, 232188; Shan State: CAS 215261, 216337; NHMUK 91.11.26.32–33, 1908.6.23.44; Yangon Region: CAS 213379, 213423–424; NHMUK 1908.6.28.43, 1940.3.3.7–3.8. Thailand: No further locality data: MCZ R-46877; Nakhon Ratchasima Province: FMNH 180188–180195; Phetchabun Province: ANSP 21957; Vietnam: Bắc Kạn Province: FMNH 179261; Phu Tho Province: ZMMU Re-16678.

***Oligodon cinereus sensu stricto* (n = 17):** Cambodia: Mondolkiri Province: FMNH 259201; Vietnam: Binh Phuoc Province: ZMMU Re-13443; Dong Nai Province: FMNH 262190; USNM 90009–11; UMMZ 55799; ZMMU Re-11473, Re-13586, Re-13865 (holotype of *Oligodon cattienensis*), Re-13866, Re-13815 (paratypes of *O. cattienensis*), Re-15699–700; Gia Lai Province: FMNH 252146; Ho Chi Minh City: USNM 73850; Lam Dong Province: ZMMU Re-13271, Re-13946.

***Oligodon chinensis* (n = 3):** Vietnam: Cao Bang Province: ROM 35626; Hia Duong Province: ROM 34540; Tuyen Quang Province: ROM 30824.

***Oligodon cyclurus* (n = 54):** Myanmar: No further locality data: MCZ R-177743–744, MCZ R-2281, R-3647, R-4205; NHMUK 68.4.9.7–9.8, 68.4.3.52–3.54, 1908.6.23.47; Ayeyarwady Region: CAS 204963, 213299, 222679, 222888; NHMUK 1938.8.7.29; USNM 587335; Bago Region: NHMUK 93.1.16.3, 1924.1.30.2; Chin State: CAS 220123; Kachin State: MSNG 30525 (1–2, 5), 30259; USNM 123439; Mandalay Region: CAS 216181; NHMUK 1925.9.18.1–18.6; 1925.11.22.36–37; Sagaing Region: CAS 215602, 211598; USNM 520625, 524069–70, 537439; Shan State: CAS 236093, MSNG 31969, NHMUK 1970.1982; Tanintharyi Region: NHMUK 84.5.8.12, 1940.3.4.39; Yangon Region: CAS 208430, 213326, 213502; NHMUK 1908.6.23.48–49 (1–4), UF 48849.

***Oligodon deuvei* (n = 2):** Vietnam: No further locality data: MCZ R-5980; Dong Nai Province: FMNH 262188.

***Oligodon dorsalis* (n = 8):** Myanmar: Chin State: CAS 233295, 235310, 235362–63, 235365; MCZ R-44746; NHMUK 1940.6.5.10; Kachin State: CAS 230264.

***Oligodon fasciolatus* (n = 17):** China: Yunnan Province: UMMZ 184510; Myanmar: No further locality data: NHMUK 1908.6.23.46; Kachin State: CAS 232513, 232532; MSNG 30525 (3–4), 30260; NHMUK 1929.12.1.13; USNM 123438; Sagaing Region: AMNH 58519; Shan State: NHMUK 93.10.9.12, 1977.210,

1970.1981; Thailand: Lampang Province: MCZ R-13316; Chiang Mai Province: ANSP 19889, UF 69100; Nakhon Ratchasima Province: FMNH 263789.

***Oligodon formosanus* (n = 3):** Vietnam: Cao Bang Province: ROM 35629; Hia Duong: ROM 35806; Tuyen Quang Province: ROM 30823.

***Oligodon huahin* (n = 2):** Thailand: Phetchaburi Province: ZMMU Re-16489; Prachuap Khiri Khan Province: USNM 94932.

***Oligodon inornatus* (n = 1):** Cambodia: Koh Kong: FMNH 263391.

***Oligodon joysoni* (n = 5):** Thailand: Chiang Mai Province: FMNH 179256–57, FMNH 179275, ZMMU Re-16480; Loei Province: FMNH 135327.

***Oligodon kampucheanensis* (n = 1):** Cambodia: Sihanoukville Province: FMNH 271565.

***Oligodon mouhoti* (n = 2):** Thailand: Prachuap Khiri Khan Province: FMNH 179250, MCZ R-46877.

***Oligodon ocellatus* (n = 1):** Vietnam: Dong Nai Province: FMNH 262187.

***Oligodon pseudotaeniatus* (n = 1):** Thailand: Nakhon Ratchasima Province: FMNH 180203.

***Oligodon purpurascens* (n = 4):** Indonesia: Riau Province (Sumatra): MCZ R-9326; Sumatra (no further locality data): UMMZ 80488; Malaysia: Sarawak: MSNG 30573; Thailand: No further locality data: UF 117273.

***Oligodon signatus* (n = 2):** Malaysia: Sarawak: FMNH 269039, 269660.

***Oligodon taeniatus* (n = 7):** Thailand: No further locality data: MCZ R-20372, R-177745; Nakhon Ratchasima Province: FMNH 263790; Vietnam: No further locality data: MCZ R-4080, R-52112–114.

***Oligodon theobaldi* (n = 38):** Myanmar: No further locality data: AMNH 43389–43392; MCZ R-3910; NHMUK 1908.6.23.52–53, 1946.1.3.18–19 (syntypes of *Simotes beddomei*); Bago Region: MSNG 30252; NHMUK 1885.6.18.9, 1891.11.26.19; Kachin State: MSNG 30253 (1–2); Magway Region: CAS 210840–41, 213896; NHMUK 93.11.17.13; ZMMU NAP-08276; Mandalay Region: CAS 210710–11, 215925, 215982, 216052, 231428; NHMUK 1925.4.2.36–39, 1925.5.25.16, USNM 134070; Sagaing Region: NHMUK 1908.6.23.54, USNM 520624, 524068; Shan State: NHMUK 1925.12.22.35; Yangon Region: MCZ R-3695, R-3679; NHMUK 1946.1.4.9 (holotype).

## Appendix S2

Expanded phylogeny of *Oligodon* excluding outgroup genera showing relationships of species outside of the *O. cinereus* species complex. For voucher specimen information and GenBank accession numbers see Table S1. Numbers at tree nodes correspond to ML UFBS / BI PP support values, respectively; an en-dash denotes no support. Colors of clades and locality numbers correspond with those seen in Figure 1.

