

Supplementary Materials

Examined specimens of the species groups of *Amolops* discussed in this study. For museum abbreviations, please see “Materials and Methods”.

Amolops monticola group

Amolops aniqiaoensis (n=6): KIZ 011138–39 (2♂♂), KIZ 011136–37, 011158, CIB 35332 (4♀♀), Mêdog, Tibet, China.

Amolops chaochin (n=10, types excluded): CIB 33468–69, 33481, 33492, 33500, 33513 (6♂♂), CIB 33471, 33500 (two paired specimens), Mt. Emei, Sichuan, China.

Amolops chunganensis (n=24): CIB 33536 (1♂), CIB 118077 (♀), Mt. Wuyi, Fujian, China. CIB 116985–88 (4♂♂), Mt. Wuyi, Jiangxi, China. CIB 116992, 117000, 117288, 117381–82, 117397–403, 117424, 117436, 117439, 117445 (15♂♂), CIB 117408, 117430, 117288 (3♀♀), Guilin, Guangxi, China.

Amolops deng (n=13): KIZ 05904, 014070–71, 05900–03, 014117–18 (9♂♂); KIZ 014069, 014115–16, CIB 35331 (4♀♀), Zayü, Tibet, China.

Amolops nyingchiensis (n=18, types): KIZ 016432–33, 016415, 012633–35 (6♂♂), KIZ 016416–18, 016419–24, 016435, 012632, 012646 (12♀♀), Nyingchi, Tibet, China.

Amolops tuanjieensis (n=36): KIZ 75I215, 75I222–40, 75I242–44, 75I246, 75I248–50, 75I252–57 (33♂♂), KIZ75216, 75I218, 75I220 (3♀♀), Lafu, Menglian, Yunnan, China.

Amolops chayuensis group

Amolops chayuensis (n=19): KIZ 014016, 014019–21, 014028–34 (12♂♂), KIZ 014017–18, 014022–26 (7♀♀), Baxoi, Tibet, China.

Amolops viridimaculatus group

Amolops beibengensis (n=3, types): KIZ 011015 (1♂), KIZ 016396–97 (2♀♀), Mêdog, Tibet, China.

Amolops gyirongensis (n=10, types): KIZ 012536–37, 032418 (3♂♂), KIZ 032419–21,

012533–35, 012538 (7♀♀), Gyirong, Tibet, China.

Amolops medogensis (n=5): KIZ 06634 (1♂), KIZ 06635–37, 016438 (4♀♀), Mêdog, Tibet, China.

Amolops pallasitatus (n=2, types), SYNU 1507034–35 (2♀♀), Dinggyê, Tibet, China.

Amolops viridimaculatus (n=4): SYS a003753–54, 3812–13, Tengchong, Yunnan, China.

Amolops wanyufani (n=3, types): KIZ 014068, 014067 (2♂♂), KIZ 014114 (1♀), Zayü, Tibet, China.

A. marmoratus group

Amolops afghanus (n=17): SYS a003852–55, 3869–73, 5814–21, Yingjiang, Yunnan, China.

Amolops yarlungzangbo (n=7, types): KIZ 032393–94 (2♂♂), KIZ 032391–92 (mistakenly written as “03291–92” in original description), 020452, 014086 (5♀♀), Mêdog, Tibet, China.

Amolops mantzorum group

Amolops mantzorum (n=10): SYS a005362–68, 5370–72, Baoxing, Sichuan, China.

Amolops shuichengicus (n=12, types): SYS a004972, 7151, 7152, 7154–58 (8♂♂), SYS a004956–58, 4971 (4♀♀), Shuicheng, Guizhou, China.

Amolops xinduqiao (n=30, types in part): CIB 34875–76, 34878, 34880, 34882, 34887, 34897, 34900, 34905, 34927, 34939, 34942, 34944, 34962–63 (15♂♂), CIB 34877, 34906, 34910, 34923–24, 34926, 34930, 34933, 34943, 34945, 34954, 34956, 34958–59, 34961 (15♀♀), Kangding, Sichuan, China.