

Supplemental material S1. Complete list of material examined. Asterisks (*) denote measured specimens. Institutional acronyms are described in the materials and methods.

Holaspis guentheri (151 specimens)

Angola: Lunda Sul Province: Alto Cuílo [-10.0200°, 19.5500°, 1263 m] (MD 5313a, 5313b); Alto Chicapa [-10.8800°, 19.2300°, 1319 m] (MD 5482, 5468, 5486a, 5468b). Benin: Atlantique Department: Lama Forest (teak plantation) [6.9167°, 2.1667°, 72 m] (ZFMK 77071). Cameroon: Adamawa Region: Mwinkwing, bords Sud du lac Tikar [6.0700°, 11.4100°, 720 m] (MNHN-RA 2005.0613–17, 2005.0648–53, 2005.1353); Centre Region: 20 m N of Lolodorf [3.5257°, 10.7293°, 368 m] (CAS 103167); 3 mi W Yaounde, Agronomy Experimental Station [3.8659°, 11.4630°, 754 m] (CAS 104565); Metet [3.4429°, 11.7627°, 699 m] (MCZ R-13267); East Region: Messok, Est de Lomié [3.0820°, 14.0720°, 641 m] (MNHN-RA 2005.0612); Littoral Region: Bissiang [3.6080°, 10.0560°, 30 m] (MNHN-RA 2005.0606); South Region: Bipindi [3.0760°, 10.4110°, 71 m] (MNHN-RA 2005.0604); Bitye [3.0167°, 12.3667°, 656 m] (AMNH R-5275, 7676; CAS 54844; MCZ R-8088); Ebolowa [2.9200°, 11.1500°, 602 m] (MNHN-RA 2005.0607); Efoulén [2.7667°, 10.7167°, 638 m] (AMNH R-28677; BMNH 1902.11.12.26*); Foulassí [3.1280°, 12.2951°, 637 m] (ZFMK 7887, 7888); Kribi [2.9500°, 9.9170°, 24 m] (MCZ R-12343, 12344, 19261); Lolodorf [3.2337°, 10.7295°, 449 m] (CM 9339*, 9356*, 9375*); Ma'an village [2.3720°, 10.6190°, 525 m] (MNHN-RA 2005.0608); Messama, à l'Est d'Akom II [2.7090°, 10.8230°, 597 m] (MNHN-RA 2005.0610, 2005.0611); Sangmélíma [2.9372°, 11.9862°, 657 m] (CM 7066*, 8032*, 8065*); South-West Region: Obonye 3 [6.1490°, 9.2990°, 151 m] (MNHN-RA 2005.0605); Takamanda [6.0270°, 9.2770°, 146 m] (MNHN-RA 2005.1352); West Region: Magba [5.9770°, 11.2320°, 729 m] (MNHN-RA 2005.0609). Central African Republic: Lobaye Prefecture: Iben-gué [3.5482°, 18.2003°, 399 m] (MNHN-RA 1995.4425, 1997.2810, 1997.2811); S.C.A.D. [3.6511°, 18.0222°, 369 m] (MNHN-RA 1995.9627); Ombella-M'Poko Prefecture: Zimba [4.1227°, 18.6199°, 344 m] (MNHN-RA 1995.9628, 1995.9629). Democratic Republic of the Congo: Équateur Province: Boteka [-0.3333°, 19.0833°, 331 m] (RMCA 1985.30.R.57–62, 1985.52.R.79, 1985.52.R.80, R.9283); Eala [0.0667°, 18.3333°, 306 m] (RMCA R.10278, R.14836, R.14840); Mabali, Lake Tumba [-0.8875°, 18.1396°, 305 m] (AMNH R-99311); Lukolela, Congo River [-1.0797°, 17.1657°, 329 m] (AMNH R-45870, 45872–78); Haut-Uele Province: Medje [2.3985°, 27.3009°, 734 m] (AMNH R-10709, 10711, 10714–17; NMB 8453); Ituri Province: Ituri Forest, E of Ituri River [1.8513°, 30.0098°, 1098 m] (BMNH 1930.6.11.24*, 1930.6.11.25); Monghwalu [1.9500°, 30.0333°, 1226 m] (RMCA R.11916); Lomami Province: Gandajika [-6.7500°, 23.9500°, 804 m] (IRSNB 4612); Mai-Ndombe Province: Bokoro [-2.8333°, 18.3833°, 310 m] (RMCA R.16556); Lac Léopold II (= Lake Mai-Ndombe) [without precise locality] (RMCA R.634); Makaw, riv. Kasai [-3.4667°, 18.3000°, 312 m] (RMCA R.21136); Nord-Kivu Province: Walikale Territory, Irangi, Kivu [-1.0100°, 28.2700°, 900 m] (UF 27575; ZFMK 55659); Sankuru Province: Kondue [-4.9654°, 23.3231°, 553 m] (RMCA R.1577); Sud-Kivu Province: Mt. Kahusi, km. 82 [-2.2167°, 28.7000°, 2723 m] (RMCA R.19863); Tshopo Province: Environs de Stanleyville (= Kisangani) [0.51667°, 25.2000°, 400 m] (RMCA R.15688); Kisangani, Plantation arbres de caoutchou (ÉVÉA) à Lula, rive gauche [0.4400°, 25.2003°, 427 m] (RMCA 1988.50.R.1); Yaikela, Tshopo [0.8061°, 24.2839°, 378 m] (IRSNB 19537); Tshuapa Province: Boende [-0.2766°, 20.8910°, 335 m] (RMCA R.5617); Undetermined locality: Bas-Congo [without precise locality] (RMCA R.916). Equatorial Guinea: Centro Sur Province: Monte Alen National Park, near ECOFAC station and hotel [1.6500°, 10.3000°, 800 m] (IRSNB 16639). Gabon: Moyen-

Ogooué Province: Ngomo, Bas-Ogooué [-0.8393°, 9.9819°, 20 m] (MNHN-RA 1906.177); Ogooué-Maritime Province: Toucan [-1.7695°, 9.8837°, 57 m] (IRSNB 17286); Woleu-Ntem Province: Benito River, French Congo [without precise locality] (BMNH 1901.8.1.9*, 1901.8.1.10*, 1901.8.1.11, 1901.8.1.12, 1901.8.1.12a); Mit-zic [0.7785°, 11.5721°, 567 m] (BMNH 1958.1.2.96*). Ghana: Eastern Region: Kade, Agricultural Station [6.1359°, -0.9200°, 157 m] (CAS 103301); Western Region: Achim [5.7998°, -0.4008°, 353 m] (ZFMK 16317); Western North Region: Bibianaha (= Bibiani) [6.4703°, -2.3313°, 291 m] (BMNH 1912.2.15.41); Undetermined locality: Gold Coast [without precise locality] (NMB 4381). Ivory Coast: Abidjan District: Réserve du Banco [5.3899°, -4.0538°, 38 m] (MNHN-RA 1946.100); Lacs District: Toumodi [6.5580°, -5.0177°, 160 m] (MNHN-RA 1993.666); Undetermined locality: Liberia [without precise locality] (NMB 15110). Liberia: Montserrado County: Mt. Coffee [6.4873°, -10.6496°, 25 m] (USNM 24287–89, 27838). Nigeria: Cross River State: Oban, Calabar [5.2224°, 8.5549°, 123 m] (BMNH 1912.4.29.1*); Delta State: Abo [5.5478°, 6.5259°, 18 m] (BMNH 1902.11.10.2*); Ogun State: Ijebu Odé [6.7833°, 3.9667°, 56 m] (ZMUC R45913, R45914); Iperin [6.5237°, 3.0732°, 21 m] (ZMUC R45183); Yemoji [6.7592°, 3.9711°, 20 m] (ZMUC R45164, R45165, R45180, R45181, R45915, R45917, R45918); Rivers State: Afam, Port Harcourt [4.8016°, 7.3274°, 21 m] (BMNH 1966.345); nr. Port Harcourt [4.8340°, 7.0202°, 10 m] (MCZ R-51819). Republic of Guinea: Nzérékoré Region: N'Zérékoré [7.7590°, -8.8160°, 486 m] (ZMUC R45102, R45103); Nzo [7.6739°, -8.3172°, 466 m] (MNHN-RA 1943.66); Toukakarta [7.6167°, -8.3500°, 587 m] (MNHN-RA 1951.86); Ziela [7.7128°, -8.3592°, 541 m] (MNHN-RA 1951.87). Republic of the Congo: Cuvette Department: N'Kogo, Congo Français [-1.3701°, 16.6954°, 290 m] (MNHN-RA 1903.298); Undetermined locality: Congo Français [without precise locality] (MNHN-RA 1900.311). Sierra Leone: Undetermined locality: Sierra Leone [without precise locality] (BMNH 1889.12.16.65*, 1889.12.16.66; NMB 4380). Togo: Plateaux Region: Missahohoe [6.9500°, 0.5833°, 571 m] (ZMUC R45182). Uganda: Western Region: Budongo Forest [1.7500°, 31.5833°, 1059 m] (MCZ R-47420). Undetermined Locality: no locality data (BMNH 1946.8.7.31* [holotype]); Congo Français ou Gabon [without precise locality] (MNHN-RA 1901.538–40); Congo [without precise locality] (ZFMK 58680); Guinea [without precise locality] (ZFMK 60563).

Holaspis laevis (57 specimens)

Democratic Republic of the Congo: Haut-Katanga Province: Environs d'Elisabethville (= Lubumbashi) [-11.7135°, 27.4828°, 1192 m] (IRSNB 4530); Rivière Kaziba (affluent de la rive gauche de la Senze et sous-affluent de la rive droite de la Lufira), Parc National Upemba [-9.1374°, 26.8814°, 906 m] (IRSNB 7832–34, 22763); Haut-Lomami Province: Munoi (bifurcation de la rivière Lupiala, affluent de la rive droite de la Lufira), Parc National Upemba [-8.6638°, 26.8300°, 718 m] (IRSNB 7835, 7836, 22764, 22765). Malawi: Meridional Region: Lujeri Estate, Mt. Mlanje [-16.0338°, 35.6546°, 700 m] (AMNH R-90651; BMNH 1963.138; IRSNB 10935); Ruu River, Mt. Mlanje [-15.9644°, 35.6536°, 1042 m] (MCZ R-51006); Zomba [-15.3649°, 35.3219°, 1212 m] (BMNH 1894.2.13.6*). Mozambique: Manica Province: Amatongas [-19.1007°, 33.7721°, 454 m] (BMNH 1933.7.1.102*, 1933.7.1.103*). Tanzania: Lindi Region: Kilwa [-8.9659°, 39.4971°, 14 m] (MCZ R-52515); Liwale [-9.766°, 37.9333°, 495 m] (BMNH 1983.1275*, 1983.1276, 1983.1277, 1986.377*; MCZ R-50011–13, 52516–22); Morogoro Region: Kimboza Forest, ca. 1 km N Ruu River below Kibungo village, Ulu-

guru Mts. [-7.0136°, 37.8137°, 387 m] (BMNH 1983.1081*; UF 60485–89); Njokamoni River drainage, Udzungwa Mountains National Park [-7.8158°, 36.8542°, 1036 m] (AMNH R-143645); Tanga Region: Amani, Eastern Usambara Mts. [-5.1000°, 38.6333°, 905 m] (BMNH 1932.3.1.1a*, 1932.3.1.1b*, 1935.4.1.33; CM 38122*, 38123*; MNHN-RA 1980.30, 1980.31; MCZ R-24145); Magoroto Mtn., Eastern Usambara Mts. [-5.1135°, 38.7525°, 746 m] (UF 60490, 60491, 130029; MCZ R-47421, 47422); Usambara [-4.9423°, 38.3518°, 793 m] (BMNH 1946.8.7.25* [holotype]); Bamba Ridge Forest Reserve [-4.9500°, 38.7833°, 506 m] (CAS 245042); Kilanga Forest Reserve [-4.9000°, 38.6833°, 1170 m] (CAS 162630); Tanga [-5.0652°, 39.0888°, 7 m] (ZFMK 16316); Undetermined locality: Tanzania [without precise locality] (ZFMK 73615). Undetermined Locality: no locality data (MNHN-RA 2016.0010).

Holaspis ngalangi sp. n. (2 specimens)

Angola: Huíla Province: Caconda [-13.7371°, 15.0614°, 1674 m] (BMNH 1906.8.24.56* [paratype], 1906.8.24.57* [holotype]).