

Catalogue of Type Specimens of Reptiles in the Herpetological Collections of Chengdu Institute of Biology, the Chinese Academy of Sciences

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Abstract.— There are nearly 15,000 specimens and 300 species of Chinese reptiles that are preserved in the herpetological collections of Chengdu Institute of Biology (CIB), the Chinese Academy of Sciences, these species are over 70% of the known species in China. Most of these specimens were collected by the scientific research personnel in the herpetology department of CIB in sixty years. In these specimens there are about 400 type series specimens (28 species or subspecies) which were selected by the scientific research personnel in the herpetology department of CIB when they described the new taxon. In order to reflect the achievements in scientific research on Chinese reptiles in CIB and provide the facility to scientific research and academic exchange, it is helpful to list all of the type specimens in the collections.

Key words.— Reptiles, type specimens, Chengdu Institute of Biology, China.

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LACERTILIA

AGAMIDAE:

Calotes medogensis Zhao and Li, 1984

Acta Herpetol. Sin., Chengdu, [new ser.], 3(4): 77.

Holotype: CIB 8370177, Male; Yarang, Medog Co., Xizang Autonomous Region; 910 m; Coll. S. Q. Li, 7. 23, 1983.

Japalura szechwanensis Hu and Zhao, 1966

Acta Zootaxon. Sin., Peking, 3(2): 158.

Holotype: CIB 613047, Male; Baishui He, Peng Co., Sichuan Prov.; 2000 m; Coll. C. C. Liu; 5. 9, 1961.

Allotype: CIB 6130460, Female; the same locality and time as holotype.

Paratype: CIB 625131, Male; Mt. Erlang, Tianquan Co., Sichuan Prov.; 1400 m; 8, 1962.

Laudakia papenfussi Zhao, 1998

Zoological Research, Kunming, 19(5): 401.

Holotype: CIB 775001, Male; Mayang River Valley between Mayang Village and Diya Village, Zanda Co., Xizang Autonomous Region; 3300 m; Coll. R. Z. Zhang; 7. 1, 1976.

Laudakia wui Zhao, 1998

Acta Zootaxon. Sin., Beijing, 23(4): 440.

Holotype: CIB 7315012, Male; Yi'ong, Bomi Co., Xizang Autonomous Region; 2350 m; Coll. Y. M. Jiang; 6. 11, 1973.

Allotype: CIB 7315014, Female; the same locality and date as the holotype.

Paratypes: CIB Nos. 7315011, 7315013, Females, CIB Nos. 7315008–10, Juveniles; the same locality and date as the holotype; CIB Nos. 7315037–38, Juveniles; between Tangmai and Yi'ong, Bomi Co.,

Xizang Autonomous Region; 2150 m; Coll. X. E. Wu; 7. 5, 1973.

***Phrynocephalus vlanguai hongyuanensis* Zhao, Jiang, and Huang, 1980**

Acta Zool. Sinica, Beijing, 26(2): 178.

Holotype: CIB 785795, Male; Coll. E. M. Zhao; 7. 25, 1978.

Allotype: CIB 785825, Female; Coll. Y. M. Jiang; 8. 2, 1978.

Paratypes: CIB Nos. 755111-12, 755114-15, 785793-94, 785796-824, 785826-27, 7 Males and 27 Females;

Coll. Y. Gao; 8, 1978.

Hongyuan Co., Sichuan Prov.; 3500 m.

=*Phrynocephalus hongyuanensis* Zhao, Jiang, and Huang, 1980

Ref: Y. Z. Wang and Y. M. Jiang, (1992), in: Y. M. Jiang (ed.), Coll. Papers Herpetol., Chengdu: 111.

***Phrynocephalus zetangensis* Wang, Zeng, and Wu, 1996**

Zoological Research, Kunming, 17(1): 27.

Holotype: CIB 0156, Male.

Allotype: CIB 0157, Female.

Paratypes: CIB 0151, Male; CIB Nos. 0154, 0158, Female; CIB 0155, Juvenile.

Zetang, Xizang Autonomous Region; 3950 m; Coll. Z. L. Fang and Z. J. Liu; 7. 5, 1993.

GEKKONIDAE:

***Tenuidactylus medogensis* Zhao and Li, 1987**

Acta Herpetol. Sin., Chengdu, [new ser.], 6(1): 48.

Holotype: CIB 8380188, Female.

Paratype: CIB 8380187, Juvenile (Male ?).

Kabu, Medog Co., Xizang Autonomous Region; 1250 m; Coll. S. Q. Li; 1983.

=*Cyrtodactylus medogensis* (Zhao and Li, 1987)

Ref: Zhao, E. M. and K. Adler, (1993), Herpetology of China, Oxford (Ohio), p: 179.

SCINCIDAE:

***Eumeces liui* Hikida and Zhao, 1989**

Copeia, Gainesville, (1): 111.

Allotype: CIB 645026, Male; Wuchang, Hubei Prov.; 3. 31, 1965.

***Scincella huanrenensis* Zhao and Huang, 1982**

Acta Herpetol. Sin., Chengdu, [new ser.], 1(1): 3.

Paratypes: CIB Nos. R810012, R810014, R810015-18, R810040-41; Huanren Co., Liaoning Prov.; 700 m;

Coll. K. C. Huang; 5. 8, 1981.

***Leiopisma tsinlingensis* Hu and Zhao, 1966**

Acta Zool. Sin., Peking, 18(1): 82.

Holotype: CIB 627050, Male; 1800 m; Coll. G. F. Wu and E. M. Zhao; 6. 13, 1962.

Allotype: CIB 627039, Female; 1820 m; 6. 10, 1962.

Paratypes: Cib Nos. 627025-27, 627029, 627051-53, Males, CIB Nos. 627020-24, 627034-36, 627040-627049, 627069, Females, CIB Nos. 627028, 627030-32, 627054-62, 627070, Juveniles.

Mt. Tsinling [= Qinling], Chouchih [= Zhouzhi Co.], Shaanxi Prov..

=*Scincella tsinlingensis* (Hu and Zhao, 1966)

Ref: Y. Z. Wang and E. M. Zhao, (1986), Acta Herpetol. Sin., Chengdu, [new ser.], 5(4): 276.

SERPENTES

XENOPELTIDAE:

Xenopeltis hainanensis Hu and Zhao, 1972

Key Chin. Snakes [= Mater. Herpetol. Res., 1], Chengdu: 36.

Holotype: Cib 64III6016, Male; Dali, Mt. Diaoluo, Hainan Prov.: 200 m; 5. 15, 1964.

Allotype: CIB 64III6650, Female; Yacha Matou, Baisa Co., Hainan Prov.: 217 m; 9. 4, 1964.

=*Xenopeltis hainanensis hainanensis* Hu and Zhao, 1972

Ref: E. M. Zhao, (1995), Sichuan Jour. Zool., Chengdu, 14(3): 107.

COLUBRIDAE:

Achalinus meiguensis Hu and Zhao, 1966

Acta Zootaxon. Sin., Peking, 3(2): 162.

Holotype: CIB 639101, Female; Liang He Kou, Meigu Co., Sichuan Prov.: 2520 m; Coll. X. Y Tang; 5. 22, 1963.

Paratypes: CIB Kang076, Female; Tu Ba Kou, Baoxing Co., Sichuan Prov.; CIB Nos. 561836-37, 570080, Female, CIB Nos. 562154, 562174, 600030, Male; Mt. Omei, Sichuan Prov..

Natrix optata Hu and Zhao, 1966

Acta Zootaxon. Sin., Peking, 3(2): 160.

Holotype: CIB Chuan3624, Male; Liangfeng Gang, Mt. Omei, Sichuan Prov.: 700 m; Coll. C. C Liu; 8. 9, 1940.

Paratypes: CIB Nos. 561760, 562168, 562221, 570072, 600039, 645201, Males, Cib Nos. R001, 561764, 562167, 562231, Females, 2 Juveniles; Mt. Omei, Sichuan Prov.; 1956-1960.

=*Amphiesma optata* (Hu and Zhao, 1966)

Ref: E. M. Zhao and Y. M. Jiang, (1986), Acta Herpetol. Sin., Chengdu, [new ser.], 5(3): 239.

Dinodon rozozonatum Hu and Zhao, 1972

Key Chin. Snakes [= Mater. Herpetol. Res., 1], Chengdu: 36.

Holotype: CIB 64III6089, Male; Dali, Mt. Diaoluo, Hainan Prov.: 200 m; 5. 21, 1964.

Allotype: CIB 64III5246, Female; Mt. Wuzhi, Hainan Prov.: 540 m; 5. 11, 1964.

Paratypes: 3 Males and 5 Females; Mt. Diaoluo, Mt. Wuzhi and Haikou, Hainan Prov.: 80-580 m; 1964-1972.

Macropisthodon rudis multiprefrontalis Zhao and Jiang, 1981

Acta Herpetol. Sin., Chengdu, [old ser.], 5(7): 55.

Holotype: Cib 65I5143, Male; Xichang, Sichuan Prov.: 2650 m; Coll. C. C. Liu; 6. 8, 1965.

Allotype: CIB 65I5142, Female; Xichang, Sichuan Prov.: Xichang, Sichuan Prov.: 2650 m; Coll. G. F. Wu; 6. 8, 1965.

Paratypes: CIB Nos. 65I5001, 65II5148, Males, CIB Nos. 65I5034, 65II5012, Females, CIB 580960, Juvenile; Huili Co., Zhaojue Co., Yuexi Co., and Ganluo Co., Sichuan Prov.: 2000-2630 m; Coll. D. Y. Yang; 8, 1958 and 5-6, 1965.

Oligodon mulizonatum Zhao and Jiang, 1981

Acta Herpetol. Sin., Chengdu, [old ser.], 5(7): 54.

Holotype: CIB 80II0289, Male.

Allotype: CIB 80II0290, Male, CIB Nos. 80II0274, 80II0291, Juveniles.

Luding Co., Sichuan Prov.; 1400 m; 8. 17, 1980.

Opisthotropis guangxiensis Zhao, Jiang, and Huang, 1978

Mater. Herpetol. Res., Chengdu, 4: 21.

Holotype: CIB 602488, Male; Mt. Yao [= Dayao Shan], Guangxi Prov.; 6. 19, 1960.

Allotype: CIB 601588, Female; Mt. Yao [= Dayao Shan], Guangxi Prov.; 4. 28, 1960.

Paratype: CIB 603583, Female; Longsheng Co., Guangxi Prov.; 7. 2, 1960.

***Plagiopholis unipostocularis* Zhao, Jiang, and Huang, 1978**

Mater. Herpetol. Res. Chengdu, 4: 21.

Holotype: CIB 505121, Female; Yunnan Prov..

***Rhabdophis adleri* Zhao, 1997**

Asiat. Herpetol. Res., Berkeley, 7: 166

Holotype: CIB 64III5917, Male; Dali Village in Mt. Diaoluo, Lingshui Co., Hainan Prov.; 225 m; 6. 10, 1964.

Allotype: CIB 64III5228, Female; Mt. Wuzhi, Qiongzong Co., Hainan Prov.; 500 m; 5. 10, 1964.

Paratypes: CIB Nos. 64III5112, 5114-15, Females; 4. 24-25, 1964; CIB 64III5883, male, CIB 64III5441, Juvenile, 6. 1-9, 1964; Mt. Diaoluo, Lingshui Co., Hainan Prov.; 82-217 m; CIB 64III6612, Juvenile; Mt. Yinggeling, Baisha Co., Hainan Prov.; 670 m; 8. 25, 1964.

***Rhabdophis nuchalis pentasupralabralis* Jiang and Zhao, 1983**

Acta Herpetol. Sin., Chengdu, [new ser.], 2(1): 60.

Holotype: CIB 80II0040, Male; 2750 m; Coll. E. M. Zhao; 7. 26, 1980.

Allotype: CIB 80II0056, Female; 2750 m; Coll. Y. M. Jiang; 7. 26, 1980.

Paratypes: 95 Males, 48 Females, and 65 Juveniles; 2750-2850 m; 7. 24-28, 1980.

Jiulong Co., Sichuan Prov..

***=Rhabdophis pentasupralabralis* Jiang and Zhao, 1983**

Ref: E. M Zhao, (1995), Jour. Suzhou Rail. Teach. Coll. (Nat. Sci.), Suzhou (Jiangsu), 12(2): 38.

***Sibynophis chinensis miyiensis* Zhao and Kou, 1987**

Chin. Herpetol. Res., Chengdu, No.1: 4.

Holotype: CIB 105027, Male; Miyi Co., Sichuan Prov.; 880 m; Coll. S. H. Kang; 6, 1986.

Allotype: CIB 105025, Female; Miyi Co., Sichuan Prov.; 880 m; Coll. S. H. Kang; 6, 1986.

Paratypes: CIB Nos. 105026, 105028, 105030-31, Males; CIB 105029, Female; Lugu Lake, Sichuan-Yunnan border; 2600 m; Coll. Z. T. Kou; 1985.

VIPERIDAE:

***Trimeresurus mangshanensis* Zhao, 1990**

Sichuan Jour. Zool., Chengdu, 9(1): 11.

Holotype: CIB ZS8901, Female.

Paratype: CIB ZS8902, Female.

Pingkeng, Mt. Mang, Yizhang Co., Hunan Prov.; 700-900 m; Coll. G. H. Chen and Y. L Tao; 9, 1989.

***=Ermia mangshanensis* (Zhao, 1990)**

Ref: Zhang, F. J., (1993), in: Zhao, E. M. *et al.* (eds.), Proceedings of the First Asian Herpetological Meeting, Beijing, p: 56.

***Agkistrodon shedaoensis* Zhao, 1979**

Acta Herpetol. Sin., Chengdu, [old ser.], 1(1): 4.

Holotype: CIB 79I0005, Male; Shedao, Liaoning Prov.; 5. 19, 1979.

***=Gloydus shedaoensis* (Zhao, 1979)**

Ref: A. R. Hoge *et al.* , (1978/79), Poisonous Snakes of the World. Part I. Check list of the Pit Vipers Viperidae, Viperidae, Crotalinae. Mem. Inst. Butantan, Sao Paulo, 42/43. p: 194.

***Trimeresurus monticola zayuensis* Jiang, 1977**

Acta Zool. Sin., Beijing, 23(1): 67.

Holotype: CIB 73I5024, Male; 1800 m; 7. 22, 1973.

Allotype: CIB 73I5025, Female; 2070 m; 7. 30, 1973.

Paratype: CIB 73II5349, Male; 1965.

Zayu Co., Xizang Autonomous Region.

=*Ovophis zayuensis* (Jiang, 1977)

Ref: E. M. Zhao, (1995), Jour. Suzhou Rai. Teach. Coll. (Nat. Sci.), Suzhou (Jiangsu), 12(2): 37.

***Ovophis monticola zhaokentangi* Zhao, 1995**

Sichuan Jour. Zool., Chengdu, 14(3): 109.

Paratype: CIB 740003, Male; Pianma, Lushui Co., Yunan Prov.; 1980 m; 3. 17, 1974.

***Trimeresurus medoensis* Zhao, 1977**

Acta Zool. Sin., Peking, 23(1): 66.

Holotype: CIB 73II5208, Male; 1200 m; Coll. E. M. Zhao and Y. Gao.

Allotype: CIB 73II5209, Male; 1400 m; Coll. E. M. Zhao and X. E. Wu.

Near A-nie Bridge, Medog Co., Xizang Autonomous Region; 8. 3, 1973.

***Trimeresurus stejnegeri chenbihuii* Zhao, 1995**

Sichuan Jour. Zool., Chengdu, 14(3): 110.

Holotype: CIB 64III5599, Male; Mt. Diaoluo, Lingshui Co., Hainan Prov.; 250 m; 6. 6, 1966.

Allotype: CIB 64III5945, Female; Mt. Diaoluo, Lingshui Co., Hainan Prov.; 250 m; 6. 11, 1966.

Paratypes: CIB Nos. 64III5906, 64III5944, 64III5978-79, 64III6013, 64III6043-44, 64III6069, 64III6101, 64III6104, 64III6107, Males; 64III5600, 64III5735, 64III6014, Females; Mt. Diaoluo, Lingshui Co., Hainan Prov.; 225-290 m; 6. 6-15, 1964. CIB Nos. 64III5110, 64III5181, 64III5261-62, Males; Mt. Wuzhi, Qiongzong Co. Hainan Prov.; 500 m; 4. 23-5. 12, 1964.

***Trimeresurus xiangchengensis* Zhao, Jiang, and Huang, 1978**

Mater. Herpetol. Res., Chengdu, 4: 21.

Holotype: CIB 725050, Male; 3100 m; 10. 7, 1972.

Allotype: CIB 725049, Female; 3200 m.; 10.10, 1972.

Paratypes: CIB 725048, Male; CIB Nos. 725051-57, 5 Females and 2 Juveniles; Xiangcheng Co., Sichuan Prov.; 3000-3200 m; 10. 1-28, 1972.

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