

**Supplementary Table S1.** Occurrence records used for MaxEnt Model of *Chodsigoa hypsibia* and *Anorosorex squamipes* in China.

species	longitude	latitude	locality
<i>Anorosorex squamipes</i>	110.22	33.13	China: Hubei, Hanjiang River
<i>Anorosorex squamipes</i>	108.79	33.83	China: Shaanxi, Ningshan
<i>Anorosorex squamipes</i>	108.57	33.55	China: Shaanxi, Ningshan
<i>Anorosorex squamipes</i>	108.25	26.38	China: Guizhou, Mt. Leigong
<i>Anorosorex squamipes</i>	107.16	28.23	China: Guizhou, Kuankuoshui
<i>Anorosorex squamipes</i>	107.07	28.78	China: Guizhou, Fupa
<i>Anorosorex squamipes</i>	106.92	28.92	China: Chongqing Mt.jinfo
<i>Anorosorex squamipes</i>	106.06	30.82	China: Sichuan, Nanchong
<i>Anorosorex squamipes</i>	105.02	28.50	China: Sichuan, Mt. Folai
<i>Anorosorex squamipes</i>	104.12	30.61	China: Sichuan, Mt. Folai
<i>Anorosorex squamipes</i>	104.08	32.12	China: Sichuan, Beichuan
<i>Anorosorex squamipes</i>	103.73	34.93	China: Gansu, Mt. Lianhua
<i>Anorosorex squamipes</i>	103.62	31.00	China: Sichuan, Min River
<i>Anorosorex squamipes</i>	103.53	29.35	China: Sichuan, Mt. San'e
<i>Anorosorex squamipes</i>	103.32	27.44	China: Yunnan, Zhaotong
<i>Anorosorex squamipes</i>	103.30	29.11	China: Sichuan, Dadu River
<i>Anorosorex squamipes</i>	103.24	22.87	China: Yunnan, Jinping
<i>Anorosorex squamipes</i>	102.99	29.98	China: Sichuan, Ya'an
<i>Anorosorex squamipes</i>	102.99	26.26	China: Yunnan, Dongchuan
<i>Anorosorex squamipes</i>	102.85	28.59	China: Sichuan, Yuexi
<i>Anorosorex squamipes</i>	102.85	26.08	China: Sichuan, Baoxing
<i>Anorosorex squamipes</i>	102.83	30.42	China: Sichuan, Baoxing
<i>Anorosorex squamipes</i>	102.70	30.69	China: Sichuan, Baoxing
<i>Anorosorex squamipes</i>	102.50	30.33	China: Sichuan, Baoxing
<i>Anorosorex squamipes</i>	102.38	29.03	China: Sichuan, Shimian
<i>Anorosorex squamipes</i>	102.29	22.89	China: Yunnan, Mt. Huanglian
<i>Anorosorex squamipes</i>	102.25	30.25	China: Sichuan, Dadu River
<i>Anorosorex squamipes</i>	101.02	24.53	China: Yunnan, Mt. Ailao
<i>Anorosorex squamipes</i>	100.77	24.37	China: Yunnan, Mt. Wuliang
<i>Anorosorex squamipes</i>	100.53	24.56	China: Yunnan, Mt. Wuliang
<i>Anorosorex squamipes</i>	100.17	27.33	China: Yunnan, Mt. Haba
<i>Anorosorex squamipes</i>	100.11	25.70	China: Yunnan, Mt. Cangshan
<i>Anorosorex squamipes</i>	100.00	24.84	China: Yunnan, Fengqing
<i>Anorosorex squamipes</i>	99.83	23.60	China: Yunnan, Gengma
<i>Anorosorex squamipes</i>	99.70	24.20	China: Yunnan, Yongde
<i>Anorosorex squamipes</i>	99.58	26.85	China: Yunnan, Mt. Yulong
<i>Anorosorex squamipes</i>	99.49	23.93	China: Yunnan, Shuangjiang
<i>Anorosorex squamipes</i>	99.36	27.65	China: Yunnan, Weixi
<i>Anorosorex squamipes</i>	99.29	25.87	China: Yunnan, Yunlong
<i>Anorosorex squamipes</i>	99.27	25.26	China: Yunnan, Baoshan
<i>Anorosorex squamipes</i>	99.17	23.75	China: Yunnan, Salween River

<i>Anorosorex squamipes</i>	99.10	25.87	China: Yunnan, Yunlong
<i>Anorosorex squamipes</i>	98.78	25.31	China: Yunnan, Tengchong
<i>Anorosorex squamipes</i>	98.68	25.97	China: Yunnan, Lushui
<i>Anorosorex squamipes</i>	98.67	24.65	China: Yunnan, Longshan
<i>Anorosorex squamipes</i>	98.34	27.79	China: Yunnan, Dulongjiang
<i>Anorosorex squamipes</i>	98.22	25.53	China: Yunnan, Tengchong
<i>Anorosorex squamipes</i>	98.08	24.43	China: Yunnan, Longchuan
<i>Anorosorex squamipes</i>	97.96	24.11	China: Yunnan, Ruili
<i>Chodsigoa hypsibia</i>	117.64	40.20	China: Anhui; Yaoluoping
<i>Chodsigoa hypsibia</i>	116.08	30.99	China: Hebei; Qingdongling
<i>Chodsigoa hypsibia</i>	111.92	38.72	China: Qinghai, Mengda
<i>Chodsigoa hypsibia</i>	110.13	34.09	China: Shanxi, Mt. Luya
<i>Chodsigoa hypsibia</i>	109.50	31.91	China: Shaanxi, badu
<i>Chodsigoa hypsibia</i>	109.36	32.40	China: Shaanxi, luonan
<i>Chodsigoa hypsibia</i>	109.13	33.69	China: Shaanxi, Pingli
<i>Chodsigoa hypsibia</i>	108.78	33.77	China: Shaanxi, zhashui
<i>Chodsigoa hypsibia</i>	108.18	33.32	China: Shaanxi, Zhengping
<i>Chodsigoa hypsibia</i>	107.75	34.40	China: Shaanxi, Ningshan
<i>Chodsigoa hypsibia</i>	106.61	34.92	China: Shaanxi, Ningshan
<i>Chodsigoa hypsibia</i>	104.74	32.60	China: Shaanxi, Mt. Taibai
<i>Chodsigoa hypsibia</i>	104.51	32.33	China: Sichuan, Lungnanfu
<i>Chodsigoa hypsibia</i>	104.33	32.35	China: Sichuan, Batang
<i>Chodsigoa hypsibia</i>	104.08	32.11	China: Sichuan, Guanxian
<i>Chodsigoa hypsibia</i>	103.75	33.05	China: Sichuan, Mt. Gongga
<i>Chodsigoa hypsibia</i>	103.67	31.48	China: Sichuan, Jianjianshan
<i>Chodsigoa hypsibia</i>	103.57	31.50	China: Sichuan, Kangding
<i>Chodsigoa hypsibia</i>	103.28	31.33	China: Sichuan, Pingwu
<i>Chodsigoa hypsibia</i>	103.25	31.17	China: Sichuan, Tangjiahe
<i>Chodsigoa hypsibia</i>	102.68	35.79	China: Sichuan, Wenchuan
<i>Chodsigoa hypsibia</i>	101.93	29.99	China: Sichuan, Wenchuan
<i>Chodsigoa hypsibia</i>	101.11	30.07	China: Sichuan, Wenchuan
<i>Chodsigoa hypsibia</i>	100.77	27.68	China: Sichuan, Yajiang
<i>Chodsigoa hypsibia</i>	100.08	27.31	China: Tibet, Chayu
<i>Chodsigoa hypsibia</i>	99.60	27.83	China: Yunnan, Baoshan
<i>Chodsigoa hypsibia</i>	99.31	31.21	China: Yunnan, Ninglang
<i>Chodsigoa hypsibia</i>	98.89	27.25	China: Yunnan, Nujiang
<i>Chodsigoa hypsibia</i>	98.87	25.55	China: Yunnan, Zhongdian
<i>Chodsigoa hypsibia</i>	97.33	30.72	China: Yunnan, Zhongdian

**Supplementary Table S2.** Correlation matrix of variables selected for MaxEnt model of *Chodsigoa hypsibia* (a) and *Anourosorex squamipes* (b).

(a)

	bio1	bio3	bio9	bio11	bio14	bio17	bio19
bio1	1						
bio3	0.50121	1					
bio9	0.45028	-0.41155	1				
bio11	0.41094	-0.51049	0.95578	1			
bio14	0.67516	0.59167	0.19237	0.13008	1		
bio17	0.67058	0.60608	0.18891	0.11621	0.69188	1	
bio19	0.6045	0.62416	0.18088	0.05588	0.6444	0.66407	1

(b)

	bio1	bio4	bio9	bio11	bio12	bio14	bio17	bio19
bio1	1							
bio4	0.37784	1						
bio9	0.5374	-0.52896	1					
bio11	0.49068	-0.62119	0.95385	1				
bio12	0.67583	0.70187	0.05569	-0.00436	1			
bio14	0.67274	0.5686	0.18636	0.12187	0.6859	1		
bio17	0.66967	0.58259	0.18387	0.10598	0.69629	0.69069	1	
bio19	0.6848	0.58392	0.17204	0.03308	0.64789	0.62567	0.65161	1