

施雨含, 任宗昕, 王维嘉, 徐鑫, 刘杰, 赵延会, 王红 (2021) 中国-喜马拉雅三种黄耆属植物与其传粉熊蜂的空间分布预测. 生物多样性, 29, 759–769. <https://www.biodiversity-science.net/CN/10.17520/biods.2020268>

**附录 6 在未来气候变化情景下, 3 种黄耆属植物与其传粉熊蜂的地理范围相对于历史地理范围的变化及损失范围变化百分比**

Appendix 6 Relative range contraction or expansion (percentage) for three *Astragalus* species and pollinating bumblebees under future climate change scenarios with respect to their near current estimate ranges and lost range

物种 Species	收缩范围 Area to be lost (%)		总地理范围变化 Change in total range size (%)			
			完全扩散 Full dispersal		不扩散 No dispersal	
	ssp245	ssp585	ssp245	ssp585	ssp245	ssp585
弯齿黄耆 <i>Astragalus camptodontus</i>	16.20	30.91	63.29	120.25	-15.89	-31.59
黑毛黄耆 <i>Astragalus pullus</i>	15.43	15.03	14.49	87.57	-14.87	-15.02
笔直黄耆 <i>Astragalus strictus</i>	4.15	2.04	32.36	45.53	-4.06	-1.86
橘尾熊蜂 <i>Bombus friseanus</i>	2.13	11.53	27.34	34.72	-1.50	-11.41
红束熊蜂 <i>Bombus rufofasciatus</i>	10.05	12.32	53.90	96.89	-10.20	-12.54