

Table S4 Change rate of suitable habitats areas of *G. pensilis* under different climate change scenarios (%)

Period	Area (×10 <sup>4</sup> km <sup>2</sup> )				变化 Change(%)			
	Reserved	Increase	Lost	Change	Increase rate	Reserved rate	Lost rate	Change rate
LIG	4.97	6.90	4.09	0.88	41.86	58.11	34.46	7.40
LGM	3.52	8.44	9.46	-5.93	29.69	71.09	79.66	-49.98
MH	9.36	2.66	3.55	5.82	78.87	22.42	29.87	48.99
Current	11.87							
RCP2.6-2050s	7.10	0.39	4.80	2.30	59.82	3.31	40.41	19.41
RCP2.6-2070s	9.71	3.42	2.52	7.19	81.85	28.81	21.23	60.61
RCP8.5-2050s	8.51	2.82	3.54	4.98	71.72	23.74	29.79	41.93
RCP8.5-2070s	8.24	2.90	4.02	4.22	69.40	24.44	33.85	35.55