

Table S1 Collection information of *Epeorus* species in this study

No.	Species	Country	Province	Location	Date
1	<i>Epeorus gibbus</i>	China	Zhejiang	Hangzhou City, Tianmu Mountain	2019-IV-5
2	<i>Epeorus unispinosus</i>	China	Zhejiang	Hangzhou City, Tianmu Mountain	2021-IV-5
3	<i>Epeorus</i> sp.1	China	Zhejiang	Hangzhou City, Tianmu Mountain	2020-IV-4
4	<i>Epeorus aculeatus</i>	China	Yunnan	Pingbian County	2020-X-18
5	<i>Epeorus bispinosus</i>	China	Yunnan	Gaoligongshan National Nature Reserve	2020-VIII-20
6	<i>Epeorus rhithralis</i>	China	Yunnan	Jinping County	2020-X-20
7	<i>Epeorus</i> sp.2	China	Jiangxi	Jiulianshan National Nature Reserve	2020-IX-16
8	<i>Epeorus alexandri</i>	China	Inner Mongolia	Arxan	2014-VIII-25
9	<i>Epeorus</i> sp.3	China	Tibet	Lengjiaqu	2020-IX-16
10	<i>Epeorus herklotsi</i>	China	Zhejiang	Hangzhou City, Tianmu Mountain	2020-IV-05
11	<i>Epeorus dayongensis</i>	China	Guangxi	Huaping National Nature Reserve	2020-VIII-20
12	<i>Epeorus tuberculatus</i>	China	Zhejiang	Lishui City, Jingning County	2020-VIII-10
13	<i>Epeorus psi</i>	China	Yunan	Wenshan City	2020-X-17
14	<i>Epeorus</i> sp.4	China	Yunan	Nujiang River	2019-X-15
15	<i>Epeorus</i> sp.5	China	Yunan	Nujiang River	2020-IX-20