**Supplement Table 1** The eight fern species in dominant vascular epiphytes and their traits of rhizome or frond in the mountain moist forest in Ailao Mountain

|  |  |  |  |
| --- | --- | --- | --- |
| Dominant species | Rhizome | Frond (dry season) | References |
| *Polypodiodes subamoena* | Long and creeping | Withered | [Xu & Liu 2005](#_ENREF_71);[Ma 2009](#_ENREF_40);eFlora of China;Personal observation. |
| *Lepisorus scolopendrium* | Thick, long-creeping | Withered |
| *Araiostegia perdurans* | Long and creeping | Withered |
| *Polypodiastrum argutum* | Long and creeping | Withered |
| *Vittaria flexuosa* | Creeping (short) | Overwintering |
| *Oleandra wallichii* | Long and creeping | Withered |
| *Polypodiodes microrhizoma* | Long and creeping | Withered |
| *Arthromeris lehmanni* | Long and creeping | Withered |