Supplementary Material

# Supplementary Data

Literature sources used in documenting province-level distributions of liverworts in this study.

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# Supplementary Figures and Tables

## Supplementary Figures

**Supplementary Figure S1**. Maps of Provinces in China used in this study. (GS (2024) 0650)



## Supplementary Tables

**Supplementary Table S1.** The species number of liverworts in each province in China from this study and two previous studies. Noted in the study of Jia & He (2013), Qian et al. (2016) and Song et al. (2021).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Province | Jia and He  (2013) | Qian et al.  (2016) | Song et al.  (2021) | CoLChina  (2024) | This study |
| Anhui | 108 | 176 | 109 | 119 | 304 |
| Macau | - | - | - | 35 | 35 |
| Beijing | - | - | - | 18 | 46 |
| Fujian | 343 | 367 | 360 | 364 | 430 |
| Gansu | 82 | 76 | 103 | 101 | 233 |
| Guangdong | 211 | 244 | 215 | 152 | 314 |
| Guangxi | 241 | 270 | 297 | 269 | 506 |
| Guizhou | 291 | 360 | 369 | 311 | 644 |
| Hainan | 236 | 253 | 233 | 245 | 414 |
| Hebei | 68 | 64 | 69 | 58 | 91 |
| Henan | 13 | 69 | 31 | 18 | 140 |
| Heilongjiang | 149 | 148 | 153 | 161 | 184 |
| Hubei | 109 | 133 | 170 | 124 | 301 |
| Hunan | 200 | 225 | 215 | 224 | 266 |
| Jilin | 154 | 168 | 162 | 163 | 191 |
| Jiangsu | 36 | 61 | 50 | 45 | 74 |
| Jiangxi | 174 | 248 | 198 | 191 | 343 |
| Liaoning | 83 | 118 | 93 | 90 | 160 |
| Inner Mongolia | 91 | 109 | 94 | 102 | 133 |
| Ningxia | 14 | 16 | 14 | 16 | 18 |
| Qinghai | 16 | 15 | 16 | 20 | 44 |
| Shandong | 89 | 92 | 101 | 103 | 130 |
| Shanxi | 20 | 34 | 29 | 24 | 44 |
| Shaanxi | 104 | 168 | 214 | 118 | 312 |
| Shanghai | - | - | - | 45 | 53 |
| Sichuan | 388 | 390 | 357 | 392 | 514 |
| Taiwan | 483 | 519 | 482 | 494 | 526 |
| Tianjin | - | - | - | 10 | 10 |
| Xizang | 294 | 306 | 295 | 322 | 440 |
| Hong Kong | - | - | - | 165 | 170 |
| Xinjiang | 57 | 62 | 58 | 65 | 105 |
| Yunnan | 610 | 619 | 621 | 652 | 814 |
| Zhejiang | 254 | 279 | 267 | 270 | 445 |
| Chongqing | - | - | 171 | 151 | 319 |

Jia & He (2013), Qian et al. (2016) and Song et al. (2021): They combined each municipality except Chongqing which has a very large area with one of its neighboring provinces. Specifically, It combined Beijing and Tianjin with Hebei Province, Shanghai with Zhejiang Province, and Hong Kong and Macau with Guangdong Province. On the final map, China was divided into 29 province-level geographic units (“province” hereafter).