### Table S1 The numbers of reads and OTUs

| Taxa | HP.R | LP.R | HP.A | LP.A | HP.J | LP.J | HP.Co | LP.Co | HP.Ce | LP.Ce |
|------|------|------|------|------|------|------|-------|-------|-------|-------|
| Total| 468063 | 445333 | 473295 | 456525 | 451392 | 447860 | 463396 | 443213 | 430165 | 381404 |
| Average| 78160±6239 | 74353±3435 | 79014±6952 | 76229±7791 | 75340±9523 | 74774±5794 | 77453±3658 | 74056±6956 | 76766±4345 | 71854±3599 |
| Total| 3608 | 4037 | 3850 | 3720 | 3977 | 3830 | 5654 | 5299 | 4402 | 4629 |
| Average| 2052±74 | 2246±81 | 2086±186 | 2178±105 | 2313±179 | 2085±271 | 3052±374 | 2848±255 | 2609±358 | 2948±163 |