Table 1. Sample characteristics, sequencing depth (number of reads), and number of amplicon sequence variants (ASVs).

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| --- | --- | --- | --- | --- | --- |
| **ID** | **Species plot** | **Season** | **Soil** | **No. reads** | **ASVs** |
| S-29 | *Arthrocaulon macrostachyum* | autumn | bulk | 42,467 | 1,361 |
| S-30 | rhizosphere | 43,894 | 981 |
| S-4 | spring | bulk | 61,102 | 2,625 |
| S-3 | rhizosphere | 60,140 | 2,197 |
| S-18 | summer | bulk | 45,274 | 1,859 |
| S-17 | rhizosphere | 48,510 | 1,727 |
| S-40 | winter | bulk | 39,747 | 634 |
| S-38 | rhizosphere | 45,209 | 1,097 |
| S-27 | *Atriplex portulacoides* | autumn | bulk | 39,676 | 1,916 |
| S-28 | rhizosphere | 41,381 | 1,252 |
| S-6 | spring | bulk | 56,553 | 1,794 |
| S-5 | rhizosphere | 44,747 | 1,704 |
| S-20 | summer | bulk | 67,991 | 2,034 |
| S-19 | rhizosphere | 45,711 | 1,335 |
| S-35 | winter | bulk | 25,032 | 1,351 |
| S-39 | rhizosphere | 40,513 | 1,242 |
| S-2 | *Salicornia ramosissima* | spring | bulk | 33,552 | 1,545 |
| S-1 | rhizosphere | 49,743 | 2,253 |
| S-12 | summer | bulk | 54,112 | 864 |
| S-11 | rhizosphere | 46,141 | 1,213 |
| S-31 | *Spartina densiflora* | autumn | bulk | 45,587 | 1,965 |
| S-32 | rhizosphere | 36,191 | 1,386 |
| S-8 | spring | bulk | 50,596 | 1,949 |
| S-7 | rhizosphere | 54,172 | 1,753 |
| S-22 | summer | bulk | 56,814 | 2,234 |
| S-21 | rhizosphere | 45,120 | 1,566 |
| S-37 | winter | bulk | 58,387 | 1,317 |
| S-34 | rhizosphere | 44,490 | 1,436 |
| S-25 | *Spartina maritima* | autumn | bulk | 62,225 | 1,275 |
| S-26 | rhizosphere | 40,664 | 1,417 |
| S-10 | spring | bulk | 74,339 | 1,476 |
| S-9 | rhizosphere | 64,711 | 1,574 |
| S-24 | summer | bulk | 69,791 | 1,393 |
| S-23 | rhizosphere | 72,708 | 1,626 |
| S-36 | winter | bulk | 40,344 | 1,163 |
| S-33 | rhizosphere | 43,144 | 1,373 |