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| --- | --- | --- | --- | --- | --- |
| **Филум** | **Класс** | **Порядок** | **Семейство** | **ПОЧВА БЕЗ РАСТЕНИЙ** | **РИЗОСФЕРА** |
| **1S** | **2S** | **3S** | **4S** | **5S** | **1SR** | **2SR** | **3SR** | **4SR** | **5SR** |
| *Acidobacteriota* | *Acidobacteriae* | *PAUC26f* | *PAUC26f* | 0.6 | 0.3 | 0.0 | 0.0 | 0.0 | 0.4 | 0.7 | 0.0 | 0.0 | 0.0 |
| *Bacteroidota* | *Cytophagia* | *Cytophagales* | *Cyclobacteriaceae* | 0.6 | 0.4 | 0.0 | 0.0 | 0.0 | 5.4 | 2.1 | 0.0 | 0.0 | 0.0 |
| *Saprospiria* | *Saprospirales* | *Saprospiraceae* | 0.2 | 0.4 | 1.9 | 1.9 | 0.0 | 1.4 | 3.0 | 1.0 | 1.6 | 0.0 |
| *Chloroflexota* | *Anaerolineae* | *Anaerolineales* | *Anaerolineaceae* | 0.0 | 0.7 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| *SBR1031* | *A4b* | 0.0 | 1.0 | 0.1 | 0.0 | 0.0 | 1.5 | 0.5 | 0.0 | 0.0 | 0.0 |
| *SBR1031* | 1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.0 | 0.0 |
| *Gemmatimonadota* | *BD2-11\_terr\_group* | *BD2-11\_terr\_group* | *BD2-11\_terr\_group* | 0.7 | 1.9 | 0.0 | 0.0 | 0.0 | 0.2 | 0.3 | 0.0 | 0.0 | 0.0 |
| *Pseudomonadota* | *Alphaproteobacteria* | *Rhodobacterales* | *Paracoccaceae* | 1.1 | 0.9 | 0.0 | 0.0 | 0.0 | 1.5 | 2.2 | 0.0 | 0.0 | 0.0 |
| *Acidithiobacillia*  | *Acidithiobacillales* | *Acidithiobacillaceae* | 0.0 | 1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| *Gammaproteobacteria* | *Alteromonadales* | *Alteromonadaceae* | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.6 | 0.9 | 0.0 | 0.0 | 0.0 |
| *Legionellales* | *Coxiellaceae* | 1.4 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| *Chromatiales* | *Chromatiaceae* | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 |
| *Oceanospirillales* | *Halomonadaceae* | 0.0 | 1.5 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| *Oceanospirillaceae* | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| *Pseudomonadales* | *Pseudohongiellaceae* | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.1 | 0.0 | 0.0 | 0.0 |
| *Nevskiales* | *Nevskiaceae* | 2.5 | 1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| *Chromatiales* | *Woeseiaceae* | 3.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| *Lysobacterales* | *Rhodanobacteraceae* (не культивируемые) | 2.2 | 2.9 | 1.3 | 1.4 | 0.0 | 1.3 | 2.3 | 1.5 | 0.0 | 0.0 |
| *Deltaproteobacteria* | *Bradymonadales* | *Bradymonadaceae* | 0.4 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| *Betaproteobacteria* | *Nitrosomonadales* | *Nitrosomonadaceae* | 1.7 | 4.3 | 5.5 | 6.1 | 0.0 | 0.7 | 1.5 | 3.0 | 5.7 | 0.0 |
| *Actinomycetota* | *Acidimicrobiia* | *Acidimicrobiales* | *Ilumatobacteraceae (род*  *Ilumatobacter)* | 2.3 | 2.9 | 1.6 | 2.8 | 0.0 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 |

Таблица S1 – Таксоны бактерий, характерные для почв с засолением. Table S1 – Bacterial taxa characteristic of soils with salinity.