

Table S4. Species identified at the locations analyzed in the saltern. Species with a relative abundance >0.5% are shown.

| Sample site | Species | Relative abundance (%) |
|----------------------------|--------------------------------------|------------------------|
| SE Spring | <i>Saccharomyces bayanus</i> | 3.4 |
| | <i>Metschnikowia shanxiensis</i> | 2.7 |
| | <i>Lachancea quebecensis</i> | 1.7 |
| | <i>Metschnikowia rubicola</i> | 0.6 |
| | <i>Saccharomycodes ludwigii</i> | 0.5 |
| Pico Spring | <i>Stereum hirsutum</i> | 1.2 |
| | <i>Resupinatus europaeus</i> | 1.1 |
| | <i>Keissleriella rosarum</i> | 1 |
| | <i>Epicoccum dendrobii</i> | 0.8 |
| | <i>Mycosphaerella tassiana</i> | 0.8 |
| | <i>Resinicium bicolor</i> | 0.8 |
| | <i>Stereum subtomentosum</i> | 0.7 |
| | <i>Trimmatostroma salinum</i> | 0.7 |
| | <i>Schizophyllum commune</i> | 0.7 |
| | <i>Cladosporium delicatulum</i> | 0.6 |
| | <i>Sidera vulgaris</i> | 0.6 |
| | <i>Sistotremastrum niveocreameum</i> | 0.5 |
| Pond I | <i>Wallemia ichthyophaga</i> | 24 |
| | <i>Vishniacozyma victoriae</i> | 10.5 |
| | <i>Mycosphaerella tassiana</i> | 1.7 |
| | <i>Cladosporium delicatulum</i> | 1 |
| | <i>Stereum hirsutum</i> | 0.7 |
| Pond II | <i>Epicoccum dendrobii</i> | 6.5 |
| | <i>Mycosphaerella tassiana</i> | 3.5 |
| | <i>Vishniacozyma victoriae</i> | 2.8 |
| | <i>Cladosporium delicatulum</i> | 2.3 |
| | <i>Taphrina carpini</i> | 1.7 |
| | <i>Physcia dubia</i> | 1.2 |
| | <i>Phaeosphaeria caricicola</i> | 1 |
| | <i>Vishniacozyma carnescens</i> | 0.8 |
| | <i>Lecanora compallens</i> | 0.6 |
| | <i>Neophysalospora eucalypti</i> | 0.5 |
| <i>Clitocybe nebularis</i> | 0.5 | |
| Pond III | <i>Epicoccum dendrobii</i> | 7.7 |
| | <i>Trimmatostroma salinum</i> | 5 |
| | <i>Mycosphaerella tassiana</i> | 3.8 |
| | <i>Cladosporium delicatulum</i> | 2.1 |
| | <i>Saxophila tyrrhenica</i> | 1.6 |
| | <i>Knufia mediterranea</i> | 1.3 |
| | <i>Neocamarosporium lamiacearum</i> | 0.9 |
| | <i>Stereum hirsutum</i> | 0.8 |
| | <i>Phaeosphaeria caricicola</i> | 0.7 |
| | <i>Udeniomyces pyricola</i> | 0.7 |
| | <i>Physcia dubia</i> | 0.6 |
| | <i>Crocicreas pallidum</i> | 0.6 |
| | <i>Metschnikowia shanxiensis</i> | 0.5 |
| Pico Dulce Spring | <i>Pichia mandshurica</i> | 2.7 |
| | <i>Cladosporium delicatulum</i> | 2.6 |
| | <i>Mycosphaerella tassiana</i> | 1.5 |
| | <i>Vishniacozyma victoriae</i> | 1.2 |

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| | <i>Keissleriella rosarum</i> | 1.1 |
| | <i>Candida sake</i> | 1 |
| | <i>Candida zeylanoides</i> | 0.9 |
| | <i>Sporobolomyces roseus</i> | 0.5 |
| | <i>Vishniacozyma carnescens</i> | 0.5 |
| | <i>Trametes versicolor</i> | 0.5 |
| S8 | <i>Pichia mandshurica</i> | 12 |
| | <i>Mycosphaerella tassiana</i> | 3.3 |
| | <i>Cladosporium delicatulum</i> | 2.7 |
| | <i>Sporobolomyces roseus</i> | 1.8 |
| | <i>Tausonia pullulans</i> | 1.5 |
| | <i>Dekkera custersiana</i> | 1.3 |
| | <i>Vishniacozyma victoriae</i> | 1 |
| | <i>Candida hyderabadensis</i> | 0.9 |
| | <i>Saccharomyces bayanus</i> | 0.7 |
| | <i>Pichia membranifaciens</i> | 0.7 |
| | <i>Keissleriella rosarum</i> | 0.7 |
| | <i>Candida tropicalis</i> | 0.6 |
| | <i>Candida zeylanoides</i> | 0.5 |
| | <i>Trametes versicolor</i> | 0.5 |
| | <i>Vishniacozyma carnescens</i> | 0.5 |

SE, Santa Engracia