

| Bacterial taxonomy in alphabetical order | Station ST1 | | | | Station ST3 | | | | Station ST2 | | | | grand total |
|---|-------------|-------------|-------------|-------|-------------|-------------|-------------|-------|-------------|-------------|-------------|-------|-------------|
| | Autumn 2007 | Spring 2008 | Summer 2008 | total | Autumn 2007 | Spring 2008 | Summer 2008 | total | Autumn 2007 | Spring 2008 | Summer 2008 | total | |
| Actinobacteria;Actinobacteria;Actinomycetales;Microbacteriaceae;Cryobacterium;NA | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 2 |
| Actinobacteria;Actinobacteria;Actinomycetales;Microbacteriaceae;Leifsonia;NA | 2 | 0 | 0 | 2 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 8 |
| Actinobacteria;Actinobacteria;Actinomycetales;Microbacteriaceae;Leucobacter;NA | 23 | 0 | 2 | 25 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 52 |
| Actinobacteria;Actinobacteria;Actinomycetales;Microbacteriaceae;Microbacterium;NA | 86 | 2 | 5 | 93 | 19 | 8 | 50 | 77 | 2 | 0 | 0 | 2 | 344 |
| Actinobacteria;Actinobacteria;Actinomycetales;Microbacteriaceae;NA;NA | 1041 | 133 | 433 | 1607 | 497 | 231 | 259 | 987 | 0 | 0 | 2 | 2 | 5192 |
| Actinobacteria;Actinobacteria;Actinomycetales;Microbacteriaceae;Subtercola;frigoramans | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 4 |
| Actinobacteria;Actinobacteria;Actinomycetales;Micrococcaceae;Arthrobacter;NA | 27 | 0 | 0 | 27 | 2 | 0 | 5 | 7 | 0 | 0 | 0 | 0 | 68 |
| Actinobacteria;Actinobacteria;Actinomycetales;Micrococcaceae;Kocuria;NA | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 4 |
| Actinobacteria;Actinobacteria;Actinomycetales;Micrococcaceae;Nesterenkonia;NA | 44 | 0 | 0 | 44 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 90 |
| Actinobacteria;Actinobacteria;Actinomycetales;Micrococcaceae;Renibacterium;salmoninarum | 0 | 0 | 0 | 0 | 1 | 3 | 0 | 4 | 1 | 1 | 0 | 2 | 12 |
| Actinobacteria;Actinobacteria;Actinomycetales;Micromonosporaceae;NA;NA | 6 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 4 | 20 |
| Actinobacteria;Actinobacteria;Actinomycetales;Mycobacteriaceae;Mycobacterium;NA | 4 | 0 | 0 | 4 | 11 | 9 | 19 | 39 | 1 | 0 | 0 | 1 | 88 |
| Actinobacteria;Actinobacteria;Actinomycetales;Mycobacteriaceae;NA;NA | 41 | 0 | 4 | 45 | 10 | 18 | 25 | 53 | 1 | 2 | 0 | 3 | 202 |
| Actinobacteria;Actinobacteria;Actinomycetales;NA;NA;NA | 637 | 23 | 99 | 759 | 165 | 329 | 151 | 645 | 1150 | 470 | 1014 | 2634 | 8076 |
| Actinobacteria;Actinobacteria;Actinomycetales;Nakamurellaceae;NA;NA | 0 | 0 | 0 | 0 | 0 | 8 | 5 | 13 | 156 | 30 | 177 | 363 | 752 |
| Actinobacteria;Actinobacteria;Actinomycetales;Nocardiaceae;NA;NA | 7 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| Actinobacteria;Actinobacteria;Actinomycetales;Nocardiaceae;Rhodococcus;NA | 3 | 2 | 0 | 5 | 1 | 25 | 16 | 42 | 1 | 0 | 2 | 3 | 100 |
| Actinobacteria;Actinobacteria;Actinomycetales;Nocardiodaceae;Aeromicrobium;NA | 11 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 |
| Actinobacteria;Actinobacteria;Actinomycetales;Nocardiodaceae;Kribbella;NA | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| Actinobacteria;Actinobacteria;Actinomycetales;Nocardiodaceae;Marmoricola;NA | 7 | 1 | 0 | 8 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 18 |
| Actinobacteria;Actinobacteria;Actinomycetales;Nocardiodaceae;NA;NA | 10 | 0 | 0 | 10 | 0 | 1 | 6 | 7 | 0 | 0 | 0 | 0 | 34 |
| Actinobacteria;Actinobacteria;Actinomycetales;Nocardiodaceae;Nocardioides;NA | 103 | 6 | 4 | 113 | 8 | 28 | 21 | 57 | 2 | 0 | 0 | 2 | 344 |
| Actinobacteria;Actinobacteria;Actinomycetales;Nocardiodaceae;Nocardioides;marinisabuli | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 2 |
| Actinobacteria;Actinobacteria;Actinomycetales;Nocardiodaceae;Nocardioides;simplex | 5 | 0 | 0 | 5 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 14 |
| Actinobacteria;Actinobacteria;Actinomycetales;Nocardiodaceae;Nocardioides;terrigena | 4 | 1 | 0 | 5 | 0 | 0 | 3 | 3 | 0 | 0 | 0 | 0 | 16 |
| Actinobacteria;Actinobacteria;Actinomycetales;Nocardiodaceae;Propionicimonas;NA | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 |
| Actinobacteria;Actinobacteria;Actinomycetales;Nocardioipsaceae;NA;NA | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Actinobacteria;Actinobacteria;Actinomycetales;Promicromonosporaceae;Cellulosimicrobium;NA | 3 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| Actinobacteria;Actinobacteria;Actinomycetales;Propionibacteriaceae;NA;NA | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 6 |
| Actinobacteria;Actinobacteria;Actinomycetales;Propionibacteriaceae;Propionibacterium;NA | 10 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 |
| Actinobacteria;Actinobacteria;Actinomycetales;Propionibacteriaceae;Tessaracoccus;bendigoensis | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| Actinobacteria;Actinobacteria;Actinomycetales;Pseudonocardiaceae;NA;NA | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Actinobacteria;Actinobacteria;Actinomycetales;Pseudonocardiaceae;Pseudonocardia;NA | 6 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| Actinobacteria;Actinobacteria;Actinomycetales;Pseudonocardiaceae;Saccharomonospora;NA | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Actinobacteria;Actinobacteria;Actinomycetales;Pseudonocardiaceae;Saccharopolyspora;NA | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Actinobacteria;Actinobacteria;Actinomycetales;Sanguibacteraceae;Sanguibacter;NA | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| Actinobacteria;Actinobacteria;Actinomycetales;Sporichthyaceae;Sporichthya;NA | 12 | 1 | 1 | 14 | 3 | 11 | 17 | 31 | 6 | 2 | 5 | 13 | 116 |
| Actinobacteria;Actinobacteria;Actinomycetales;Streptomycetaceae;Kitasatospora;NA | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 |

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|---|-------------|-------------|-------------|-------|-------------|-------------|-------------|-------|-------------|-------------|-------------|-------|-------------|
| | Autumn 2007 | Spring 2008 | Summer 2008 | total | Autumn 2007 | Spring 2008 | Summer 2008 | total | Autumn 2007 | Spring 2008 | Summer 2008 | total | |
| Actinobacteria;Actinobacteria;Actinomycetales;Streptomycetaceae;Streptomyces;NA | 18 | 0 | 2 | 20 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 42 |
| Actinobacteria;Actinobacteria;Actinomycetales;Streptomycetaceae;Streptomyces;thermocarboxydus | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Actinobacteria;Actinobacteria;Actinomycetales;Streptosporangiaceae;NA;NA | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Actinobacteria;Actinobacteria;Actinomycetales;Streptosporangiaceae;Streptosporangium;NA | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Actinobacteria;Actinobacteria;Actinomycetales;Williamsiaceae;Williamsia;NA | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Actinobacteria;Actinobacteria;Bifidobacteriales;Bifidobacteriaceae;Bifidobacterium;NA | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 |
| Actinobacteria;Actinobacteria;Bifidobacteriales;Unassigned;Turicella;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 2 |
| Actinobacteria;Actinobacteria;Coriobacteriales;Coriobacteriaceae;Eggerthella;NA | 2 | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 8 |
| Actinobacteria;Actinobacteria;Coriobacteriales;Coriobacteriaceae;NA;NA | 13 | 1 | 0 | 14 | 3 | 4 | 1 | 8 | 13 | 1 | 6 | 20 | 84 |
| Actinobacteria;Actinobacteria;Coriobacteriales;Coriobacteriaceae;Olsenella;NA | 3 | 0 | 0 | 3 | 1 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 10 |
| Actinobacteria;Actinobacteria;NA;NA;NA;NA | 2195 | 130 | 319 | 2644 | 681 | 1272 | 364 | 2317 | 1226 | 727 | 1153 | 3106 | 16134 |
| Actinobacteria;Actinobacteria;Rubrobacterales;Conexibacteraceae;Conexibacter;NA | 220 | 9 | 58 | 287 | 88 | 61 | 38 | 187 | 56 | 29 | 60 | 145 | 1238 |
| Actinobacteria;Actinobacteria;Rubrobacterales;NA;NA;NA | 99 | 0 | 7 | 106 | 3 | 15 | 9 | 27 | 54 | 20 | 57 | 131 | 528 |
| Actinobacteria;Actinobacteria;Rubrobacterales;Patulibacteraceae;Patulibacter;NA | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Actinobacteria;Actinobacteria;Rubrobacterales;Rubrobacteraceae;NA;NA | 4 | 0 | 0 | 4 | 0 | 0 | 2 | 2 | 2 | 0 | 1 | 3 | 18 |
| Actinobacteria;Actinobacteria;Rubrobacterales;Thermoleophilaceae;NA;NA | 29 | 1 | 8 | 38 | 2 | 12 | 5 | 19 | 2 | 0 | 1 | 3 | 120 |
| Actinobacteria;NA;NA;NA;NA;NA | 4 | 0 | 1 | 5 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 12 |
| BRC1;NA;NA;NA;NA;NA | 1 | 0 | 2 | 3 | 3 | 1 | 4 | 8 | 1 | 0 | 1 | 2 | 26 |
| Bacteroidetes;Bacteroidia;Bacteroidales;Bacteroidaceae;Bacteroides;NA | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 4 |
| Bacteroidetes;Bacteroidia;Bacteroidales;Bacteroidaceae;Bacteroides;coprocola | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 |
| Bacteroidetes;Bacteroidia;Bacteroidales;Bacteroidaceae;NA;NA | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Bacteroidetes;Bacteroidia;Bacteroidales;Marinilabiaceae;Alkaliflexus;NA | 21 | 0 | 1 | 22 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 46 |
| Bacteroidetes;Bacteroidia;Bacteroidales;NA;NA;NA | 105 | 5 | 172 | 282 | 70 | 30 | 4 | 104 | 189 | 42 | 40 | 271 | 1314 |
| Bacteroidetes;Bacteroidia;Bacteroidales;Porphyromonadaceae;Dysgonomonas;NA | 9 | 0 | 0 | 9 | 1 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 22 |
| Bacteroidetes;Bacteroidia;Bacteroidales;Porphyromonadaceae;NA;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 9 | 18 |
| Bacteroidetes;Bacteroidia;Bacteroidales;Porphyromonadaceae;Odoribacter;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 |
| Bacteroidetes;Bacteroidia;Bacteroidales;Porphyromonadaceae;Paludibacter;NA | 32 | 0 | 12 | 44 | 45 | 1 | 1 | 47 | 0 | 2 | 0 | 2 | 186 |
| Bacteroidetes;Bacteroidia;Bacteroidales;Porphyromonadaceae;Porphyromonas;catoniae | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 2 |
| Bacteroidetes;Bacteroidia;Bacteroidales;Porphyromonadaceae;Tannerella;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 2 |
| Bacteroidetes;Bacteroidia;Bacteroidales;Prevotellaceae;NA;NA | 14 | 0 | 0 | 14 | 2 | 6 | 0 | 8 | 0 | 0 | 0 | 0 | 44 |
| Bacteroidetes;Bacteroidia;Bacteroidales;Prevotellaceae;Prevotella;NA | 1 | 0 | 4 | 5 | 1 | 0 | 0 | 1 | 0 | 0 | 3 | 3 | 18 |
| Bacteroidetes;Bacteroidia;Bacteroidales;Rikenellaceae;Alistipes;NA | 1 | 0 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| Bacteroidetes;Bacteroidia;Bacteroidales;Rikenellaceae;NA;NA | 7 | 1 | 25 | 33 | 37 | 0 | 0 | 37 | 13 | 1 | 2 | 16 | 172 |
| Bacteroidetes;Bacteroidia;Bacteroidales;Rikenellaceae;Rikenella;NA | 1 | 0 | 0 | 1 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 6 |
| Bacteroidetes;Flavobacteria;Flavobacteriales;Cryomorpaceae;Brumimicrobium;NA | 6 | 0 | 6 | 12 | 19 | 1 | 0 | 20 | 3 | 0 | 2 | 5 | 74 |
| Bacteroidetes;Flavobacteria;Flavobacteriales;Cryomorpaceae;Crocinitomix;NA | 5 | 0 | 0 | 5 | 0 | 5 | 0 | 5 | 6 | 3 | 5 | 14 | 48 |
| Bacteroidetes;Flavobacteria;Flavobacteriales;Cryomorpaceae;Cryomorpha;NA | 72 | 139 | 247 | 458 | 232 | 152 | 24 | 408 | 35 | 75 | 35 | 145 | 2022 |
| Bacteroidetes;Flavobacteria;Flavobacteriales;Cryomorpaceae;Fluviicola;NA | 2 | 3 | 12 | 17 | 29 | 46 | 0 | 75 | 8 | 1 | 15 | 24 | 232 |

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|---|-------------|-------------|-------------|-------|-------------|-------------|-------------|-------|-------------|-------------|-------------|-------|-------------|
| | Autumn 2007 | Spring 2008 | Summer 2008 | total | Autumn 2007 | Spring 2008 | Summer 2008 | total | Autumn 2007 | Spring 2008 | Summer 2008 | total | |
| Bacteroidetes;Flavobacteria;Flavobacteriales;Cryomorpaceae;Fluviicola;taffensis | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Bacteroidetes;Flavobacteria;Flavobacteriales;Cryomorpaceae;NA;NA | 7 | 8 | 22 | 37 | 40 | 37 | 0 | 77 | 84 | 43 | 35 | 162 | 552 |
| Bacteroidetes;Flavobacteria;Flavobacteriales;Cryomorpaceae;Owenweeksia;NA | 3 | 2 | 11 | 16 | 18 | 58 | 3 | 79 | 22 | 36 | 38 | 96 | 382 |
| Bacteroidetes;Flavobacteria;Flavobacteriales;Flavobacteriaceae;Aequorivita;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 6 |
| Bacteroidetes;Flavobacteria;Flavobacteriales;Flavobacteriaceae;Aquimarina;brevivita | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 2 |
| Bacteroidetes;Flavobacteria;Flavobacteriales;Flavobacteriaceae;Arenibacter;NA | 183 | 4 | 0 | 187 | 29 | 11 | 7 | 47 | 1 | 0 | 0 | 1 | 470 |
| Bacteroidetes;Flavobacteria;Flavobacteriales;Flavobacteriaceae;Capnocytophaga;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 |
| Bacteroidetes;Flavobacteria;Flavobacteriales;Flavobacteriaceae;Cellulophaga;NA | 0 | 0 | 0 | 0 | 1 | 3 | 1 | 5 | 1 | 6 | 0 | 7 | 24 |
| Bacteroidetes;Flavobacteria;Flavobacteriales;Flavobacteriaceae;Chryseobacterium;NA | 2 | 31 | 3 | 36 | 44 | 0 | 2 | 46 | 0 | 1 | 0 | 1 | 166 |
| Bacteroidetes;Flavobacteria;Flavobacteriales;Flavobacteriaceae;Cloacibacterium;NA | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 |
| Bacteroidetes;Flavobacteria;Flavobacteriales;Flavobacteriaceae;Flavobacterium;NA | 16 | 77 | 8 | 101 | 32 | 1 | 10 | 43 | 0 | 0 | 0 | 0 | 288 |
| Bacteroidetes;Flavobacteria;Flavobacteriales;Flavobacteriaceae;Formosa;NA | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 0 | 0 | 2 | 6 |
| Bacteroidetes;Flavobacteria;Flavobacteriales;Flavobacteriaceae;Gillisia;NA | 0 | 0 | 0 | 0 | 1 | 10 | 0 | 11 | 0 | 0 | 0 | 0 | 22 |
| Bacteroidetes;Flavobacteria;Flavobacteriales;Flavobacteriaceae;Gramella;NA | 0 | 0 | 0 | 0 | 1 | 5 | 7 | 13 | 2 | 1 | 3 | 6 | 38 |
| Bacteroidetes;Flavobacteria;Flavobacteriales;Flavobacteriaceae;Kordia;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 3 | 14 | 28 |
| Bacteroidetes;Flavobacteria;Flavobacteriales;Flavobacteriaceae;Lacinutrix;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 4 |
| Bacteroidetes;Flavobacteria;Flavobacteriales;Flavobacteriaceae;Lutibacter;NA | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 9 | 8 | 28 | 6 | 42 | 102 |
| Bacteroidetes;Flavobacteria;Flavobacteriales;Flavobacteriaceae;Maribacter;NA | 1 | 0 | 23 | 24 | 153 | 186 | 45 | 384 | 106 | 367 | 71 | 544 | 1904 |
| Bacteroidetes;Flavobacteria;Flavobacteriales;Flavobacteriaceae;Muricauda;NA | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 131 | 80 | 170 | 381 | 764 |
| Bacteroidetes;Flavobacteria;Flavobacteriales;Flavobacteriaceae;Myroides;NA | 0 | 1 | 1 | 2 | 1 | 3 | 0 | 4 | 0 | 3 | 2 | 5 | 22 |
| Bacteroidetes;Flavobacteria;Flavobacteriales;Flavobacteriaceae;NA;NA | 184 | 305 | 129 | 618 | 1452 | 1296 | 288 | 3036 | 3191 | 1852 | 1467 | 6510 | 20328 |
| Bacteroidetes;Flavobacteria;Flavobacteriales;Flavobacteriaceae;Polaribacter;NA | 9 | 4 | 3 | 16 | 70 | 153 | 38 | 261 | 78 | 24 | 8 | 110 | 774 |
| Bacteroidetes;Flavobacteria;Flavobacteriales;Flavobacteriaceae;Psychroflexus;NA | 0 | 0 | 22 | 22 | 0 | 5 | 1 | 6 | 1 | 1 | 1 | 3 | 62 |
| Bacteroidetes;Flavobacteria;Flavobacteriales;Flavobacteriaceae;Psychroserpens;NA | 0 | 0 | 9 | 9 | 60 | 26 | 0 | 86 | 198 | 56 | 40 | 294 | 778 |
| Bacteroidetes;Flavobacteria;Flavobacteriales;Flavobacteriaceae;Robiginitalea;NA | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 390 | 61 | 76 | 527 | 1056 |
| Bacteroidetes;Flavobacteria;Flavobacteriales;Flavobacteriaceae;Sedimimicola;luteus | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 2 | 3 | 1 | 6 | 22 |
| Bacteroidetes;Flavobacteria;Flavobacteriales;Flavobacteriaceae;Subsaximicrobium;NA | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 |
| Bacteroidetes;Flavobacteria;Flavobacteriales;Flavobacteriaceae;Tenacibaculum;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 4 |
| Bacteroidetes;Flavobacteria;Flavobacteriales;Flavobacteriaceae;Ulvibacter;NA | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 5 | 5 | 3 | 13 | 30 |
| Bacteroidetes;Flavobacteria;Flavobacteriales;Flavobacteriaceae;Winogradskyella;NA | 1 | 31 | 53 | 85 | 90 | 164 | 3 | 257 | 102 | 309 | 70 | 481 | 1646 |
| Bacteroidetes;Flavobacteria;Flavobacteriales;NA;NA;NA | 52 | 8 | 27 | 87 | 22 | 49 | 9 | 80 | 103 | 130 | 60 | 293 | 920 |
| Bacteroidetes;NA;NA;NA;NA;NA | 396 | 51 | 623 | 1070 | 969 | 413 | 238 | 1620 | 580 | 149 | 256 | 985 | 7350 |
| Bacteroidetes;Sphingobacteria;Sphingobacteriales;Chitinophagaceae;Balneola;NA | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 4 | 0 | 0 | 3 | 3 | 14 |
| Bacteroidetes;Sphingobacteria;Sphingobacteriales;Chitinophagaceae;Chitinophaga;NA | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 2 |
| Bacteroidetes;Sphingobacteria;Sphingobacteriales;Chitinophagaceae;NA;NA | 19 | 30 | 171 | 220 | 239 | 11 | 291 | 541 | 0 | 0 | 0 | 0 | 1522 |
| Bacteroidetes;Sphingobacteria;Sphingobacteriales;Chitinophagaceae;Niastellia;NA | 10 | 5 | 1 | 16 | 17 | 2 | 1 | 20 | 0 | 0 | 0 | 0 | 72 |
| Bacteroidetes;Sphingobacteria;Sphingobacteriales;Cyclobacteriaceae;Algoriphagus;NA | 5 | 25 | 45 | 75 | 27 | 118 | 83 | 228 | 10 | 4 | 9 | 23 | 652 |
| Bacteroidetes;Sphingobacteria;Sphingobacteriales;Cyclobacteriaceae;Aquiflexum;NA | 116 | 61 | 28 | 205 | 18 | 0 | 0 | 18 | 0 | 0 | 0 | 0 | 446 |

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|---|-------------|-------------|-------------|-------|-------------|-------------|-------------|-------|-------------|-------------|-------------|-------|-------------|
| | Autumn 2007 | Spring 2008 | Summer 2008 | total | Autumn 2007 | Spring 2008 | Summer 2008 | total | Autumn 2007 | Spring 2008 | Summer 2008 | total | |
| Bacteroidetes;Sphingobacteria;Sphingobacteriales;Sphingobacteriaceae;Pedobacter;NA | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 4 |
| Bacteroidetes;Sphingobacteria;Sphingobacteriales;Sphingobacteriaceae;Pedobacter;saltans | 6 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| Bacteroidetes;Sphingobacteria;Sphingobacteriales;Unassigned;Niabella;NA | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| Chlamydiae;Chlamydiae;Chlamydiales;Chlamydiaceae;Chlamydomphila;NA | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 2 |
| Chlamydiae;Chlamydiae;Chlamydiales;NA;NA;NA | 4 | 1 | 1 | 6 | 22 | 20 | 7 | 49 | 6 | 5 | 1 | 12 | 134 |
| Chlamydiae;Chlamydiae;Chlamydiales;Parachlamydiaceae;NA;NA | 6 | 5 | 3 | 14 | 3 | 6 | 4 | 13 | 0 | 1 | 0 | 1 | 56 |
| Chlamydiae;Chlamydiae;Chlamydiales;Parachlamydiaceae;Neochlamydia;NA | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Chlamydiae;Chlamydiae;Chlamydiales;Parachlamydiaceae;Parachlamydia;NA | 9 | 2 | 0 | 11 | 55 | 26 | 17 | 98 | 7 | 7 | 2 | 16 | 250 |
| Chlamydiae;Chlamydiae;Chlamydiales;Simkaniaceae;NA;NA | 0 | 0 | 1 | 1 | 1 | 8 | 0 | 9 | 4 | 3 | 0 | 7 | 34 |
| Chlamydiae;Chlamydiae;Chlamydiales;Simkaniaceae;Rhabdochlamydia;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 2 |
| Chlamydiae;Chlamydiae;Chlamydiales;Simkaniaceae;Simkania;NA | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 |
| Chlamydiae;Chlamydiae;Chlamydiales;Waddliaceae;NA;NA | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 1 | 0 | 3 | 10 |
| Chlorobi;NA;NA;NA;NA;NA | 69 | 6 | 46 | 121 | 91 | 32 | 12 | 135 | 27 | 4 | 21 | 52 | 616 |
| Chloroflexi;Anaerolineae;Anaerolineales;NA;NA;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 13 | 26 |
| Chloroflexi;Anaerolineae;Anaerolineales;Anaerolineaceae;Anaerolinea;NA | 2 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 10 |
| Chloroflexi;Anaerolineae;Anaerolineales;Anaerolineaceae;Leptolinea;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 5 | 9 | 18 |
| Chloroflexi;Anaerolineae;Anaerolineales;Anaerolineaceae;Levilinea;NA | 3 | 0 | 4 | 7 | 0 | 0 | 0 | 0 | 6 | 2 | 0 | 8 | 30 |
| Chloroflexi;Anaerolineae;Anaerolineales;NA;NA;NA | 35 | 2 | 10 | 47 | 17 | 1 | 1 | 19 | 6 | 0 | 6 | 12 | 156 |
| Chloroflexi;Anaerolineae;Caldilineaceae;NA;NA;NA | 51 | 5 | 2 | 58 | 21 | 49 | 14 | 84 | 62 | 7 | 8 | 77 | 438 |
| Chloroflexi;Anaerolineae;NA;NA;NA;NA | 61 | 6 | 44 | 111 | 218 | 59 | 31 | 308 | 101 | 23 | 107 | 231 | 1300 |
| Chloroflexi;Caldilineae;Caldilineales;Caldilineaceae;Caldilinea;NA | 140 | 3 | 4 | 147 | 62 | 38 | 15 | 115 | 58 | 9 | 35 | 102 | 728 |
| Chloroflexi;Caldilineae;Caldilineales;Caldilineaceae;NA;NA | 74 | 3 | 21 | 98 | 66 | 50 | 36 | 152 | 80 | 18 | 78 | 176 | 852 |
| Chloroflexi;Chloroflexi;Chloroflexales;Chloroflexaceae;Chloronema;NA | 45 | 2 | 11 | 58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 116 |
| Chloroflexi;Chloroflexi;Chloroflexales;Chloroflexaceae;Roseiflexus;NA | 94 | 3 | 6 | 103 | 43 | 3 | 3 | 49 | 0 | 0 | 0 | 0 | 304 |
| Chloroflexi;Chloroflexi;Chloroflexales;NA;NA;NA | 6 | 0 | 73 | 79 | 2 | 0 | 0 | 2 | 3 | 2 | 4 | 9 | 180 |
| Chloroflexi;Chloroflexi;Chloroflexales;Oscillochloridaceae;Oscillochloris;NA | 76 | 5 | 13 | 94 | 44 | 4 | 1 | 49 | 0 | 0 | 0 | 0 | 286 |
| Chloroflexi;Chloroflexi;NA;NA;NA;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 2 |
| Chloroflexi;NA;NA;NA;NA;NA | 13 | 0 | 4 | 17 | 26 | 14 | 12 | 52 | 75 | 15 | 61 | 151 | 440 |
| Cyanobacteria;NA;NA;NA;NA;NA | 1004 | 250 | 866 | 2120 | 318 | 190 | 141 | 649 | 51 | 16 | 216 | 283 | 6104 |
| Cyanobacteria;True Cyanobacteria;Chroococcales;NA;NA;NA | 32 | 0 | 0 | 32 | 21 | 33 | 70 | 124 | 1 | 1 | 48 | 50 | 412 |
| Cyanobacteria;True Cyanobacteria;Chroococcales;Unassigned;Cyanotheca;NA | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 0 | 0 | 0 | 0 | 6 |
| Cyanobacteria;True Cyanobacteria;Chroococcales;Unassigned;Microcystis;NA | 0 | 0 | 1 | 1 | 2 | 6 | 1 | 9 | 1 | 1 | 0 | 2 | 24 |
| Cyanobacteria;True Cyanobacteria;Chroococcales;Unassigned;Synechococcus;elongatus | 1 | 4 | 44 | 49 | 13 | 27 | 2 | 42 | 0 | 0 | 1 | 1 | 184 |
| Cyanobacteria;True Cyanobacteria;Cyanobacteria;Unassigned;Unassigned;Acaryochloris | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 2 |
| Cyanobacteria;True Cyanobacteria;Gloeobacterales;Gloeobacter;NA;NA | 2 | 1 | 3 | 6 | 3 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 18 |
| Cyanobacteria;True Cyanobacteria;NA;NA;NA;NA | 41 | 12 | 61 | 114 | 185 | 381 | 64 | 630 | 39 | 43 | 35 | 117 | 1722 |
| Cyanobacteria;True Cyanobacteria;Nostocales;Nostocaceae;Nostoc;NA | 45 | 130 | 19 | 194 | 9 | 17 | 2 | 28 | 0 | 0 | 1 | 1 | 446 |
| Cyanobacteria;True Cyanobacteria;Nostocales;Rivulariaceae;Calothrix;NA | 12 | 0 | 0 | 12 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 26 |

| Bacterial taxonomy in alphabetical order | Station ST1 | | | | Station ST3 | | | | Station ST2 | | | | grand total |
|---|-------------|-------------|-------------|-------|-------------|-------------|-------------|-------|-------------|-------------|-------------|-------|-------------|
| | Autumn 2007 | Spring 2008 | Summer 2008 | total | Autumn 2007 | Spring 2008 | Summer 2008 | total | Autumn 2007 | Spring 2008 | Summer 2008 | total | |
| Cyanobacteria;True Cyanobacteria;Nostocales;Rivulariaceae;Rivularia;NA | 260 | 28 | 11 | 299 | 367 | 1154 | 331 | 1852 | 0 | 0 | 0 | 0 | 4302 |
| Cyanobacteria;True Cyanobacteria;Oscillatoriales;Unassigned;Leptolyngbya;NA | 4 | 0 | 0 | 4 | 14 | 2 | 2 | 18 | 0 | 0 | 0 | 0 | 44 |
| Cyanobacteria;True Cyanobacteria;Oscillatoriales;Unassigned;Leptolyngbya;boryana | 0 | 2 | 4 | 6 | 2 | 3 | 0 | 5 | 0 | 0 | 0 | 0 | 22 |
| Cyanobacteria;True Cyanobacteria;Oscillatoriales;Unassigned;Limnothrix;NA | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Cyanobacteria;True Cyanobacteria;Oscillatoriales;Unassigned;Microcoleus;NA | 0 | 0 | 6 | 6 | 458 | 3 | 9 | 470 | 0 | 0 | 13 | 13 | 978 |
| Cyanobacteria;True Cyanobacteria;Oscillatoriales;Unassigned;Oscillatoria;rosea | 26 | 4 | 54 | 84 | 9 | 3 | 0 | 12 | 27 | 2 | 60 | 89 | 370 |
| Cyanobacteria;True Cyanobacteria;Oscillatoriales;Unassigned;Symploca;NA | 36 | 3 | 0 | 39 | 20 | 13 | 23 | 56 | 0 | 0 | 0 | 0 | 190 |
| Cyanobacteria;True Cyanobacteria;Oscillatoriales;Unassigned;Trichodesmium;NA | 1 | 0 | 0 | 1 | 14 | 45 | 12 | 71 | 1 | 0 | 0 | 1 | 146 |
| Cyanobacteria;True Cyanobacteria;Pleurocapsales;Unassigned;Pleurocapsa;NA | 0 | 0 | 0 | 0 | 1 | 8 | 6 | 15 | 0 | 0 | 1 | 1 | 32 |
| Cyanobacteria;True Cyanobacteria;Prochlorales;NA;NA;NA | 241 | 17 | 36 | 294 | 47 | 69 | 22 | 138 | 74 | 7 | 93 | 174 | 1212 |
| Cyanobacteria;True Cyanobacteria;Stigonematales;NA;NA;NA | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 2 |
| Cyanobacteria;True Cyanobacteria;Unassigned;Family I;GpI;NA | 218 | 1042 | 380 | 1640 | 898 | 1454 | 370 | 2722 | 0 | 2 | 0 | 2 | 8728 |
| Cyanobacteria;True Cyanobacteria;Unassigned;Family II;GpIIa;NA | 6 | 1 | 1 | 8 | 2 | 2 | 0 | 4 | 0 | 0 | 0 | 0 | 24 |
| Cyanobacteria;True Cyanobacteria;Unassigned;Family IV;GpIV;NA | 2557 | 394 | 2992 | 5943 | 1333 | 398 | 485 | 2216 | 20 | 6 | 67 | 93 | 16504 |
| Cyanobacteria;True Cyanobacteria;Unassigned;Family IX;GpIX;NA | 1 | 1 | 12 | 14 | 8 | 7 | 3 | 18 | 0 | 0 | 2 | 2 | 68 |
| Cyanobacteria;True Cyanobacteria;Unassigned;Family VI;GpVI;NA | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Cyanobacteria;True Cyanobacteria;Unassigned;Family VII;GpVII;NA | 0 | 0 | 7 | 7 | 0 | 0 | 0 | 0 | 3 | 1 | 11 | 15 | 44 |
| Cyanobacteria;True Cyanobacteria;Unassigned;Family VIII;GpVIII;NA | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 6 | 4 | 14 | 24 | 52 |
| Cyanobacteria;True Cyanobacteria;Unassigned;Family X;GpX;NA | 2 | 2 | 15 | 19 | 42 | 52 | 13 | 107 | 1 | 2 | 17 | 20 | 292 |
| Cyanobacteria;True Cyanobacteria;Unassigned;Family XI;GpXI;NA | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 4 |
| Cyanobacteria;True Cyanobacteria;Unassigned;Family XII;GpXII;NA | 0 | 0 | 1 | 1 | 9 | 23 | 6 | 38 | 0 | 4 | 0 | 4 | 86 |
| Cyanobacteria;True Cyanobacteria;Unassigned;Family XIII;GpXIII;NA | 2 | 30 | 308 | 340 | 902 | 969 | 347 | 2218 | 0 | 0 | 0 | 0 | 5116 |
| Deferribacteres;Deferribacteres;Deferribacterales;Deferribacteraceae;Mucispirillum;NA | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 2 |
| Deferribacteres;Deferribacteres;Deferribacterales;Unassigned;Caldithrix;NA | 1 | 0 | 0 | 1 | 1 | 2 | 0 | 3 | 31 | 4 | 12 | 47 | 102 |
| Deferribacteres;NA;NA;NA;NA;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 1 | 4 | 12 | 24 |
| Deinococcus-Thermus;Deinococci;Deinococcales;Deinococcaceae;Deinococcus;NA | 2 | 0 | 0 | 2 | 0 | 10 | 1 | 11 | 0 | 0 | 1 | 1 | 28 |
| Deinococcus-Thermus;Deinococci;Deinococcales;NA;NA;NA | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 2 |
| Deinococcus-Thermus;Deinococci;Deinococcales;Trueperaceae;Truepera;NA | 25 | 3 | 30 | 58 | 24 | 9 | 2 | 35 | 2 | 0 | 5 | 7 | 200 |
| Deinococcus-Thermus;NA;NA;NA;NA;NA | 0 | 0 | 3 | 3 | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 2 | 12 |
| Fibrobacteres;Fibrobacteria;Fibrobacterales;Fibrobacteraceae;Fibrobacter;NA | 0 | 1 | 5 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| Fibrobacteres;NA;NA;NA;NA;NA | 6 | 0 | 6 | 12 | 14 | 0 | 4 | 18 | 1 | 0 | 1 | 2 | 64 |
| Firmicutes;Bacilli;Bacillales;Alicyclobacillaceae;Alicyclobacillus;NA | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 7 | 0 | 0 | 0 | 0 | 14 |
| Firmicutes;Bacilli;Bacillales;Bacillaceae;Bacillus;NA | 56 | 5 | 4 | 65 | 31 | 37 | 7 | 75 | 3 | 2 | 7 | 12 | 304 |
| Firmicutes;Bacilli;Bacillales;Bacillaceae;Bacillus;alcalophilus | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 6 |
| Firmicutes;Bacilli;Bacillales;Bacillaceae;Bacillus;licheniformis | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 2 |
| Firmicutes;Bacilli;Bacillales;Bacillaceae;Exiguobacterium;NA | 113 | 0 | 27 | 140 | 2 | 0 | 28 | 30 | 0 | 0 | 0 | 0 | 340 |
| Firmicutes;Bacilli;Bacillales;Bacillaceae;Halobacillus;NA | 15 | 0 | 2 | 17 | 16 | 14 | 29 | 59 | 2 | 1 | 3 | 6 | 164 |
| Firmicutes;Bacilli;Bacillales;Bacillaceae;Jeotgalibacillus;NA | 3 | 0 | 0 | 3 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 10 |

| Bacterial taxonomy in alphabetical order | Station ST1 | | | | Station ST3 | | | | Station ST2 | | | | grand total |
|---|-------------|-------------|-------------|-------|-------------|-------------|-------------|-------|-------------|-------------|-------------|-------|-------------|
| | Autumn 2007 | Spring 2008 | Summer 2008 | total | Autumn 2007 | Spring 2008 | Summer 2008 | total | Autumn 2007 | Spring 2008 | Summer 2008 | total | |
| Firmicutes;Clostridia;Clostridiales;Clostridiaceae;NA;NA | 4 | 0 | 40 | 44 | 6 | 1 | 0 | 7 | 1 | 2 | 5 | 8 | 118 |
| Firmicutes;Clostridia;Clostridiales;Clostridiaceae;Parasporobacterium;NA | 0 | 1 | 0 | 1 | 3 | 1 | 0 | 4 | 0 | 0 | 0 | 0 | 10 |
| Firmicutes;Clostridia;Clostridiales;Clostridiaceae;Sporacetigenium;NA | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 6 |
| Firmicutes;Clostridia;Clostridiales;Clostridiaceae;Tepidibacter;NA | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 16 |
| Firmicutes;Clostridia;Clostridiales;Eubacteriaceae;Acetobacterium;NA | 6 | 0 | 1 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| Firmicutes;Clostridia;Clostridiales;Eubacteriaceae;Acetobacterium;bakii | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 |
| Firmicutes;Clostridia;Clostridiales;Eubacteriaceae;Anaerovorax;NA | 8 | 0 | 3 | 11 | 1 | 3 | 0 | 4 | 0 | 0 | 0 | 0 | 30 |
| Firmicutes;Clostridia;Clostridiales;Eubacteriaceae;Eubacterium;angustum | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 |
| Firmicutes;Clostridia;Clostridiales;Eubacteriaceae;Mogibacterium;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 4 |
| Firmicutes;Clostridia;Clostridiales;Gracilibacteraceae;Gracilibacter;NA | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Firmicutes;Clostridia;Clostridiales;Heliobacteriaceae;Heliobacterium;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 2 |
| Firmicutes;Clostridia;Clostridiales;Lachnospiraceae;Butyrivibrio;NA | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Firmicutes;Clostridia;Clostridiales;Lachnospiraceae;NA;NA | 61 | 1 | 112 | 174 | 283 | 15 | 3 | 301 | 84 | 12 | 15 | 111 | 1172 |
| Firmicutes;Clostridia;Clostridiales;Lachnospiraceae;Syntrophococcus;NA | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Firmicutes;Clostridia;Clostridiales;NA;NA;NA | 38 | 4 | 74 | 116 | 55 | 4 | 4 | 63 | 83 | 29 | 33 | 145 | 648 |
| Firmicutes;Clostridia;Clostridiales;Peptococcaceae;Desulfosporosinus;NA | 2 | 2 | 1 | 5 | 4 | 4 | 0 | 8 | 0 | 0 | 0 | 0 | 26 |
| Firmicutes;Clostridia;Clostridiales;Peptococcaceae;Desulfotomaculum;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 4 |
| Firmicutes;Clostridia;Clostridiales;Peptococcaceae;NA;NA | 1 | 0 | 3 | 4 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 10 |
| Firmicutes;Clostridia;Clostridiales;Peptostreptococcaceae;Fusibacter;NA | 8 | 5 | 64 | 77 | 54 | 5 | 8 | 67 | 3 | 0 | 1 | 4 | 296 |
| Firmicutes;Clostridia;Clostridiales;Peptostreptococcaceae;NA;NA | 7 | 0 | 0 | 7 | 11 | 2 | 1 | 14 | 6 | 2 | 2 | 10 | 62 |
| Firmicutes;Clostridia;Clostridiales;Peptostreptococcaceae;Peptoniphilus;NA | 0 | 0 | 9 | 9 | 4 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 26 |
| Firmicutes;Clostridia;Clostridiales;Peptostreptococcaceae;Sedimentibacter;NA | 1 | 0 | 15 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32 |
| Firmicutes;Clostridia;Clostridiales;Peptostreptococcaceae;Sporanaerobacter;NA | 29 | 0 | 0 | 29 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 60 |
| Firmicutes;Clostridia;Clostridiales;Peptostreptococcaceae;Tissierella;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 2 |
| Firmicutes;Clostridia;Clostridiales;Ruminococcaceae;Acetivibrio;NA | 8 | 0 | 4 | 12 | 6 | 1 | 2 | 9 | 20 | 0 | 6 | 26 | 94 |
| Firmicutes;Clostridia;Clostridiales;Ruminococcaceae;Faecalibacterium;NA | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 4 |
| Firmicutes;Clostridia;Clostridiales;Ruminococcaceae;NA;NA | 80 | 4 | 110 | 194 | 55 | 9 | 2 | 66 | 60 | 53 | 40 | 153 | 826 |
| Firmicutes;Clostridia;Clostridiales;Ruminococcaceae;Papillibacter;NA | 18 | 0 | 27 | 45 | 36 | 0 | 1 | 37 | 17 | 0 | 0 | 17 | 198 |
| Firmicutes;Clostridia;Clostridiales;Ruminococcaceae;Ruminococcus;NA | 0 | 0 | 3 | 3 | 0 | 0 | 0 | 0 | 2 | 1 | 1 | 4 | 14 |
| Firmicutes;Clostridia;Clostridiales;Ruminococcaceae;Subdoligranulum;NA | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 16 |
| Firmicutes;Clostridia;Clostridiales;Syntrophomonadaceae;Aminobacterium;NA | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 |
| Firmicutes;Clostridia;Clostridiales;Syntrophomonadaceae;Carboxydocella;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 2 |
| Firmicutes;Clostridia;Clostridiales;Syntrophomonadaceae;NA;NA | 1 | 1 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| Firmicutes;Clostridia;Clostridiales;Syntrophomonadaceae;Syntrophomonas;NA | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 4 |
| Firmicutes;Clostridia;Clostridiales;Veillonellaceae;Anaerospira;hongkongensis | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Firmicutes;Clostridia;Clostridiales;Veillonellaceae;Megamonas;NA | 2 | 0 | 0 | 2 | 13 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 30 |
| Firmicutes;Clostridia;Clostridiales;Veillonellaceae;NA;NA | 2 | 0 | 14 | 16 | 3 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 38 |
| Firmicutes;Clostridia;Clostridiales;Veillonellaceae;Quinella;NA | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 8 |

| Bacterial taxonomy in alphabetical order | Station ST1 | | | | Station ST3 | | | | Station ST2 | | | | grand total |
|--|-------------|-------------|-------------|-------|-------------|-------------|-------------|-------|-------------|-------------|-------------|-------|-------------|
| | Autumn 2007 | Spring 2008 | Summer 2008 | total | Autumn 2007 | Spring 2008 | Summer 2008 | total | Autumn 2007 | Spring 2008 | Summer 2008 | total | |
| Firmicutes;Clostridia;Clostridiales;Veillonellaceae;Selenomonas;NA | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Firmicutes;Clostridia;Halanaerobiales;Halanaerobiaceae;NA;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 2 |
| Firmicutes;Clostridia;NA;NA;NA;NA | 14 | 1 | 54 | 69 | 15 | 3 | 6 | 24 | 34 | 10 | 40 | 84 | 354 |
| Firmicutes;Clostridia;Thermoanaerobacteriales;Thermoanaerobacteriaceae;Thermacetogenium;NA | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 2 |
| Firmicutes;Erysipelotrichi;Erysipelotrichales;Erysipelotrichaceae;Bulleidia;NA | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 |
| Firmicutes;Erysipelotrichi;Erysipelotrichales;Erysipelotrichaceae;Erysipelothrix;NA | 13 | 1 | 7 | 21 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 46 |
| Firmicutes;Erysipelotrichi;Erysipelotrichales;Erysipelotrichaceae;NA;NA | 29 | 1 | 75 | 105 | 5 | 3 | 0 | 8 | 1 | 0 | 0 | 1 | 228 |
| Firmicutes;Erysipelotrichi;Erysipelotrichales;Erysipelotrichaceae;Turicibacter;NA | 6 | 0 | 0 | 6 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 14 |
| Firmicutes;Erysipelotrichi;Erysipelotrichales;Erysipelotrichaceae;Turicibacter;sanguinis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 1 | 0 | 9 | 18 |
| Firmicutes;NA;NA;NA;NA;NA | 19 | 0 | 46 | 65 | 10 | 1 | 32 | 43 | 46 | 11 | 8 | 65 | 346 |
| Fusobacteria;Fusobacteria;Fusobacteriales;Fusobacteriaceae;Fusobacterium;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 2 |
| Fusobacteria;Fusobacteria;Fusobacteriales;Fusobacteriaceae;NA;NA | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 6 |
| Fusobacteria;Fusobacteria;Fusobacteriales;Fusobacteriaceae;Propionigenium;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 4 |
| Fusobacteria;Fusobacteria;Fusobacteriales;NA;NA;NA | 0 | 0 | 0 | 0 | 36 | 0 | 0 | 36 | 0 | 0 | 0 | 0 | 72 |
| Fusobacteria;NA;NA;NA;NA;NA | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 2 | 6 |
| Gemmatimonadetes;Gemmatimonadetes;Gemmatimonadales;Gemmatimonadaceae;Gemmatimonas;NA | 449 | 113 | 429 | 991 | 217 | 185 | 105 | 507 | 4 | 1 | 0 | 5 | 3006 |
| Gemmatimonadetes;NA;NA;NA;NA;NA | 17 | 1 | 8 | 26 | 24 | 19 | 9 | 52 | 31 | 14 | 33 | 78 | 312 |
| JS1;NA;NA;NA;NA;NA | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Lentisphaerae;Lentisphaeria;Lentisphaerales;Lentisphaeraceae;Lentisphaera;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 |
| Lentisphaerae;Lentisphaeria;NA;NA;NA;NA | 0 | 0 | 6 | 6 | 8 | 3 | 4 | 15 | 25 | 9 | 10 | 44 | 130 |
| Lentisphaerae;Lentisphaeria;Victivallales;Victivallaceae;Victivallis;NA | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 2 | 1 | 3 | 8 |
| Lentisphaerae;NA;NA;NA;NA;NA | 42 | 3 | 60 | 105 | 58 | 59 | 12 | 129 | 67 | 104 | 48 | 219 | 906 |
| Nitrospira;NA;NA;NA;NA;NA | 2 | 0 | 0 | 2 | 0 | 3 | 2 | 5 | 5 | 0 | 0 | 5 | 24 |
| Nitrospira;Nitrospira;Nitrospirales;Nitrospiraceae;Magnetobacterium;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 2 | 0 | 5 | 10 |
| Nitrospira;Nitrospira;Nitrospirales;Nitrospiraceae;Nitrospira;NA | 4 | 0 | 0 | 4 | 2 | 2 | 3 | 7 | 1 | 0 | 1 | 2 | 26 |
| Nitrospira;Nitrospira;Nitrospirales;Nitrospiraceae;Thermodesulfobivrio;NA | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 2 |
| OD1;NA;NA;NA;NA;NA | 137 | 51 | 43 | 231 | 77 | 153 | 13 | 243 | 73 | 84 | 66 | 223 | 1394 |
| OP10;NA;NA;NA;NA;NA | 2 | 1 | 0 | 3 | 1 | 1 | 0 | 2 | 1 | 0 | 0 | 1 | 12 |
| OP11;NA;NA;NA;NA;NA | 3 | 0 | 1 | 4 | 4 | 0 | 0 | 4 | 2 | 0 | 2 | 4 | 24 |
| OP3;NA;NA;NA;NA;NA | 3 | 0 | 0 | 3 | 1 | 1 | 0 | 2 | 1 | 0 | 0 | 1 | 12 |
| OP5;NA;NA;NA;NA;NA | 1 | 0 | 4 | 5 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 12 |
| OP8;NA;NA;NA;NA;NA | 0 | 1 | 5 | 6 | 0 | 0 | 0 | 0 | 14 | 3 | 1 | 18 | 48 |
| Planctomycetes;NA;NA;NA;NA;NA | 27 | 1 | 6 | 34 | 6 | 35 | 2 | 43 | 21 | 27 | 31 | 79 | 312 |
| Planctomycetes;Planctomycetacia;Planctomycetales;Planctomycetaceae;Blastopirellula;NA | 29 | 2 | 1 | 32 | 13 | 9 | 15 | 37 | 61 | 73 | 50 | 184 | 506 |
| Planctomycetes;Planctomycetacia;Planctomycetales;Planctomycetaceae;Blastopirellula;marina | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 2 |
| Planctomycetes;Planctomycetacia;Planctomycetales;Planctomycetaceae;Gemmata;NA | 37 | 7 | 4 | 48 | 21 | 2 | 28 | 51 | 0 | 0 | 0 | 0 | 198 |
| Planctomycetes;Planctomycetacia;Planctomycetales;Planctomycetaceae;Isosphaera;NA | 17 | 1 | 2 | 20 | 1 | 0 | 1 | 2 | 0 | 0 | 1 | 1 | 46 |
| Planctomycetes;Planctomycetacia;Planctomycetales;Planctomycetaceae;NA;NA | 301 | 36 | 219 | 556 | 277 | 303 | 110 | 690 | 418 | 299 | 397 | 1114 | 4720 |

| Bacterial taxonomy in alphabetical order | Station ST1 | | | | Station ST3 | | | | Station ST2 | | | | grand total |
|--|-------------|-------------|-------------|-------|-------------|-------------|-------------|-------|-------------|-------------|-------------|-------|-------------|
| | Autumn 2007 | Spring 2008 | Summer 2008 | total | Autumn 2007 | Spring 2008 | Summer 2008 | total | Autumn 2007 | Spring 2008 | Summer 2008 | total | |
| Planctomycetes;Planctomycetacia;Planctomycetales;Planctomycetaceae;Pirellula;NA | 36 | 16 | 5 | 57 | 15 | 28 | 26 | 69 | 4 | 1 | 8 | 13 | 278 |
| Planctomycetes;Planctomycetacia;Planctomycetales;Planctomycetaceae;Planctomyces;NA | 22 | 1 | 5 | 28 | 21 | 25 | 22 | 68 | 12 | 9 | 8 | 29 | 250 |
| Planctomycetes;Planctomycetacia;Planctomycetales;Planctomycetaceae;Planctomyces;brasilensis | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 6 |
| Planctomycetes;Planctomycetacia;Planctomycetales;Planctomycetaceae;Planctomyces;maris | 1 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| Proteobacteria;Alphaproteobacteria;Caulobacterales;Caulobacteraceae;Asticcacaulis;NA | 3 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| Proteobacteria;Alphaproteobacteria;Caulobacterales;Caulobacteraceae;Brevundimonas;NA | 7 | 0 | 1 | 8 | 10 | 0 | 4 | 14 | 0 | 0 | 0 | 0 | 44 |
| Proteobacteria;Alphaproteobacteria;Caulobacterales;Caulobacteraceae;Caulobacter;NA | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Proteobacteria;Alphaproteobacteria;Caulobacterales;Caulobacteraceae;NA;NA | 3 | 0 | 1 | 4 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 12 |
| Proteobacteria;Alphaproteobacteria;Caulobacterales;Caulobacteraceae;Phenylobacterium;NA | 2 | 0 | 0 | 2 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 6 |
| Proteobacteria;Alphaproteobacteria;Kordiimonadales;Kordiimonadaceae;Kordiimonas;NA | 2 | 5 | 14 | 21 | 24 | 57 | 4 | 85 | 2 | 0 | 21 | 23 | 258 |
| Proteobacteria;Alphaproteobacteria;NA;NA;NA;NA | 569 | 56 | 184 | 809 | 283 | 158 | 65 | 506 | 84 | 95 | 163 | 342 | 3314 |
| Proteobacteria;Alphaproteobacteria;Parvularculales;Parvularculaceae;Parvularcula;NA | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 6 | 1 | 0 | 0 | 1 | 14 |
| Proteobacteria;Alphaproteobacteria;Parvularculales;Parvularculaceae;Parvularcula;bermudensis | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 6 |
| Proteobacteria;Alphaproteobacteria;Rhizobiales;Aurantimonadaceae;Aurantimonas;NA | 2 | 0 | 0 | 2 | 0 | 0 | 2 | 2 | 0 | 0 | 1 | 1 | 10 |
| Proteobacteria;Alphaproteobacteria;Rhizobiales;Aurantimonadaceae;Fulvimarina;NA | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 0 | 0 | 0 | 0 | 6 |
| Proteobacteria;Alphaproteobacteria;Rhizobiales;Aurantimonadaceae;Fulvimarina;pelagi | 4 | 0 | 0 | 4 | 5 | 0 | 12 | 17 | 0 | 0 | 0 | 0 | 42 |
| Proteobacteria;Alphaproteobacteria;Rhizobiales;Aurantimonadaceae;Martellella;NA | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 8 |
| Proteobacteria;Alphaproteobacteria;Rhizobiales;Beijerinckiaceae;Chelatococcus;NA | 3 | 17 | 70 | 90 | 6 | 4 | 1 | 11 | 0 | 0 | 0 | 0 | 202 |
| Proteobacteria;Alphaproteobacteria;Rhizobiales;Beijerinckiaceae;Methylocella;NA | 1 | 0 | 0 | 1 | 3 | 0 | 1 | 4 | 0 | 0 | 0 | 0 | 10 |
| Proteobacteria;Alphaproteobacteria;Rhizobiales;Beijerinckiaceae;NA;NA | 2 | 0 | 0 | 2 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 8 |
| Proteobacteria;Alphaproteobacteria;Rhizobiales;Bradyrhizobiaceae;Bosea;NA | 3 | 3 | 1 | 7 | 1 | 0 | 3 | 4 | 0 | 0 | 0 | 0 | 22 |
| Proteobacteria;Alphaproteobacteria;Rhizobiales;Bradyrhizobiaceae;Bradyrhizobium;NA | 1 | 0 | 0 | 1 | 1 | 1 | 2 | 4 | 0 | 0 | 0 | 0 | 10 |
| Proteobacteria;Alphaproteobacteria;Rhizobiales;Bradyrhizobiaceae;NA;NA | 9 | 56 | 208 | 273 | 37 | 9 | 15 | 61 | 0 | 0 | 1 | 1 | 670 |
| Proteobacteria;Alphaproteobacteria;Rhizobiales;Hyphomicrobiaceae;Ancalomicrobium;NA | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 4 |
| Proteobacteria;Alphaproteobacteria;Rhizobiales;Hyphomicrobiaceae;Devosia;NA | 22 | 0 | 2 | 24 | 6 | 3 | 15 | 24 | 0 | 1 | 1 | 2 | 100 |
| Proteobacteria;Alphaproteobacteria;Rhizobiales;Hyphomicrobiaceae;Filomicrobium;NA | 10 | 0 | 0 | 10 | 8 | 12 | 2 | 22 | 2 | 2 | 7 | 11 | 86 |
| Proteobacteria;Alphaproteobacteria;Rhizobiales;Hyphomicrobiaceae;Hyphomicrobium;NA | 61 | 6 | 2 | 69 | 14 | 24 | 7 | 45 | 48 | 24 | 54 | 126 | 480 |
| Proteobacteria;Alphaproteobacteria;Rhizobiales;Hyphomicrobiaceae;NA;NA | 15 | 7 | 19 | 41 | 11 | 18 | 18 | 47 | 17 | 8 | 19 | 44 | 264 |
| Proteobacteria;Alphaproteobacteria;Rhizobiales;Hyphomicrobiaceae;Pedomicrobium;NA | 5 | 0 | 0 | 5 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 12 |
| Proteobacteria;Alphaproteobacteria;Rhizobiales;Hyphomicrobiaceae;Rhodomicrobium;NA | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 3 | 0 | 0 | 0 | 0 | 6 |
| Proteobacteria;Alphaproteobacteria;Rhizobiales;Hyphomicrobiaceae;Rhodoplanes;NA | 15 | 1 | 1 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34 |
| Proteobacteria;Alphaproteobacteria;Rhizobiales;Methylobacteriaceae;Meganema;NA | 0 | 1 | 0 | 1 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 6 |
| Proteobacteria;Alphaproteobacteria;Rhizobiales;Methylobacteriaceae;Methylobacterium;NA | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 4 |
| Proteobacteria;Alphaproteobacteria;Rhizobiales;Methylobacteriaceae;Microvirga;NA | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 4 |
| Proteobacteria;Alphaproteobacteria;Rhizobiales;Methylocystaceae;Pleomorphonas;NA | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Proteobacteria;Alphaproteobacteria;Rhizobiales;Methylocystaceae;Terasakiella;NA | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 3 | 0 | 0 | 1 | 1 | 8 |
| Proteobacteria;Alphaproteobacteria;Rhizobiales;NA;NA;NA | 100 | 10 | 40 | 150 | 30 | 49 | 43 | 122 | 105 | 58 | 104 | 267 | 1078 |
| Proteobacteria;Alphaproteobacteria;Rhizobiales;Phyllobacteriaceae;Hoefflea;NA | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 2 |

| Bacterial taxonomy in alphabetical order | Station ST1 | | | | Station ST3 | | | | Station ST2 | | | | grand total |
|--|-------------|-------------|-------------|-------|-------------|-------------|-------------|-------|-------------|-------------|-------------|-------|-------------|
| | Autumn 2007 | Spring 2008 | Summer 2008 | total | Autumn 2007 | Spring 2008 | Summer 2008 | total | Autumn 2007 | Spring 2008 | Summer 2008 | total | |
| Proteobacteria;Alphaproteobacteria;Rhizobiales;Phyllobacteriaceae;Mesorhizobium;NA | 9 | 1 | 6 | 16 | 4 | 4 | 13 | 21 | 0 | 1 | 1 | 2 | 78 |
| Proteobacteria;Alphaproteobacteria;Rhizobiales;Phyllobacteriaceae;NA;NA | 13 | 0 | 0 | 13 | 23 | 26 | 16 | 65 | 5 | 1 | 9 | 15 | 186 |
| Proteobacteria;Alphaproteobacteria;Rhizobiales;Phyllobacteriaceae;Phyllobacterium;NA | 0 | 0 | 0 | 0 | 3 | 1 | 0 | 4 | 0 | 0 | 0 | 0 | 8 |
| Proteobacteria;Alphaproteobacteria;Rhizobiales;Rhizobiaceae;Kaistia;NA | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Proteobacteria;Alphaproteobacteria;Rhizobiales;Rhizobiaceae;NA;NA | 2 | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 8 |
| Proteobacteria;Alphaproteobacteria;Rhizobiales;Rhizobiaceae;Rhizobium;NA | 11 | 2 | 4 | 17 | 4 | 3 | 14 | 21 | 3 | 0 | 1 | 4 | 84 |
| Proteobacteria;Alphaproteobacteria;Rhizobiales;Rhodobiaceae;NA;NA | 6 | 0 | 1 | 7 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 16 |
| Proteobacteria;Alphaproteobacteria;Rhizobiales;Rhodobiaceae;Parvibaculum;NA | 35 | 2 | 21 | 58 | 18 | 3 | 5 | 26 | 4 | 1 | 5 | 10 | 188 |
| Proteobacteria;Alphaproteobacteria;Rhizobiales;Rhodobiaceae;Rhodobium;NA | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 2 |
| Proteobacteria;Alphaproteobacteria;Rhizobiales;Rhodobiaceae;Rhodobium;orientis | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Proteobacteria;Alphaproteobacteria;Rhizobiales;Rhodobiaceae;Rhodobium;pfennigii | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 3 | 0 | 0 | 3 | 8 |
| Proteobacteria;Alphaproteobacteria;Rhizobiales;Rhodobiaceae;Roseospirillum;NA | 0 | 0 | 11 | 11 | 29 | 8 | 7 | 44 | 1 | 0 | 0 | 1 | 112 |
| Proteobacteria;Alphaproteobacteria;Rhizobiales;Xanthobacteraceae;Ancylobacter;NA | 8 | 8 | 122 | 138 | 48 | 2 | 9 | 59 | 0 | 0 | 0 | 0 | 394 |
| Proteobacteria;Alphaproteobacteria;Rhizobiales;Xanthobacteraceae;Labrys;NA | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 6 |
| Proteobacteria;Alphaproteobacteria;Rhodobacterales;Hyphomonadaceae;Hyphomonas;NA | 59 | 28 | 40 | 127 | 77 | 56 | 16 | 149 | 1 | 1 | 4 | 6 | 564 |
| Proteobacteria;Alphaproteobacteria;Rhodobacterales;Hyphomonadaceae;Maricaulis;NA | 0 | 0 | 0 | 0 | 2 | 3 | 0 | 5 | 0 | 0 | 3 | 3 | 16 |
| Proteobacteria;Alphaproteobacteria;Rhodobacterales;Hyphomonadaceae;Oceanicaulis;NA | 0 | 2 | 7 | 9 | 3 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 24 |
| Proteobacteria;Alphaproteobacteria;Rhodobacterales;NA;NA;NA | 0 | 0 | 0 | 0 | 5 | 4 | 0 | 9 | 0 | 0 | 0 | 0 | 18 |
| Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacteraceae;Ahrensia;NA | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 9 | 10 | 21 | 46 |
| Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacteraceae;Amaricoccus;NA | 897 | 49 | 103 | 1049 | 349 | 321 | 130 | 800 | 214 | 174 | 278 | 666 | 5030 |
| Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacteraceae;Antarctobacter;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 6 | 3 | 10 | 20 |
| Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacteraceae;Catellibacterium;NA | 5 | 2 | 0 | 7 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 18 |
| Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacteraceae;Citricella;NA | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 2 |
| Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacteraceae;Haematobacter;NA | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 |
| Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacteraceae;Jannaschia;NA | 1 | 3 | 10 | 14 | 20 | 21 | 8 | 49 | 39 | 21 | 55 | 115 | 356 |
| Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacteraceae;Loktanella;NA | 66 | 75 | 285 | 426 | 283 | 721 | 117 | 1121 | 388 | 540 | 296 | 1224 | 5542 |
| Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacteraceae;Loktanella;vestfoldensis | 36 | 117 | 185 | 338 | 173 | 32 | 50 | 255 | 0 | 0 | 1 | 1 | 1188 |
| Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacteraceae;NA;NA | 1207 | 446 | 3094 | 4747 | 1972 | 1532 | 905 | 4409 | 1038 | 1284 | 1817 | 4139 | 26590 |
| Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacteraceae;Nereida;NA | 0 | 0 | 0 | 0 | 5 | 2 | 1 | 8 | 0 | 1 | 1 | 2 | 20 |
| Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacteraceae;Oceanicola;batsensis | 0 | 0 | 0 | 0 | 3 | 9 | 1 | 13 | 12 | 17 | 31 | 60 | 146 |
| Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacteraceae;Octadecabacter;NA | 0 | 0 | 0 | 0 | 2 | 4 | 6 | 12 | 1 | 0 | 1 | 2 | 28 |
| Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacteraceae;Palleronia;NA | 97 | 0 | 29 | 126 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 254 |
| Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacteraceae;Pannonibacter;NA | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 6 |
| Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacteraceae;Paracoccus;NA | 95 | 4 | 2 | 101 | 13 | 12 | 12 | 37 | 0 | 2 | 0 | 2 | 280 |
| Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacteraceae;Paracoccus;alcaliphilus | 186 | 30 | 6 | 222 | 28 | 0 | 5 | 33 | 0 | 0 | 0 | 0 | 510 |
| Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacteraceae;Paracoccus;thiocyanatus | 16 | 4 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 |
| Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacteraceae;Phaeobacter;NA | 0 | 0 | 1 | 1 | 15 | 7 | 15 | 37 | 0 | 4 | 0 | 4 | 84 |
| Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacteraceae;Pseudorhodobacter;NA | 51 | 17 | 1 | 69 | 76 | 28 | 31 | 135 | 0 | 0 | 0 | 0 | 408 |

| Bacterial taxonomy in alphabetical order | Station ST1 | | | | Station ST3 | | | | Station ST2 | | | | grand total |
|--|-------------|-------------|-------------|-------|-------------|-------------|-------------|-------|-------------|-------------|-------------|-------|-------------|
| | Autumn 2007 | Spring 2008 | Summer 2008 | total | Autumn 2007 | Spring 2008 | Summer 2008 | total | Autumn 2007 | Spring 2008 | Summer 2008 | total | |
| Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacteraceae;Pseudovibrio;NA | 0 | 0 | 0 | 0 | 1 | 3 | 0 | 4 | 0 | 0 | 0 | 0 | 8 |
| Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacteraceae;Rhodobaca;NA | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 2 |
| Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacteraceae;Rhodobaca;bogoriensis | 0 | 6 | 20 | 26 | 12 | 3 | 1 | 16 | 0 | 0 | 0 | 0 | 84 |
| Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacteraceae;Rhodobacter;NA | 555 | 237 | 289 | 1081 | 274 | 61 | 86 | 421 | 28 | 21 | 40 | 89 | 3182 |
| Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacteraceae;Rhodobacter;capsulatus | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 4 | 0 | 3 | 0 | 3 | 14 |
| Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacteraceae;Rhodovulum;NA | 0 | 0 | 0 | 0 | 1 | 0 | 4 | 5 | 0 | 0 | 0 | 0 | 10 |
| Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacteraceae;Rhodovulum;robiginosum | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 3 | 6 | 3 | 6 | 15 | 36 |
| Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacteraceae;Roseicyclus;NA | 4 | 4 | 23 | 31 | 13 | 32 | 15 | 60 | 0 | 1 | 4 | 5 | 192 |
| Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacteraceae;Roseicyclus;mahoneyensis | 53 | 130 | 207 | 390 | 77 | 7 | 21 | 105 | 0 | 2 | 0 | 2 | 994 |
| Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacteraceae;Roseisalinus;antarcticus | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 5 | 10 |
| Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacteraceae;Roseobacter;NA | 12 | 16 | 13 | 41 | 105 | 105 | 28 | 238 | 26 | 83 | 69 | 178 | 914 |
| Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacteraceae;Roseovarius;NA | 26 | 257 | 139 | 422 | 130 | 180 | 44 | 354 | 79 | 92 | 111 | 282 | 2116 |
| Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacteraceae;Rubrimonas;NA | 247 | 57 | 496 | 800 | 170 | 38 | 30 | 238 | 12 | 18 | 66 | 96 | 2268 |
| Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacteraceae;Rubrimonas;cliftonensis | 34 | 19 | 57 | 110 | 77 | 14 | 12 | 103 | 0 | 0 | 1 | 1 | 428 |
| Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacteraceae;Shimia;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 3 | 6 |
| Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacteraceae;Stappia;NA | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 2 |
| Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacteraceae;Sulfitobacter;NA | 14 | 16 | 52 | 82 | 159 | 263 | 50 | 472 | 164 | 202 | 223 | 589 | 2286 |
| Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacteraceae;Thalassobius;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 2 | 4 |
| Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacteraceae;Yangia;NA | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 1 | 1 | 2 | 8 |
| Proteobacteria;Alphaproteobacteria;Rhodospirillales;Acetobacteraceae;Acidisphaera;NA | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 |
| Proteobacteria;Alphaproteobacteria;Rhodospirillales;Acetobacteraceae;Gluconacetobacter;NA | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 4 |
| Proteobacteria;Alphaproteobacteria;Rhodospirillales;Acetobacteraceae;NA;NA | 142 | 3 | 27 | 172 | 28 | 4 | 4 | 36 | 0 | 0 | 0 | 0 | 416 |
| Proteobacteria;Alphaproteobacteria;Rhodospirillales;Acetobacteraceae;Roseomonas;NA | 138 | 5 | 18 | 161 | 29 | 8 | 11 | 48 | 1 | 0 | 0 | 1 | 420 |
| Proteobacteria;Alphaproteobacteria;Rhodospirillales;Acetobacteraceae;Rubritepida;NA | 1 | 0 | 8 | 9 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 20 |
| Proteobacteria;Alphaproteobacteria;Rhodospirillales;Acetobacteraceae;Stella;NA | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| Proteobacteria;Alphaproteobacteria;Rhodospirillales;NA;NA;NA | 17 | 1 | 4 | 22 | 8 | 16 | 8 | 32 | 2 | 3 | 3 | 8 | 124 |
| Proteobacteria;Alphaproteobacteria;Rhodospirillales;Rhodospirillaceae;Azospirillum;NA | 2 | 0 | 0 | 2 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 6 |
| Proteobacteria;Alphaproteobacteria;Rhodospirillales;Rhodospirillaceae;Defluviicoccus;NA | 33 | 2 | 1 | 36 | 6 | 0 | 0 | 6 | 3 | 0 | 1 | 4 | 92 |
| Proteobacteria;Alphaproteobacteria;Rhodospirillales;Rhodospirillaceae;Inquilinus;NA | 1 | 0 | 0 | 1 | 2 | 3 | 1 | 6 | 0 | 0 | 1 | 1 | 16 |
| Proteobacteria;Alphaproteobacteria;Rhodospirillales;Rhodospirillaceae;Magnetospirillum;NA | 0 | 0 | 0 | 0 | 1 | 3 | 0 | 4 | 0 | 0 | 0 | 0 | 8 |
| Proteobacteria;Alphaproteobacteria;Rhodospirillales;Rhodospirillaceae;Magnetospirillum;gryphiswaldense | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Proteobacteria;Alphaproteobacteria;Rhodospirillales;Rhodospirillaceae;NA;NA | 1 | 1 | 1 | 3 | 19 | 12 | 7 | 38 | 1 | 0 | 5 | 6 | 94 |
| Proteobacteria;Alphaproteobacteria;Rhodospirillales;Rhodospirillaceae;Rhodovibrio;NA | 1 | 1 | 34 | 36 | 17 | 26 | 6 | 49 | 0 | 2 | 7 | 9 | 188 |
| Proteobacteria;Alphaproteobacteria;Rhodospirillales;Rhodospirillaceae;Roseospira;marina | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Proteobacteria;Alphaproteobacteria;Rhodospirillales;Rhodospirillaceae;Roseospira;navarrensis | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| Proteobacteria;Alphaproteobacteria;Rhodospirillales;Rhodospirillaceae;Skermanella;NA | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Proteobacteria;Alphaproteobacteria;Rhodospirillales;Rhodospirillaceae;Thalassospira;NA | 1 | 1 | 9 | 11 | 0 | 1 | 0 | 1 | 0 | 1 | 2 | 3 | 30 |
| Proteobacteria;Alphaproteobacteria;Rickettsiales;Anaplasmataceae;Neorickettsia;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 2 |

| Bacterial taxonomy in alphabetical order | Station ST1 | | | | Station ST3 | | | | Station ST2 | | | | grand total |
|---|-------------|-------------|-------------|-------|-------------|-------------|-------------|-------|-------------|-------------|-------------|-------|-------------|
| | Autumn 2007 | Spring 2008 | Summer 2008 | total | Autumn 2007 | Spring 2008 | Summer 2008 | total | Autumn 2007 | Spring 2008 | Summer 2008 | total | |
| Proteobacteria;Alphaproteobacteria;Rickettsiales;NA;NA;NA | 2 | 1 | 0 | 3 | 1 | 12 | 1 | 14 | 2 | 3 | 8 | 13 | 60 |
| Proteobacteria;Alphaproteobacteria;Rickettsiales;Rickettsiaceae;NA;NA | 0 | 0 | 0 | 0 | 3 | 3 | 1 | 7 | 0 | 0 | 1 | 1 | 16 |
| Proteobacteria;Alphaproteobacteria;Rickettsiales;Rickettsiaceae;Orientia;NA | 0 | 0 | 0 | 0 | 1 | 4 | 0 | 5 | 1 | 2 | 0 | 3 | 16 |
| Proteobacteria;Alphaproteobacteria;Rickettsiales;Rickettsiaceae;Rickettsia;NA | 0 | 0 | 1 | 1 | 0 | 1 | 3 | 4 | 2 | 2 | 5 | 9 | 28 |
| Proteobacteria;Alphaproteobacteria;Rickettsiales;Rickettsiaceae;Rickettsia;canadensis | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 2 |
| Proteobacteria;Alphaproteobacteria;Rickettsiales;Rickettsiaceae;Rickettsia;montanensis | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| Proteobacteria;Alphaproteobacteria;Rickettsiales;SAR11;NA;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 2 |
| Proteobacteria;Alphaproteobacteria;Rickettsiales;Unassigned;Caedibacter;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 17 | 34 |
| Proteobacteria;Alphaproteobacteria;Rickettsiales;Unassigned;Odysella;NA | 1 | 0 | 0 | 1 | 7 | 1 | 1 | 9 | 0 | 0 | 0 | 0 | 20 |
| Proteobacteria;Alphaproteobacteria;Sphingomonadales;Erythrobacteraceae;Erythrobacter;NA | 7 | 10 | 59 | 76 | 16 | 49 | 25 | 90 | 27 | 41 | 56 | 124 | 580 |
| Proteobacteria;Alphaproteobacteria;Sphingomonadales;Erythrobacteraceae;NA;NA | 221 | 465 | 836 | 1522 | 249 | 118 | 338 | 705 | 2 | 5 | 5 | 12 | 4478 |
| Proteobacteria;Alphaproteobacteria;Sphingomonadales;Erythrobacteraceae;Porphyrobacter;NA | 8 | 21 | 33 | 62 | 12 | 6 | 18 | 36 | 0 | 0 | 0 | 0 | 196 |
| Proteobacteria;Alphaproteobacteria;Sphingomonadales;NA;NA;NA | 22 | 3 | 0 | 25 | 6 | 2 | 30 | 38 | 0 | 0 | 0 | 0 | 126 |
| Proteobacteria;Alphaproteobacteria;Sphingomonadales;Sphingomonadaceae;Blastomonas;NA | 8 | 4 | 3 | 15 | 1 | 2 | 6 | 9 | 0 | 0 | 0 | 0 | 48 |
| Proteobacteria;Alphaproteobacteria;Sphingomonadales;Sphingomonadaceae;NA;NA | 2320 | 263 | 316 | 2899 | 258 | 101 | 84 | 443 | 2 | 1 | 0 | 3 | 6690 |
| Proteobacteria;Alphaproteobacteria;Sphingomonadales;Sphingomonadaceae;Novosphingobium;NA | 17 | 0 | 3 | 20 | 3 | 3 | 1 | 7 | 0 | 0 | 0 | 0 | 54 |
| Proteobacteria;Alphaproteobacteria;Sphingomonadales;Sphingomonadaceae;Sandaracinobacter;NA | 19 | 7 | 4 | 30 | 3 | 0 | 4 | 7 | 0 | 0 | 0 | 0 | 74 |
| Proteobacteria;Alphaproteobacteria;Sphingomonadales;Sphingomonadaceae;Sandarakinorhabdus;NA | 39 | 9 | 10 | 58 | 3 | 2 | 3 | 8 | 0 | 0 | 0 | 0 | 132 |
| Proteobacteria;Alphaproteobacteria;Sphingomonadales;Sphingomonadaceae;Sandarakinorhabdus;limnophila | 1 | 3 | 4 | 8 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 20 |
| Proteobacteria;Alphaproteobacteria;Sphingomonadales;Sphingomonadaceae;Sphingobium;NA | 3 | 0 | 0 | 3 | 1 | 6 | 1 | 8 | 1 | 0 | 0 | 1 | 24 |
| Proteobacteria;Alphaproteobacteria;Sphingomonadales;Sphingomonadaceae;Sphingomonas;NA | 32 | 0 | 2 | 34 | 1 | 0 | 6 | 7 | 0 | 0 | 0 | 0 | 82 |
| Proteobacteria;Alphaproteobacteria;Sphingomonadales;Sphingomonadaceae;Sphingopyxis;NA | 7 | 4 | 0 | 11 | 11 | 27 | 15 | 53 | 1 | 3 | 1 | 5 | 138 |
| Proteobacteria;Betaproteobacteria;Burkholderiales;Alcaligenaceae;Achromobacter;NA | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 6 |
| Proteobacteria;Betaproteobacteria;Burkholderiales;Alcaligenaceae;Derrxia;NA | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| Proteobacteria;Betaproteobacteria;Burkholderiales;Alcaligenaceae;NA;NA | 1 | 0 | 0 | 1 | 1 | 2 | 2 | 5 | 0 | 0 | 0 | 0 | 12 |
| Proteobacteria;Betaproteobacteria;Burkholderiales;Burkholderiaceae;Cupriavidus;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 |
| Proteobacteria;Betaproteobacteria;Burkholderiales;Burkholderiaceae;Limnobacter;NA | 0 | 1 | 0 | 1 | 0 | 7 | 0 | 7 | 0 | 1 | 0 | 1 | 18 |
| Proteobacteria;Betaproteobacteria;Burkholderiales;Burkholderiaceae;Pandoraea;pulmonicola | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 2 |
| Proteobacteria;Betaproteobacteria;Burkholderiales;Burkholderiaceae;Ralstonia;NA | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 6 |
| Proteobacteria;Betaproteobacteria;Burkholderiales;Comamonadaceae;Acidovorax;NA | 3 | 0 | 0 | 3 | 0 | 0 | 8 | 8 | 0 | 0 | 0 | 0 | 22 |
| Proteobacteria;Betaproteobacteria;Burkholderiales;Comamonadaceae;Comamonas;NA | 0 | 2 | 0 | 2 | 24 | 0 | 17 | 41 | 0 | 0 | 0 | 0 | 86 |
| Proteobacteria;Betaproteobacteria;Burkholderiales;Comamonadaceae;Curvibacter;NA | 1 | 0 | 0 | 1 | 3 | 0 | 1 | 4 | 0 | 0 | 0 | 0 | 10 |
| Proteobacteria;Betaproteobacteria;Burkholderiales;Comamonadaceae;Delftia;NA | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Proteobacteria;Betaproteobacteria;Burkholderiales;Comamonadaceae;Giesbergeria;NA | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Proteobacteria;Betaproteobacteria;Burkholderiales;Comamonadaceae;Hydrogenophaga;NA | 31 | 35 | 2 | 68 | 174 | 188 | 52 | 414 | 1 | 1 | 0 | 2 | 968 |
| Proteobacteria;Betaproteobacteria;Burkholderiales;Comamonadaceae;NA;NA | 137 | 21 | 7 | 165 | 360 | 54 | 95 | 509 | 0 | 0 | 0 | 0 | 1348 |
| Proteobacteria;Betaproteobacteria;Burkholderiales;Comamonadaceae;Pelomonas;NA | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 4 |
| Proteobacteria;Betaproteobacteria;Burkholderiales;Comamonadaceae;Polaromonas;NA | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 2 |

| Bacterial taxonomy in alphabetical order | Station ST1 | | | | Station ST3 | | | | Station ST2 | | | | grand total |
|--|-------------|-------------|-------------|-------|-------------|-------------|-------------|-------|-------------|-------------|-------------|-------|-------------|
| | Autumn 2007 | Spring 2008 | Summer 2008 | total | Autumn 2007 | Spring 2008 | Summer 2008 | total | Autumn 2007 | Spring 2008 | Summer 2008 | total | |
| Proteobacteria;Betaproteobacteria;Burkholderiales;Comamonadaceae;Rhodiferax;NA | 0 | 4 | 0 | 4 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 10 |
| Proteobacteria;Betaproteobacteria;Burkholderiales;Comamonadaceae;Variovorax;NA | 3 | 0 | 0 | 3 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 10 |
| Proteobacteria;Betaproteobacteria;Burkholderiales;NA;NA;NA | 408 | 68 | 113 | 589 | 406 | 95 | 333 | 834 | 2 | 0 | 0 | 2 | 2850 |
| Proteobacteria;Betaproteobacteria;Burkholderiales;Oxalobacteraceae;Herbaspirillum;NA | 1 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| Proteobacteria;Betaproteobacteria;Burkholderiales;Oxalobacteraceae;Janthinobacterium;NA | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Proteobacteria;Betaproteobacteria;Burkholderiales;Oxalobacteraceae;Massilia;NA | 2 | 0 | 0 | 2 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 6 |
| Proteobacteria;Betaproteobacteria;Burkholderiales;Oxalobacteraceae;NA;NA | 20 | 0 | 3 | 23 | 10 | 8 | 6 | 24 | 0 | 0 | 0 | 0 | 94 |
| Proteobacteria;Betaproteobacteria;Burkholderiales;Oxalobacteraceae;Oxalobacter;NA | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Proteobacteria;Betaproteobacteria;Burkholderiales;Unassigned;Aquabacterium;NA | 3 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| Proteobacteria;Betaproteobacteria;Burkholderiales;Unassigned;Leptothrix;NA | 30 | 3 | 7 | 40 | 31 | 24 | 19 | 74 | 0 | 0 | 0 | 0 | 228 |
| Proteobacteria;Betaproteobacteria;Burkholderiales;Unassigned;Methylibium;NA | 16 | 8 | 1 | 25 | 94 | 29 | 8 | 131 | 0 | 0 | 0 | 0 | 312 |
| Proteobacteria;Betaproteobacteria;Burkholderiales;Unassigned;Thiomonas;NA | 1 | 0 | 0 | 1 | 3 | 10 | 3 | 16 | 0 | 0 | 0 | 0 | 34 |
| Proteobacteria;Betaproteobacteria;Hydrogenophilales;Hydrogenophilaceae;Thiobacillus;NA | 34 | 3 | 0 | 37 | 0 | 3 | 0 | 3 | 0 | 0 | 0 | 0 | 80 |
| Proteobacteria;Betaproteobacteria;Methylophilales;Methylophilaceae;Methylophilus;NA | 6 | 0 | 0 | 6 | 8 | 16 | 5 | 29 | 0 | 0 | 0 | 0 | 70 |
| Proteobacteria;Betaproteobacteria;Methylophilales;Methylophilaceae;NA;NA | 8 | 2 | 1 | 11 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 24 |
| Proteobacteria;Betaproteobacteria;NA;NA;NA;NA | 59 | 1 | 3 | 63 | 8 | 20 | 3 | 31 | 2 | 0 | 0 | 2 | 192 |
| Proteobacteria;Betaproteobacteria;Neisseriales;Neisseriaceae;NA;NA | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Proteobacteria;Betaproteobacteria;Neisseriales;Neisseriaceae;Silvimonas;NA | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Proteobacteria;Betaproteobacteria;Nitrosomonadales;NA;NA;NA | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 6 | 2 | 8 | 26 |
| Proteobacteria;Betaproteobacteria;Nitrosomonadales;Nitrosomonadaceae;NA;NA | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Proteobacteria;Betaproteobacteria;Nitrosomonadales;Nitrosomonadaceae;Nitrosomonas;NA | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Proteobacteria;Betaproteobacteria;Rhodocyclales;Rhodocyclaceae;Azoarcus;NA | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Proteobacteria;Betaproteobacteria;Rhodocyclales;Rhodocyclaceae;Azospira;NA | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 4 |
| Proteobacteria;Betaproteobacteria;Rhodocyclales;Rhodocyclaceae;Dechloromonas;NA | 8 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 20 |
| Proteobacteria;Betaproteobacteria;Rhodocyclales;Rhodocyclaceae;Denitratisoma;NA | 7 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| Proteobacteria;Betaproteobacteria;Rhodocyclales;Rhodocyclaceae;Ferribacterium;NA | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Proteobacteria;Betaproteobacteria;Rhodocyclales;Rhodocyclaceae;NA;NA | 23 | 1 | 11 | 35 | 40 | 13 | 9 | 62 | 3 | 6 | 6 | 15 | 224 |
| Proteobacteria;Betaproteobacteria;Rhodocyclales;Rhodocyclaceae;Propionivibrio;NA | 3 | 2 | 0 | 5 | 31 | 1 | 0 | 32 | 0 | 0 | 0 | 0 | 74 |
| Proteobacteria;Betaproteobacteria;Rhodocyclales;Rhodocyclaceae;Shinella;NA | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 6 |
| Proteobacteria;Betaproteobacteria;Rhodocyclales;Rhodocyclaceae;Sterolibacterium;NA | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 |
| Proteobacteria;Betaproteobacteria;Rhodocyclales;Rhodocyclaceae;Thauera;NA | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 3 | 0 | 0 | 0 | 0 | 6 |
| Proteobacteria;Deltaproteobacteria;Bdellovibrionales;Bacteriovoraceae;Bacteriovorax;NA | 1 | 0 | 0 | 1 | 3 | 2 | 1 | 6 | 6 | 3 | 7 | 16 | 46 |
| Proteobacteria;Deltaproteobacteria;Bdellovibrionales;Bacteriovoraceae;NA;NA | 4 | 0 | 1 | 5 | 17 | 14 | 0 | 31 | 6 | 9 | 8 | 23 | 118 |
| Proteobacteria;Deltaproteobacteria;Bdellovibrionales;Bacteriovoraceae;Peredibacter;NA | 45 | 3 | 7 | 55 | 34 | 29 | 16 | 79 | 1 | 2 | 3 | 6 | 280 |
| Proteobacteria;Deltaproteobacteria;Bdellovibrionales;Bdellovibrionaceae;Bdellovibrio;NA | 87 | 2 | 6 | 95 | 49 | 3 | 11 | 63 | 1 | 4 | 7 | 12 | 340 |
| Proteobacteria;Deltaproteobacteria;Bdellovibrionales;Bdellovibrionaceae;Bdellovibrio;bacteriovorus | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 6 |
| Proteobacteria;Deltaproteobacteria;Desulfarculales;Desulfarculaceae;Desulfarculus;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 |
| Proteobacteria;Deltaproteobacteria;Desulfobacteriales;Desulfobacteraceae;Desulfatibacillum;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 4 |

| Bacterial taxonomy in alphabetical order | Station ST1 | | | | Station ST3 | | | | Station ST2 | | | | grand total |
|--|-------------|-------------|-------------|-------|-------------|-------------|-------------|-------|-------------|-------------|-------------|-------|-------------|
| | Autumn 2007 | Spring 2008 | Summer 2008 | total | Autumn 2007 | Spring 2008 | Summer 2008 | total | Autumn 2007 | Spring 2008 | Summer 2008 | total | |
| Proteobacteria;Deltaproteobacteria;Desulfobacterales;Desulfobacteraceae;Desulfobacter;NA | 0 | 0 | 11 | 11 | 8 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 38 |
| Proteobacteria;Deltaproteobacteria;Desulfobacterales;Desulfobacteraceae;Desulfobacterium;NA | 1 | 0 | 3 | 4 | 1 | 3 | 0 | 4 | 26 | 2 | 9 | 37 | 90 |
| Proteobacteria;Deltaproteobacteria;Desulfobacterales;Desulfobacteraceae;Desulfobacterium;anilini | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 6 |
| Proteobacteria;Deltaproteobacteria;Desulfobacterales;Desulfobacteraceae;Desulfobacula;NA | 3 | 2 | 17 | 22 | 5 | 1 | 0 | 6 | 59 | 12 | 23 | 94 | 244 |
| Proteobacteria;Deltaproteobacteria;Desulfobacterales;Desulfobacteraceae;Desulfobacula;toluolica | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 2 | 4 | 12 | 24 |
| Proteobacteria;Deltaproteobacteria;Desulfobacterales;Desulfobacteraceae;Desulfofaba;NA | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 6 |
| Proteobacteria;Deltaproteobacteria;Desulfobacterales;Desulfobacteraceae;Desulfofrigus;NA | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 4 |
| Proteobacteria;Deltaproteobacteria;Desulfobacterales;Desulfobacteraceae;Desulfonema;NA | 1 | 0 | 12 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 |
| Proteobacteria;Deltaproteobacteria;Desulfobacterales;Desulfobacteraceae;Desulfonema;limicola | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 8 |
| Proteobacteria;Deltaproteobacteria;Desulfobacterales;Desulfobacteraceae;Desulfosarcina;NA | 4 | 0 | 2 | 6 | 0 | 19 | 2 | 21 | 123 | 27 | 47 | 197 | 448 |
| Proteobacteria;Deltaproteobacteria;Desulfobacterales;Desulfobacteraceae;Desulfospira;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 1 | 2 | 9 | 18 |
| Proteobacteria;Deltaproteobacteria;Desulfobacterales;Desulfobacteraceae;Desulfotignum;NA | 4 | 0 | 16 | 20 | 1 | 2 | 0 | 3 | 8 | 2 | 2 | 12 | 70 |
| Proteobacteria;Deltaproteobacteria;Desulfobacterales;Desulfobacteraceae;NA;NA | 47 | 1 | 49 | 97 | 13 | 10 | 2 | 25 | 220 | 44 | 84 | 348 | 940 |
| Proteobacteria;Deltaproteobacteria;Desulfobacterales;Desulfobulbaceae;Desulfobulbus;NA | 13 | 0 | 0 | 13 | 39 | 0 | 0 | 39 | 30 | 0 | 3 | 33 | 170 |
| Proteobacteria;Deltaproteobacteria;Desulfobacterales;Desulfobulbaceae;Desulfocapsa;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 1 | 4 | 8 |
| Proteobacteria;Deltaproteobacteria;Desulfobacterales;Desulfobulbaceae;Desulfofustis;NA | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 4 |
| Proteobacteria;Deltaproteobacteria;Desulfobacterales;Desulfobulbaceae;Desulfopila;aestuarii | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 |
| Proteobacteria;Deltaproteobacteria;Desulfobacterales;Desulfobulbaceae;Desulforhopalus;NA | 2 | 0 | 5 | 7 | 74 | 39 | 2 | 115 | 276 | 75 | 137 | 488 | 1220 |
| Proteobacteria;Deltaproteobacteria;Desulfobacterales;Desulfobulbaceae;Desulforhopalus;singaporensis | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 4 |
| Proteobacteria;Deltaproteobacteria;Desulfobacterales;Desulfobulbaceae;Desulfotalea;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 4 |
| Proteobacteria;Deltaproteobacteria;Desulfobacterales;Desulfobulbaceae;Desulfotalea;arctica | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Proteobacteria;Deltaproteobacteria;Desulfobacterales;Desulfobulbaceae;NA;NA | 5 | 0 | 2 | 7 | 8 | 13 | 1 | 22 | 397 | 96 | 184 | 677 | 1412 |
| Proteobacteria;Deltaproteobacteria;Desulfobacterales;NA;NA;NA | 28 | 1 | 23 | 52 | 244 | 33 | 5 | 282 | 17 | 5 | 6 | 28 | 724 |
| Proteobacteria;Deltaproteobacteria;Desulfobacterales;Nitrospinaceae;Nitrospina;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 2 |
| Proteobacteria;Deltaproteobacteria;Desulfovibrionales;Desulfobulbiaceae;Desulfonatratonovibrio;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 2 |
| Proteobacteria;Deltaproteobacteria;Desulfovibrionales;Desulfobulbiaceae;Desulfonauticus;submarinus | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 2 |
| Proteobacteria;Deltaproteobacteria;Desulfovibrionales;Desulfomicrobiaceae;Desulfomicrobium;NA | 29 | 0 | 254 | 283 | 182 | 3 | 1 | 186 | 0 | 0 | 0 | 0 | 938 |
| Proteobacteria;Deltaproteobacteria;Desulfovibrionales;Desulfomicrobiaceae;Desulfomicrobium;apsheerum | 1 | 0 | 9 | 10 | 7 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 34 |
| Proteobacteria;Deltaproteobacteria;Desulfovibrionales;Desulfovibrionaceae;Bilophila;NA | 3 | 0 | 2 | 5 | 7 | 14 | 1 | 22 | 0 | 0 | 0 | 0 | 54 |
| Proteobacteria;Deltaproteobacteria;Desulfovibrionales;Desulfovibrionaceae;Desulfovibrio;NA | 2 | 0 | 9 | 11 | 19 | 5 | 0 | 24 | 9 | 16 | 15 | 40 | 150 |
| Proteobacteria;Deltaproteobacteria;Desulfovibrionales;Desulfovibrionaceae;Desulfovibrio;longus | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| Proteobacteria;Deltaproteobacteria;Desulfovibrionales;NA;NA;NA | 0 | 0 | 3 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 3 | 4 | 14 |
| Proteobacteria;Deltaproteobacteria;Desulfuromonadales;Desulfuromonadaceae;Desulfuromonas;NA | 6 | 1 | 2 | 9 | 16 | 34 | 4 | 54 | 25 | 5 | 2 | 32 | 190 |
| Proteobacteria;Deltaproteobacteria;Desulfuromonadales;Desulfuromonadaceae;Desulfuromonas;palmitatis | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 4 |
| Proteobacteria;Deltaproteobacteria;Desulfuromonadales;Desulfuromonadaceae;Desulfuromusa;NA | 1 | 1 | 0 | 2 | 8 | 30 | 0 | 38 | 17 | 3 | 4 | 24 | 128 |
| Proteobacteria;Deltaproteobacteria;Desulfuromonadales;Desulfuromonadaceae;Malonomonas;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 |
| Proteobacteria;Deltaproteobacteria;Desulfuromonadales;Desulfuromonadaceae;Malonomonas;rubra | 0 | 0 | 23 | 23 | 0 | 0 | 0 | 0 | 10 | 9 | 10 | 29 | 104 |
| Proteobacteria;Deltaproteobacteria;Desulfuromonadales;Desulfuromonadaceae;NA;NA | 1 | 1 | 0 | 2 | 3 | 24 | 5 | 32 | 47 | 21 | 30 | 98 | 264 |

| Bacterial taxonomy in alphabetical order | Station ST1 | | | | Station ST3 | | | | Station ST2 | | | | grand total |
|--|-------------|-------------|-------------|-------|-------------|-------------|-------------|-------|-------------|-------------|-------------|-------|-------------|
| | Autumn 2007 | Spring 2008 | Summer 2008 | total | Autumn 2007 | Spring 2008 | Summer 2008 | total | Autumn 2007 | Spring 2008 | Summer 2008 | total | |
| Proteobacteria;Epsilonproteobacteria;NA;NA;NA;NA | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 4 |
| Proteobacteria;Epsilonproteobacteria;Nautiliales;Nautiliaceae;Nautilia;NA | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 4 |
| Proteobacteria;Epsilonproteobacteria;Nautiliales;Nautiliaceae;Nitratiruptor;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 2 |
| Proteobacteria;Gammaproteobacteria;Acidithiobacillales;Acidithiobacillaceae;Acidithiobacillus;NA | 4 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| Proteobacteria;Gammaproteobacteria;Aeromonadales;Aeromonadaceae;Aeromonas;NA | 44 | 2 | 4 | 50 | 48 | 0 | 17 | 65 | 0 | 0 | 0 | 0 | 230 |
| Proteobacteria;Gammaproteobacteria;Aeromonadales;Aeromonadaceae;NA;NA | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Proteobacteria;Gammaproteobacteria;Aeromonadales;Aeromonadaceae;Oceanisphaera;donghaensis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 2 |
| Proteobacteria;Gammaproteobacteria;Aeromonadales;Aeromonadaceae;Zobellella;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 2 |
| Proteobacteria;Gammaproteobacteria;Aeromonadales;Succinivibrionaceae;Ruminobacter;amylophilus | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 2 |
| Proteobacteria;Gammaproteobacteria;Alteromonadales;Alteromonadaceae;Aestuariibacter;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 |
| Proteobacteria;Gammaproteobacteria;Alteromonadales;Alteromonadaceae;Alisewanella;NA | 0 | 4 | 1 | 5 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 12 |
| Proteobacteria;Gammaproteobacteria;Alteromonadales;Alteromonadaceae;Alteromonas;NA | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 4 | 3 | 9 | 4 | 16 | 40 |
| Proteobacteria;Gammaproteobacteria;Alteromonadales;Alteromonadaceae;Glaciecola;NA | 0 | 1 | 9 | 10 | 66 | 5 | 0 | 71 | 3 | 45 | 4 | 52 | 266 |
| Proteobacteria;Gammaproteobacteria;Alteromonadales;Alteromonadaceae;Glaciecola;nitratireducens | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 9 | 79 | 1 | 89 | 182 |
| Proteobacteria;Gammaproteobacteria;Alteromonadales;Alteromonadaceae;Glaciecola;polaris | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 2 |
| Proteobacteria;Gammaproteobacteria;Alteromonadales;Alteromonadaceae;Marinobacter;NA | 1 | 0 | 36 | 37 | 5 | 6 | 4 | 15 | 2 | 4 | 1 | 7 | 118 |
| Proteobacteria;Gammaproteobacteria;Alteromonadales;Alteromonadaceae;Microbulbifer;NA | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 3 | 1 | 1 | 4 | 6 | 18 |
| Proteobacteria;Gammaproteobacteria;Alteromonadales;Alteromonadaceae;NA;NA | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 4 |
| Proteobacteria;Gammaproteobacteria;Alteromonadales;Alteromonadaceae;Saccharophagus;NA | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 9 | 4 | 13 | 26 | 54 |
| Proteobacteria;Gammaproteobacteria;Alteromonadales;Alteromonadaceae;Salinimonas;chungwhensis | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 4 |
| Proteobacteria;Gammaproteobacteria;Alteromonadales;Colwelliaceae;NA;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 6 | 12 |
| Proteobacteria;Gammaproteobacteria;Alteromonadales;Colwelliaceae;Thalassomonas;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 2 |
| Proteobacteria;Gammaproteobacteria;Alteromonadales;Idiomarinaceae;Idiomarina;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 3 | 8 | 16 |
| Proteobacteria;Gammaproteobacteria;Alteromonadales;Idiomarinaceae;NA;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 |
| Proteobacteria;Gammaproteobacteria;Alteromonadales;Moritellaceae;Moritella;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 10 | 1 | 12 | 24 |
| Proteobacteria;Gammaproteobacteria;Alteromonadales;NA;NA;NA | 1 | 2 | 18 | 21 | 11 | 8 | 0 | 19 | 1 | 5 | 1 | 7 | 94 |
| Proteobacteria;Gammaproteobacteria;Alteromonadales;Pseudoalteromonadaceae;Algicola;NA | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 10 |
| Proteobacteria;Gammaproteobacteria;Alteromonadales;Pseudoalteromonadaceae;Pseudoalteromonas;NA | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 23 | 0 | 23 | 48 |
| Proteobacteria;Gammaproteobacteria;Alteromonadales;Psychromonadaceae;Psychromonas;NA | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 3 | 6 | 8 | 4 | 18 | 42 |
| Proteobacteria;Gammaproteobacteria;Alteromonadales;Shewanellaceae;Shewanella;NA | 2 | 119 | 6 | 127 | 1 | 0 | 0 | 1 | 0 | 9 | 0 | 9 | 274 |
| Proteobacteria;Gammaproteobacteria;Alteromonadales;Unassigned;Teredinibacter;NA | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 2 | 2 | 14 |
| Proteobacteria;Gammaproteobacteria;Alteromonadales;Unassigned;Teredinibacter;turnerae | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 5 | 6 | 12 |
| Proteobacteria;Gammaproteobacteria;Cardiobacteriales;Cardiobacteriaceae;NA;NA | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 0 | 0 | 2 | 6 |
| Proteobacteria;Gammaproteobacteria;Chromatiales;Chromatiaceae;Allochromatium;NA | 30 | 0 | 85 | 115 | 41 | 2 | 3 | 46 | 0 | 0 | 0 | 0 | 322 |
| Proteobacteria;Gammaproteobacteria;Chromatiales;Chromatiaceae;Chromatium;okenii | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 2 |
| Proteobacteria;Gammaproteobacteria;Chromatiales;Chromatiaceae;Halochromatium;NA | 0 | 0 | 29 | 29 | 0 | 0 | 0 | 0 | 2 | 0 | 6 | 8 | 74 |
| Proteobacteria;Gammaproteobacteria;Chromatiales;Chromatiaceae;Marichromatium;NA | 3 | 0 | 2 | 5 | 4 | 0 | 0 | 4 | 10 | 3 | 21 | 34 | 86 |
| Proteobacteria;Gammaproteobacteria;Chromatiales;Chromatiaceae;NA;NA | 39 | 0 | 219 | 258 | 19 | 7 | 2 | 28 | 12 | 21 | 38 | 71 | 714 |

| Bacterial taxonomy in alphabetical order | Station ST1 | | | | Station ST3 | | | | Station ST2 | | | | grand total |
|--|-------------|-------------|-------------|-------|-------------|-------------|-------------|-------|-------------|-------------|-------------|-------|-------------|
| | Autumn 2007 | Spring 2008 | Summer 2008 | total | Autumn 2007 | Spring 2008 | Summer 2008 | total | Autumn 2007 | Spring 2008 | Summer 2008 | total | |
| Proteobacteria;Gammaproteobacteria;Vibrionales;Vibrionaceae;Vibrio;NA | 0 | 0 | 62 | 62 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 4 | 132 |
| Proteobacteria;Gammaproteobacteria;Vibrionales;Vibrionaceae;Vibrio;vulnificus | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 10 |
| Proteobacteria;Gammaproteobacteria;Xanthomonadales;Sinobacteraceae;Hydrocarboniphaga;NA | 16 | 2 | 22 | 40 | 239 | 11 | 5 | 255 | 0 | 0 | 1 | 1 | 592 |
| Proteobacteria;Gammaproteobacteria;Xanthomonadales;Sinobacteraceae;NA;NA | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 2 |
| Proteobacteria;Gammaproteobacteria;Xanthomonadales;Xanthomonadaceae;Aquimonas;NA | 23 | 0 | 16 | 39 | 12 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 102 |
| Proteobacteria;Gammaproteobacteria;Xanthomonadales;Xanthomonadaceae;Dokdonella;NA | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Proteobacteria;Gammaproteobacteria;Xanthomonadales;Xanthomonadaceae;Lysobacter;NA | 4 | 0 | 6 | 10 | 4 | 0 | 40 | 44 | 0 | 0 | 0 | 0 | 108 |
| Proteobacteria;Gammaproteobacteria;Xanthomonadales;Xanthomonadaceae;NA;NA | 199 | 36 | 43 | 278 | 164 | 24 | 158 | 346 | 1 | 0 | 2 | 3 | 1254 |
| Proteobacteria;Gammaproteobacteria;Xanthomonadales;Xanthomonadaceae;Pseudoxanthomonas;NA | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Proteobacteria;Gammaproteobacteria;Xanthomonadales;Xanthomonadaceae;Silanimonas;NA | 1 | 0 | 0 | 1 | 2 | 1 | 1 | 4 | 0 | 0 | 0 | 0 | 10 |
| Proteobacteria;Gammaproteobacteria;Xanthomonadales;Xanthomonadaceae;Thermomonas;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 |
| Proteobacteria;Gammaproteobacteria;Xanthomonadales;Xanthomonadaceae;Xanthomonas;campestris | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Proteobacteria;NA;NA;NA;NA;NA | 167 | 9 | 121 | 297 | 242 | 271 | 53 | 566 | 286 | 174 | 301 | 761 | 3248 |
| Spirochaetes;NA;NA;NA;NA;NA | 3 | 0 | 6 | 9 | 1 | 1 | 0 | 2 | 19 | 1 | 2 | 22 | 66 |
| Spirochaetes;Spirochaetes;Spirochaetales;Leptospiraceae;Leptonema;NA | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 2 | 2 | 8 |
| Spirochaetes;Spirochaetes;Spirochaetales;Leptospiraceae;Leptospira;NA | 0 | 1 | 1 | 2 | 6 | 51 | 1 | 58 | 0 | 0 | 0 | 0 | 120 |
| Spirochaetes;Spirochaetes;Spirochaetales;Leptospiraceae;NA;NA | 1 | 0 | 0 | 1 | 6 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 14 |
| Spirochaetes;Spirochaetes;Spirochaetales;NA;NA;NA | 0 | 0 | 1 | 1 | 6 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 14 |
| Spirochaetes;Spirochaetes;Spirochaetales;Spirochaetaceae;NA;NA | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Spirochaetes;Spirochaetes;Spirochaetales;Spirochaetaceae;Spirochaeta;NA | 8 | 0 | 33 | 41 | 21 | 3 | 1 | 25 | 30 | 3 | 9 | 42 | 216 |
| Spirochaetes;Spirochaetes;Spirochaetales;Spirochaetaceae;Spirochaeta;halophila | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 2 | 6 |
| TG1;Elusimicrobia;Elusimicrobiales;NA;NA;NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 |
| TG1;Elusimicrobia;NA;NA;NA;NA | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| TM6;NA;NA;NA;NA;NA | 5 | 0 | 2 | 7 | 5 | 6 | 2 | 13 | 9 | 2 | 3 | 14 | 68 |
| TM7;NA;NA;NA;NA;NA | 80 | 6 | 15 | 101 | 44 | 56 | 10 | 110 | 47 | 12 | 19 | 78 | 578 |
| Tenericutes;Mollicutes;Acholeplasmatales;Acholeplasmataceae;Acholeplasma;NA | 12 | 3 | 33 | 48 | 6 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 108 |
| Tenericutes;Mollicutes;Anaeroplasmatales;Anaeroplasmataceae;Anaeroplasma;NA | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Tenericutes;Mollicutes;Mycoplasmatales;Mycoplasmataceae;Mycoplasma;feliminutum | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Tenericutes;NA;NA;NA;NA;NA | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 3 | 0 | 1 | 0 | 1 | 8 |
| Thermomicrobia;NA;NA;NA;NA;NA | 31 | 2 | 9 | 42 | 31 | 18 | 4 | 53 | 32 | 6 | 29 | 67 | 324 |
| Thermomicrobia;Thermomicrobia;NA;NA;NA;NA | 10 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 |
| Verrucomicrobia;NA;NA;NA;NA;NA | 9 | 1 | 0 | 10 | 8 | 1 | 0 | 9 | 0 | 0 | 0 | 0 | 38 |
| Verrucomicrobia;Opitutae;NA;NA;NA;NA | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 |
| Verrucomicrobia;Opitutae;Opitutales;Opitutaceae;Alterococcus;agarolyticus | 2 | 0 | 0 | 2 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 6 |
| Verrucomicrobia;Opitutae;Opitutales;Opitutaceae;NA;NA | 0 | 0 | 1 | 1 | 9 | 20 | 0 | 29 | 4 | 2 | 4 | 10 | 80 |
| Verrucomicrobia;Opitutae;Opitutales;Opitutaceae;Opitutus;NA | 36 | 9 | 46 | 91 | 310 | 257 | 15 | 582 | 42 | 54 | 73 | 169 | 1684 |
| Verrucomicrobia;Opitutae;Puniceococcales;Puniceococcaceae;Pelagicoccus;croceus | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 2 |
| Verrucomicrobia;Spartobacteria;Chthoniobacteriales;Xiphinematobacteriaceae;NA;NA | 50 | 1 | 36 | 87 | 101 | 10 | 18 | 129 | 3 | 0 | 2 | 5 | 442 |

