Bar Chart indicating ASV Abundance at Obsidian Butte 10000 **7500 Abundance 5000** 2500 0 2018-03-22 Sample **Actinomycetales Chromatiales** Gammaproteobacteria_incertae_sedis **Punice Nitrincola** Nocardioidaceae Agrococcus Coraliomargarita **Gplla** Rhodo **Gracilimonas Alcaligenaceae** Cryobacterium Oceaniserpentilla Rhodo Cryomorphaceae Hahella Oceanospirillaceae Rhodo Algoriphagus Rhodo Alphaproteobacteria Cryptomycotina_XX_sp. Halioglobus **Oceanos** pirillales Halobacteriovorax **Alteromonas** Cyclidium_marinum Oceanospirillum Roseib Apocyclops_royi Arenibacter Cyclobacterium Halomonhystera_disjuncta Oligoflexus Roseiv Cyclotella_choctawhatcheeana Hymenomonadaceae Oncholaimidae_sp. Roseov Cyclotella_meneghiniana Hyunsoonleella Oocystaceae_sp. Ruegei Aureibacter Oocystaceae_X_sp. Bacillariophyceae_XXXX_sp. Cylindrotheca_closterium **Ilumatobacter** Sapros Cymbellaceae Legionella Owenweeksia **Sigara Bacteria** Cýmbellaceae_X_sp. **Sphing** Levanderina fissa Oxyrrhis_marina **Bacteroidales** ax Cytophagales Phaeocystidibacter Stepha **Bacteroidetes** Lewinella Subdiv Blastopirellula Lishizhenia Phaeodactylibacter Desulfobulbaceae Brumimicrobium Dixoniella_grisea **Phycisphaera** Sunxiu Loktanella **Erythrobacter** Luteolibacter Candidatus_Pelagibacter Planctomycetaceae **Tetrase** Capitella_capitata **Euplotes_rariseta Marinomonas Thalas Planctomycetes** Fabrea_salina **Truepe** Celeribacter Marivirga Polaribacter Chlorellaceae_X_sp. Propionibacteriaceae Verruc **Flavobacteriaceae** Marivita Chlorodendraceae_X_sp. **Flavobacteriales** Microbacteriaceae **Vibrio** Proteobacteria

Mollicutes

Nitriliruptor

Nannochloris_sp.

Pseudoalteromonas

Pseudoruegeria

Pseudobacteriovorax

Wobbli

Zhongs

Chloroflexi

Chromatiaceae

Chromadorita_leuckarti

Fluviicola

Fluviimonas

Gammaproteobacteria