Thresholds distributions by variable Conductivity Dissolved oxygen **Ammonium** am-16co-16do - 16 -6000 40000 12000 do-14am-14co-14am-12co-12do - 12 -- 35000 - 5000 co - 10 am-10do - 10 -- 10000 do-8am-8co-8-- 30000 am-6co-6do-6-4000 am-4 - 25000 co-4do - 4 -8000 do-2am-2co-2am+1co+1-20000 3000 do+1-6000 am+3co+3do+3am+5 15000 co+5 do+5-- 2000 co+7 do+7 -4000 am+7co+9 am+9do+9-10000 am+11co+11do+11 -- 1000 - 2000 am+13co+13 do+13 -- 5000 am+15 co+15 do+15 -0.8 0.8 0.8 0.0 0.2 0.2 1.0 0.2 0.6 1.0 0.0 0.6 1.0 0.0 0.6 0.4 0.4 0.4 Thresold Thresold Thresold рΗ **Turbidity** Water temperature ph - 16 tu-16wt - 16 -- 2000 tu-14wt - 14 ph - 14 -1000 wt - 12 ph - 12 tu-12-- 1750 8000 ph - 10 tu-10wt - 10 tu-8ph-8wt-8-- 800 - 1500 ph-6tu-6wt-6-Instance Instance wt - 4 ph - 4 tu-4 6000 1250 ph-2tu-2wt - 2 -- 600 wt+1ph+1tu+1-1000 wt+3ph+3 tu+3-4000 ph+5 tu+5 wt+5-400 - 750 tu+7wt+7ph+7 tu+9ph+9wt+9-- 500 - 2000 ph+11tu+11wt+11-- 200 ph+13tu+13wt+13-- 250 ph+15 tu+15 wt+15 -0.8 0.8 1.0 0.2 0.8 0.0 0.2 0.4 0.6 1.0 0.0 0.2 0.4 0.6 0.0 0.4 0.6 1.0 Thresold Thresold Thresold