Thresholds distributions by variable Conductivity Dissolved oxygen **Ammonium** am-16co-16do - 16 -35000 do-14am-14co-14-- 12000 am-12co-12-6000 do - 12 -30000 do - 10 am-10co - 10 -10000 am-8co-8do-8-- 5000 - 25000 co-6am-6do-6am-4 co-4do - 4 -8000 4000 20000 do-2am-2co-2am+1co+1do+1-6000 am+3-- 3000 co+3do+3-- 15000 am+5 co+5 do+5 co+7 do+7 am+7-4000 - 2000 10000 co+9 do+9 am+9am+11co+11do+11-- 2000 - 1000 - 5000 am+13co+13 do+13 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 8000 tu-14wt - 14 ph - 14 -- 800 7000 wt - 12 ph - 12 tu-12-2000 ph - 10 -- 700 tu-10wt - 10 ph-8tu-8wt-8-- 6000 - 600 ph-6tu-6wt-6-Instance stance - 1500 wt - 4 -- 5000 ph - 4 tu-4-- 500 ph-2tu-2wt-2ph+1-4000 wt+1tu+1-400 ph+3 tu+3wt+3 - 1000 ph+5 tu+5 3000 wt+5 - 300 wt+7 tu+7ph+7 -2000 ph+9tu+9wt+9-- 200 - 500 ph+11tu+11wt+11-- 1000 ph+13tu+13wt+13-- 100 ph+15 tu+15 wt+15 -0.8 0.8 0.2 0.8 0.0 0.2 0.4 0.6 1.0 0.0 0.2 0.4 0.6 1.0 0.0 0.4 0.6 1.0 Thresold Thresold Thresold