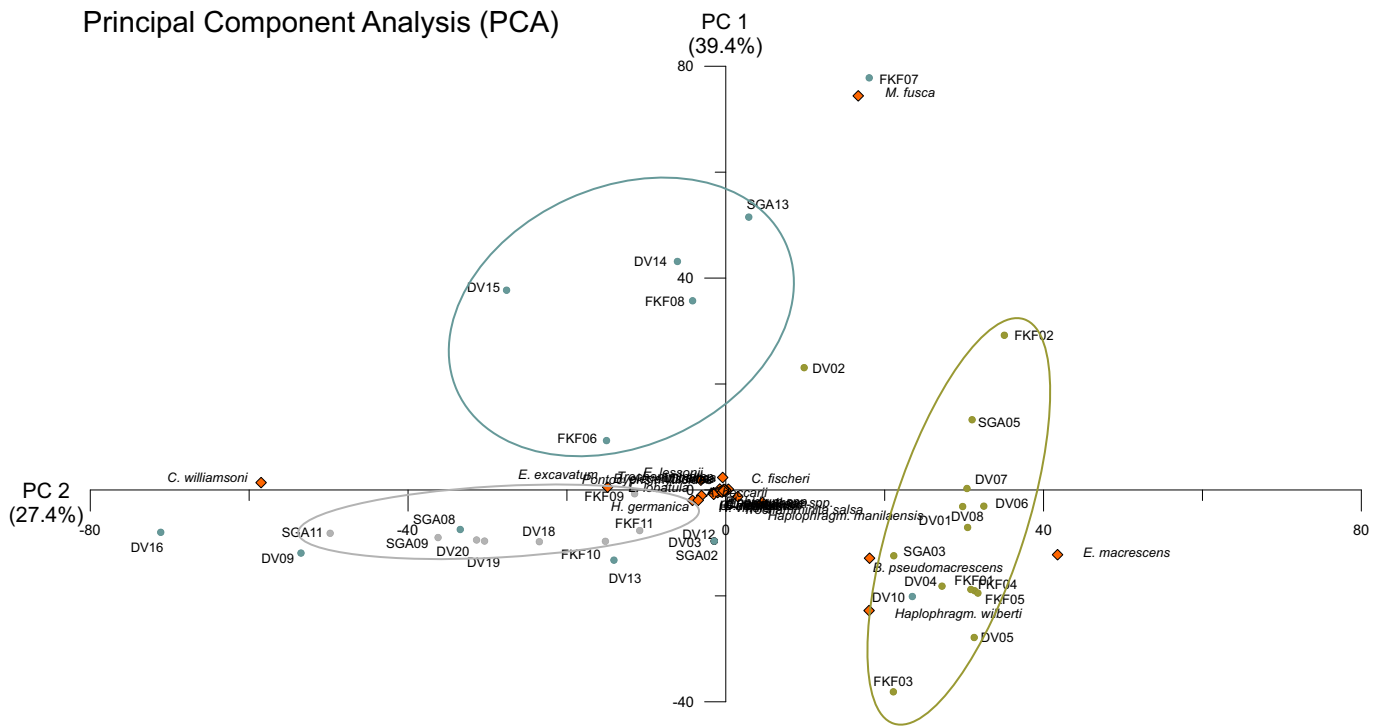


Principal Component Analysis (PCA)



PC 1: salt marsh (+) vs. tidal flat (-)

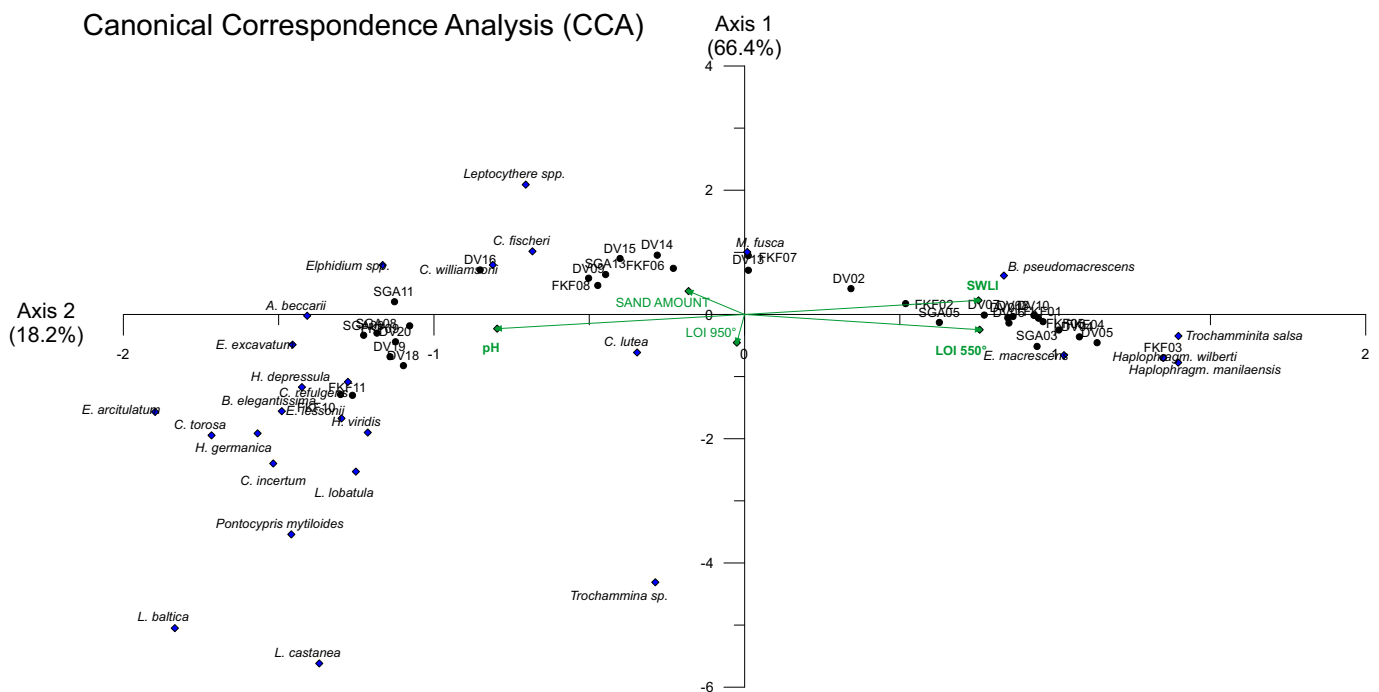
- possibly elevation/duration of water coverage
- other parameters also imaginable (salinity, grain-size, organic content etc.)

PC 2: separation within salt marsh

- Salinity/organic content or other?
- *M. fusca* could manipulate the PCA because of relocation

— Sedimentological & geochemical data need to be included

Canonical Correspondence Analysis (CCA)



SWLI, LOI550 and pH have the highest impact, with similar scores for Axis 1 (main impact factor). However, SWLI is relatively high correlated with pH (-0.59) and LOI550 (0.60) according to Pearson correlation. Therefore, a high impact of the SWLI (elevation/duration of water coverage) can be expected, rendering the dataset suitable for a transfer function.