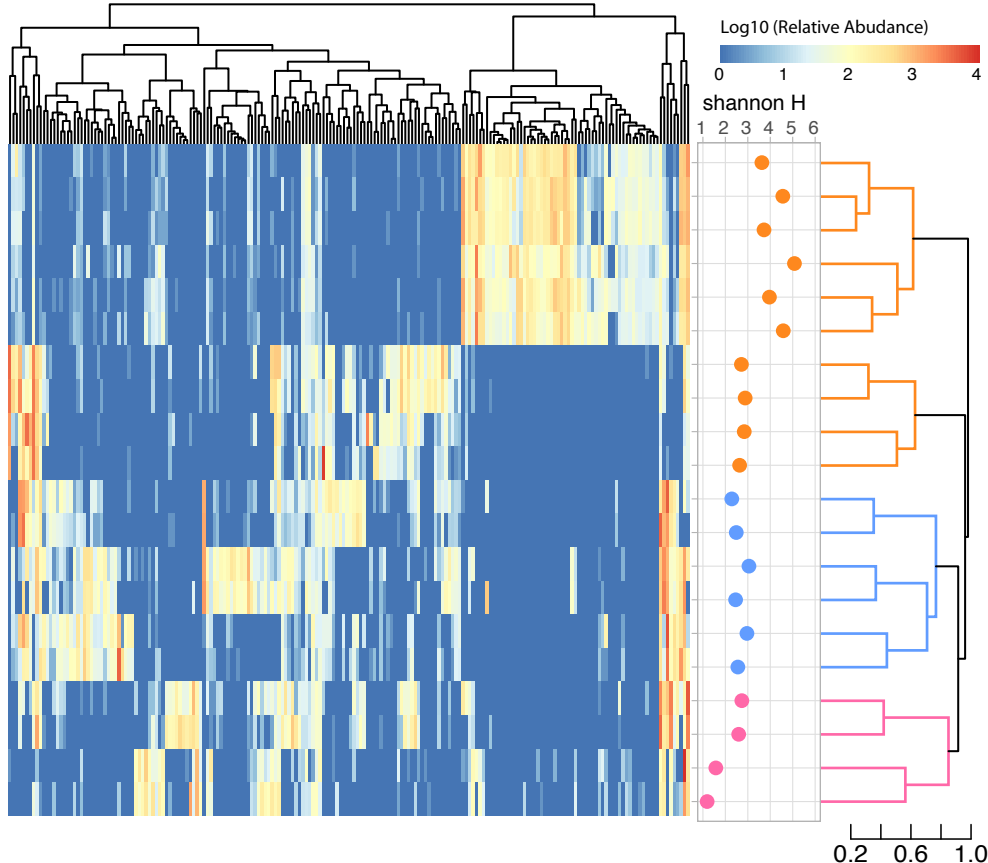
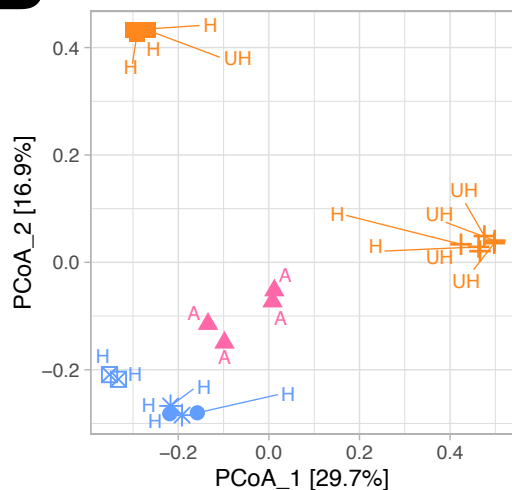


A

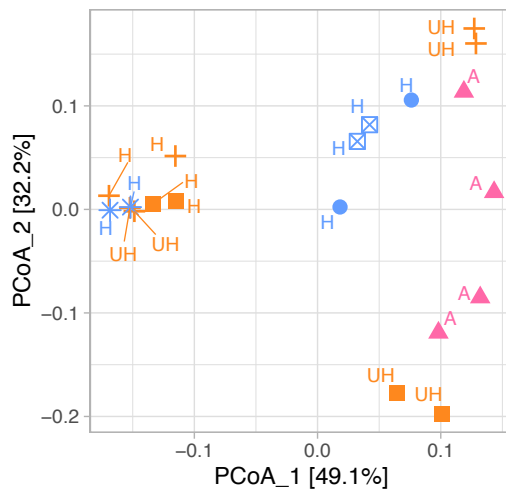
Sooke Reservoir Ind 3 *hatched* 15 Mar
 Sooke Reservoir Ind 1 *unhatched* (a)
 Sooke Reservoir Ind 1 *unhatched* (b)
 Sooke Reservoir Ind 3 *hatched* 5 Mar
 Sooke Reservoir Ind 2 *unhatched* (a)
 Sooke Reservoir Ind 2 *unhatched* (b)
 O'Connor *hatched* (a)
 O'Connor *hatched* (b)
 O'Connor *unhatched* (a)
 O'Connor *unhatched* (b)
 Twitchell Brook *hatched* (a)
 Twitchell Brook *hatched* (b)
 Youngs Pond *hatched* (a)
 Youngs Pond *hatched* (b)
 Androscoggin River *hatched* (a)
 Androscoggin River *hatched* (b)
 Montgomery Canal Ind 2 *adult* (a)
 Montgomery Canal Ind 2 *adult* (b)
 Montgomery Canal Ind 1 *adult* (a)
 Montgomery Canal Ind 1 *adult* (b)

**B**

Microbiome composition



Predicted functions



Canada
 UK
 USA

Site

- O'Connor Lake; Canada
- + Sooke Reservoir; Canada
- ▲ Montgomery Canal; UK
- ⊠ Twitchell Brook; USA
- * Youngs Pond; USA
- Androscoggin River; USA