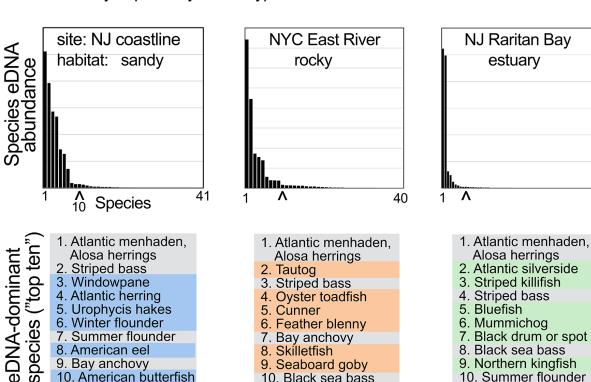
Ranking of top ten fish species by eDNA abundance suffices to define coastal habitats

Methods:

- 1. Collect 1 L water samples from different habitats, analyze for fish eDNA
- 2. Rank species by eDNA abundance
- 3. Compare eDNA "top ten" most abundant species among habitats
- 4. Classify "top ten" by habitat type



10. Black sea bass

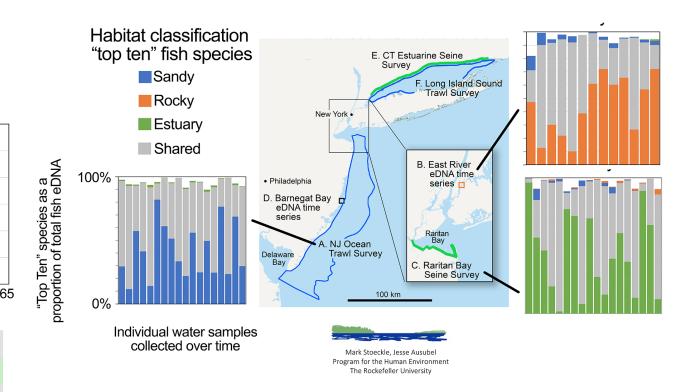
fish species classified by habitat type:

10. American butterfish



10. Summer flounder

Fish species abundant by eDNA differ among habitats



Citation: Stoeckle MY, Ausubel JH, Hinks G, VanMorter SM (2024) A potential tool for marine biogeography: eDNAdominant fish species differ among coastal habitats and by season concordant with gear-based assessments. PLoS ONE 19(11): e0313170. https://doi.org/10.1371/journal. pone.0313170 Received: August 21, 2024; Accepted: October 20, 2024; Published: November 11, 2024