Variation in cross-habitat energy flows to mobile estuarine consumers along a latitudinal gradient

Supplemental material

Supplemental Table 1. Trophic position, the percent contribution [median (lower 95% CI, upper 95% CI)] of the primary production sources to marsh-associated and mobile estuarine consumers for each geographic region sampled.

Site	Species	Trophic position	Epiphytes	POM	Saltmarsh MPB	C4 marsh vegetation
LA	Blue crab	1.87 ± 0.03	0.56 (0.40, 0.75)	0.19 (0.07, 0.30)	0.02 (0.002, 0.06)	0.23 (0.13, 0.32)
	Killifish	2.27 ± 0.03	0.42 (0.27, 0.56)	0.10 (0.02, 0.19)	0.04 (0.001, 0.12)	0.44 (0.36, 0.51)
	Red drum	3.07 ± 0.04	0.49 (0.32, 0.73)	0.40 (0.18, 0.53)	0.006 (0.001, 0.02)	0.11 (0.02, 0.21)
	Spotted seatrout	4.41 ± 0.08	0.45 (0.11, 0.87)	0.3 (0.03, 0.58)	0.01 (0.001, 0.09)	0.22 (0.04, 0.40)
NC	Blue crab	2.8 ± 0.03	0.22 (0.11, 0.37)	0.47 (0.39, 0.54)	0.03 (0.003, 0.11)	0.27 (0.15, 0.39)
	Killifish	2.88 ± 0.03	0.11 (0.03, 0.29)	0.55 (0.46, 0.62)	0.02 (0.001, 0.12)	0.30 (0.14, 0.41)
	Red drum	3.22 ± 0.03	0.24 (0.11, 0.43)	0.38 (0.28, 0.46)	0.03 (0.002, 0.13)	0.34 (0.17, 0.48)
	Flounder	3.57 ± 0.04	0.11 (0.02, 0.36)	0.51 (0.39, 0.60)	0.03 (0.001, 0.19)	0.32 (0.12, 0.44)
	Spotted seatrout	2.98 ± 0.03	0.71 (0.52, 0.90)	0.16 (0.05, 0.30)	0.02 (0.001, 0.11)	0.08 (0.02, 0.23)
NJ	Blue crab	2.48 ± 0.01	0.07 (0.004, 0.29)	0.55 (0.42, 0.62)	0.03 (0.002, 0.12)	0.33 (0.25, 0.40)
	Killifish	1.79 ± 0.004	0.01 (0, 0.02)	0.02 (0.005, 0.04)	0.003 (0, 0.02)	0.97 (0.95, 0.99)
	Striped bass	3.74 ± 0.01	0.04 (0.002, 0.27)	0.67 (0.54, 0.74)	0.02 (0.001, 0.09)	0.24 (0.15, 0.31)
	Flounder	2.97 ± 0.01	0.13 (0.002, 0.40)	0.71 (0.53, 0.83)	0.03 (0.001, 0.20)	0.08 (0.02, 0.17)
MA	Blue crab	1.71 ± 0.05	0.05 (0.003, 0.22)	0.35 (0.15, 0.62)	0.03 (0.002, 0.13)	0.55 (0.27, 0.73)
	Killifish	2.41 ± 0.05	0.02 (0.001, 0.23)	0.68 (0.12, 0.92)	0.01 (0.001, 0.09)	0.26 (0.05, 0.70)
	Striped bass	4.24 ± 0.05	0.04 (0.002, 0.34)	0.51 (0.10, 0.76)	0.02 (0.001, 0.16)	0.36 (0.14, 0.73)
	Flounder	2.95 ± 0.06	0.02 (0.001, 0.18)	0.77 (0.21, 0.94)	0.01 (0.001, 0.07)	0.18 (0.04, 0.6)

Supplemental Figure 1. $\delta^{13}C$ and $\delta^{34}S$ biplots for all basal resources and taxa sampled across four sampling sites: Louisiana, North Carolina, New Jersey and Massachusetts. Colored points indicate raw isotope values for consumer taxa. Black dots circles represent mean basal resource isotope values and error bars indicate standard deviations.