

Table 1. Sampled otoliths with corresponding metadata.

Sample ID	Depth (m)	Latitude	Longitude	Weight (g)	Total Length (mm)	Habitat
WFS-136	9.4488	26.000	-81.900	495	306	Natural Bottom
WFS-135	9.4488	26.000	-81.900	600	335	Natural Bottom
WFS-137	9.4488	26.000	-81.900	380	291	Natural Bottom
WFS-014	12.6492	25.854	-81.879	579.7	330	Natural Bottom
WFS-152	13.716	25.850	-81.980	435	301	Natural Bottom
WFS-159	23.0124	25.680	-82.170	657.1	345	Natural Bottom
WFS-141	33.528	26.000	-82.700	800	371	Natural Bottom
WFS-144	33.528	26.000	-82.700	445	314	Natural Bottom
WFS-250	45.72	25.834	-82.943	468.2	315	Natural Bottom
WFS-251	45.72	25.834	-82.943	355	293	Natural Bottom
WFS-249	45.72	25.834	-82.943	464	321	Natural Bottom
WFS-158	48.1584	26.490	-83.200	418.5	300	Natural Bottom
WFS-006	58.5216	25.526	-83.184	95.6	205	Natural Bottom
WFS-026	58.5216	25.526	-83.184	303.5	302	Natural Bottom
WFS-342	69.7992	25.858	-83.635	322.1	286	Natural Bottom
WFS-338	70.104	25.858	-83.635	100.46	202	Natural Bottom
WFS-235	70.104	25.984	-83.608	103.5	207	Natural Bottom
WFS-238	70.104	25.984	-83.608	112.38	219	Natural Bottom
WFS-126	92.964	25.590	-83.710	226	276	Natural Bottom
WFS-130	92.964	25.590	-83.710	192.8	242	Natural Bottom
WFS-129	92.964	25.590	-83.710	214.3	260	Natural Bottom
WFS-134	92.964	25.590	-83.710	118.4	213	Natural Bottom
WFS-133	92.964	25.590	-83.710	127.7	220	Natural Bottom
Keys-17	9.144	24.797	-81.084	NA	214	Sea Grass
Keys-13	9.144	24.797	-81.084	NA	271	Sea Grass
Keys-10	9.144	24.797	-81.084	NA	205	Sea Grass
Keys-5	9.144	24.797	-81.084	NA	212	Sea Grass
Keys-8	9.144	24.797	-81.084	NA	192	Sea Grass
Keys-11	9.144	24.797	-81.084	NA	NA	Sea Grass
Keys-4	24.384	24.593	-81.491	NA	252	Wreck
Keys-19	30.48	24.333	-81.481	NA	300	Wreck
Keys-18	30.48	24.333	-81.481	NA	237	Wreck