

Science, Service, Stewardship

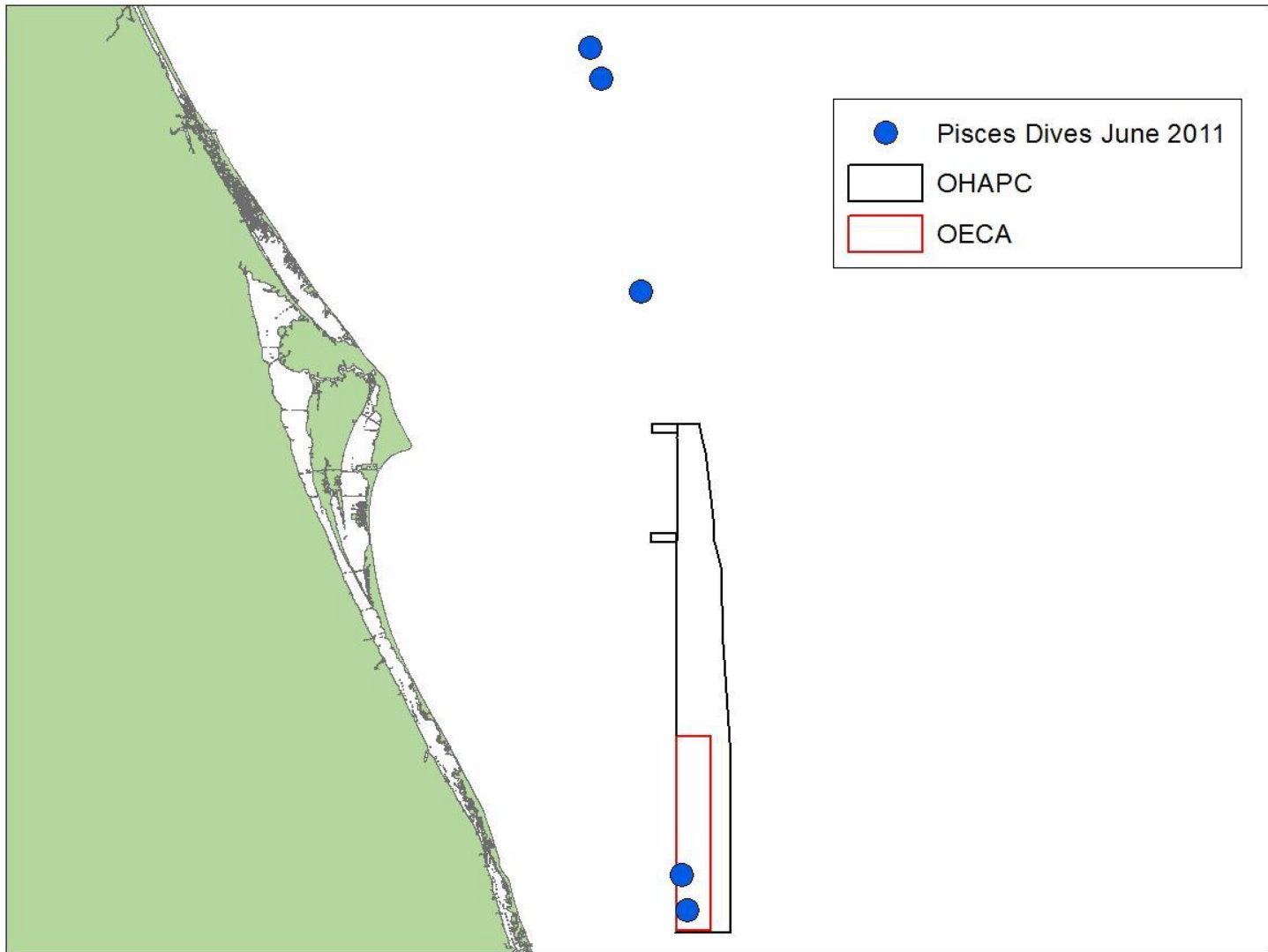


Oculina Update

Stacey Harter, Andrew David, John Reed

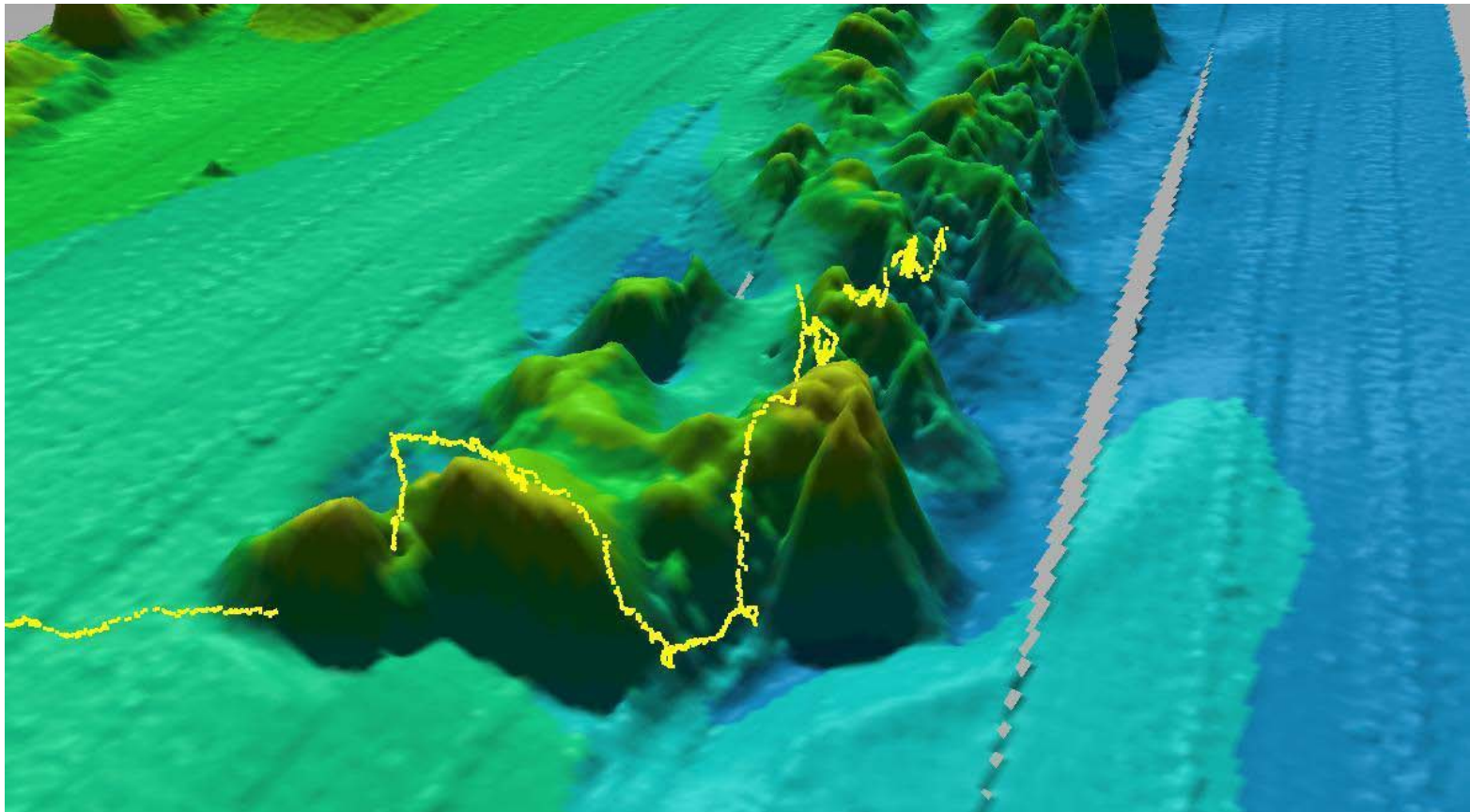
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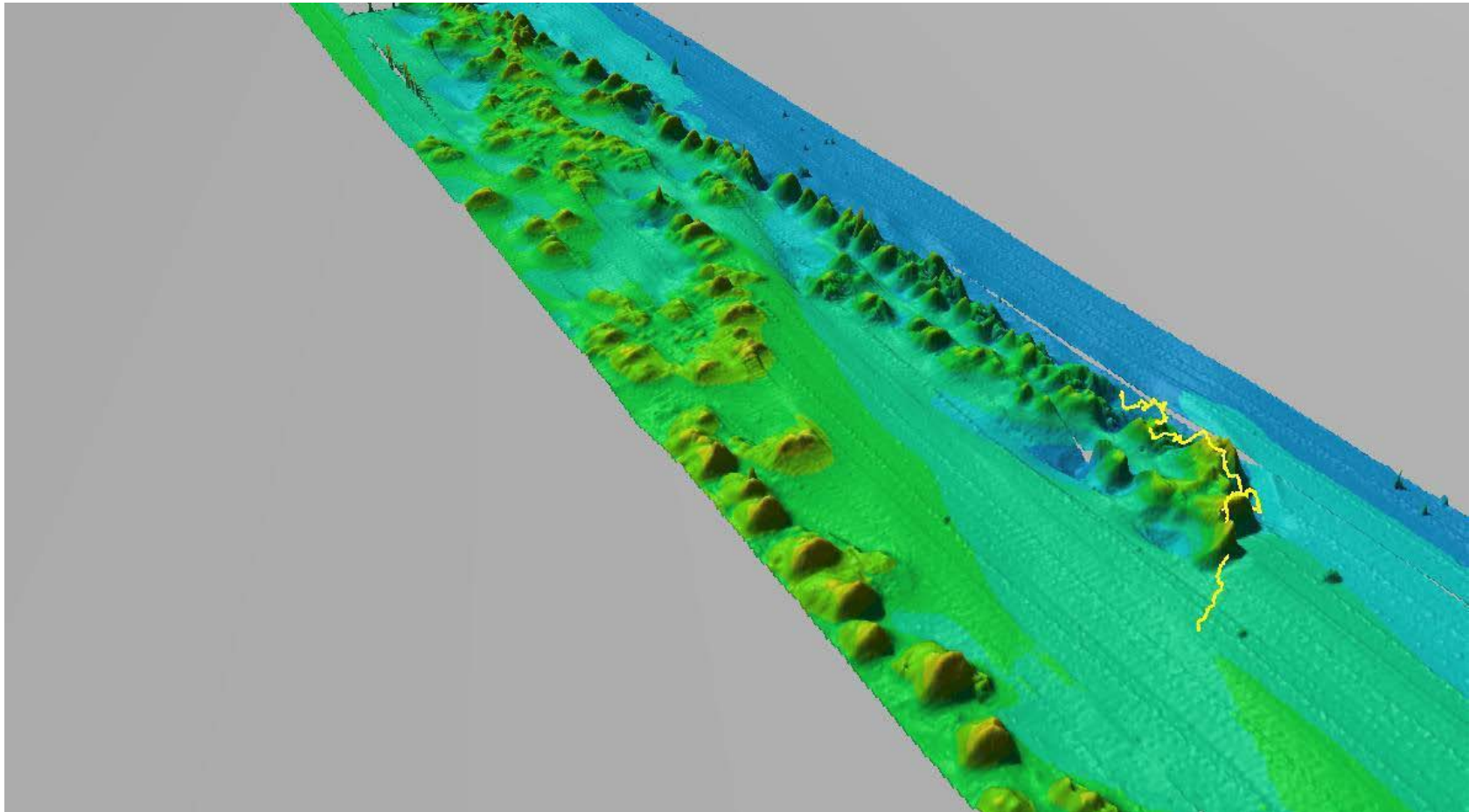


Daytona ROV Dive Track





Daytona Pinnacles





Oculina Density

Dive Site	Live <i>Oculina</i> Density (#/m ²)	Standing Dead <i>Oculina</i> Density (#/m ²)	Est. Total # Live <i>Oculina</i> Colonies
Daytona North	0.09-0.29 (0.14)	0.34-0.89 (0.72)	217.8
Daytona South	0.09-0.47 (0.25)	0.74-2.32 (1.83)	107.0
Titusville	0.04-0.21 (0.14)	0.55-2.65 (0.68)	114.1
Chapman's Reef	7.32-4.23 (6.12)	1.00-1.45 (1.18)	Abundant
Jeff's Reef	4.12-4.19 (4.13)	1.09-1.98 (1.22)	Abundant



Images from sites
north of HAPC



Images from OECA sites





Summary of Fish from Sites North of the HAPC

Common Name	Count	Dive Distance (km)	Density (#/km)
Sea Bass - <i>Centropristis</i> sp.	2851	7.6	374.7
Black Sea Bass	631	7.6	82.9
Anthiids	354	7.6	46.5
Bank Sea Bass	318	7.6	41.8
Amberjack	23	7.6	3.0
Red Porgy	22	7.6	2.9
Scamp	19	7.6	2.5
Snowy Grouper	14	7.6	1.8



Summary of Fish from OECA Sites

Common Name	Count	Dive Distance (km)	Density (#/km)
Anthiids	6420	3.6	1754.6
Sea Bass - <i>Centropristis</i> sp.	124	3.6	33.9
Bank Sea Bass	54	3.6	14.8
Scamp	25	3.6	6.8
Black Sea Bass	23	3.6	6.3
Amberjack	6	3.6	1.6
Tilefish - <i>Caulolatilus</i> sp.	2	3.6	0.5
Snowy Grouper	2	3.6	0.5
Gag Grouper	1	3.6	0.3
Vermilion Snapper	1	3.6	0.3

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