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*Supplement of*

## **Seagrass meadows as a globally significant carbonate reservoir**

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Supporting Information for

**Seagrass meadows as a globally significant carbonate reservoir**

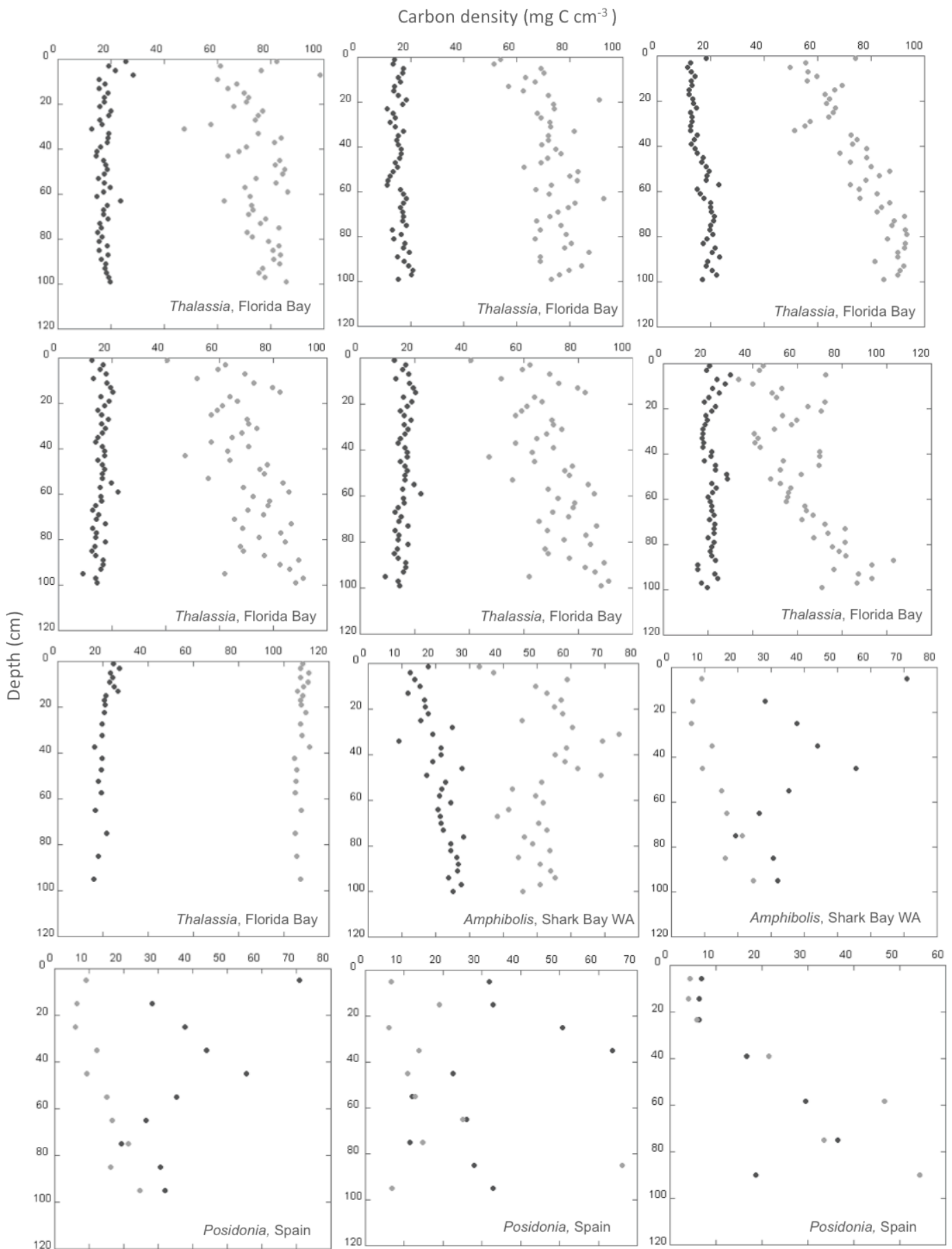
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This document contains Table S1 and Figure S1.

Table S1: Data descriptors of the observed, estimated and total data available on top meter PIC stocks (Mg PIC ha<sup>-1</sup>).

Top meter stocks (Mg PIC ha <sup>-1</sup> )	N	Mean	SE	Median	Max	Min
Observed	35	423.5	52.2	289.0	1189.5	17.9
Estimated	367	676.3	25.8	698.2	1660.0	3.1
Total	402	654.3	24.2	647.7	1660.0	3.1

Figure S1: Carbon concentration ( $\text{mg C cm}^{-3}$ ) (black and grey dots for POC and PIC respectively) along the top meter profile of the longest cores in the database ( $P \geq 100$  cm) that had a minimum of three different data reported over one meter depth ( $n=26$ ). Meadow dominant genera and region are specified in each panel.



Carbon density (mg C cm<sup>-2</sup>)

