

Appendix 1. Plot characteristics and uncorrected carbon storage estimates (representing the average of two replicate cores wherever possible). Missing data indicate results which were highly uncertain (e.g. unable to obtain geographic coordinates, unable to penetrate sediment with coring device, entire core full of driftwood, etc.)

Plot	Aboveground Biomass (kg·Ha⁻¹)	Tree Density (10³ trees·Ha⁻¹)	Maximum Core Length (cm)	Sediment Carbon Storage (kg·m⁻³)	Distance to Estuarine Edge (m)
Nat A 1	126506	15408	83	29.86	70
Nat A 2	91494	816	83		70
Nat A 3	27973	17500	89	38.91	90
Nat A 4	68137	13929	89	40.71	10
Nat A 5	7407	612	89	19.03	10
Nat A 6	37231	20000	83	39.03	30
Nat B 1	191671	10064	89	30.26	50
Nat B 2	88247	10204	71	32.64	260
Nat B 3	385796	928	77	35.53	100
Nat B 4	30204	2908			
Nat B 5	136228	816	89	48.3	40
Nat B 6	165729	612	89	62.86	50
Nat C 1	66118	408	95	43.7	310
Nat C 2	13112	612	77	34.51	110
Nat C 3	56981	2564	89	41.42	140

Nat C 4	44263	408	71	32.49	110
Nat C 5	13000	600			
Nat C 6	127711	80	53	30.82	420
Rest A 1	20478	7500	89	49.47	230
Rest A 2	16115	22500	71	59.94	100
Rest A 3	38491	12500	83	60.8	200
Rest A 4	37321	10000	35	15.21	230
Rest A 5	19423	20000	59	29.14	230
Rest A 6	33161	35000	95	38.57	90
Rest A 7	12452	7500	83	41.0	140
Rest B 1	78615	5204	95	46.25	10
Rest B 2	20000	59932	89	41.74	30
Rest B 3	26394	15000			
Rest B 4	27342	3316	47	33.43	50
Rest B 5	38431	27500	83	56.83	70
Rest B 6	28392	62500			
Aff 1	109189	5816	89	39.58	110
Aff 2	56845	5612	83	49.32	110
Aff 3	21311	3316	89	34.92	110
Aff 4	63847	3316	65	35.26	230
Aff 5	30796	3112	89	55.08	190
Aff 6	277984	7908	89	55.01	150

Appendix 2. Total aboveground biomass is correlated with patch location. All sites follow the equation biomass = -0.139(distance) + 65.5, with a confounding effect of 142.1 for site Nat B.

