

Survey of additional site on Mendall Marsh Platforms *June- July 2011*

Goal: ID MeHg hot spots by
vegetation type

15 Sites, each surveyed 2X
Early June and late July 2011
0-3 cm only
Soil Hg, MeHg
Porewater Hg, MeHg
Limited biogeochemical parameters

Veg Survey 12
Veg Survey 10
Veg Survey 9
Veg Survey 4
Veg Survey 7
Veg Survey 8
Veg Survey 13
Veg Survey 14
Veg Survey 15
Veg Survey 2
Veg Survey 1
Veg Survey 11

Veg Survey 5
Veg Survey 3
Veg Survey 6

Prospect

Mendall East Marsh Platform Summer 2011

5 %
Typha angustifolia

6 %
Schoenoplectus maritimus

Veg Survey 12

Veg Survey 10

Veg Survey 4

9 %
Spartina patens

2 %
panne

Veg Survey 9

Veg Survey 7

3 %
panne

Veg Survey 8

6%
Triglochin maritimum

Veg Survey 13

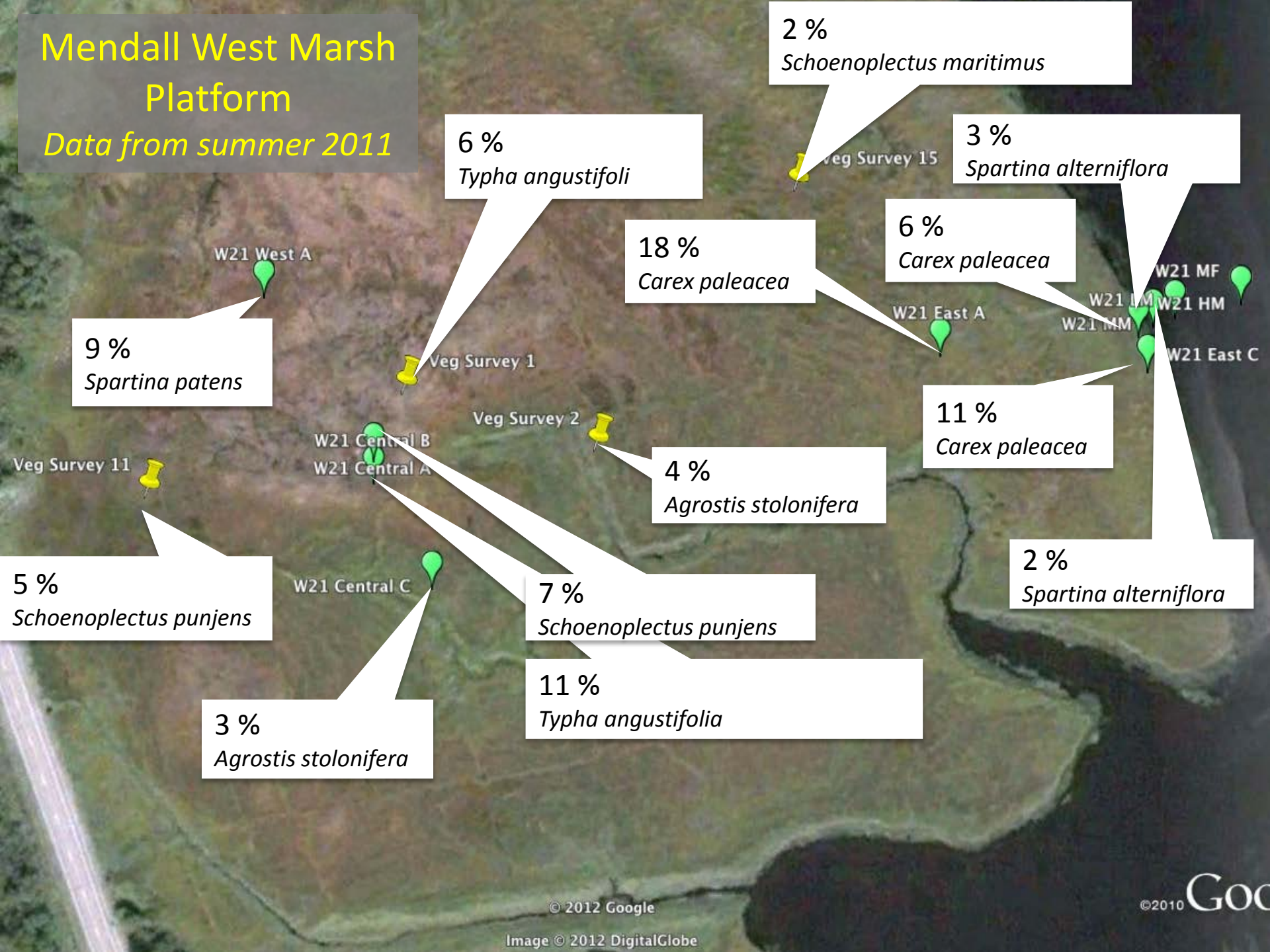
Veg Survey 14

3 %
Schoenoplectus tabernaemontanii

6 %
Schoenoplectus punjens

Mendall West Marsh Platform

Data from summer 2011



Mendall South
Marsh Platform
Data from late July 2011

10 %
Carex paleacea

Veg Survey 3

8 %
Carex paleacea

Veg Survey 6

5 %
Typha angustifolia

Veg Survey 5

Fort Knox Rd

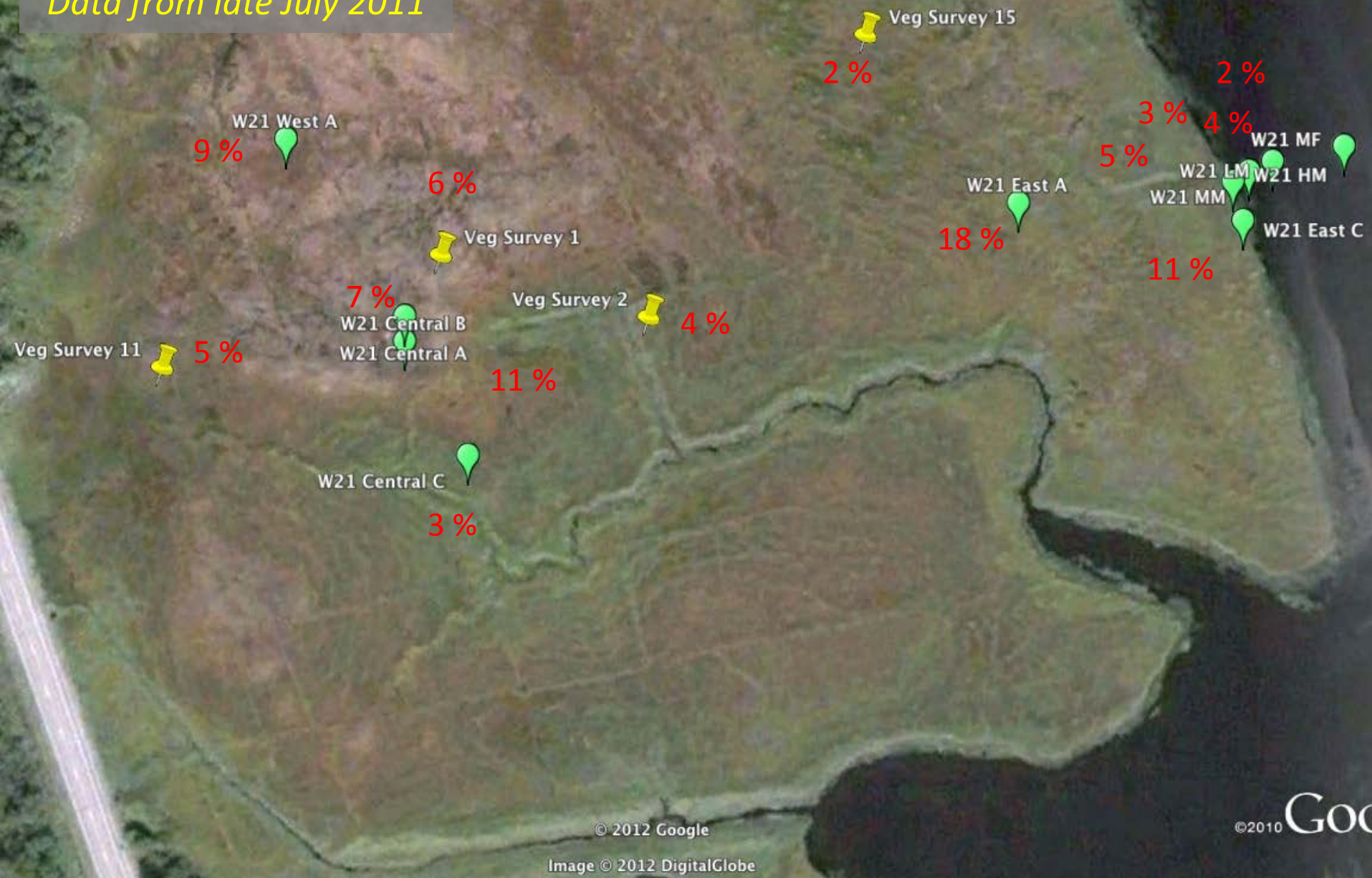
174

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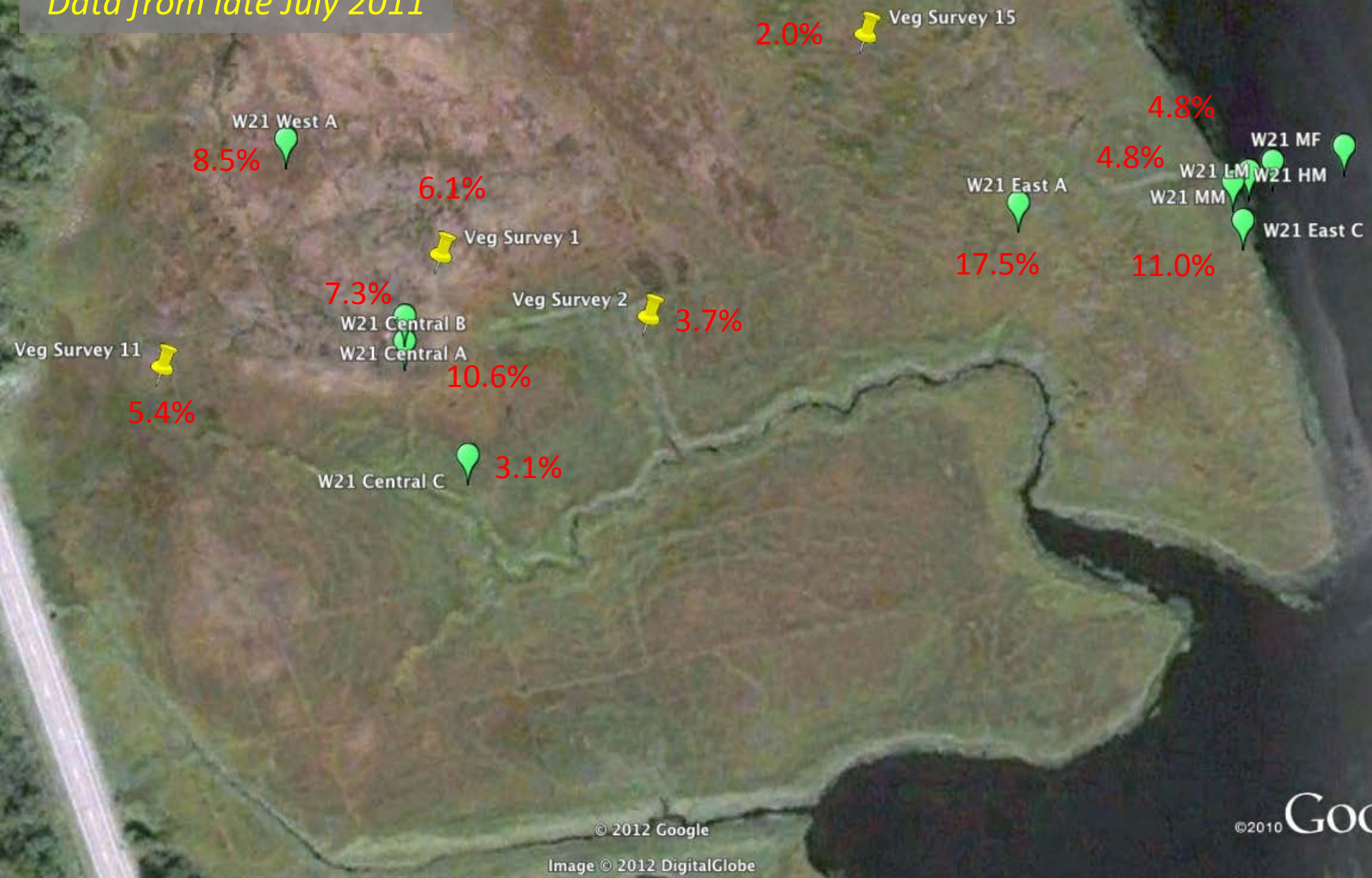
Mendall West Marsh Platform

Data from late July 2011



Mendall West Marsh Platform

Data from late July 2011



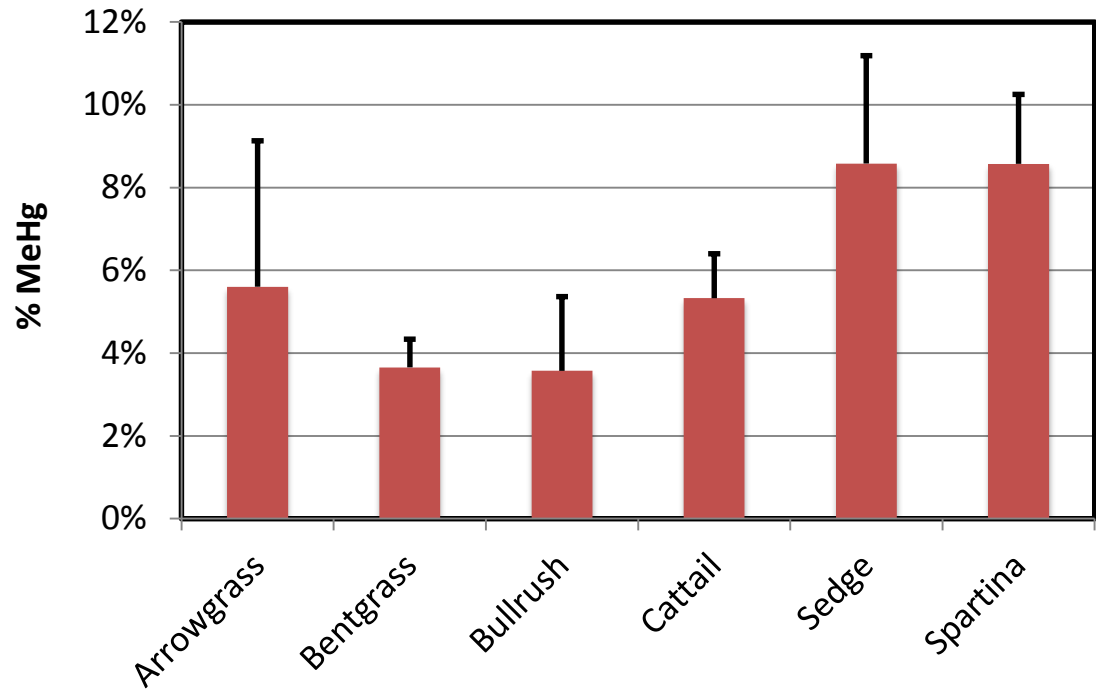
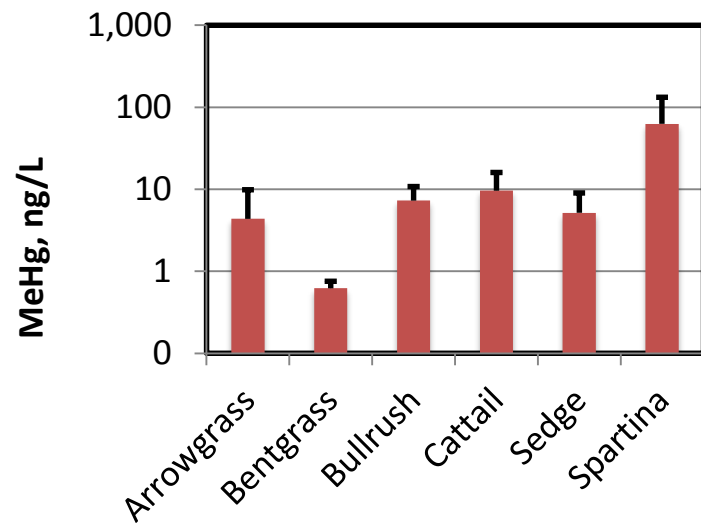
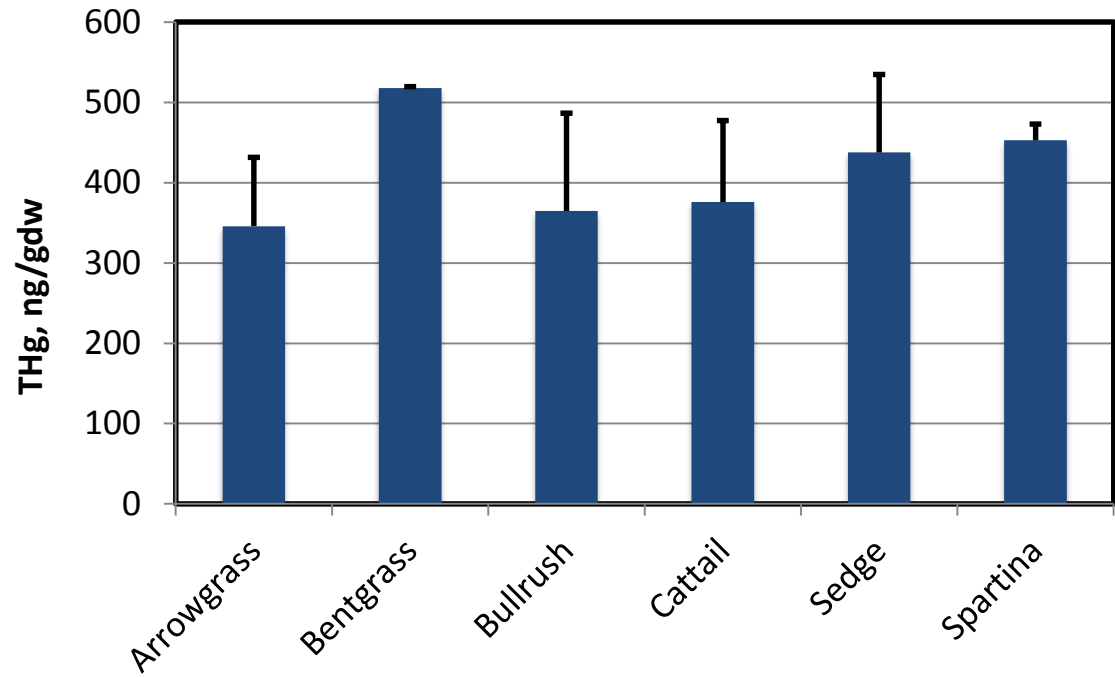
**Mendall South
Marsh Platform**
Data from late July 2011



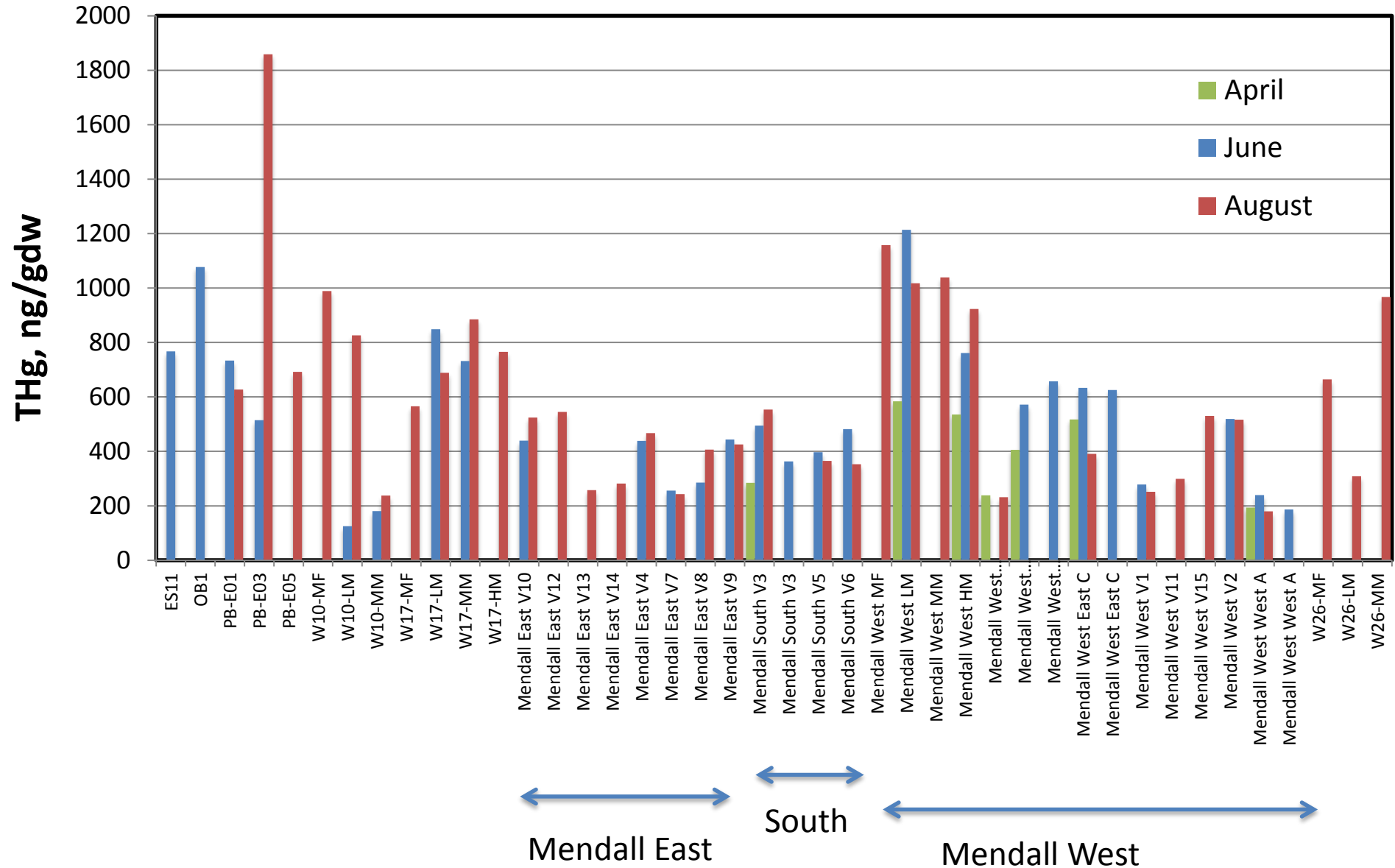
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Mendall Marsh % MeHg by vegetation type (top 0-3 cm)



Overview of THg in Penobscot Soils, top 0-3 cm



Overview of % MeHg in Penobscot Soils, top 0-3 cm

