

**Vermont Natural Heritage Inventory  
Vermont Fish & Wildlife Department  
Element Occurrence Report**

*Deep Bulrush Marsh*

**EO ID** 5702      **EO #** 13

**Global Rank**      GNR

**State Rank**      S4

**ID Confirmed?**      Y

BILLINGS MARSH

County	Town
Rutland	West Haven

Topo Quad	Latitude	Longitude
4307354 4307353	433435N	0732315W

**Directions**

Bald Mountain and the road that runs along East Bay.

**General Description**

The West Haven peninsula has 27 mapped natural community types, with dry oak-hickory-hophornbeam forests dominant on the uplands, and with large marsh and floodplain communities in the lowlands. The marsh is a very large emergent marsh. There are small areas of shrub swamp near the margin. Site is bordered by agricultural land, woods and a small gravel road.

Minimum Elevation (ft)	Maximum Elevation (ft)
100	

Last Survey	Last Observation Date	First Observation Date
2005-11-17	2005-11-17	1990

**EO Data**

2005: This Deep Bulrush Marsh occurs in a wetland mosaic interspersed with Wild Rice Marsh and Cattail Marsh . These natural communities intergrade and are not distinct enough to map separately. Some of the species that occur in this marsh complex include Broad-Leaved Cat-Tail (*Typha latifolia*), Narrow-Leaved Cat-Tail (*Typha angustifolia*), Single-Veined Sweetflag (*Acorus calamus*), Giant Bur-reed (*Sparganium eurycarpum*), Common Arrowhead (*Sagittaria latifolia*), River Bulrush (*Scirpus fluviatilis*), Southern Wild Rice (*Zizania aquatica*), and Common Buttonbush (*Cephalanthus occidentalis*). The invasive exotic Purple Loosestrife (*Lythrum salicaria*) is present in most of the marshes. 1990: The emergent marsh has some open water, large areas of cattail, and large stands of wild rice. The vegetation of the marsh has not been studied in detail.

**EO Rank**    B    **Rank Date**

**General Comments**

2014 Hohn: At least three marsh types are present in a mosaic here, and can not be mapped separately at this time.

Managed Area	EO Contained?
HELEN W. BUCKNER MEMORIAL PRESERVE AT BALD MOUNTAIN	

Reference Code	Citation
PNDTHO01VTUS	Thompson, Elizabeth H.
F90THO71VTUS	Thompson, Elizabeth. 1990. Field Inventory to Billings Marsh of 14 September.
U91THO01VTUS	Thompson, E.H. 1991. Biological Natural Areas of Western Rutland County. Nongame & Natural Heritage Program. VT Dept. of Fish & Wildlife.
PNDELL01VTUS	Ellison, Walter and Nancy Martin. VINS, Woodstock, VT
U06SOR02VTUS	Sorenson, E. 2006. Natural communities of the Helen W. Buckner Memorial Preserve and adjacent lands at Bald Mountain and Austin Hill, West Haven, Vermont. Vermont Nongame and Natural Heritage Program.