

# APPENDIX B

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## **USGS 7.5 Minute Quadrangles for Chesapeake Bay and the Delmarva Peninsula Coastal Bays Showing Distribution, Abundance, and Groundtruthing of SAV in 1998**

Boundaries of individual SAV beds are delineated by solid lines and SAV beds are shaded. Each bed is identified with a unique one or two letter label (A-Z, AA-ZA, AB-ZB, etc.) and single number density designation (1-4). These density numbers represent the classification discussed in the text and Figure 9, i.e., 1 = <10%; 2 = 10-40%; 3 = 40-70%; 4 = 70-100%. Ground survey observations are represented by symbols and species codes, which are explained in the legend. Chesapeake Bay Program and Delmarva Peninsula coastal bay segments are identified on the maps with gray labels and delineated by dashed lines.

## Key for 1998 SAV Maps

### SPECIES

<b>Zm</b>	<i>Zostera marina</i> (eelgrass)
<b>Rm</b>	<i>Ruppia maritima</i> (widgeon grass)
<b>C</b>	<i>Chara</i> sp. (muskgrass)
<b>Cd</b>	<i>Ceratophyllum demersum</i> (coontail)
<b>Cl</b>	<i>Callitriche</i> sp. (water-starwort)
<b>Ec</b>	<i>Elodea canadensis</i> (common elodea)
<b>Ed</b>	<i>Egeria densa</i> (water-weed)
<b>Hd</b>	<i>Heteranthera dubia</i> (water stargrass)
<b>Hv</b>	<i>Hydrilla verticillata</i> (hydrilla)
<b>Ms</b>	<i>Myriophyllum spicatum</i> (Eurasian watermilfoil)
<b>N</b>	<i>Najas</i> sp. (naiad)
<b>Nfl</b>	<i>Najas flexilis</i> (northern naiad)
<b>Ngr</b>	<i>Najas gracillima</i> (slender naiad)
<b>Ngu</b>	<i>Najas guadalupensis</i> (southern naiad)
<b>Nm</b>	<i>Najas minor</i>
<b>Nt</b>	<i>Nitella</i> sp. (muskgrass)
<b>Pcr</b>	<i>Potamogeton crispus</i> (curly pondweed)
<b>Pe</b>	<i>Potamogeton epihydrus</i> (leafy pondweed)
<b>Pn</b>	<i>Potamogeton nodosus</i> (American pondweed)
<b>Ppc</b>	<i>Potamogeton pectinatus</i> (sago pondweed)
<b>Ppf</b>	<i>Potamogeton perfoliatus</i> (redhead-grass)
<b>Ppu</b>	<i>Potamogeton pusillus</i> (slender pondweed)
<b>S</b>	<i>Sparganium</i> sp. (bureed)
<b>Tn</b>	<i>Trapa natans</i> (water chestnut)
<b>Va</b>	<i>Vallisneria americana</i> (wild celery)
<b>Zp</b>	<i>Zannichellia palustris</i> (horned pondweed)
<b>U</b>	Unidentified species composition

### SURVEY STATIONS

⊗	Citizens Field Observation
▲	Army Corps of Engineers
♣	Aberdeen Proving Ground (USAEC/ARL)
▼	University of Maryland
■	U.S. Environmental Protection Agency
*	Harford Community College
■	Md. Dept. of Natural Resources
⊕	Naval Air Station –Patuxent River
♠	National Oceanographic Atmospheric Administration
▧	National Park Service
♥	Patuxent River Park
☺	Patuxent Wildlife Research Center
◆	Salisbury State University
★	U.S. Fish and Wildlife Service
◇	U.S. Geological Survey
△	VIMS Field Survey
▲	Virginia Marine Resources Commission



**1998 SAV  
Beds**

### SAV Bed Labels

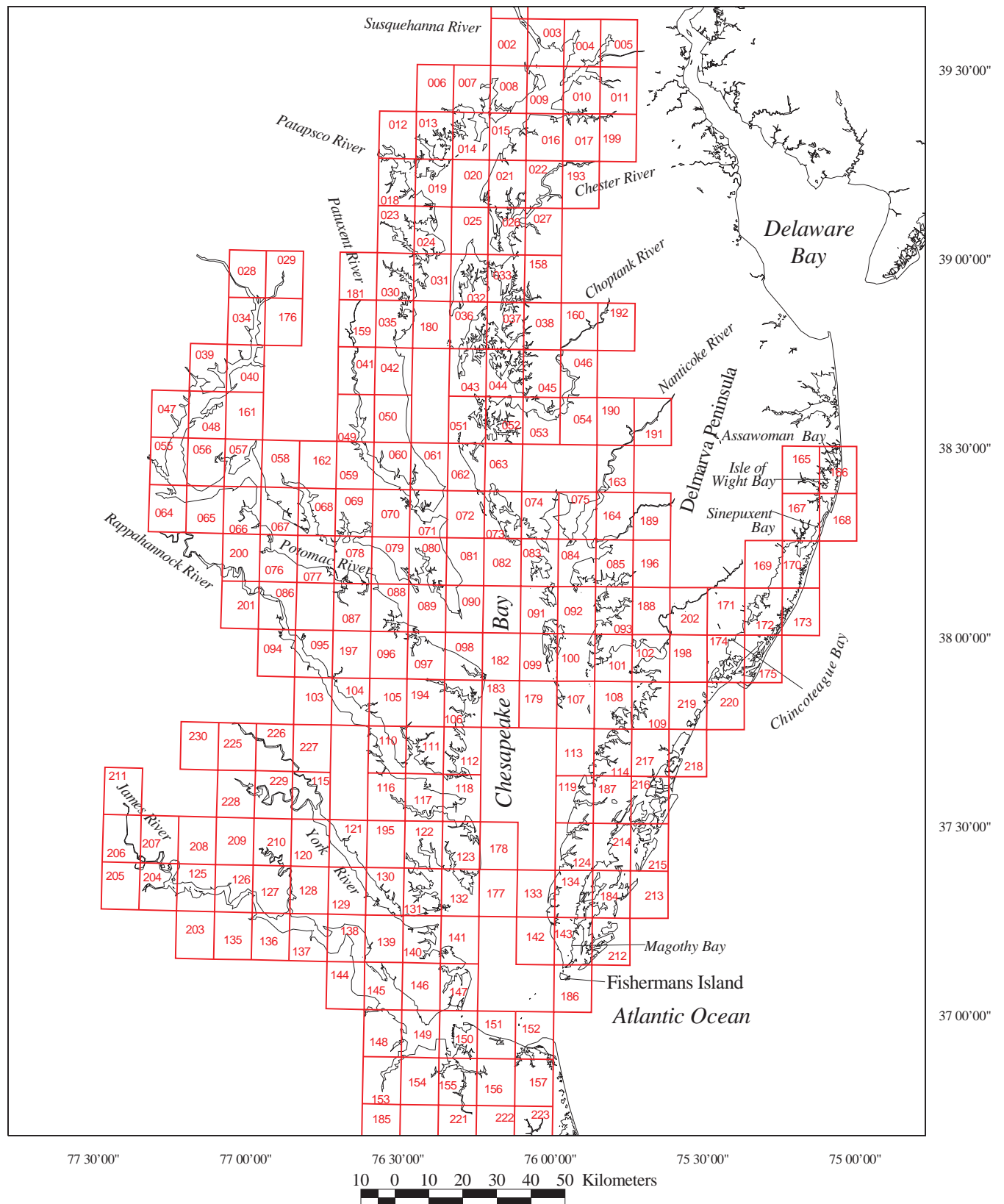
A,B,C,....,AA,BA,CA,...

1 = 0 – 10% density

2 = 10 – 40% density

3 = 40 – 70% density

4 = 70 –100% density



Location of USGS 7.5 minute quadrangles in Chesapeake Bay, its tributaries, and in the Delmarva Peninsula coastal bays with corresponding code numbers. (See Table 2 for quad names.)

