

# Standard Protocol for Collection and Preservation of Non-native Species from Marine Debris

*Didemnum vexillum*

*Ciona savignyi*

*Botrylloides spp*  
*Watersipora subtorquata*

*Botryllus schlosseri* *Carcinus maenas*



non-native invertebrate species on the west coast targeted for watch in Alaska. info @ <http://platewatch.nisbase.org>

**1. Photograph specimen.** Prepare a photo ID number (see 3<sup>rd</sup> photo above) with printer, indelible marker or dark pencil (**not pen**), including site code. Take close-up photo, in water if possible.

**2. Record Data.** Include the date, collector name, location, GPS, and Photo ID number on datasheet and upload locality information and presence/absence of *D vex* on the map: <http://g.co/maps/3eb8e>

**3. Collect sample and preserve. (Optional)** Use > 3 parts 95% ethanol to 1 part specimen by volume (Everclear works if ethanol is not available), include photo ID no. described in 1. If sample not taken, please put organism(s) in dumpster.

**4. Submit photo.** with collection datasheet by email to Linda McCann: [mccannl@si.edu](mailto:mccannl@si.edu), Tammy Davis: [tammy.davis@alaska.gov](mailto:tammy.davis@alaska.gov), Gary Freitag: [gary.freitag@alaska.edu](mailto:gary.freitag@alaska.edu), & Linda Shaw: [linda.shaw@noaa.gov](mailto:linda.shaw@noaa.gov)

**5. Review.** photographs will be reviewed by panel above and appropriate response determined.

**6. Response.** Initial identification is emailed to collector. **It is not possible to process all specimens, but novel and unconfirmed specimens may be requested by panel. Guidelines for shipping will be provided with requests.**

<b>Collector's name/Contact information</b>	<b>Date</b>
<b>GPS coordinates</b>	<b>City, State, Zip</b>
<b>Specific Location (Dewey beach, marina, etc) upload to map at <a href="http://g.co/maps/3eb8e">http://g.co/maps/3eb8e</a></b>	<b>Substrate (buoy, line, etc)</b>
<b>Photo ID Number including site code below or make your own. Example: BE1, BE2</b>	<b>Identification/Description of specimen (color, feel, etc)</b>
<b>Sample taken? Yes or No</b>	

**Site Codes: AK:** Chenega-CH, Dutch Harbor-DH, Glacier Bay-GB, Homer-HO, Ketchikan-KE, Kodiak-KO, Petersburg-PE, Seldovia-SL, Seward-SE, Sitka-SI, Cordova-PW, Valdez-VA. **BC:** Prince Rupert-PR. **CA:** Berkeley-BE, Morro Bay-MO, Richardson Bay-SA.

**When debris is found, please record as much information about your find as possible. If the structure is wood, look for holes made by boring animals such as barnacles, clams and marine worms. Photos and removal of organisms are the highest priority. If you have questions contact Linda McCann or Tammy Davis or another panel member above.**