

## **Pigeon Guillemot Survey**

### **Directions for filling out Data Sheet 2020**

#### **Section 1 -- Colony Wide Activity**

Fill in the **Colony Name, Survey Date, Team Lead** and e-mail, **Names of Observers**.

**Total volunteer time:** This includes one hour of survey, settling in time prior to the survey, and travel time for all volunteers. Also include time used for data entry.

**Survey Start time:** Must be prior to 8:00.

**Tide in feet at start of survey:** Consult tide charts or apps.

**Incoming or Outgoing:** Circle appropriate answer.

#### **PIGU Counts:**

- A) **Highest Count before 9:00:** As you conduct the survey, frequently count the birds *associated with your colony*. Include birds seen on the water, beach and bluff. Record the largest count noted at anytime during the survey, as long as it is before 9:00 am.
- B) **Count at beginning:** After the birds have settled and you begin the survey take a point count of birds seen.
- C) **Count in middle:** 30 minutes into the survey take and record a second point count.
- D) **Count at end:** At the one hour mark take and record final point count.

#### **Section 2 -- Burrow Activity**

Record **Burrow Identifier** for each burrow where activity is observed.

For a visit to the burrow with **no prey** mark the time in the box. Subsequent burrow visit times can be added separated by a comma.

Most fish delivered will be either **gunnels** or **sculpins**. Mark the times of each fish delivery in the appropriate box. If you can't identify the prey, record the time in the box marked

**Other/Unknown**. (Identify the prey if possible. For example, if you see a perch, cod or shrimp mark that under "Other/Unknown" along with the time.)

#### **Section 3 – Response to Disturbances**

Occasionally disturbances will occur that cause the birds to fly away from the beach, vacate the burrows, or retreat offshore and away from the colony.

Record the time of the disturbance next to the listed cause. **Monitor the birds' colony wide reaction** to the disturbance and select the approximate length of reaction. **NO** for no or minimal disturbance 0-2 minutes. **Small** for 2-10 minutes. **Medium** for 10-30 minutes, **Large** for 30 minutes or longer. If the disturbance extends to the end of the survey, mark "end".

#### **Section 4 – For Beaches With More Than One Observation Point**

If your beach has surveyors positioned at multiple observation points:

- Before leaving the beach, apply your documented process to determine the combined maximum PG count for each count period.
- Before leaving the beach, deconflict any observations noted by volunteers from more than one observation point to avoid double counting prey deliveries or other errors.
- Prepare a summary field card that captures the observations from the volunteers from all the observation points. This is the official copy.

Record survey data in web site: [www.pigeonguillemotdata.org](http://www.pigeonguillemotdata.org). shortly after survey.

**Please snail mail field cards within three weeks of your survey.** Send to:

The Survey coordinator for your county.

Thank you for your time and effort given to this study. It is deeply appreciated.