Oregon Black Oystercatcher Project
Nest Monitoring Data Form

Year: _____   **Name & email of primary nest monitor:** _____   **Page:** of _____

Pair ID: _____   *(Pair ID = last 2 #s of year, your initials, and nest #; e.g. if Jane Doe*   **Nest Attempt#:** _____

County: _____   *2 nests in 2020, the Pair ID will be 20JAD01 & 20JAD02)*   Date nest discovered: _____

Locale (route map name): _____

Latitude: *(in dec.degrees)* _____

Longitude: *(in dec.degrees)* _____

Observation point (where you monitored nest from): _____

Nest height above mean high tide (meters): _____

Mainland site, offshore rock, pier, other: _____

	End of season preliminary summary:
	Total # surveys: _____
	Total survey hours: _____
	Total nest attempts: _____
	Total chicks fledged: _____
	Notes:

If offshore: Low tide access? _____

Meters from coast? _____

Rock height (meters): _____

After this nest is no longer active, complete the on-line data survey available here:
https://survey123.arcgis.com/share/e2240c2c416743b683aea4883e475d61
Please send an electronic copy of this data form to aanholt@audubonportland.org

General survey notes: *weather conditions, detailed info on nesting stage, # of outreach interactions w/ public, other species present, and any unusual conditions .*

Date	*Observer*	*Visit summary*	*# outreach interactions*

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Pair ID: **Attempt #:**

Survey Date	Survey Time and Effort			Nest Stage	Adults	Eggs	Chicks	Impacts (Type)	Impacts (Response)	Survey Quality
yyyy mm dd	Start Time	End Time	Total Hours	B,I,Y,E,U	B,I,C,T,FO,D,IE, V	R,COLL	FLY,CARC,FO,U	Codes	Codes	P,G,E
					# Adults: Behavior:	# Eggs: Stage:	# Chicks: Stage:			
					# Adults: Behavior:	# Eggs: Stage:	# Chicks: Stage:			
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CODES FOR DATA COLLECTION. Please use as many codes as are applicable and at least one entry per column.

Pair ID#	Use a unique ID for each pair. If possible, use same ID from year to year for discrete pairs
Nest Attempt#	Please use a separate data sheet for each sequential nest attempt by individual pairs. If a pair re-nests but moves to a different nest site, keep the Pair ID the same; add information in notes re: new nest site location.
Weather	Please include in general survey notes for each visit (first page). Sky= %cloud cover, Windspeed (kts), Tide level, °C=Air temperature, Sea state; can also use Beaufort scale. General information to help interpret survey data. Use your best judgement!
Collections (all)	Abbr. COLL; please indicate collection # in notes; include **permit #** on cover page. If collections occurred, note any researcher disturbance.
Survey Effort	Please use military time (24 hour clock 00:00) for start and end times; round total survey hours to 0.25 hours.
Nest Stage	B=building/rock tossing, I=incubation; Y=young/chicks, E =empty, U = unknown [add notes]
Adults *(total # and behavior)*	B=nest building/rock tossing; I= incubating, C= copulation, T= territorial behavior; FO= foraging, D= disturbed, IE= incubation exchange; V=provisioning young (adults feeding chicks in or away from nest); RP=resting or preening
Eggs *(total # seen & status)*	P=present; S=suspected; **AND**: W=Whole, K=Broken, H=hatched, PIP=pipping, M= marked[add notes], R=removed but not collected, COLL=collected [please add Collection ID]. *Goal: How many eggs that were laid eventually hatch?*
Chicks *(total # and age class)*	P=present; S= suspected, NH=newly hatched, SD=small downy, M= medium, approx 1/2 size of adult, NFL= nearly fledged; adult size, FLY= fledged; ; FO=foraging; U=unknown age, CARC = carcass, include chick size/age. *Goal: Did at least one chick fledge; if so, do we know exactly how many?*
Impacts (Type)	0=None, 1=BLOY interloper, 2=Waves, 3=Native Land Mammal (specify), 4=Non-Native Land Mammal (specify), 5=Aquatic Mammal, 6=Gull (specify), 7=Raptor (specify), 8=Corvid (specify), 9=Other avian (specify), 10=Human Researcher, 11=Human NonResearcher, 12=Boating, 13=Diving, 14=Fishing, 15=Pet (specify), 16=Drone, 17=Other aircraft, 18=Other (describe). *If >1 impact is identified, use a comma to separate*
Impacts (Response)	0=None, 1=Adult alerted, 2=Adult flushed, 3=Young alerted, 4=Young flushed, 5=Adult mortality, 6=Young mortality, 7=Eggs depredated, 8=Nest destroyed, 9=Other (describe). *If >1 impact is identified, use a comma to separate*
Survey Quality	Poor=low confidence that nest status accurately assessed; Good = adequate data collection but some uncertainty, ie. that eggs/chicks were all seen; Excellent=low or no uncertainty regarding data collection.