

SOP #6: Data sheets

Version 1.0 (November 7, 2018)

Revision History Log: Only changes in this specific SOP will be logged here. For minor changes, version numbers increase incrementally by hundredths (e.g., version 1.01, version 1.02). Major revisions should be designated with the next whole number (e.g., version 2.0, 3.0, 4.0). Record the previous version number, new version number, date of revision, author of the revision; identify paragraphs and pages where changes are made, the reason for making the changes, and the person who approved the revision.

Previous Version Number	New Version Number	Revision Date	Author	Changes Made	Reasons for Change	Network Regional Reviewer Approval

Purpose

This Standard Operating Procedure (SOP) describes data sheets to be used in the field for the Pacific Island Network Anchialine Pool Monitoring Protocol.

PACN I&M Program- Anchialine Pools Data Sheet

Park: _____ Pool: _____ Date: _____

Crew: _____

Tide Information

Time of High Tide: _____ Height at High Tide: _____

If you will be doing a visual shrimp survey from shore, this should be done before water quality.

See page 2.

Water Quality

Start Time: _____ End Time: _____ Tide Height: _____ Temp (°C): _____

Sp. Conductivity (mS/cm³): _____ Salinity (ppt): _____ pH: _____ Turbidity (NTU): _____

Chlorophyll a (µg/L): _____ D.O. (% Sat): _____ D.O. (mg/L): _____

Pressure (mmHg): _____ YSI Filename: _____ Nutrient Sample Labels: _____

Sketch

Surface area estimate: _____ sq. meters

Mark circumference distances; label sub-pools (if any), key features, directions (north, mauka & makai); transect location, label "bank 1" and "bank 2" (densitometer reading location); trap deployment location, water quality sonde deployment location; photo point locations, and major landmarks.

Figure 6.1. Anchialine pool data sheet.

Park: _____ Pool name: _____ Date: _____

Odonates (3 minutes) Start Time: _____ End Time: _____

Weather (circle):

Sunny (≥ 75% sun)	Partly cloudy (≥ 25% and ≤ 75% sun)	Mostly cloudy (≤ 25% sun)	Overcast	Rain
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Taxa (damselflies)	#	Taxa (dragonflies)	#
<i>Enallagma civile</i> (Familiar Bluet)		<i>Pantala flavescens</i> (Globe skimmer)	
<i>Ischnura ramburii</i> (Rambur's forktail)		<i>Anax junius</i> (Common Green Darner)	
<i>Megalagrion xanthomelas</i> (Orangeblack Hawaiian Damselfly)		<i>Orthemis ferruginea</i> (Roseate Skimmer)	
		<i>Tramea lacerata</i> (Black saddlebags dragonfly)	

Riparian Vegetation (estimate each species cover as a % of pool bank circumference)

<i>Thespesia populnea</i> (milo)	_____ %	_____ %	_____ %
<i>Cenchrus setaceus</i> (fountain grass)	_____ %	_____ %	_____ %
<i>Sesuvium portulacastrum</i> ('ākulikuli)	_____ %	_____ %	_____ %
<i>Prosopis pallida</i> (kiawe)	_____ %	_____ %	_____ %
<i>Cyperus javanicus</i> ('ahu'awa)	_____ %	_____ %	_____ %
<i>Batis maritima</i> (pickleweed)	_____ %	_____ %	_____ %
	_____ %	_____ %	_____ %
	_____ %	_____ %	_____ %

Taxa Observed (not otherwise recorded)
(E.g. Thiarid snails, identified organisms not caught, nor observed within timed survey, etc.)

Physical Habitat Characteristics, Snails, Water Depth, Detritus

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Figure 6.3. Odonates and riparian vegetation data sheet.

