

Distribution of Biotic Sampling: The number of survey locations that were sampled in the various reach types.

| <u>Survey type</u> | <u>Estuary</u> | <u>Lower</u> | <u>Middle</u> | <u>Upper</u> | <u>Headwaters</u> |
|-------------------------|----------------|--------------|---------------|--------------|-------------------|
| Damselfly Surveys | 1 | 3 | 0 | 5 | 0 |
| DAR Observation | 0 | 0 | 2 | 0 | 0 |
| DAR Point Quadrat | 0 | 18 | 231 | 2 | 0 |
| DAR Rapid BioAssessment | 1 | 1 | 0 | 0 | 0 |
| HDFG | 0 | 1 | 3 | 0 | 0 |
| Published Report | 18 | 11 | 15 | 1 | 0 |

BIOTA INFORMATION

Species List

Native Species

Crustaceans

Atyoida bisulcata
Grapsus tenuicrustatus
Macrobrachium grandimanus
Macrobrachium sp.
Metopograpsus thukuhar
Palaemon debilis
Palaemon pacificus
Palaemon sp.
Podophthalmus vigil
Portunus sanguinolentus
Thalamita crenata

Fish

Abudefduf abdominalis
Abudefduf sordidus

Acanthurus triostegus
Acanthurus xanthopterus
Albula sp.
Arothron hispidus
Atherinomorus insularum
Awaous guamensis
Bathygobius cocosensis
Bothus mancus
Bothus pantherinus
Carangidae sp.
Carangoides ferdau
Caranx ignobilis
Diodon holocanthus
Diodon hystrix
Eleotris sandwicensis
Epinephelus sp.
Fistularia commersonii
Gobiidae sp.

Native Species

Insects

Campsicnemus brevipes
Dasyhelea hawaiiensis
Limonia jacobus
Megalagrion hawaiiense
Megalagrion leptodemas
Megalagrion nigrohamatum
nigrolineatum
Megalagrion sp.
Microvelia vagans
Saldula exulans
Scatella cilipes
Scatella clavipes
Scatella oahuense
Tipulidae sp.