

Appendix

III

Take Table Information

The following pages contain a complete listing of the options for the Take Action, Observe/Collect Method, and Procedures columns in the Take Table, by the following species groups:

- *Abalone*
- *Cetaceans*
- *Pinnipeds*
- *Sea Turtles*
- *Sturgeon/Sawfish*

Abalone

Take Action

- Captive animals (research, enhancement, public display)
- Capture/Handle/Release
- Handle/Release
- Harass
- Harass/Sampling
- Import/export/receive only
- Incidental take
- Intentional (Directed) Mortality
- Release captive animals
- Removal from wild (permanent)
- Unintentional mortality
- Unknown

Observe/Collect Method

- Abalone iron
- Captive
- Other

Procedures

- Captive, maintain
- Collect
- Field planting
- import/export/receive, parts
- Mortality
- Other
- Research, genetics
- Research, other (invasive)
- Research, other (non-invasive)
- Research, Withering syndrome
- Sabellid testing
- Transfer/transport, dead
- Transfer/transport, live

Cetaceans

Take Action

- Captive animals (research, enhancement, public display)
- Capture/Handle/Release
- Handle/Release
- Harass
- Harass/Sampling
- Import/export/receive only
- Incidental take
- Intentional (Directed) Mortality
- Release captive animals
- Removal from wild (permanent)
- Unintentional mortality
- Unknown

Observe/Collect Method

- Captive
- Net
- Survey, aerial
- Survey, ground
- Survey, vessel
- Survey, aerial/vessel
- Other

Procedures

- Acoustic, active playback/broadcast
- Acoustic, passive recording
- Acoustic, sonar for prey mapping
- Auditory brainstem response test
- Captive, maintain
- Captive, research
- Collect, remains for predation study
- Collect, sloughed skin
- Count/survey
- Imaging, thermal

Procedures cont.

- Import/export/receive, parts
- Incidental harassment
- Insert ingestible telemeter pill
- Instrument, dorsal fin/ridge attachment
- Instrument, implantable (e.g., satellite tag)
- Instrument, suction-cup (e.g., VHF, TDR)
- Intentional (directed) mortality
- Lavage
- Mark, freeze brand
- Mark, roto tag
- Measure
- Measure colonic temperature
- Metabolic chamber/hood
- Observations, behavioral
- Other
- Photogrammetry
- Photo-id
- Sample, anal swab
- Sample, blood
- Sample, blowhole swab
- Sample, exhaled air
- Sample, fecal
- Sample, milk
- Sample, muscle biopsy
- Sample, skin and blubber biopsy
- Sample, skin biopsy
- Sample, sperm
- Sample, tooth extraction
- Sample, urine
- Transport
- Ultrasound
- Underwater photo/videography
- Unintentional mortality
- Weigh

Pinnipeds

Take Action

- Captive animals (research, enhancement, public display)
- Capture/Handle/Release
- Handle/Release
- Harass
- Harass/Sampling
- Import/export/receive only
- Incidental take
- Intentional (Directed) Mortality
- Release captive animals
- Removal from wild (permanent)
- Unintentional mortality
- Unknown

Observe/Collect Method

- Captive
- Dart, injectable immobilizing agent
- Hand
- Net, Hoop
- Net, other
- Net, seine
- Other
- Survey, aerial
- Survey, ground
- Survey, vessel
- Trap, floating
- Underwater lasso

Procedures

- Acoustic, active playback/broadcast
- Acoustic, passive recording
- Acoustic, sonar for prey mapping
- Administer drug, IM
- Administer drug, intraperitoneal

Procedures cont.

- Administer drug, IV
- Administer drug, subcutaneous
- Administer drug, topical
- Anesthesia, gas w/cone or mask
- Anesthesia, gas w/intubation
- Anesthesia, injectable sedative
- Auditory brainstem response test
- Bioelectrical impedance (subcutaneous)
- Bioelectrical impedance (surface)
- Calipers (skin fold)
- Captive, maintain permanent
- Captive, maintain temporary
- Cognitive studies
- Collect, molt
- Collect, scat
- Collect, spew
- Collect, urine
- Count/survey
- Evan's blue dye and serial blood samples
- Hormones and serial blood samples
- Import/export/receive, parts
- Incidental disturbance
- Instrument, external (e.g., VHF, SLTDR)
- Instrument, internal (e.g., PIT)
- Intentional (directed) mortality
- Mark, bleach
- Mark, clip fur
- Mark, dye or paint
- Mark, flipper tag
- Mark, freeze brand
- Mark, hot brand

Procedures cont.

- Mark, other (e.g., neoprene patch)
 - Measure (standard morphometrics)
 - Metabolic chamber/hood
 - Observations, behavioral
 - Observation, mark resight
 - Observation, monitoring
 - Other
 - Photogrammetry
 - Photo-id
 - Remote video monitoring
 - Restrain, board
 - Restrain, cage
 - Restrain, hand
 - Restrain, net
 - Restrain, other
 - Sample, blood
 - Sample, blubber biopsy
 - Sample, clip hair
 - Sample, clip nail
 - Sample, fecal enema
 - Sample, fecal loop
 - Sample, fecal swab
 - Sample, milk
 - Sample, muscle biopsy
 - Sample, nasal swab
 - Sample, ocular swab
 - Sample, oral swab
 - Sample, other
 - Sample, skin biopsy
 - Sample, stomach lavage
 - Sample, swab all mucus membranes
 - Sample, tooth extraction
 - Sample, urine catheter
 - Sample, vibrissae (clip)
 - Sample, vibrissae (pull)
 - Stable isotopes and serial blood samples
 - Transport
 - Ultrasound
 - Unintentional mortality
- Weigh
 - X-ray

Sea Turtles

Take Action

- Captive animals (research, enhancement, public display)
- Capture/Handle/Release
- Handle/Release
- Harass
- Harass/Sampling
- Import/export/receive only
- Incidental take
- Intentional (Directed) Mortality
- Release captive animals
- Removal from wild (permanent)
- Unintentional mortality
- Unknown

Observe/Collect Method

- Captive
- Capture under other authority
- Gear modification experiment
- Hand and/or Dip Net
- Net, Cast
- Net, breakaway hoopnet
- Net, encircle
- Net, Pound
- Net, Seine
- Net, Tangle
- Net, trawl
- Other
- Survey, aerial
- Survey, vessel

Procedures

- Epibiota removal
- Bioelectrical impedance analysis
- Bycatch reduction experiments

Procedures cont.

- Captive, lab experiments
- Count/Survey
- Collect, tumors
- Imaging (e.g., MRI, CT, CAT, X-Ray)
- Import/export/receive, parts
- Instrument, drill carapace attachment
- Instrument, epoxy attachment (e.g., satellite tag, VHF tag)
- Instrument, harness attachment
- Instrument, suction-cup attachment (e.g., camera)
- Intentional (directed) mortality
- Laparoscopy
- Lavage
- Mark, carapace (temporary)
- Mark, coded wire
- Mark, flipper tag
- Mark, living tag
- Mark, PIT tag
- Mark, visual marker (hatchling)
- Measure
- Necropsy
- Orientation research
- Other
- Photograph
- Salvage (carcass, tissue, parts)
- Sample, blood
- Sample, bone biopsy
- Sample, cloacal swab
- Sample, fat
- Sample, fecal
- Sample, muscle biopsy
- Sample, nasal swab
- Sample, organ biopsy
- Sample, scute scraping
- Sample, tissue

Procedures cont.

- Tracking
- Transport
- Ultrasound
- Unintentional mortality
- Weigh

Sturgeon/Sawfish

Take Action

- Captive animals (research, enhancement, public display)
- Capture/Handle/Release
- Handle/Release
- Harass
- Harass/Sampling
- Import/export/receive only
- Incidental take
- Intentional (Directed) Mortality
- Release captive animals
- Removal from wild (permanent)
- Unintentional mortality
- Unknown

Observe/Collect Method

- Captive
- Egg mat
- Electroshock
- Hand and/or Dip Net
- Hook and line/angler/rod and reel
- Longline
- Net, D-frame
- Net, Gill
- Net, seine
- Net, Trammel
- Net, trawl
- Other
- Remote Sensing
- Trot line

Procedures

- Anesthetize
- Boroscope
- Captive, breed
- Captive, field studies
- Captive, lab experiments
- Captive, maintain

Procedures cont.

- Captive, other
- Captive, public display
- Collect eggs
- Collect, sperm
- Instrument, external (e.g., VHF, satellite)
- Instrument, internal (e.g., VHF, sonic)
- Instrument, internal/external
- Intentional (directed) mortality
- import/export/receive, parts
- Laparoscopy
- Lavage
- Mark, bovine/DNA marking
- Mark, Carlin dangler
- Mark, coded wire
- Mark, dart
- Mark, disk anchor
- Mark, double barb tag
- Mark, elastomer
- Mark, Floy T-bar
- Mark, M-tag
- Mark, PIT tag
- Mark, roto tag
- Measure
- necropsy
- Other
- Photograph
- salvage (carcass, tissue, parts)
- Sample, barbel clip
- Sample, blood
- Sample, fin clip
- Sample, fin ray clip
- Sample, gonadal tissue biopsy
- Sample, other tissue
- Treatment, prophylactic
- Treatment, therapeutic
- Transport
- Unintentional mortality
- Weigh