

Appendix VII

Take Table Drop-Down Menus

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

- Abalone
- Cetaceans
- Pinnipeds
- Sea Turtles
- Sturgeon/Sawfish
- Pacific Marine and Anadromous ESA Listed Fish
- Invertebrates (Oregon permits only)
- Other Fish (Oregon permits only- all non-ESA Listed fish)

Abalone

Take Action

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

Observe/Collect Method

- Abalone iron
- Captive
- Net
- Other

Procedures

- Captive, breed
- Captive, lab experiments
- Captive, maintain
- Collect
- Count/survey
- Field planting
- Import/export/receive, parts
- Mark, other (e.g., neoprene patch)
- Measure
- Mortality
- Observation, monitoring
- Other
- Transfer/transport, dead
- Transfer/transport, live

Cetaceans- PR1 updated 4/1/21

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
- Other*
- Survey, aerial*
- Survey, aerial/vessel*
- Survey, ground*
- Survey, vessel*

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*
- Export
- Imaging, thermal*
- Import/export/receive, parts
- Incidental harassment*
- Insert ingestible telemeter pill
- Instrument, belt/harness tag
- Instrument, bolt/pin
- Instrument, dart/barb tag
- Instrument, deep-implant
- Instrument, dorsal fin/ridge attachment
- Instrument, suction-cup
- Intentional (directed) mortality
- Lavage, gastric
- Mark, freeze brand
- Mark, roto tag
- Measure
- Measure colonic temperature
- Metabolic chamber/hood
- Observation, monitoring*
- Observations, behavioral*
- Other*
- Photogrammetry*
- Photo-id*
- Photograph/video*
- Receive domestically
- Remote vehicle, aerial (fixed wing)*
- Remote vehicle, aerial (VTOL)*
- Remote vehicle, amphibious*
- Remote vehicle, vessel*
- Salvage (carcass, tissue, parts)
- Sample, anal swab
- Sample, blood
- Sample, blowhole swab
- Sample, exhaled air

* Only these options are available for the MMPA General Authorization.

- Sample, fecal*
- Sample, milk (lactating females)
- Sample, muscle biopsy
- Sample, skin and blubber biopsy
- Sample, skin biopsy
- Sample, sperm
- Sample, tooth extraction
- Sample, urine
- Tracking
- Transport
- Ultrasound
- Underwater photo/videography*
- Unintentional mortality
- Weigh

Pinnipeds- PR1 updated 4/1/21

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 and/or dip net
- 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
- 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, U.S. subsistence
- Collect, urine*
- Count/survey*
- Evan's blue dye and serial blood samples
- Hormones and serial blood samples
- Import
- Import/export/receive, parts
- Incidental harassment*
- Instrument, external (e.g., VHF, SLTDR)
- Instrument, internal (e.g., catheter)
- Intentional (directed) mortality
- Mark, bleach
- Mark, clip fur
- Mark, dye or paint
- Mark, flipper tag

* Only these options are available for the MMPA General Authorization.

Procedures cont.

- Mark, freeze brand
- Mark, hot brand
- Mark, other (e.g., neoprene patch)
- Mark, PIT tag
- Measure (standard morphometrics)
- Metabolic chamber/hood
- Observations, behavioral*
- Observation, mark resight
- Observation, monitoring*
- Other*
- Photogrammetry*
- Photo-id*
- Receive domestically
- Remote vehicle, aerial (fixed wing)*
- Remote vehicle, aerial (VTOL)*
- Remote vehicle, amphibious
- Remote vehicle, vessel
- Remote video monitoring*
- Restrain, board
- Restrain, cage
- Restrain, hand
- Restrain, net
- Restrain, other
- Salvage (carcass, tissue, parts)
- Sample, blood
- Sample, blubber biopsy
- Sample, clip hair
- Sample, clip nail
- Sample, fecal enema
- Sample, fecal loop
- Sample, fecal swab
- Sample, milk (lactating females)
- 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
- Underwater photo/videography*
- Unintentional mortality
- Weigh
- X-ray

Sea Turtles- PR1 updated 4/1/21

Take Action

- Capture/Handle/Release
- Handle/Release
- Harass
- Harass/Sampling
- Import/export/receive only
- Incidental take
- Unintentional mortality
- Unknown

Observe/Collect Method

- Capture under other authority
- Hand
- Net, cast
- Net, dip
- Net, breakaway hoopnet
- Net, encircle
- Net, pound
- Net, seine
- Net, tangle
- Net, trawl
- Other
- Survey, aerial
- Survey, aerial/vessel
- Survey, vessel

Procedures

- Acoustic deterrent device
- Aerial, spotter (manned)
- Auditory brainstem response test
- Bioelectrical impedance analysis
- Bycatch reduction experiments
- Captive, lab experiments
- Cell line development
- Collect, urine
- Count/Survey
- Epibiota removal

- Imaging (e.g., MRI, CT, CAT, X-Ray)
- Import
- Import/export/receive, parts
- Insert stomach telemeter pill
- Instrument, drill carapace attachment
- Instrument, epoxy attachment
- Instrument, harness attachment
- Instrument, suction-cup attachment
- Laparoscopy
- Lavage, cloacal
- Lavage, gastric
- Mark, carapace (temporary)
- Mark, flipper tag
- Mark, oxytetracycline
- Mark, PIT tag
- Mark, visual marker (hatchling)
- Measure
- Measure cloacal temperature
- Monitor, vitals
- Orientation research
- Other
- Photograph/video
- Recapture (gear removal)
- Receive domestically
- Remote vehicle, aerial (fixed wing)
- Remote vehicle, aerial (VTOL)
- Remote vehicle, amphibious
- Remote vehicle, vessel
- Salvage (carcass, tissue, parts)
- Sample, blood
- Sample, bone biopsy
- Sample, cloacal swab
- Sample, fat
- Sample, fecal

Procedures cont.

- Sample, gonad biopsy
- Sample, lesion
- Sample, muscle biopsy
- Sample, nasal swab
- Sample, oral swab
- Sample, organ biopsy
- Sample, scute
- Sample, skin biopsy
- Sample, skin swab
- Sample, tears
- Sample, tumor
- Tracking
- Transport
- Ultrasound
- Unintentional mortality
- Weigh

Sturgeon/Sawfish- PR1 updated 4/1/21

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)
- Remove from wild (temporary)
- Unintentional mortality
- Unknown

Observe/Collect Method

- Captive
- Drum line
- Egg mat
- Epibenthic sled
- Hand and/or Dip Net
- Hook and line/angler/rod and reel
- Longline
- Net, D-frame
- Net, Gill
- Net, Hoop
- Net, Pound
- Net, Trammel
- Net, trawl
- Other
- Remote Sensing
- Seine, Beach
- Seine, Boat
- Set line

- Snorkel/Dive surveys
- Trot line

Procedures

- Anesthetize (e.g. MS-222)
- Anesthetize (Electronarcosis)
- Borescope
- Capture, breed
- Capture, field studies
- Capture, lab experiments
- Capture, maintain
- Capture, other
- Capture, public display
- Cell line development
- Collect eggs (wild)
- Collect, sperm (wild)
- Collect, U.S. subsistence
- Export
- Import
- Import/export/receive, parts
- Instrument, external (e.g., VHF, satellite)
- Instrument, internal (e.g., VHF, sonic)
- Instrument, internal/external
- Intentional (directed) mortality
- Laparoscopy
- Lavage, gastric
- 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, oxytetracycline

Procedures (cont.)

- Mark, PIT tag
- Mark, roto tag
- Measure
- Necropsy
- Other
- Photograph/video
- Receive domestically
- Remote vehicle, aerial (fixed wing)
- Remote vehicle, aerial (VTOL)
- Remote vehicle, amphibious
- Remote vehicle, vessel
- Salvage (carcass, tissue, parts)
- Sample, barbel clip
- Sample, blood
- Sample, fin clip (genetic)
- Sample, fin ray clip (leading ray)
- Sample, fin ray clip (second ray)
- Sample, gill biopsy
- Sample, gonad biopsy
- Sample, liver biopsy
- Sample, muscle biopsy
- Sample, other biopsy
- Sample, other tissue
- Sample, scute
- Sample, scute spine
- Sample, skin biopsy
- Transport
- Treatment, prophylactic
- Treatment, therapeutic
- Ultrasound
- Unintentional mortality
- Weigh

Pacific Marine and Anadromous Fish- updated 8/31/21

Take Action

- Broodstock collection
- Captive animals (research, enhancement, public display)
- Capture/Handle/Release Fish
- Capture/Mark, Tag, Sample Tissue/Release Live Animal
- Collect, Sample and Transport Live Animal
- Import/export/receive only
- Intentional (Directed) Mortality
- Juvenile Releases
- Observe/Harass
- Observe/Sample Tissue Dead Animal
- Recondition and release
- Removal from wild (permanent)
- Rescue/Salvage
- Volitional Releases
- Hook and line/angler/rod and reel
- Longline
- Net, Cast
- Net, Fyke
- Net, Gill
- Net, Hoop
- Net, Kick
- Net, Tangle
- Net, Trammel
- Net, Trap
- Net, Zooplankton
- Observations at weirs, fish ladders, dams where no trapping occurs
- Plankton Pump
- Seine, Beach
- Seine, Boat
- Seine, Lampara
- Seine, Purse
- Snorkel/Dive surveys
- Spawning surveys
- Trap, Buckley
- Trap, Incline Plane
- Trap, Minnow
- Trap, Not listed here
- Trap, Screw
- Trawl, Beam
- Trawl, Bottom
- Trawl, Midwater
- Trawl, Nordic Surface
- Trawl, Otter
- Weir (only if associated with fish handling)

Observe/Collect Method

- Adult Fish Facility
- Camera/Video/Sonar
- Dam bypass, gatewell, orifice, etc. (only if associated with fish handling)
- Egg mat
- Electrofishing, Backpack
- Electrofishing, Boat
- Fish Ladder (only if associated with fish handling)
- Fish or a stream survey (where fish information is collected)
- Fish Pot
- Fish Screens, e.g., at diversions (only if associated with fish handling)
- Gaff
- Hand and/or Dip Net
- Hand held-spatula/knife

Procedures

- Anesthetize
- Dye Injection (tattoo, photonic)
- Finclip - mark
- Freeze Brand

- Maxillary Clip
- Paint, Stain or Dye Immersion
- Punch (opercle, caudal, etc.)
- Stomach pump (non-lethal)
- Tag, Acoustic or Sonic (External)
- Tag, Acoustic or Sonic (Internal)
- Tag, Balloon
- Tag, Coded-Wire
- Tag, Elastomer
- Tag, Floy
- Tag, PIT
- Tag, Radio (External)
- Tag, Radio (Internal)
- Tissue sample (other internal tissues)
- Tissue Sample Fin or Opercle
- Tissue Sample Otolith
- Tissue Sample Scale

ODFW Invertebrates- updated
8/31/21

Take Action

- Anesthetize
- Dye Injection (Tattoo, Photonic)
- Freeze Brand
- Paint, Stain or Dye Immersion
- Punch (Opercle, Caudal, etc.)
- Stomach Pump (Non-Lethal)
- Tag, Balloon
- Tag, Coded-Wire
- Tag, Elastomer
- Tag, Floy
- Tag, PIT
- Fin Clip (Tissue) - Genetics
- Tissue Sample - Not for Genetics
- Tag, Acoustic/Radio/Sonic - Internal
- Tag, Acoustic/Radio/Sonic – External

Observe/Collect Method

- Crab Traps or Rings
- Electrofishing, Backpack
- Electrofishing, Boat
- Fish Pot
- Longline
- Net, Cast
- Net, Kick
- Net, Trap
- Net, Plankton
- Other
- Seine, Beach
- Shovel
- Trap, Light
- Trap, Minnow
- Weir
- Angling (Rod and Reel)
- Benthic Core
- Dredge
- Hand/Spatula/Knife
- Net, Gill/Trammel
- Net, Dip (if not used with other methods)
- Pump
- Seine, Boat/Purse
- Trap, Associated with a Fish Passage Structure
- Trawl
- Visual Observation

Procedures

- Anesthetize
- Dye Injection (Tattoo, Photonic)
- Freeze Brand
- Paint, Stain or Dye Immersion
- Punch (Opercle, Caudal, etc.)
- Stomach Pump (Non-Lethal)
- Tag, Balloon
- Tag, Coded-Wire
- Tag, Elastomer
- Tag, Floy
- Tag, PIT
- Fin Clip (Tissue) - Genetics
- Tissue Sample - Not for Genetics
- Tag, Acoustic/Radio/Sonic - Internal
- Tag, Acoustic/Radio/Sonic - External

ODFW Other Fish- updated
8/31/21

Take Action

- Anesthetize
- Dye Injection (Tattoo, Photonic)
- Fin Clip - Mark
- Freeze Brand
- Maxillary Clip
- Paint, Stain or Dye Immersion
- Punch (Opercle, Caudal, etc.)
- Stomach Pump (Non-Lethal)
- Tag, Balloon
- Tag, Coded-Wire
- Tag, Elastomer
- Tag, Floy
- Tag, Opercle
- Tag, PIT
- Fin Clip (Tissue) - Genetics
- Scale Sample
- Otolith Sample
- Tissue Sample - Not for Genetics
- Tag, Acoustic/Radio/Sonic - Internal
- Tag, Acoustic/Radio/Sonic – External

Observe/Collect Method

- Crab Traps or Rings
- Electrofishing, Backpack
- Electrofishing, Boat
- Fish Pot
- Gaff
- Longline
- Net, Cast
- Net, Kick
- Net, Trap
- Net, Plankton
- Seine, Beach
- Trap, Light
- Trap, Minnow
- Trap, Screw
- Weir
- Angling (Rod and Reel)
- Benthic Core
- Dredge
- Egg Mat
- Hand/Spatula/Knife
- Net, Gill/Trammel
- Net, Dip (if not used with other methods)
- Other

- Pump
- Seine, Boat/Purse
- Trap, Associated with a Fish Passage Structure
- Trawl
- Visual Observation

Procedures

- Anesthetize
- Dye Injection (Tattoo, Photonic)
- Fin Clip - Mark
- Freeze Brand
- Maxillary Clip
- Paint, Stain or Dye Immersion
- Punch (Opercle, Caudal, etc.)
- Stomach Pump (Non-Lethal)
- Tag, Balloon
- Tag, Coded-Wire
- Tag, Elastomer
- Tag, Floy
- Tag, Opercle
- Tag, PIT
- Fin Clip (Tissue) - Genetics
- Scale Sample
- Otolith Sample
- Tissue Sample - Not for Genetics
- Tag, Acoustic/Radio/Sonic - Internal
- Tag, Acoustic/Radio/Sonic - External