

14.2.2 ESA Section 5.....	14-4
14.2.3 ESA Section 7.....	14-4
14.2.3.1 Section 7(a)(1).....	14-4
14.2.3.2 Section 7(a)(2).....	14-5
14.2.4 ESA Section 9.....	14-6
14.2.5 ESA Section 10.....	14-7
14.2.5.1 Section 10(a)(1)(A) Research Permits.....	14-7
14.2.5.2 Section 10(a)(1)(B) Habitat Conservation Plans.....	14-7

List of Figures

Figure 1-1. South-Central California Coast Steelhead Recovery Planning Area..	1-7
Figure 2-1. Summary of the various life history strategies exhibited by South-Central California Coast <i>O. mykiss</i> and the life stage specific terminology.....	2-4
Figure 2-2. Adult female anadromous <i>O. mykiss</i> (c. 75 cm), San Carpoforo Creek	2-5
Figure 2-3. Juvenile <i>O. mykiss</i> (c. 10 cm), Trout Creek, Salinas River....	2-5
Figure 2-4. Steelhead smolt (c. 19 cm) confluence Carmel River Lagoon.....	2-5
Figure 2-5. Biogeographic Population Groups (BPGs) in the South-Central California Coast Steelhead Recovery Planning Area (after Boughton <i>et al.</i> 2007.....	2-10
Figure 2-6. South-Central California Coast <i>O. mykiss</i> Life Cycle Habitat Linkages.....	2-17
Figure 5-1. Principle Ocean Currents in the North-East Pacific Ocean Affecting Coastal Waters of California.....	5-6
Figure 5-2. Seasonal Coastal Upwelling Pattern Along the California Coast.....	5-8
Figure 5-3. Shift in Cold and Warm-Water Faunal Assembles During Pacific Decadal Oscillations and El Niño/La Niña/Southern Oscillations.	5-9
Figure 7-1. South-Central California Coast Steelhead DPS Known and Potential Fish Passage Impediments.....	7-24
Figure 9-1. The Interior Coast Range BGP.....	9-3
Figure 9-2. Federal and Non-Federal Land within the Pajaro River Watershed.....	9-7
Figure 9-3. Federal and Non-Federal Land within the Salinas River Watershed.	9-8
Figure 9-4. Major Fish Passage Impediments, Interior Coast Range BPG.....	9-14
Figure 10-1. The Carmel River BPG.....	10-3
Figure 10-2. Federal and Non-Federal Land Ownership within the Carmel River Watershed.....	10-6

Figure 10-3. Steelhead Counts at San Clemente Dam: 1965-2011.....10-9

Figure 10-4. Steelhead Counts at Los Padres Dam: 1949-2011.....10-9

Figure 10-5. Major Fish Passage Impediments, Carmel River Basin BPG.....10-13

Figure 11-1. The Big Sur Coast BPG.....11-4

Figure 11-2. Federal and Non Federal Land within the Big Sur and Little Sur River
Watersheds..... 11-5

Figure 11-3. Major Fish Passage Impediments, Sur Coast BPG.....11-10

Figure 12-1. The San Luis Obispo Terrace BPG.....12-3

Figure 12-2. Federal and Non-Federal Land Within the San Carpoforo and
Arroyo de la Cruz Creek Watersheds.....12-6

Figure 12-3. Federal and Non-Federal Land within the Oak Knoll Creek through
Santa Rosa Creek Watersheds.....12-7

Figure 12-4. Federal and Non-Federal Land within the Villa Creek through
Hartford Canyon Watersheds.....12-8

Figure 12-5. Federal and Non-Federal Land within the San Luis Obispo through
Arroyo Grande Creek Watersheds.....12-9

Figure 12-6. Major Fish Passage Impediments, San Luis Obispo Terrace BPG.....12-16

Figure 13-1. Fecundity as a function of body size for female steelhead
sampled from Scott Creek in Santa Cruz County.....13-6

Figure 13-2. Marine survival of steelhead as a function of body size at ocean entry
in the Keogh River steelhead population described by Ward et al. (1989)..13-9

Note: Unless otherwise indicated, all photographs were taken by Mark H. Capelli, South-Central/Southern California Steelhead Recovery Coordinator, National Marine Fisheries Service, or are from the Mark H. Capelli Southern California Steelhead Watershed Archive, Donald E. Davidson Library, University of California, Santa Barbara.