APPENDIX H: PLANT COMMUNITIES AND LAND COVER TYPES WITHIN THE HABITAT STUDY AREA
Figure H-1 Plant Communities and Land Cover Types within the Habitat Study Area

Source: Land cover generated using ESRI ArcGIS versions 10.1, 10.2, and 10.3 from data gathered during field surveys and aerial photo interpretation using NAIP aerial imagery dated 2010–2015
SR = State Route
Figure H-2 Plant Communities and Land Cover Types within the Habitat Study Area
Figure H-3 Plant Communities and Land Cover Types within the Habitat Study Area
Figure H-4 Plant Communities and Land Cover Types within the Habitat Study Area
Source: Land cover generated using ESRI ArcGIS versions 10.1, 10.2, and 10.3 from data gathered during field surveys and aerial photo interpretation using NAIP aerial imagery dated 2010–2015

Figure H-5 Plant Communities and Land Cover Types within the Habitat Study Area
Figure H-6 Plant Communities and Land Cover Types within the Habitat Study Area
Source: Land cover generated using ESRI ArcGIS versions 10.1, 10.2, and 10.3 from data gathered during field surveys and aerial photo interpretation using NAIP aerial imagery dated 2010–2015

Figure H-7 Plant Communities and Land Cover Types within the Habitat Study Area
Figure H-8 Plant Communities and Land Cover Types within the Habitat Study Area
Source: Land cover generated using ESRI ArcGIS versions 10.1, 10.2, and 10.3 from data gathered during field surveys and aerial photo interpretation using NAIP aerial imagery dated 2010–2015

Figure H-9 Plant Communities and Land Cover Types within the Habitat Study Area
Figure H-10 Plant Communities and Land Cover Types within the Habitat Study Area

Source: Land cover generated using ESRI ArcGIS versions 10.1, 10.2, and 10.3 from data gathered during field surveys and aerial photo interpretation using NAIP aerial imagery dated 2010–2015
Source: Land cover generated using ESRI ArcGIS versions 10.1, 10.2, and 10.3 from data gathered during field surveys and aerial photo interpretation using NAIP aerial imagery dated 2010–2015.

Figure H-11 Plant Communities and Land Cover Types within the Habitat Study Area
Figure H-12 Plant Communities and Land Cover Types in the Habitat Study Area
Site 6 – El Nido, El Nido Substation
Sources: Land cover generated using ESRI ArcGIS versions 10.4 from data gathered during field surveys and aerial photo interpretation using NAIP and Google Earth aerial imagery dated 2014; Authority and FRA, 2016a

**Figure H-13** Plant Communities and Land Cover Types in the Habitat Study Area
Site 6 – El Nido, Los Banos – Oro Loma – Canal 70 kV Power Line
Figure H-14 Plant Communities and Land Cover Types in the Habitat Study Area
Site 6 – El Nido, Los Banos – Oro Loma – Canal 70 kV Power Line
Sources: Land cover generated using ESRI ArcGIS versions 10.4 from data gathered during field surveys and aerial photo interpretation using NAIP and Google Earth aerial imagery dated 2014; Authority and FRA, 2016a

**Figure H-15 Plant Communities and Land Cover Types in the Habitat Study Area**
Site 6 – El Nido, Los Banos – Oro Loma – Canal 70 kV Power Line
Figure H-16 Plant Communities and Land Cover Types in the Habitat Study Area
Site 6 – El Nido, Los Banos – Oro Loma – Canal 70 kV Power Line

Sources: Land cover generated using ESRI ArcGIS versions 10.4 from data gathered during field surveys and aerial photo interpretation using NAIP and Google Earth aerial imagery dated 2014; Authority and FRA, 2015a
Sources: Land cover generated using ESRI ArcGIS versions 10.4 from data gathered during field surveys and aerial photo interpretation using NAIP and Google Earth aerial imagery dated 2014; Authority and FRA, 2016a

Figure H-17 Plant Communities and Land Cover Types in the Habitat Study Area
Site 6 – El Nido, Los Banos – Oro Loma – Canal 70 kV Power Line
Figure H-18 Plant Communities and Land Cover Types in the Habitat Study Area

Site 6 – El Nido, Los Banos – Oro Loma – Canal 70 kV Power Line and Panoche Junction – Oro Loma 115 kV Power Line

Sources: Land cover generated using ESRI ArcGIS versions 10.4 from data gathered during field surveys and aerial photo interpretation using NAIP and Google Earth aerial imagery dated 2014; Authority and FRA, 2016a
Sources: Land cover generated using ESRI ArcGIS versions 10.4 from data gathered during field surveys and aerial photo interpretation using NAIP and Google Earth aerial imagery dated 2014, Authority and FRA, 2016a

Figure H-19 Plant Communities and Land Cover Types in the Habitat Study Area
Site 6 – El Nido, Panoche Junction – Oro Loma 115 kV Power Line
Figure H-20 Plant Communities and Land Cover Types in the Habitat Study Area
Site 6 – El Nido, Panoche Junction – Oro Loma 115 kV Power Line
Sources: Land cover generated using ESRI ArcGIS versions 10.4 from data gathered during field surveys and aerial photo interpretation using NAIP and Google Earth aerial imagery dated 2014; Authority and FRA, 2016a

Figure H-21 Plant Communities and Land Cover Types in the Habitat Study Area
Site 6 – El Nido, Panoche Junction – Oro Loma 115 kV Power Line
Figure H-22 Plant Communities and Land Cover Types in the Habitat Study Area
Site 6 – El Nido, Panoche Junction – Oro Loma 115 kV Power Line

Sources: Land cover generated using ESRI ArcGIS versions 10.4 from data gathered during field surveys and aerial photo interpretation using NAIP and Google Earth aerial imagery dated 2014; Authority and FRA, 2016a
Sources: Land cover generated using ESRI ArcGIS versions 10.4 from data gathered during field surveys and aerial photo interpretation using NAIP and Google Earth aerial imagery dated 2014; Authority and FRA, 2016a

Figure H-23 Plant Communities and Land Cover Types in the Habitat Study Area
Site 6 – El Nido, Panoche Junction – Oro Loma 115 kV Power Line
Appendix H

March 2018
California High-Speed Rail Authority Project Environmental Document

Page | H-24
Merced to Fresno Section: Central Valley Wye Supplemental Checkpoint C Summary Report

Figure H-24 Plant Communities and Land Cover Types in the Habitat Study Area
Site 6 – El Nido, Panoche Junction – Oro Loma 115 kV Power Line

Sources: Land cover generated using ESRI ArcGIS versions 10.4 from data gathered during field surveys and aerial photo interpretation using NAIP and Google Earth aerial imagery dated 2014; Authority and FRA, 2015a

FINAL – DECEMBER 2016
Sources: Land cover generated using ESRI ArcGIS versions 10.4 from data gathered during field surveys and aerial photo interpretation using NAIP and Google Earth aerial imagery dated 2014; Authority and FRA, 2016a

**Figure H-25** Plant Communities and Land Cover Types in the Habitat Study Area
Site 7 – Wilson, Wilson Substation and 230 kV Tie Line
Figure H-26 Plant Communities and Land Cover Types in the Habitat Study Area
Site 7 – Le Grand Junction/Sandy Mush Road, Dutchman Switching Station and 115 kV Tie-Line

Sources: Land cover generated using ESRI ArcGIS versions 10.4 from data gathered during field surveys and aerial photo interpretation using NAIP and Google Earth aerial imagery dated 2014; Authority and FRA, 2016a

FINAL – DECEMBER 2016
Sources: Land cover generated using ESRI ArcGIS versions 10.4 from data gathered during field surveys and aerial photo interpretation using NAIP and Google Earth aerial imagery dated 2014; Authority and FRA, 2016a.

Figure H-27 Plant Communities and Land Cover Types in the Habitat Study Area
Site 7 – Le Grand Junction/Sandy Mush Road, 115 kV Tie-Line
Figure H-28 Plant Communities and Land Cover Types in the Habitat Study Area
Site 7 – Le Grand Junction/Sandy Mush Road, Wilson – Dairyland (idle) 115 kV Power Line

Sources: Land cover generated using ESRI ArcGIS versions 10.4 from data gathered during field surveys and aerial photo interpretation using NAIP and Google Earth aerial imagery dated 2014; Authority and FRA, 2016a
Sources: Land cover generated using ESRI ArcGIS versions 10.4 from data gathered during field surveys and aerial photo interpretation using NAIP and Google Earth aerial imagery dated 2014; Authority and FRA, 2016a

Figure H-29 Plant Communities and Land Cover Types in the Habitat Study Area
Site 7 – Le Grand Junction/Sandy Mush Road, Wilson – Dairyland (idle) 115 kV Power Line
Figure H-30 Plant Communities and Land Cover Types in the Habitat Study Area
Site 7 – Le Grand Junction/Sandy Mush Road, Wilson – Dairyland (idle) 115 kV Power Line

Sources: Land cover generated using ESRI ArcGIS versions 10.4 from data gathered during field surveys and aerial photo interpretation using NAIP and Google Earth aerial imagery dated 2014; Authority and FRA, 2016a

FINAL – DECEMBER 2016
Sources: Land cover generated using ESRI ArcGIS versions 10.4 from data gathered during field surveys and aerial photo interpretation using NAIP and Google Earth aerial imagery dated 2014; Authority and FRA, 2016a

Figure H-31 Plant Communities and Land Cover Types in the Habitat Study Area Site 7 – Le Grand Junction/Sandy Mush Road, Wilson – Dairyland (idle) 115 kV Power Line
Figure H-32 Plant Communities and Land Cover Types in the Habitat Study Area
Site 7 – Le Grand Junction/Sandy Mush Road, Warnerville – Wilson 230 kV Transmission Line

Sources: Land cover generated using ESRI ArcGIS versions 10.4 from data gathered during field surveys and aerial photo interpretation using NAIP and Google Earth aerial imagery dated 2014; Authority and FRA, 2016a
Figure H-33 Plant Communities and Land Cover Types in the Habitat Study Area
Site 7 – Le Grand Junction/Sandy Mush Road, Warnerville – Wilson 230 kV Transmission Line

Sources: Land cover generated using ESRI ArcGIS versions 10.4 from data gathered during field surveys and aerial photo interpretation using NAIP and Google Earth aerial imagery dated 2014; Authority and FRA, 2016a
Figure H-34 Plant Communities and Land Cover Types in the Habitat Study Area
Site 7 – Le Grand Junction/Sandy Mush Road, Warnerville – Wilson 230 kV Transmission Line

Sources: Land cover generated using ESRI ArcGIS versions 10.4 from data gathered during field surveys and aerial photo interpretation using NAIP and Google Earth aerial imagery dated 2014; Authority and FRA, 2016a
Sources: Land cover generated using ESRI ArcGIS versions 10.4 from data gathered during field surveys and aerial photo interpretation using NAIP and Google Earth aerial imagery dated 2014; Authority and FRA, 2016a

Figure H-35 Plant Communities and Land Cover Types in the Habitat Study Area
Site 7 – Le Grand Junction/Sandy Mush Road, Warnerville – Wilson 230 kV Transmission Line
Appendix H

March 2018

California High-Speed Rail Authority Project Environmental Document

Page | H-36

Merced to Fresno Section: Central Valley Wye Supplemental Checkpoint C Summary Report

Figure H-36 Plant Communities and Land Cover Types in the Habitat Study Area
Site 7 – Le Grand Junction/Sandy Mush Road, Warnerville – Wilson 230 kV Transmission Line

Sources: Land cover generated using ESRI ArcGIS versions 10.4 from data gathered during field surveys and aerial photo interpretation using NAIP and Google Earth aerial imagery dated 2014; Authority and FRA, 2016a

FINAL – DECEMBER 2016
Sources: Land cover generated using ESRI ArcGIS versions 10.4 from data gathered during field surveys and aerial photo interpretation using NAIP and Google Earth aerial imagery dated 2014; Authority and FRA, 2016a

Figure H-37 Plant Communities and Land Cover Types in the Habitat Study Area
Site 7 – Le Grand Junction/Sandy Mush Road, Warnerville – Wilson 230 kV Transmission Line
Figure H-38 Plant Communities and Land Cover Types in the Habitat Study Area
Site 7 – Le Grand Junction/Sandy Mush Road, Warnerville – Wilson 230 kV Transmission Line

Sources: Land cover generated using ESRI ArcGIS versions 10.4 from data gathered during field surveys and aerial photo interpretation using NAIP and Google Earth aerial imagery dated 2014; Authority and FRA, 2016a
Sources: Land cover generated using ESRI ArcGIS versions 10.4 from data gathered during field surveys and aerial photo interpretation using NAIP and Google Earth aerial imagery dated 2014; Authority and FRA, 2016a

Figure H-39 Plant Communities and Land Cover Types in the Habitat Study Area
Site 7 – Le Grand Junction/Sandy Mush Road, Warnerville – Wilson 230 kV Transmission Line
Figure H-40 Plant Communities and Land Cover Types in the Habitat Study Area
Site 7 – Le Grand Junction/Sandy Mush Road, Warnerville – Wilson 230 kV Transmission Line

Sources: Land cover generated using ESRI ArcGIS versions 10.4 from data gathered during field surveys and aerial photo interpretation using NAIP and Google Earth aerial imagery dated 2014; Authority and FRA, 2016a

FINAL – DECEMBER 2016
Appendix H

Sources: Land cover generated using ESRI ArcGIS versions 10.4 from data gathered during field surveys and aerial photo interpretation using NAIP and Google Earth aerial imagery dated 2014; Authority and FRA, 2016a

**Figure H-41 Plant Communities and Land Cover Types in the Habitat Study Area**

Site 7 – Le Grand Junction/Sandy Mush Road, Warnerville – Wilson 230 kV Transmission Line
Figure H-42 Plant Communities and Land Cover Types in the Habitat Study Area
Site 7 – Le Grand Junction/Sandy Mush Road, Warnerville – Wilson 230 kV Transmission Line

Sources: Land cover generated using ESRI ArcGIS versions 10.4 from data gathered during field surveys and aerial photo interpretation using NAIP and Google Earth aerial imagery dated 2014; Authority and FRA, 2016a

FINAL – DECEMBER 2016
Sources: Land cover generated using ESRI ArcGIS versions 10.4 from data gathered during field surveys and aerial photo interpretation using NAIP and Google Earth aerial imagery dated 2014; Authority and FRA, 2016a

Figure H-43 Plant Communities and Land Cover Types in the Habitat Study Area
Site 7 – Le Grand Junction/Sandy Mush Road, Warnerville – Wilson 230 kV Transmission Line
Figure H-44 Plant Communities and Land Cover Types in the Habitat Study Area
Site 7 – Le Grand Junction/Sandy Mush Road, Warnerville – Wilson 230 kV Transmission Line

Sources: Land cover generated using ESRI ArcGIS versions 10.4 from data gathered during field surveys and aerial photo interpretation using NAIP and Google Earth aerial imagery dated 2014; Authority and FRA, 2016a
Figure H-45 Plant Communities and Land Cover Types in the Habitat Study Area
Site 7 – Le Grand Junction/Sandy Mush Road, Warnerville – Wilson 230 kV Transmission Line

Sources: Land cover generated using ESRI ArcGIS versions 10.4 from data gathered during field surveys and aerial photo interpretation using NAIP and Google Earth aerial imagery dated 2014; Authority and FRA, 2016a