Online data sources available as of 9/23/2021 used in the drafting of Kyle Evans’ written testimony for Phase 1 Trial in *Santa Barbara Channelkeeper v. State Water Resources Control Board, et al.*, Los Angeles County Superior Court, Case No. 19STCP01176.

1. Southern California Steelhead Critical Habitat – National Marine Fisheries Service
   1. Data Type: GIS Shape File
   2. <https://www.fisheries.noaa.gov/resource/map/critical-habitat-salmon-and-steelhead-all-west-coast>
   3. Critical habitat defined by NMFS includes specific areas within the geographical area occupied by the species at the time of listing that contain physical or biological features essential to conservation of the species and that may require special management considerations or protection; also includes specific areas outside the geographical area occupied by the species if the agency determines that the area itself is essential for conservation.
2. California Red-legged Frog Critical Habitat – United States Fish and Wildlife Service (USFWS)
   1. Data Type: GIS Shapefile
   2. <https://ecos.fws.gov/ecp/report/table/critical-habitat.html>
      1. Federal Registrar Publication - <https://www.govinfo.gov/content/pkg/FR-2010-03-17/pdf/2010-4656.pdf#page=2>
   3. Critical habitat is defined in the USFWS federal registrar as, “areas of high-quality habitat that we determined provide for persistence of California red-legged frog populations and allow for dispersal within, and in most cases between, populations.”
3. California Wildlife Habitat Relationships – California Department of Fish and Wildlife (CDFW)
   1. Data Type: GIS Shapefile & Table Data
   2. <https://wildlife.ca.gov/Data/CWHR>
   3. The California Wildlife Habitat Relationship (CWHR) System contains life history, geographic range, and management information for 712 species of amphibians, reptiles, birds, and mammals that occur within the state. It also contains detailed information on 59 habitat types and their spatial distribution. The core of the CWHR system is a database which relates these species to each of the habitats which support them, and an intuitive user interface enabling users to query this information. CWHR products aid in understanding, conserving, and managing California's wildlife.
4. Biogeographic Information and Observation System (BIOS) - California Department of Fish and Wildlife (CDFW)
   1. Data Type: Online Portal & downloads
   2. <https://wildlife.ca.gov/Data/BIOS>
   3. BIOS is a system designed to enable the management, visualization, and analysis of biogeographic data collected by the California Department of Fish and Wildlife and its [Partner Organizations](https://wildlife.ca.gov/Data/BIOS/Partners). In addition, BIOS facilitates the sharing of those data within the BIOS community. BIOS integrates GIS, relational database management, and ESRI's ArcGIS Server technology to create a statewide, integrated information management tool that can be used on any computer with access to the Internet.
5. EBird
   1. Data Type: Online Portal
   2. <https://ebird.org/home>
   3. A joint project by the Cornell Lab of Ornithology and Audubon, eBird is a free online program that allows birders to track their sightings, while other birders watch and search in real-time.
6. INaturalist
   1. Data Type: Online Portal
   2. <https://www.inaturalist.org/>
   3. A collaborative crowdsourced species identification system and an organism occurrence  
      recording tool working in cooperation with the California Academy of Sciences and a joint initiative with National Geographic Society.