**Description of data fields (columns) in the frog resurvey dataset: Data.csv**

*unlabeled column*: identifier for each of the 7678 surveys conducted during the study

**site**: identifier for each of the 2154 water bodies surveyed during the study

**cell**: identifier for the hexagonal grid cell in which the water body was located

**adult**: number of adult *R. sierrae* (SVL ≥40 mm) observed during survey

**tadpole**: number of *R. sierrae* tadpoles observed during survey

**subadult**: number of subadult (=juvenile) *R. sierrae* observed during survey

**water**: precipitation amount (snowfall) during the previous winter (Table S1)

**year**: year in which survey was conducted, 1993-2012

**date**: number of days since January 1

**fish**: presence (1) or absence (0) of introduced (non-native) trout

**depth**: maximum water body depth, standardized to have mean of 0 and standard deviation of 1

**elev**: elevation above sea level, standardized to have mean of 0 and a standard deviation of 1

**basin**: watershed in which the water body is located: Tuolumne (0), Merced (1)