Documentation of data collected on fruit production per plant in long-term study of population dynamics of Clarkia xantiana ssp. xantiana at 35 populations in the Kern River Valley, California, USA from 2006 to 2017.

At each site, in each year, the number of fruits per plant was recorded on up to 150 plants per population. From 2006-2012, fruit number per plant was scored as the sum of undamaged fruits plus the "undamaged fruit equivalents" of damaged fruit. For example, if a plant had 2 damaged fruits, where half of each fruit was missing, the number of undamaged fruit equivalents was scored as 1, and added to the number of undamaged fruits. From 2013-2017, undamaged and damaged fruits were scored separately.

Data File Name: "Datafile_Fruit_Number_per_Plant.csv"

Column heading definitions:

Site: Site Acronym (population acronym)
Site_Name: Full site name
Year: year data were collected
Undamaged_Fruit_Number_per_Plant: number of undamaged fruits on a plant
Damaged_Fruit_Number_per_Plant: number of undamaged fruits on a plant; NA for 2006 to 2012
Permanent_Plot?: Boolean variable indicating plant was growing in one of 30 permanent plots at one of the 20 sites where detailed demography studies were conducted (T=true, F=false)
Demography?: Boolean variable indicating whether population is included in detailed demography study (T=true, F=false)

Dataset Citation: Moeller, David A; Geber, Monica A; Eckhart, Vince M. (2017). Fruit Production Per Plant in Long-Term Study of Population Dynamics of Clarkia xantiana ssp. xantiana at 35 Populations in the Kern River Valley, California, USA from 2006 to 2017. Retrieved from the Data Repository for the University of Minnesota, https://doi.org/10.13020/D69W9K.