Earth Syst. Sci. Data Discuss., editor comment EC1
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Review on essd-2020-347

Dirk Fleischer (Editor)

Editor comment on "Long-term phenological data set of multi-taxonomic groups, agrarian activities, and abiotic parameters from Latvia, northern Europe" by Gunta Kalvāne et al., Earth Syst. Sci. Data Discuss., https://doi.org/10.5194/essd-2020-347-EC1, 2021

I have reviewed the manuscript and data set,

The Manuscript provides access to a valuable data set, which was previous only available in analog and local format. The authors have invested in the digitization and the quality assurance of the data set. As a non native speaker I consider the manuscript well written and the description of the data is well structured.

The manuscript includes a well described Quality Assurance procedures and includes a consideration of errors on the technical part of digitization and observation quality. Well appreciated is the approximation of shortcoming to the structure of the datasets, some of which are arising from the initial source of Citizen Science Observations and historical origin of the data. The indications that data come from a time without smart phones including a GPS positioning or even without a GPS system at all becomes important to the upcoming generations. The authors included all these considerations in their manuscript additonal with examples of different purposes the data set could be applied to.

The dataset is easy applicable and the visualization of the indivdual observations is straight forward. The timeseries of some observations clearly show the global trend of climat change by decreasing "day of year" for some of the observed phenomena.

The reference section need to be better structured, for the further processing of the manuscript. The separation of the individual references could be better formated