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## A new improved database to support spanish phenological observations

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Since the last 30 years, phenology has regained scientific interest as the most reported biological indicator of anthropogenic climate change. AEMET (Spanish National Meteorological Agency) has long records in the field of phenological observations, since the 1940s. However, there is a large variety of paper records which are necessary to digitalize. On the other hand, it had been necessary to adapt our methods to the World Meteorological Organization (WMO) guidelines (BBCH code, data documentation- metadata...) and to standardize phenological stages and species in order to provide information to PEP725 (Pan European Phenology Database). Consequently, AEMET is developing a long-term, multi-taxa phenological database to support research and scientific studies about climate, their variability and influence on natural ecosystems, agriculture, etc. This paper presents the steps that are being carried out in order to achieve this goal.