
Historical Phenology in Central Europe

Seasonality and Climate During the Past 500 Years

This Rutishauser



Historical Phenology in Central Europe

Seasonality and Climate During the Past 500 Years.

This Rutishauser

152 p., 43 fig., 13. tab. CHF 32.-

Geographica Bernensia, Bern 2009, G 82, ISBN 978-3-905835-20-5

Winter and spring temperature increase of the past five decades has led to a significant advance of the spring phenology of many species and phases. Flowering and budburst of many trees, shrubs and herbs have advanced up to two weeks. The extraordinary warm autumn 2006 and spring 2007 left their imprint on plant phenology: some plant species had a partial second flowering at the end of the year or extended the flowering until the beginning of winter, and species that typically flower in early spring flowered distinctly earlier after the winter 2007.

This book shows methods for the application of historical phenological observations to reconstruct spring plant phenology in central Europe of the past 500 years and to see recent changes in the light of centennial changes. The wealth of documentary sources offers the possibility for the studying the impact of climate change on the plant phenological variability.

Seven independent articles first printed in peer-reviewed scientific journals, a comprehensive introductory section and a chapter on Growing Degree Modelling experiments on decadal scales are combined to a state-of-the-art overview over the field of historical phenology. This collection was first accepted as a PhD thesis at the University of Bern in December 2007. It is also a result of four decades of interdisciplinary historical climatological research that has been pursued at the Institutes of Geography and History at the University of Bern.

Bestelltalon:

Bitte senden Sie mir Exemplare

Historical Phenology in Central Europe

Seasonality and Climate During the Past 500 Years.

This Rutishauser

Geographica Bernensia, Band G 82

ISBN 978-3-905835-20-5

Preis: CHF 32.-

Name:

Institution:

Adresse:

PLZ / Ort:

Datum:

Unterschrift:

Senden an: GEOGRAPHICA BERNENSIA
Hallerstrasse 12
CH-3012 Bern
waelti@giub.unibe.ch
FAX 031 631 85 11