

1. Record Nr.	UNINA9910437630503321
Titolo	The changing status of arable habitats in Europe : a nature conservation review // Clive Hurford, Phil Wilson, Jonathan Storkey, editors
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2020] Â©2020
ISBN	3-030-59875-6
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XV, 364 p. 134 illus., 114 illus. in color.)
Disciplina	333.76094
Soggetti	Land use, Rural - Europe
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Part I. Introduction -- Chapter 1. Historical and Ecological Background to the Arable Habitats of Europe (Chris Stoate) -- Part II. Regional Conservation Reviews of arable plant habitats -- Chapter 2. A weed's eye view of arable habitats (Jonathan Storkey) -- Chapter 3. The status of arable plant habitats in Northwestern Europe (Guillaume Fried) -- Chapter 4. The status of arable plant habitats in Scandinavian countries (Terho Hyvonen) -- Chapter 5. The status of arable plant habitats in Central Europe (Stefan Meyer) -- Chapter 6. The status of arable plant habitats in Eastern Europe (Gyula Pinke) -- Chapter 7. The arable flora of Mediterranean agricultural systems in the Iberian Peninsula: current status, threats and perspectives (Jordi Recasens) -- Chapter 8. The status of arable plant habitats in Greece – the cradle of arable farming in Europe (Stefan Meyer) -- Part III. Research and Surveillance Projects -- Chapter 9. Soil organisms within arable habitats (Felicity Crotty) -- Chapter 10. Agricultural intensification, sustainable farming and the fate of arable bryophytes in Switzerland (Irene Bisang) -- Chapter 11. Invertebrate trends in an arable environment: long-term changes from the Sussex Study in Southern England (Julie Ewald) -- Chapter 12. Ex situ conservation and reintroduction of vulnerable arable plants in Skåne, Sweden (Gabrielle Rosquist) -- Chapter 13. Wild pollinators in arable habitats: trends, threats and opportunities (Mark JF Brown) -- Chapter 14. Designing multifunctional and resilient agricultural landscapes: lessons from long-term monitoring of biodiversity and

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## Sommario/riassunto

This edited volume documents the current nature conservation status of arable habitats in Europe. Arable farming systems have evolved in the European landscape over more than ten thousand years and now occupy nearly 30% of the European land area. They support species that have life cycles closely synchronised with traditional cereal growing, many of which have experienced massive declines throughout Europe. For example, in Britain, of the 100 plant species exhibiting the greatest declines in the latter half of the 20th century, 47 were typical of arable land. Despite this the habitat and many of the species associated with it remains unprotected across much of Europe. In 22 chapters a range of topics are covered including: · Regional accounts describing the impact of changing agricultural practices on the arable flora; · The results of research and surveillance projects on the soil organisms, bryophyte flora, invertebrate fauna and pollinators of arable habitats; · The potential for designing multifunctional and resilient agricultural landscapes; · The use of ex situ conservation to aid the reintroduction of rare arable plants; · Case studies illustrating how changing agricultural practices have impacted on bird populations in Europe; · The roles of remote sensing in monitoring agricultural systems; · How agri-environment schemes can help restore the biodiversity in arable habitats; and · A look forward at ways to help ensure the future security of the species associated with arable habitats. It is clear that the biodiversity of arable land throughout Europe has undergone major changes, particularly during the second half of the 20th century, and that these changes are continuing into the 21st century. We need to develop a deeper appreciation of farmland wildlife and its integration into farming systems to ensure its future security in a world where value is increasingly expressed in terms of material profit. This book is particularly relevant to practitioners, policy-makers and managers working in the fields of nature conservation, agri-environment schemes and land management, and to researchers working in the fields of conservation biology, terrestrial ecology, nature conservation, applied ecology, biodiversity, agriculture, agricultural ethics and environmental studies. .

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