

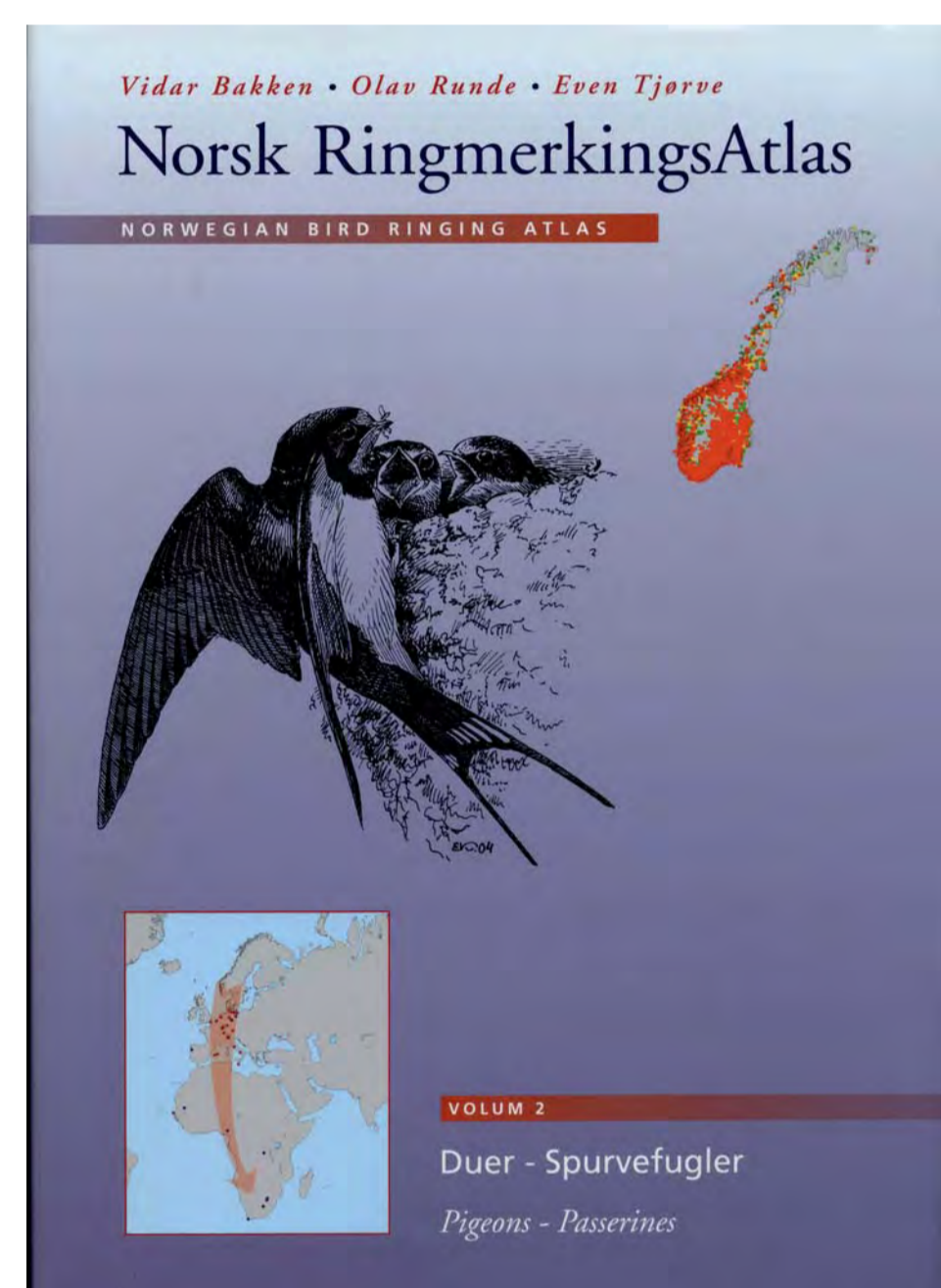
Euring

Co-ordinating bird ringing throughout Europe

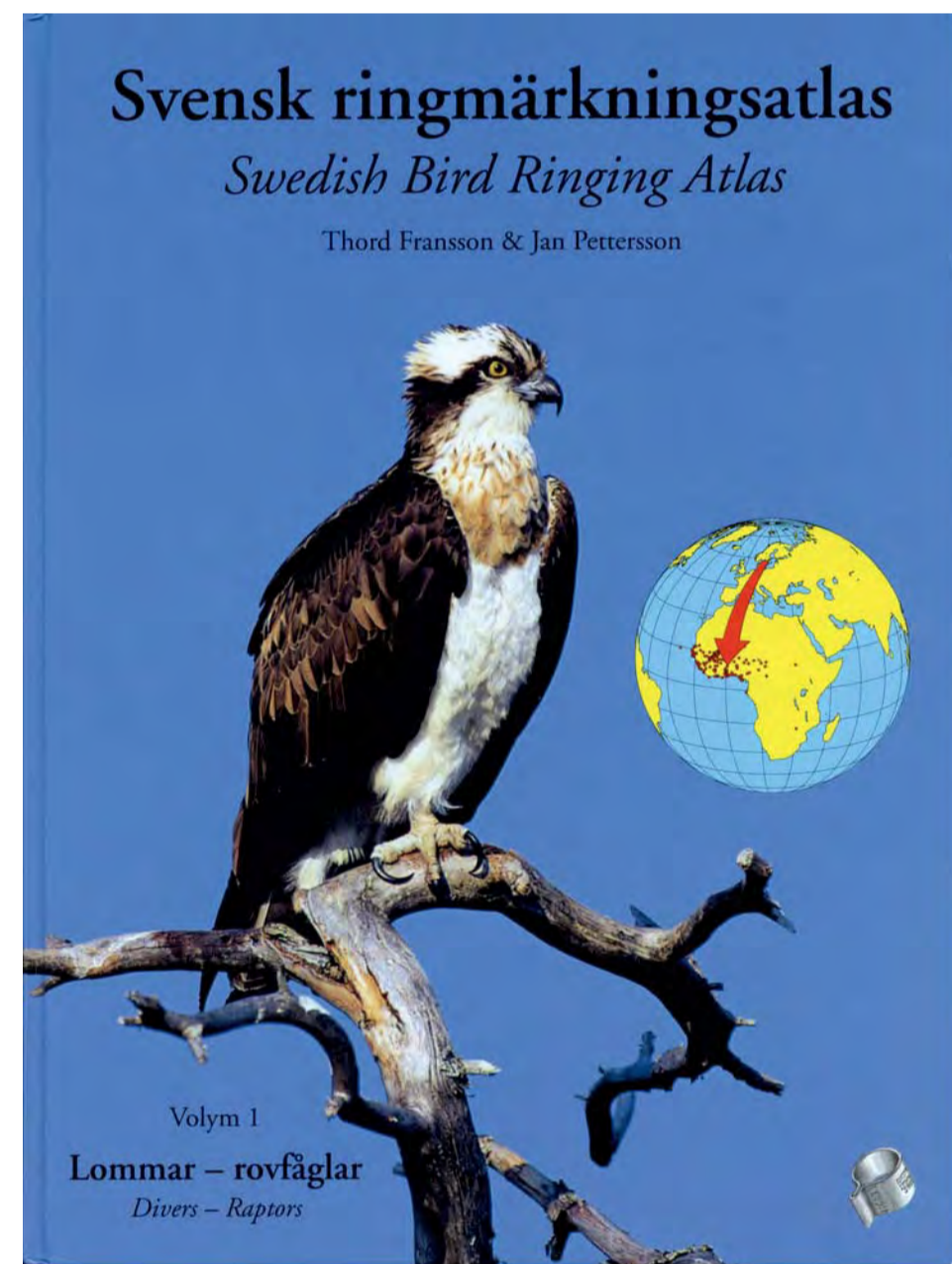
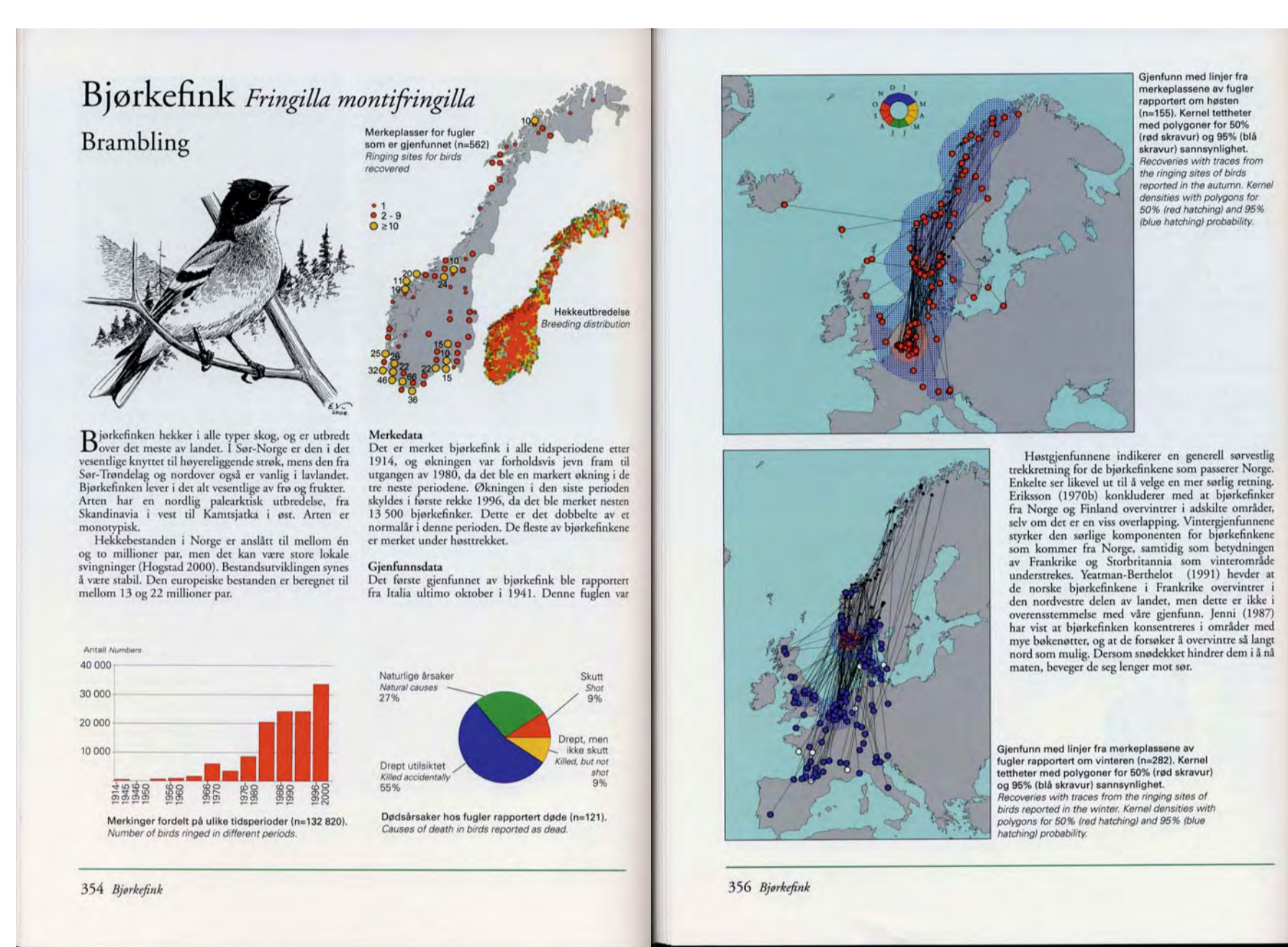


Migration Atlases

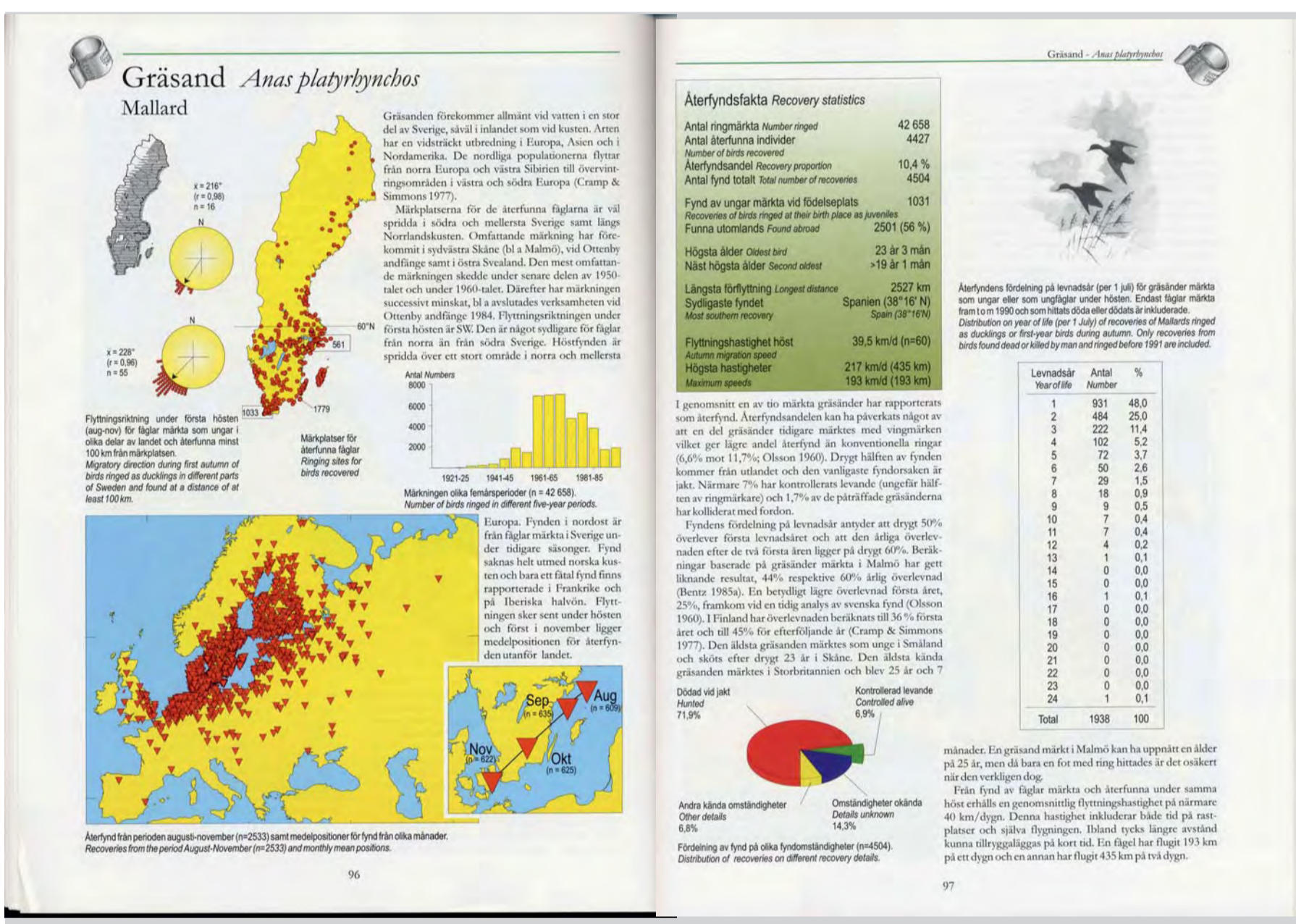
The first migration atlas in Europe has been published by Schüz & Weigold in 1931. The 5 volumes of the ZINK atlas followed in the 1975 to 1995. Recently a number of EURING member schemes have published new atlases with ring recovery data or started to work on such atlas projects. The new atlases make much use of modern methods like GIS technology, powerful database operations and new statistical approaches. They provide basic information for an immense number of other studies from bird distribution through bird migration to conservation and even disease management, as illustrated by recent research on avian flu.



Bird Migration Atlas for Norway



Bird Migration Atlas for Sweden



Published atlases (Selection)

Britain and Ireland: The Migration Atlas: movements of the birds of Britain and Ireland. Wernham C.V., Toms M.P., Marchant J.H., Clark J.A., Siriwardena G.M. & Baillie S.R. (eds.) 2002. Poyser, London.

Czech and Slovak: Atlas migrace ptáku České a Slovenské Republiky [Czech and Slovak bird migration atlas]. Cepák, J., Klvan(a, P., Škopek, L., Schröpfer, L., Jelínek, M., Hor(ák, D., Formánek, J. & Zárybnický, J. Aventinum, 2008.

Denmark: Dansk Trækfugleatlas [The Danish Bird Migration Atlas]. Bønløkke, J., Madsen, J.J., Thorup, K., Pedersen, K.T., Bjerrum, M. & Rahbek, C. 2006 Rhodos, Humlebæk, Denmark.

Hungary: Hungarian Bird Migration Atlas. Magyar madárvonulási atlasz Csörgö T., Karcza Zs., Halmos G., Magyar G., Gyurác J., Szép T., Bankovics A., Schmidt A. & Schmidt E. 2009. Kossuth Kiadó, Budapest

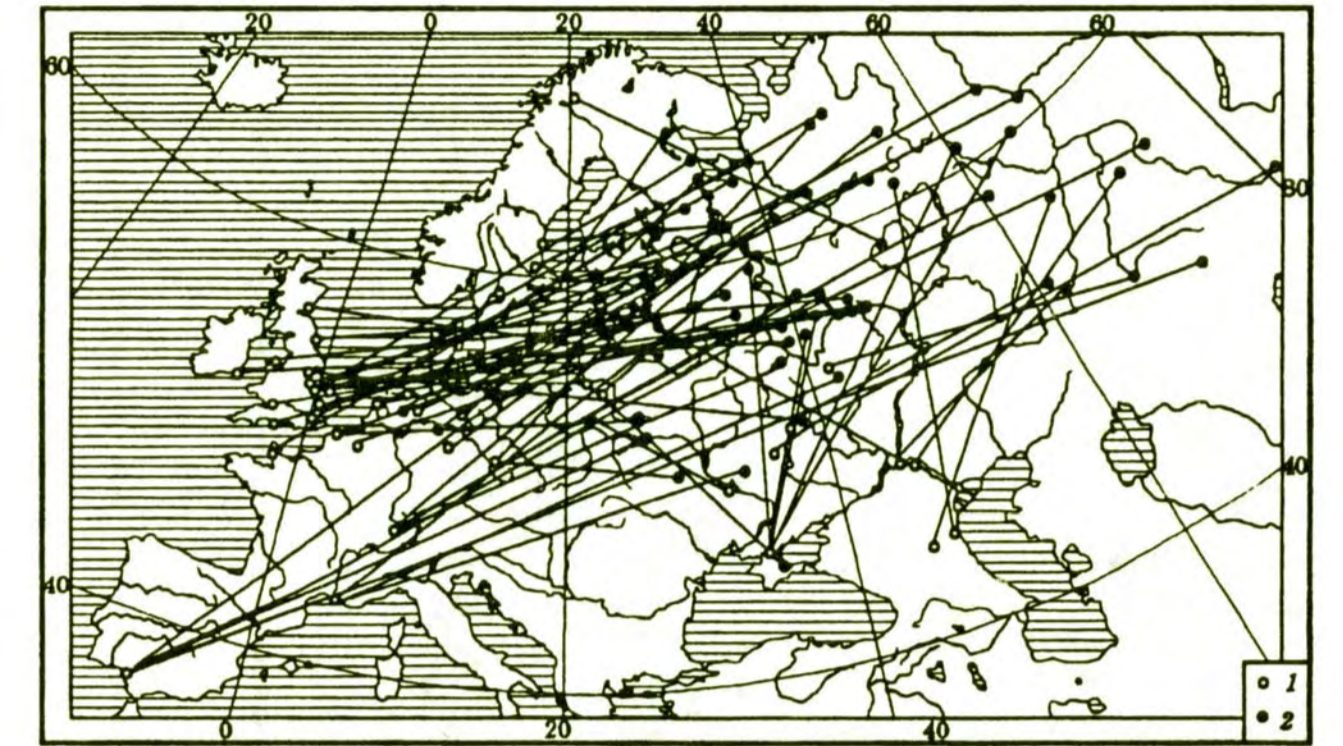
Italy: Italian Bird Migration Atlas. Spina F., Volponi S., 2008 – Atlante della Migrazione degli Uccelli in Italia. Vol. 1: non-Passeriformi. ISPra – MATTM, Roma, pp. 800.; Vol. 2: Passeriformi. ISPra – MATTM, Roma, pp. 629.

Norway: Norsk RingmerkingAtlas. [Norwegian Bird Ringing Atlas (Volume 1+2)]. Bakken V., Runde O. & Tjørve E. 2003. Stavanger, Stavanger Museum

Sweden: Svensk ringmärkningsatlas [Swedish Bird Ringing Atlas (Volume 1-3)]. Fransson T. & Pettersson J./ Fransson T. & Hall-Karlsson S. Larsson P 2001-2008. Stockholm.

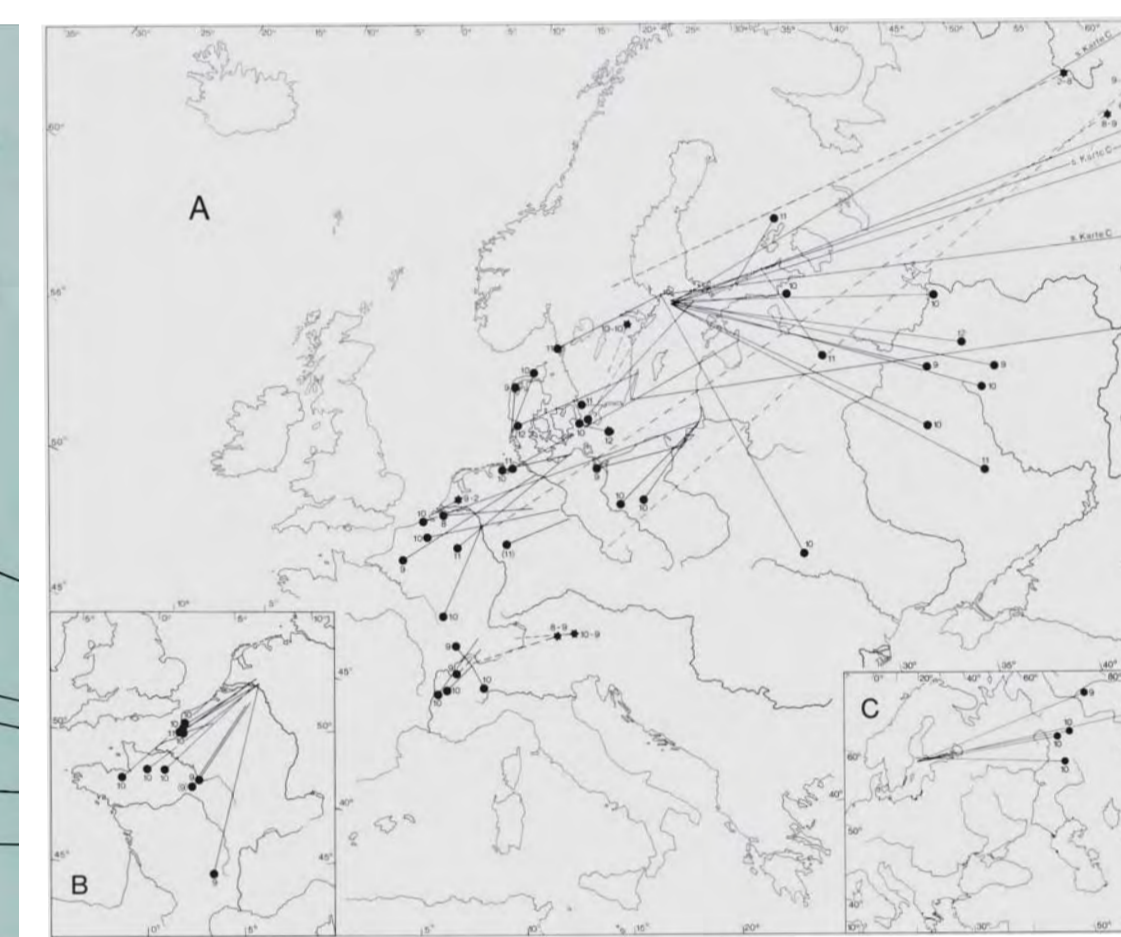


First migration map of White Storks *Ciconia ciconia*, ca. 1930, Vogelwarte Rossitten



Р и с. 29. Anas platyrhynchos. Размещение неспрямых встреч (>1000 км) с апреля по ноябрь в немигрирующем направлении (сектор азимутов 315-135 град.) птиц, окольцованных молодыми в различных регионах Европы

From Bianki & Dobrynina (1997): Migrations of Birds of eastern Europe and northern Asia. Anseri-formes. Nauka, Moskau.



From Zink (1987). Example shows a recovery map of the Nutcracker (*Nucifraga caryocatactes*)

Atlases in preparation

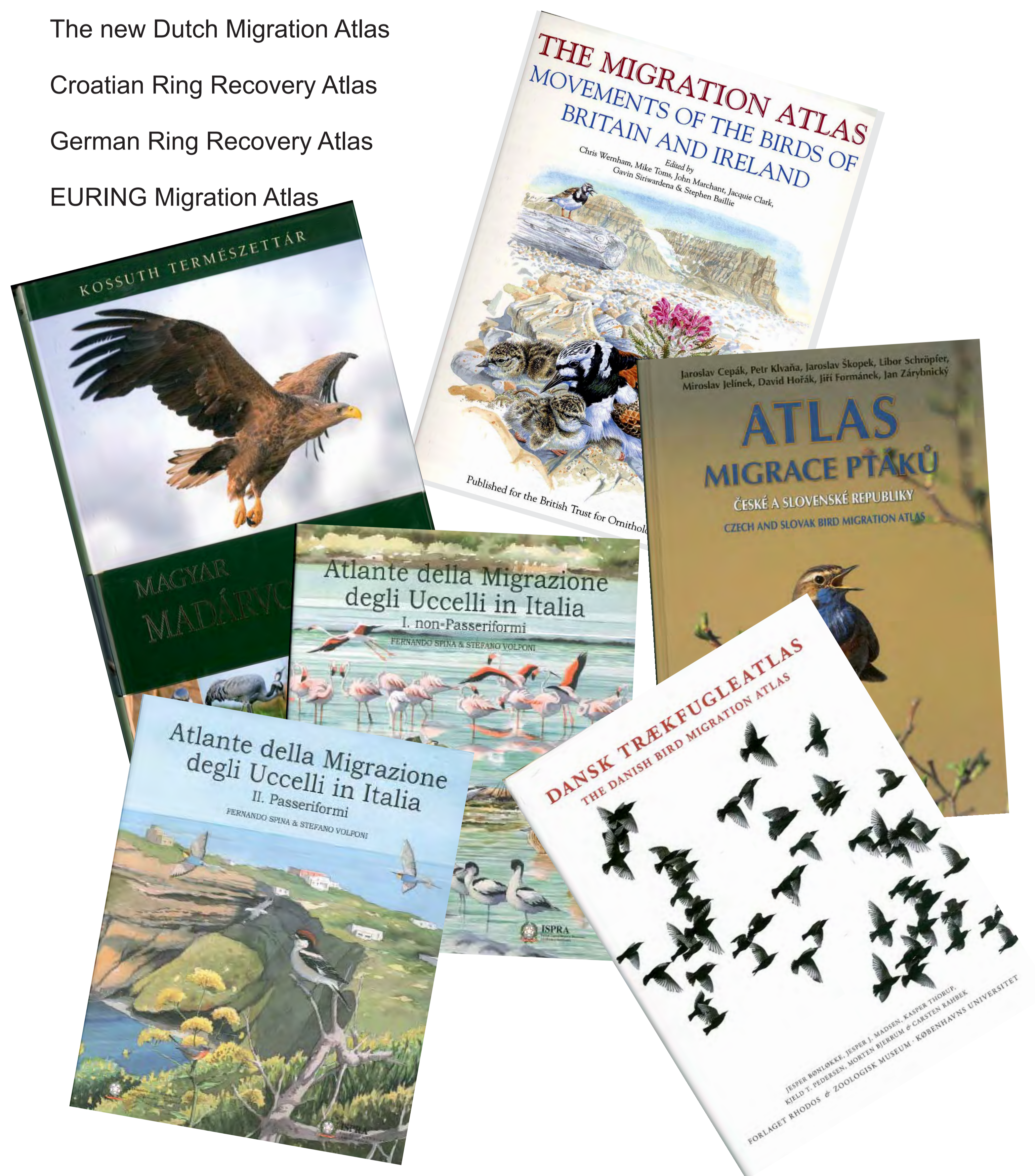
The Finnish Ring Recovery Atlas

The new Dutch Migration Atlas

Croatian Ring Recovery Atlas

German Ring Recovery Atlas

EURING Migration Atlas



Poster by Wolfgang Fiedler with helpful comments and suggestions by Dawn Balmer and Stephen Baillie. Scans from the atlas pages authorized by the authors or editors.