

Tendencia espacio-temporal de la distribución de las aves acuáticas invernantes en España (1990-2009)

Spatio-temporal distribution trends of wintering birds in Spain (1990-2009)

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Iberian Peninsula is an important wintering area for West European waterfowl. Autonomous Region efforts to know the number of birds that visit each peninsular wetlands every year, are reflected in a set of available census from 1990 which are compiled by Spanish Ministry of Environment and Ornithology Spanish Society (SEO/Birdlife). In present work, annual growth trends of total number of birds and species have been extracted from those data for each of more than 2000 wetlands all over of Spain with available census in period 1990-2009, dividing it into two distinct parts that allow us to study the changes in trends between decades. Also, is realized a cartographic treatment of data, which allows to see in different maps spatial patterns of that trend related to data distribution.

Key words: Trends; wintering; cartography; distribution; Spain.