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## ZIMOWANIE PTAKÓW W ZADRZEWIENIACH ŚRÓDPOLNYCH W ŁAGOWSKIM PARKU KRAJOBRAZOWYM I OTULINIE (WOJ. LUBUSKIE) W SEZONIE 2007-2008

### Wintering of birds in midfield tree stretches in Łagowski Landscape Park and its buffer zone (Lubuskie Province) in the season 2007-2008

#### Abstract

Observations of birds wintering in the midfield tree strips were carried out in the winter season of 2007-2008 in the farmland areas of Łagowski Landscape Park and the adjacent grounds. The research was done in chosen transects along midfield roads of 4.40 and 2.55 km in length. The surroundings of the midfield roads were varied and included well kept arable grounds and long time abandoned land.

Altogether 37 bird species were recorded. The chief dominant was the bunting *Emberiza citrinella* whose participation in the trees surrounded with abandoned land exceeded fifty per cent while along the cultivated fields it was merely above twenty five per cent. Other species, whose participation exceeded 5 per cent of all communities, were the fieldfare *Turdus pilaris* and the great titmouse *Parus major* as well as the jay *Garrulus glandarius* and the tree sparrow *Passer montanus*. The total average density per 1 km length of forest was 44.2 individual, while converted to area it was 15.2 individual per hectare per 1 check. The birds which may be considered characteristic of the midfield tree stretches in the Park in the study period include the fieldfare *Turdus pilaris*, the mistle thrush *Turdus viscivorus*, the northern bullfinch *Pyrrhula pyrrhula* and the redpoll *Carduelis flammea*.

KEY WORDS: agricultural landscape, bird wintering in tree stretches

#### Wstęp

Krajobraz rolniczy w Polsce w okresie ostatnich 20 lat ulega bardzo dynamicznie przebiegającym zmianom. Główne cechy tych zmian to początkowe, wieloletnie odłogowanie i zarastanie gruntów roślinnością drzewiastą, a następnie, w momencie uruchomienia dotacji do działalności rolnej, usuwanie zadrzewień w celu przywrócenia