

SUMMARY

Number and density of common redstart *Phoenicurus phoenicurus* in south-western part of Wrocław town

Number of common redstart *Phoenicurus phoenicurus* has particularly decreased in the last several dozen years in Europe. It occurs in naturals as well as secondary broadleaved and mixed forests, pine and fir monocultures, rich in green parts of towns, urban allotments, parks and cemeteries. The paper presents results of research carried on in 1993 and 1997 in Wrocław town. The study area was 25.63 km² (8.5% of the town total surface). The common redstart in the south-western part of Wrocław was unevenly distributed. The number of 27 territorial males were recorded in the study area in 1993; mean density was 1.05 pair per 1 km² (Fig. 1 and 2). Altogether 81% of localities (n=22) was recorded in the area of urban allotments, which occupied only 12% of the study area. The density in urban allotments (8.06 pairs per 1 km²) was nearly 8 times higher than in the whole study area (1.05 pair per 1 km²) and 5 times higher than the density in green parts of the town (parks, cemeteries and forests) (1.6 pair per 1 km²).

Similar number of breeding pairs was recorded during the next mapping of common redstart breeding localities (19 in 1993 and 21 in 1997). Number of pairs in particular localities was also resembling.

The results may indicate the improvement and stable state of common redstart population in Wrocław, against the opinion of some authors who maintained that it disappeared in the 1980's. The density of the species in the south-western part of Wrocław is like in other Polish towns (Tab. 2).