

**Table S6. Habitat utilization and electivity in foraging guilds.**

Cell entries represent the average pairwise values of niche overlap for species in ecological guilds (number of species in parentheses). The left-hand column presents habitat utilization overlap values whereas the right-hand column represents electivity overlap values, which are scaled to account for the areas of different habitats in Denmark. Yellow shading indicates statistically significant overlap in habitat utilization or electivity ( $p < 0.01$  for most analyses). Unshaded entries indicate a pattern that was not statistically significant. None of the foraging guilds exhibited significant segregation in habitat utilization or electivity.

Ecological Guild	Grain size	Utilization Overlap	Electivity Overlap
aquatic pursuers (8)	5 × 5	0.852	0.800
	10 × 10	0.887	0.776
wading birds (6)	5 × 5	0.860	0.585
	10 × 10	0.797	0.615
grazing waterfowl (5)	5 × 5	0.882	0.873
	10 × 10	0.852	0.911
dabbling ducks (7)	5 × 5	0.937	0.903
	10 × 10	0.938	0.905
diving ducks (4)	5 × 5	0.768	0.618
	10 × 10	0.793	0.797
diurnal raptors (12)	5 × 5	0.913	0.764
	10 × 10	0.942	0.866
gallinaceous birds (4)	5 × 5	0.936	0.835
	10 × 10	0.905	0.834
rails (5)	5 × 5	0.980	0.831
	10 × 10	0.99	0.889
plovers (8)	5 × 5	0.725	0.725
	10 × 10	0.667	0.658

sandpipers ( 11)	5 × 5	0.897	0.704
	10 × 10	0.857	0.729
gulls (7)	5 × 5	0.843	0.730
	10 × 10	0.900	0.755
terns (6)	5 × 5	0.806	0.694
	10 × 10	0.820	0.810
pigeons (4)	5 × 5	0.978	0.862
	10 × 10	0.927	0.883
owls (6)	5 × 5	0.936	0.836
	10 × 10	0.916	0.864
woodpeckers (5)	5 × 5	0.970	0.863
	10 × 10	0.978	0.902
aerial insectivores (4)	5 × 5	0.997	0.984
	10 × 10	0.986	0.987
openland insectivores (9)	5 × 5	0.786	0.785
	10 × 10	0.866	0.820
terrestrial & low strata flycatchers (10)	5 × 5	0.890	0.853
	10 × 10	0.931	0.874
thrushes(5)	5 × 5	0.978	0.880
	10 × 10	0.925	0.926
marsh warblers (7)	5 × 5	0.965	0.850
	10 × 10	0.954	0.902
foliage gleaners (12)	5 × 5	0.884	0.870
	10 × 10	0.907	0.841
tit-like birds (12)	5 × 5	0.984	0.934
	10 × 10	0.974	0.937
corvids (7)	5 × 5	0.988	0.954
	10 × 10	0.984	0.960
passerine seedeaters (7)	5 × 5	0.944	0.931
	10 × 10	0.980	0.958