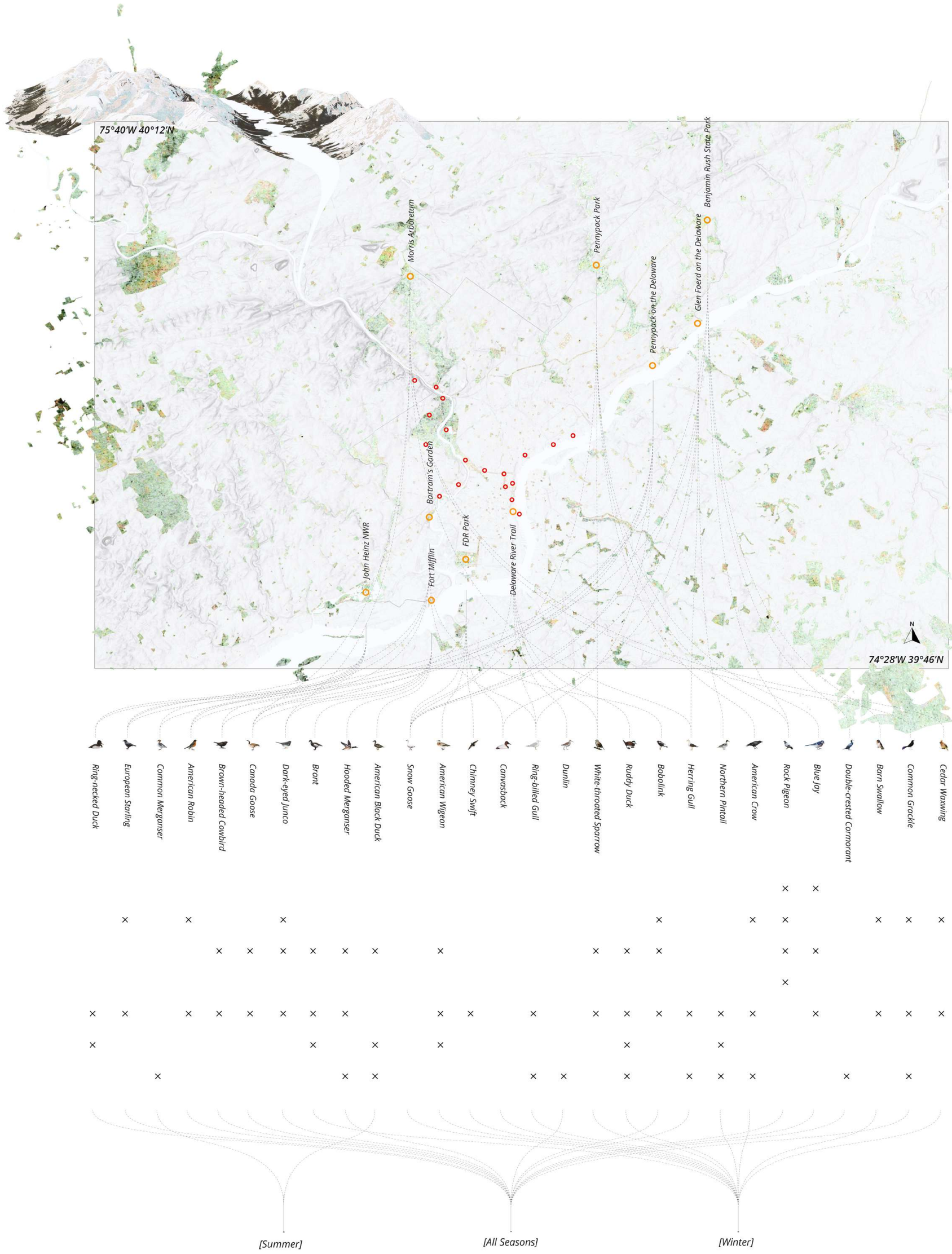
Visualization of Common Bird Species and Behaviour in Philadelphia

Yilin Lyu, Zicheng (Kai) Zhao

Philadelphia as an important stop for migratory birds is lack of ideal habitat. Besides, many birds, as keystone species, not only attract other wild animals and stabilize the food web but also can be pollinators to dispersal seeds and facilitate the growth of spontaneous plants. We collect common bird species in Philadelphia by picking the top five most sighted birds at the top ten bird-watching hotspots and conduct research on their individual habitat, time of appearance in Philadelphia, breeding habitats, and food sources.

Sources:
National Audubon Society
Cornel Lab of Ornithology
OpenDataPhilly
Pennsylvania Spatial Data Access