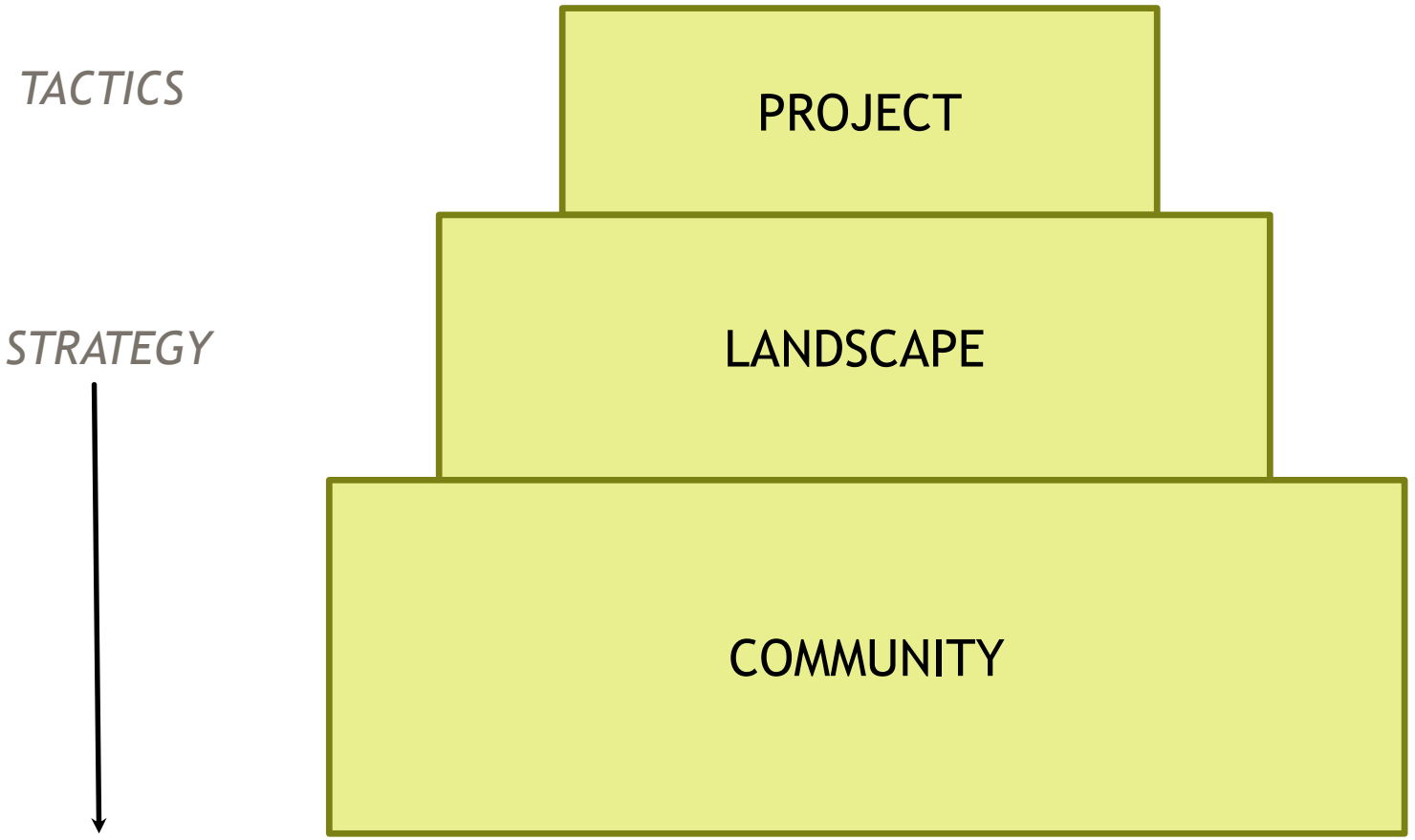
SEATTLE AUDUBON

FOR BIRDS AND NATURE

CELEBRATING 100 YEARS

Restoration in Context



Seattle Audubon

leads a local community in appreciating, understanding, and protecting birds and their habitats

Education

Science

Conservation

Seattle Audubon 20/20: Sharpening our focus

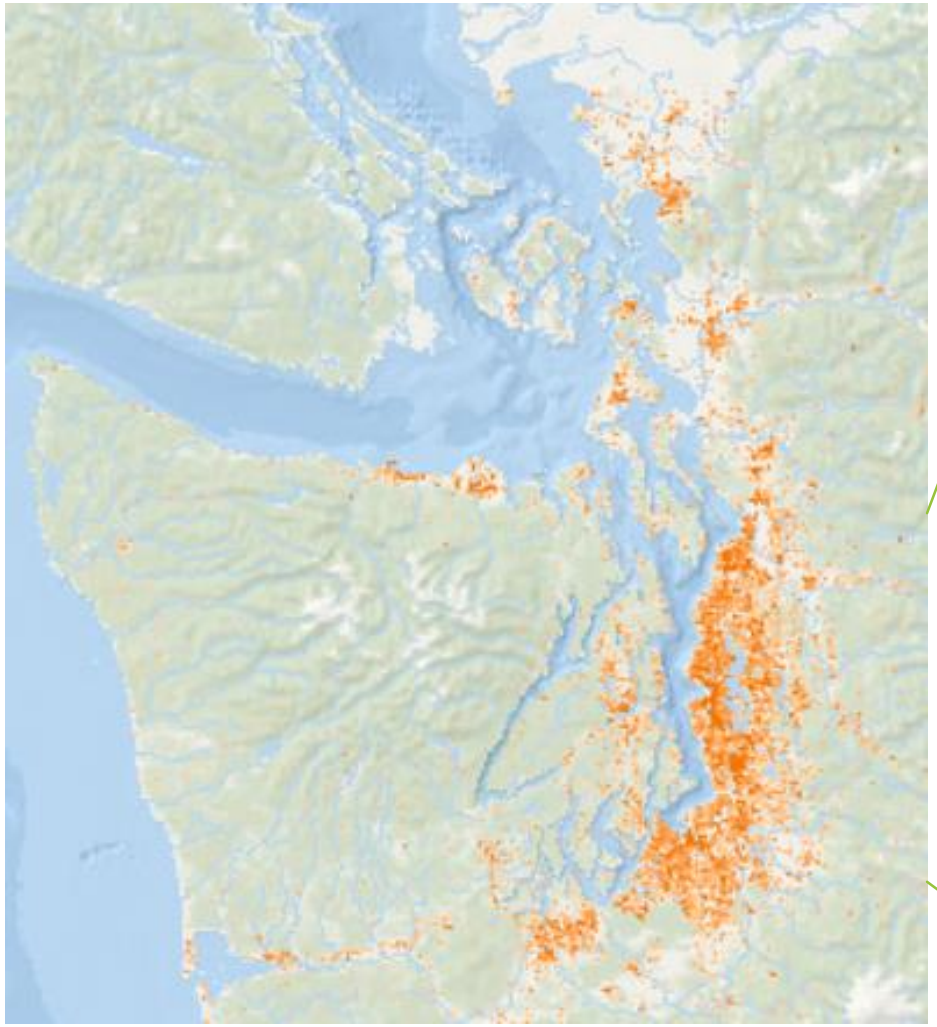
- Appreciate – Education: Enhanced early childhood, modernized curricula, and equity and inclusion
- Understand – Science: Mobilizing our data, expanded partnerships, oil spill response, and citizen science improvements
- Protect – Conservation: Legacy, bird friendly policy and advocacy, coalition building, and Neighborhood Flyways
- Organizational Sustainability – Volunteer Program, Nature Shop, Membership, Finance & Operation, and Facilities
- A new model for partnership

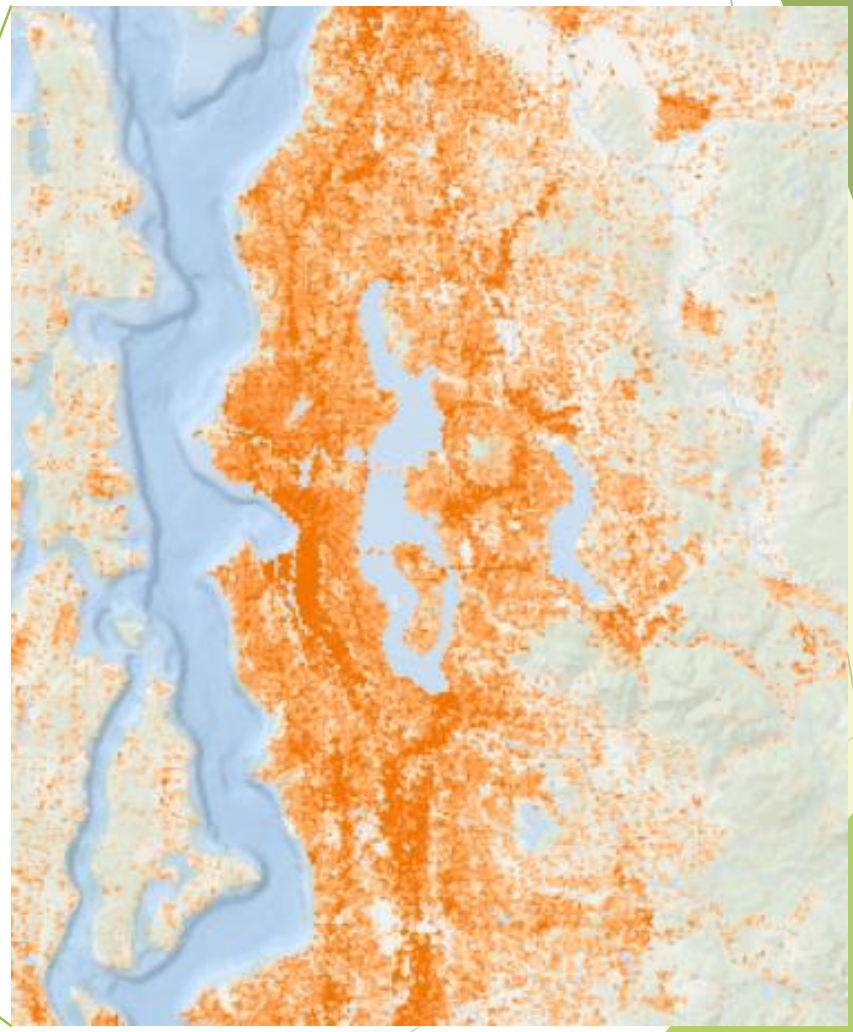
Urban Conservation: Neighborhood Flyways

- Baseline Data: Seattle Tree Map & Neighborhood Bird Project
- Policy and Advocacy: Urban Bird Treaty City, Bird Friendly Communities
- Resources for Private and Public Landowners: Backyard Habitats
- Restoration: Neighborhood Flyways Initiative

= **Unbroken migratory pathways across a major urban area**

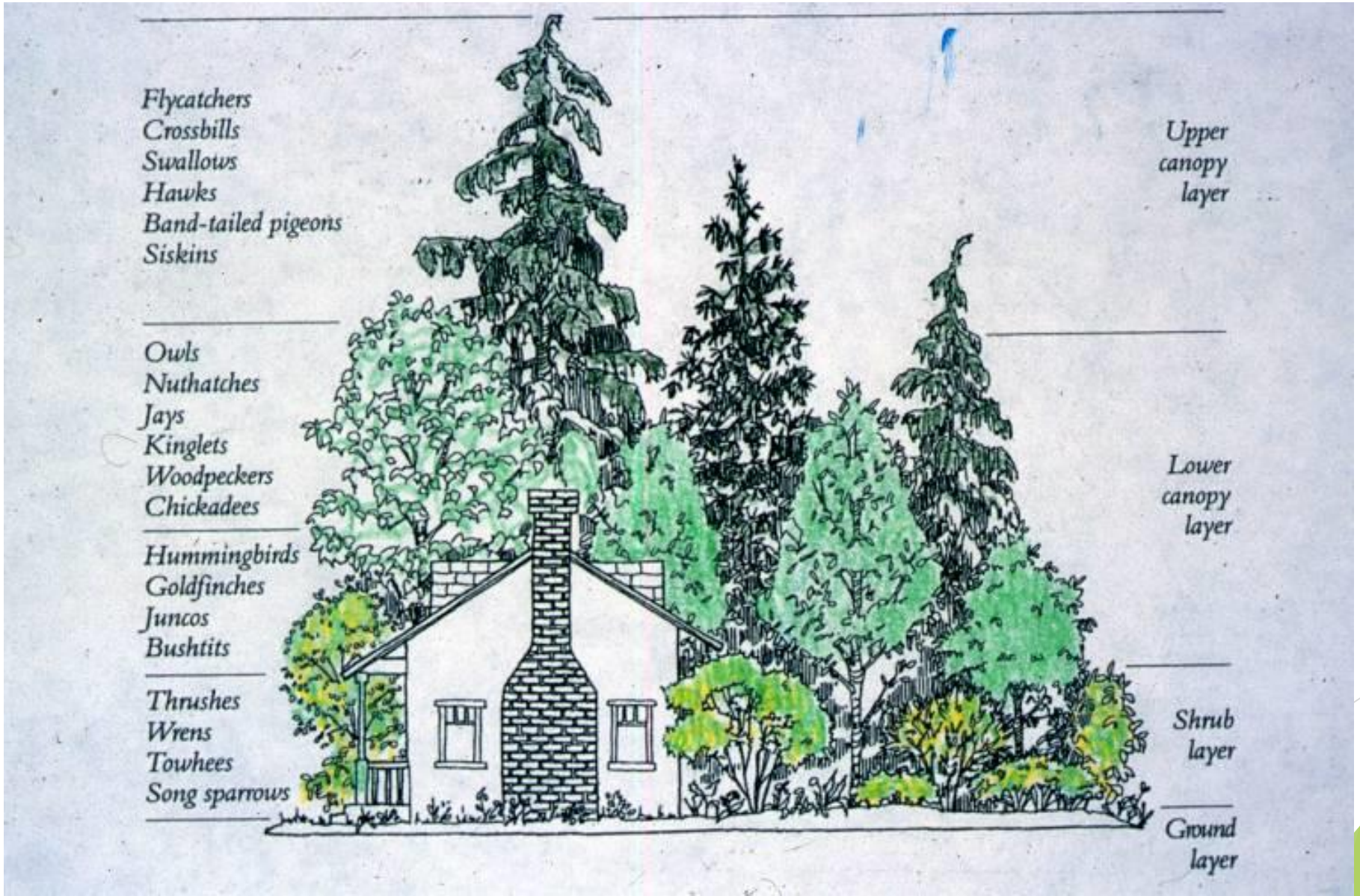
“Compensating” for impervious surface



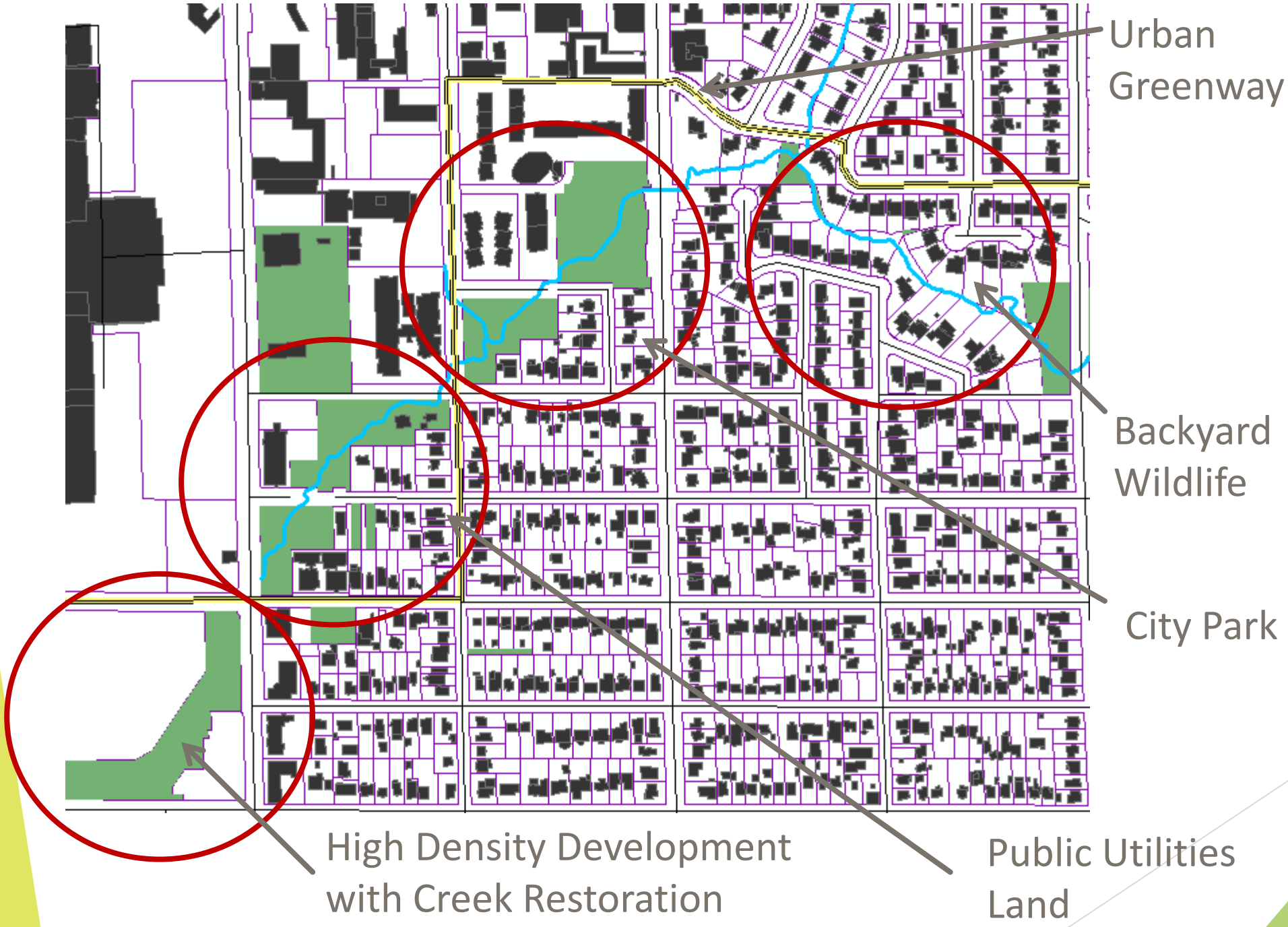


Tree Canopy Restoration – It All Adds Up To Multiple Benefits

The Individual Backyard



The Collective Backyard


Urban Greenway
Backyard Wildlife
City Park
Public Utilities Land
High Density Development with Creek Restoration

Neighborhood Flyways: Multiple Perspectives, Multiple Benefits

URBAN FORESTRY PROGRAMS – Public and private

STORMWATER, GREEN INFRASTRUCTURE

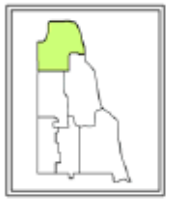
COMMUNITY & PARTNERS – An engaged constituency

NEIGHBORHOOD FLYWAYS:
BIRD HABITAT

CITY POLICIES – DENSITY VS. OPEN SPACE

ENVIRONMENTAL JUSTICE & EQUITY

CLIMATE CHANGE AND CARBON SEQUESTRATION

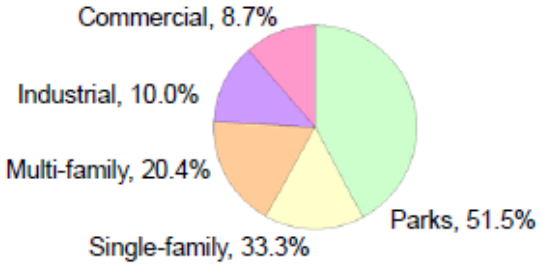


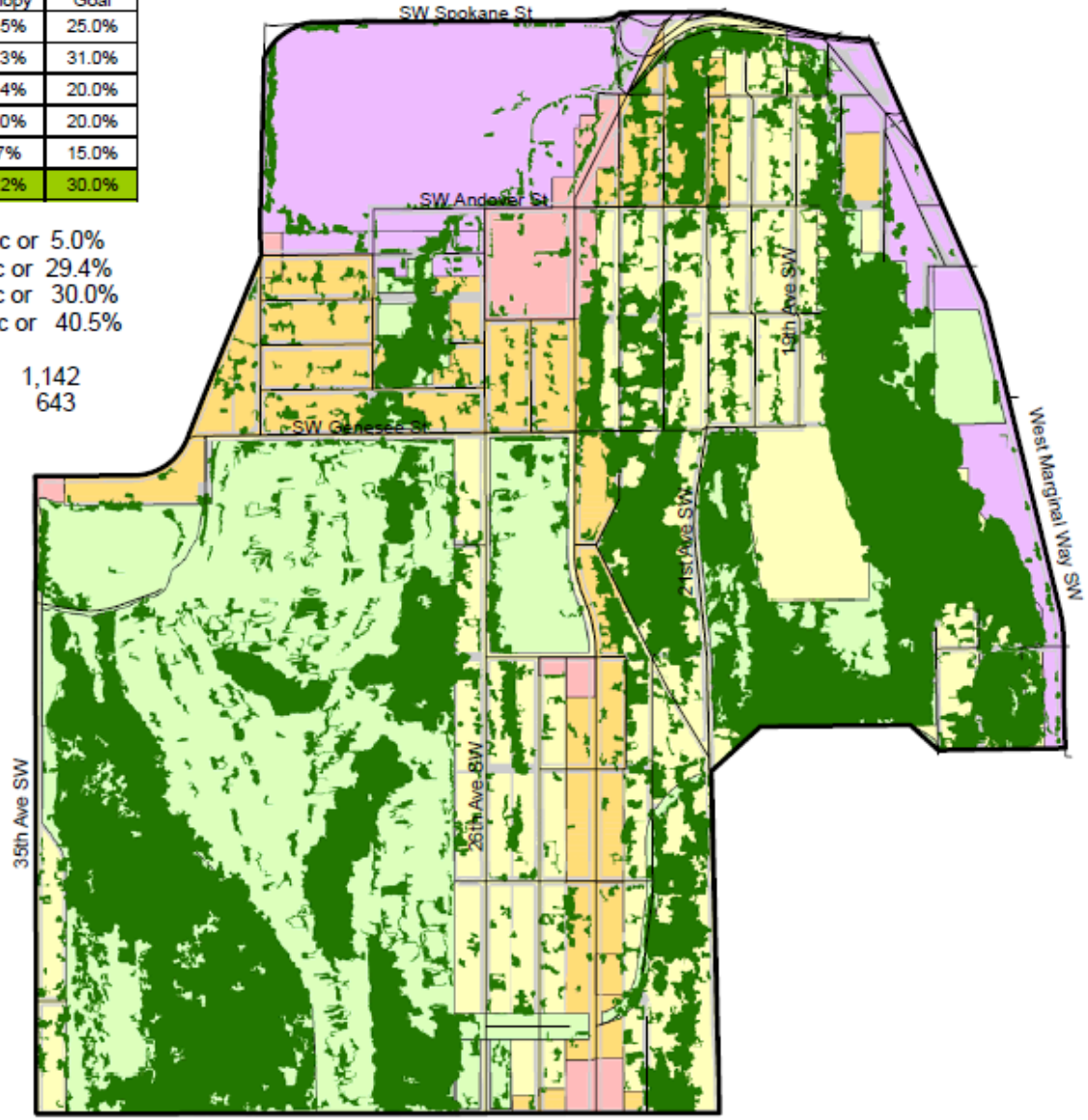
North Delridge Neighborhood: 2009 Tree Canopy

North Delridge	Neighborhood Acres (net)	Tree Acres	Percent Canopy	Canopy Goal
Parks	298.7	153.7	51.5%	25.0%
Single-Family	187.0	62.3	33.3%	31.0%
Multi-Family	84.5	17.2	20.4%	20.0%
Industrial	84.8	8.5	10.0%	20.0%
Commercial	17.2	1.5	8.7%	15.0%
TOTAL	672.2	243.2	36.2%	30.0%

Tree canopy over roadway pavement	2.3 ac or	5.0%
Tree canopy in ROW	23.1 ac or	29.4%
Pervious surface in ROW	23.6 ac or	30.0%
Impervious surface in ROW	31.9 ac or	40.5%

Potential Medium Tree Planting in ROW = 1,142
Potential Large Tree Planting in ROW = 643

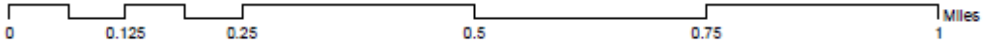




Data: City of Seattle & Seattle Audubon

Seattle Audubon Society
for birds and nature

November 18, 2011



Search for species

All

in

Neighborhood

University District

Hello, **mattm!** | Logout Add a tree

Search Seattle

Show advanced filters ›

3,094 trees selected | Add a tree!

Export options: KML CSV Shapefile

Yearly Eco Impact

Selected trees in University District

Total Benefits

$26,719.89 saved

Greenhouse Gas Benefits

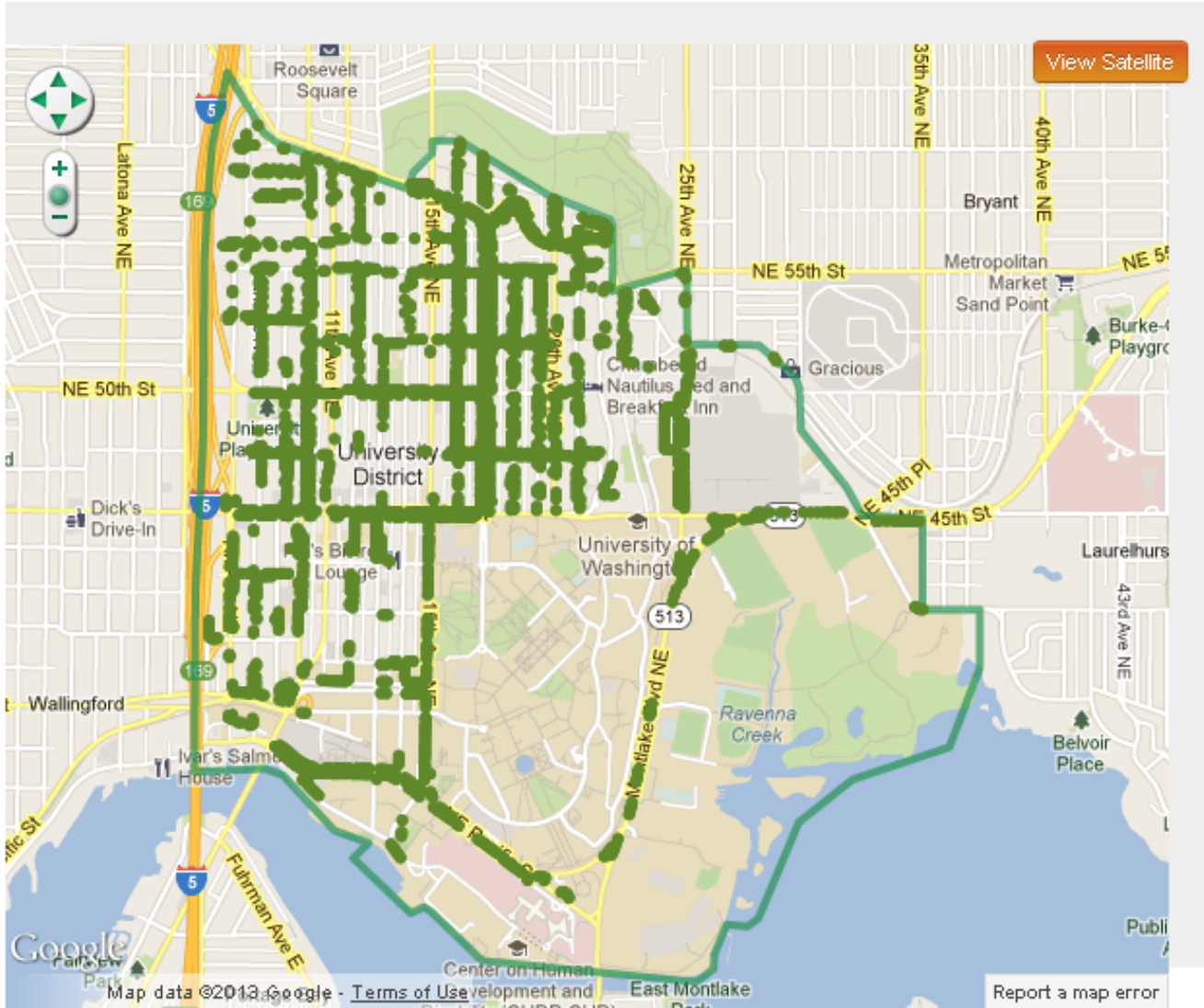
168,057.21 lbs CO2 reduced
$5,846.56 saved

Water Benefits

1,919,783.40 gallons conserved
$19,197.83 saved

Energy Benefits

83,420.54 kWh conserved
$1,647.91 saved



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Ruby-throated Hummingbird at a butterflyweed. Photo: Dave Maslowski
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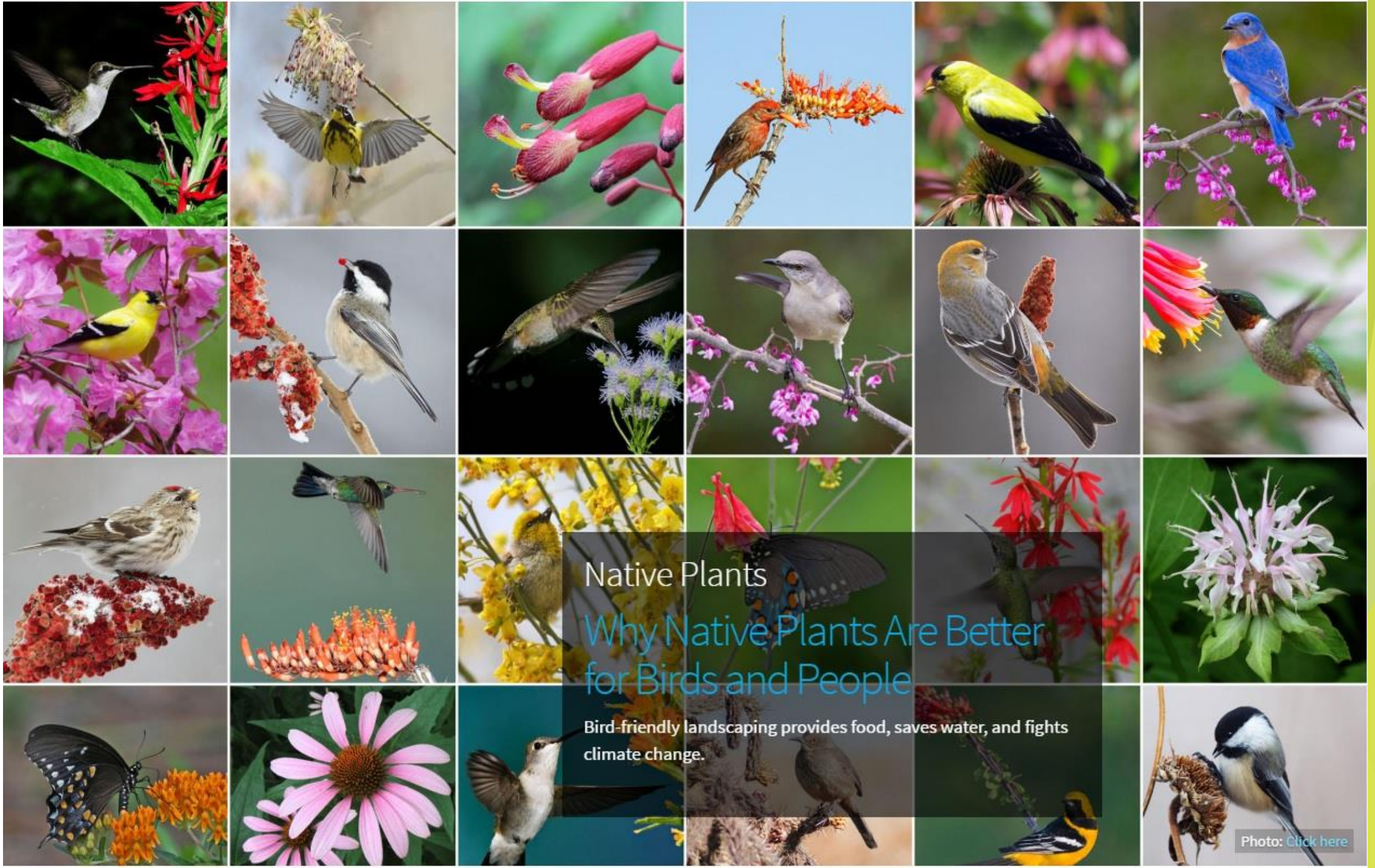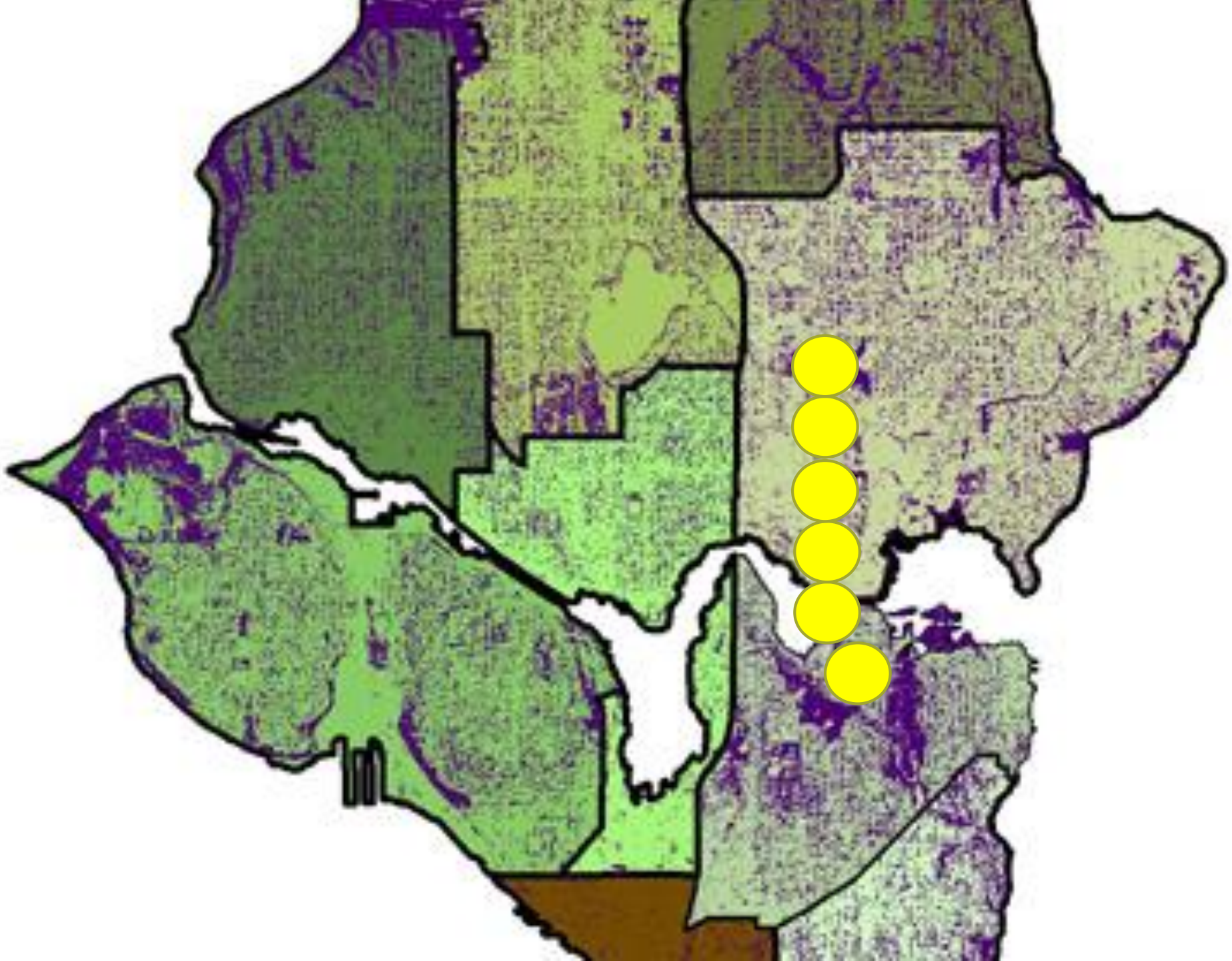
Native Plants
Why Native Plants Are Better for Birds and People
Bird-friendly landscaping provides food, saves water, and fights climate change.
Photo: Click here