College Lake Waterfowl Surveys Preliminary Results

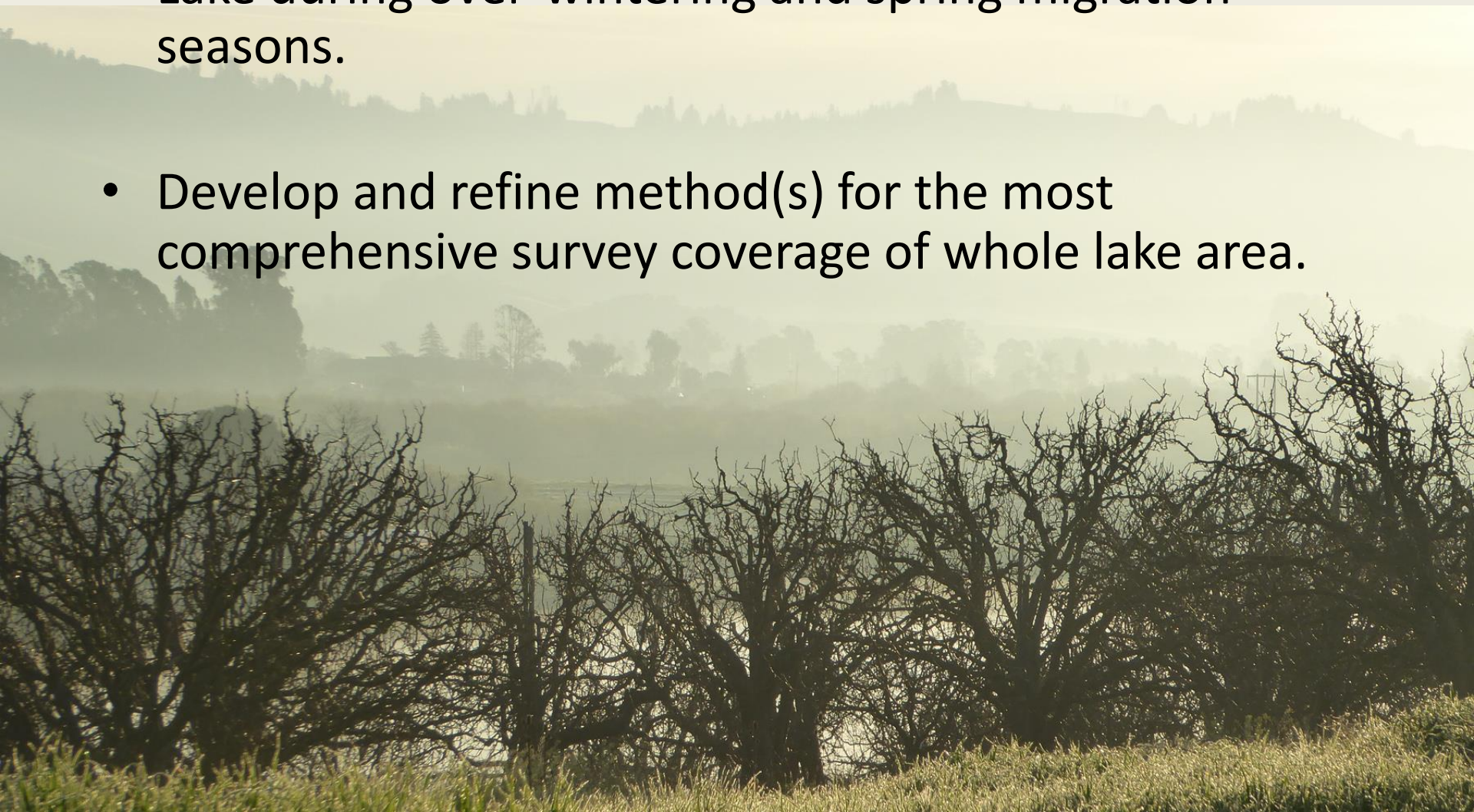
2014, 2015 & 2016

January-May Observations

Purposes of Study

- Document waterfowl and wading bird use at College Lake during over-wintering and spring migration seasons.

- Develop and refine method(s) for the most comprehensive survey coverage of whole lake area.



Study Area

Dias Ln
Whiting Rd
Onyx Dr
Paulsen Rd
Milo Rd
Grimmer Rd
152
E Lake Ave
Kelly Lake
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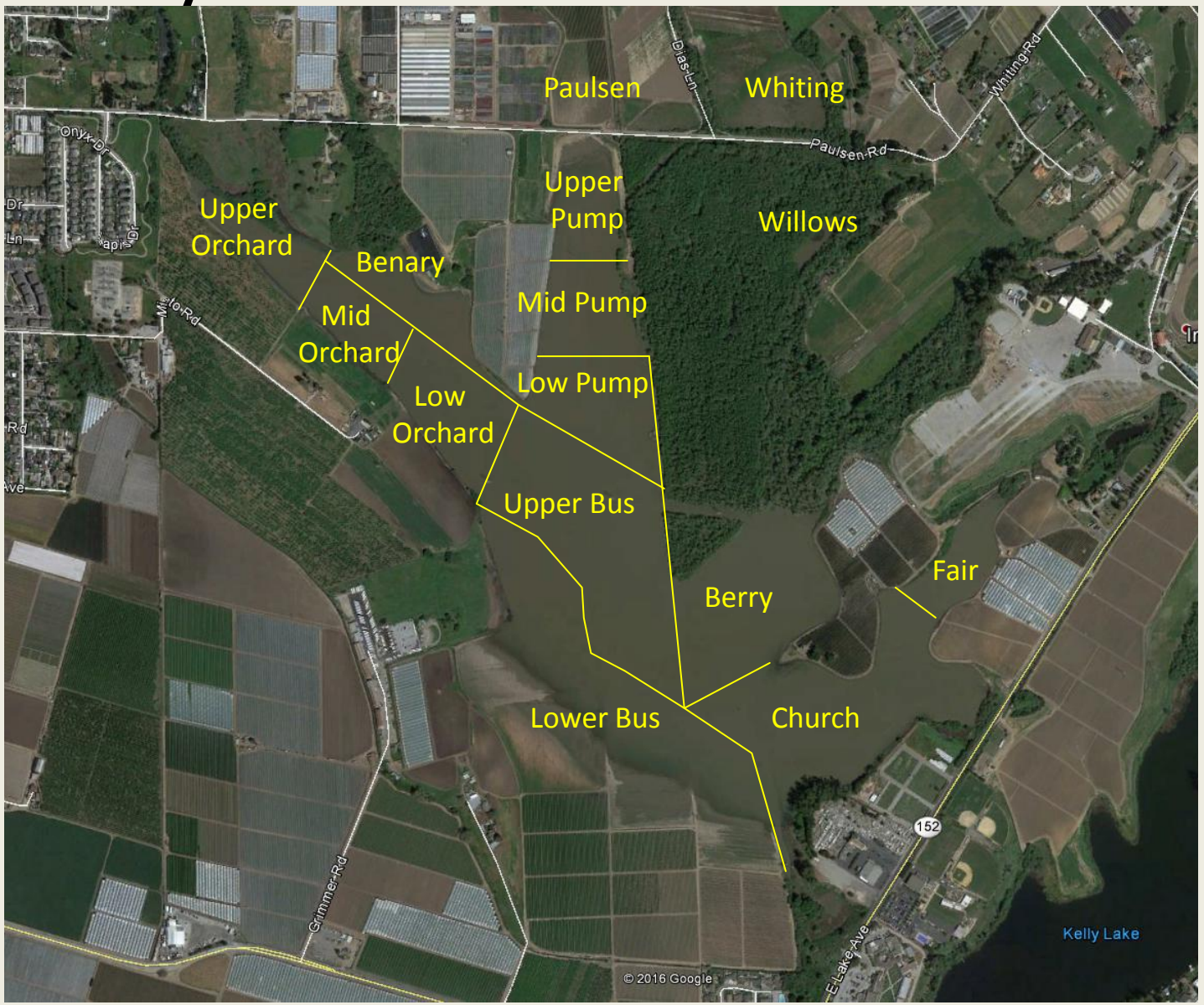
Study Methods



2014

14 field days

January through April

88 Species total

- 23 species in January
- 50 species in February
- 49 species in March
- 63 species in April

15,311 Birds counted

- 262 in January (1 visit)
- 5,323 in February (4 visits)
- 4,082 in March (3 visits)
- 5,644 in April (6 visits)

2015

13 field days

January through May

98 Species total

- 42 species in January
- 37 species in February
- 40 species in March
- 59 species in April
- 21 species in May

26,200 Birds counted

- 7,298 in January (3 visits)
- 8,309 in February (3 visits)
- 3,789 in March (2 visits)
- 6,634 in April (4 visits)
- 170 in May (1 visit)

2016

13 field days

January through May

<u>122 Species total</u>

- 42 species in January
- 37 species in February
- 40 species in March
- 59 species in April
- 21 species in May

<u>26,200 Birds counted</u>

- 7,298 in January (3 visits)
- 8,309 in February (3 visits)
- 3,789 in March (2 visits)
- 6,634 in April (4 visits)
- 170 in May (1 visit)

Most Common Birds

2014	Total
Mallard - Anas platyrhynchos	3677
Ruddy Duck - Oxyura jamaicensis	2319
American Coot - Fulica americana	1247
swallow sp. - Hirundinidae sp.	1129
Gadwall - Anas strepera	1047
Northern Shoveler - Anas clypeata	1009
Ring-necked Duck - Aythya collaris	887
American Wigeon - Anas americana	772
Canada Goose - Branta canadensis	579
Cinnamon Teal - Anas cyanoptera	297
Canvasback - Aythya valisineria	235
Bufflehead - Bucephala albeola	161

Most Common Birds

2015	Total
American Coot - Fulica americana	11783
Ruddy Duck - Oxyura jamaicensis	3725
Northern Shoveler - Anas clypeata	2236
American Wigeon - Anas americana	1277
Western Sandpiper - Calidris mauri	1118
Ring-necked Duck - Aythya collaris	1025
Gadwall - Anas strepera	808
Canvasback - Aythya valisineria	594
Mallard - Anas platyrhynchos	514
Canada Goose - Branta canadensis	403
California Gull - Larus californicus	352
Bufflehead - Bucephala albeola	309

Most Common Birds

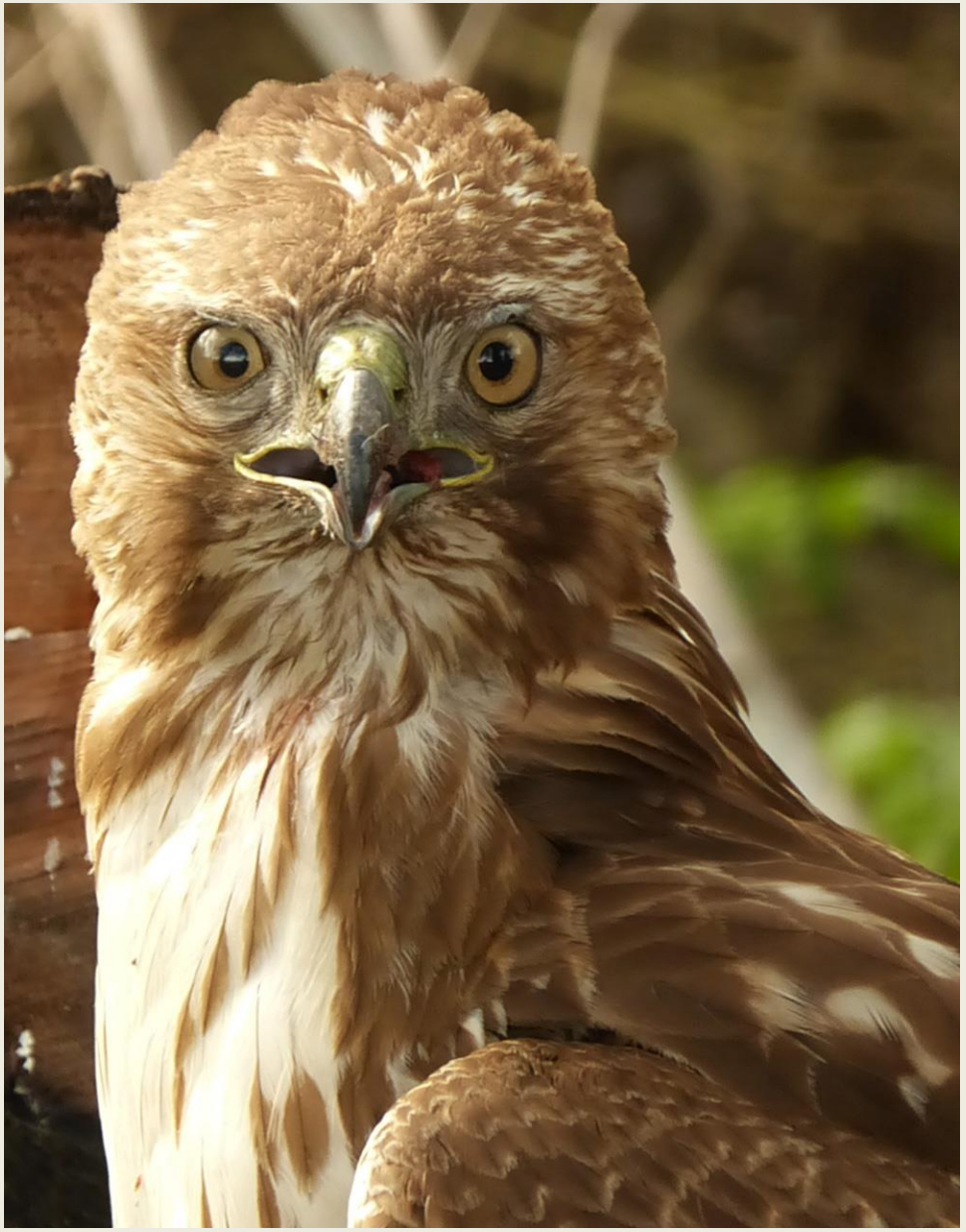
2016	Total
American Wigeon - Anas americana	4537
American Coot - Fulica americana	4232
Ruddy Duck - Oxyura jamaicensis	2231
Ring-necked Duck - Aythya collaris	2012
Northern Shoveler - Anas clypeata	1423
Canvasback - Aythya valisineria	902
Mallard - Anas platyrhynchos	890
Canada Goose - Branta canadensis	765
Gadwall - Anas strepera	648
California Gull - Larus californicus	563
Red-winged Blackbird - Agelaius phoeniceus	524
Western Sandpiper - Calidris mauri	472

Raptors observed

Red tailed hawk
Osprey
White tailed kite
Cooper’s hawk
Red shouldered hawk
Peregrine falcon

Merlin
Sharp-shinned hawk
Bald Eagle

Great horned owl
Barn owl



Rarities

Indigo bunting
Lazuli bunting
Blue grosbeak
Eurasian wigeon
Tri-colored blackbird
Bald Eagle
Peregrine falcon

Nesting and Breeding

Canada goose
Mallard
American avocet
Pie-billed grebe
American coot
Marsh wren
Osprey
Red-tailed hawk
Red-shouldered hawk
Black Phoebe

College Lake Summary

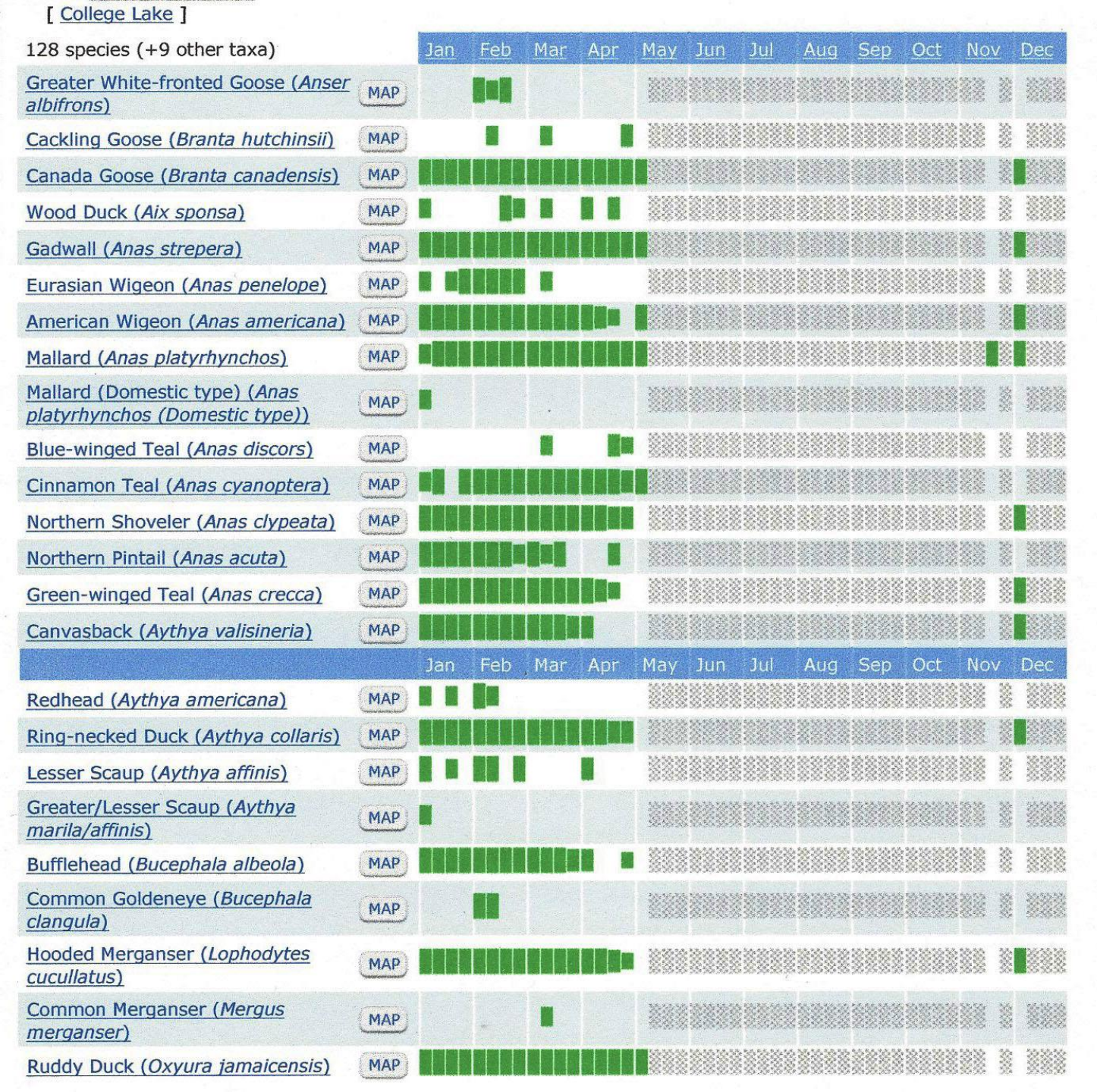
222 Total Species (1900-2016)

128 species observed during study period,

to date.

Limited observations in PVWMA property, and

flooded field upstream of Paulsen Road



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