

Cazenovia Lake Aquatic Plant Survey, 2025 Results



Report to:

Town of Cazenovia
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1. INTRODUCTION

This report summarizes the August 1 – August 25, 2025, aquatic macrophyte (plant) community survey conducted by the Upstate Freshwater Institute (UFI) for the Town of Cazenovia, New York, at Cazenovia Lake. The purpose of the survey was to evaluate the distribution and abundance of aquatic macrophytes, to evaluate any impact of aquatic plant management on the lake's ecosystem, and to assist the Town in planning future management decisions.

Previous aquatic plant management in Cazenovia Lake included applications of the herbicide triclopyr (Renovate®) in 2009, 2010, 2012, 2014, 2017, and 2019. Mechanical harvesting was implemented in 2015, 2016, 2018, and 2020 with selective harvesting in dense macrophyte areas conducted in 2023. The intention of the previous management actions was to control the growth and expansion of the invasive macrophyte *Myriophyllum spicatum* (Eurasian watermilfoil). In 2021 and 2024, Cazenovia Lake was treated with the herbicide florpypyrauzifenbenzyl (ProcellaCOR®), in addition to selective mechanical harvesting.

2. METHODS

2.1 Macrophyte sampling

A total of 304 locations were sampled to evaluate the macrophyte community in 2025 (**Figure 1**), similar to previous surveys conducted in Cazenovia Lake annually since 2009. We used GPS to navigate to sampling locations using latitude and longitude coordinates with a Lowrance Hook 5. The depth of each sample location was determined by sonar and recorded in meters.

Dual-headed rakes tied to 50 feet of nylon rope were used to collect macrophytes (**Figure 2**). Two rake-toss drags occurred at each location by tossing rakes from the boat until approximately 40 feet of rope was extended. Rakes were slowly retrieved at the same time back to the boat by dragging the rake along the bottom for at least 10 meters (~33 ft.) to adequately sample the lake bottom, and to limit macrophytes from falling off the rake.

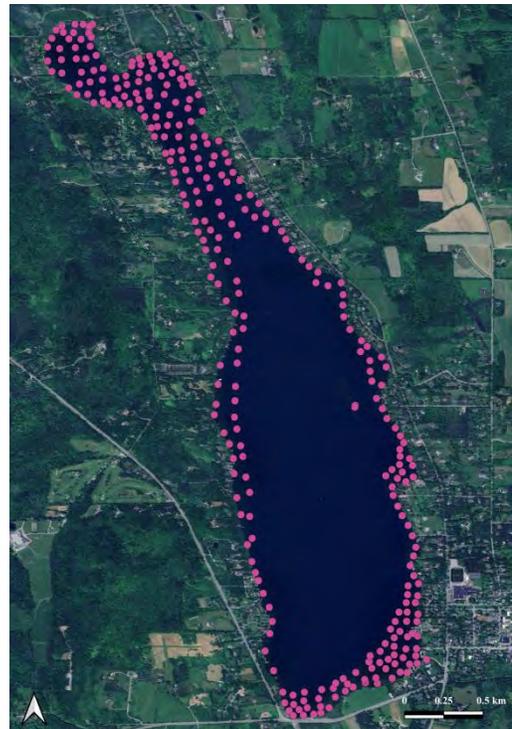


Figure 1. Sample point locations in Cazenovia Lake where rake-toss measurements were collected annually from 2009 to 2025.

Research scientists assigned an overall plant abundance estimate to the amount of macrophytes on each rake, as follows (**Table 1**):

- Dense (D) – more than an armful and difficult to get into the boat
- Medium (M) – an armful
- Sparse (S) – two hands full
- Trace (T) – a small handful or less
- Zero (O) – bare rake

All individual species from each rake were then separated (**Figure 3**), identified (Borman et al. 1997; Crow and Hellquist 2000) and assigned an abundance estimate (**Table 1**) and mass percentage (based on the relative abundance per rake, summing to 100). An average of the two rake tosses was calculated to obtain an abundance value at each sample location.



Figure 2. Dual-headed rake and nylon rope used for macrophyte sampling.

Table 1. Abundance categories used to describe rake-toss drag samples and assumed dry weight (g/m^2). Table values were used to obtain an estimate of abundance for individual species and overall abundance estimates. Table modified from Racine-Johnson (2021).

| Abundance Categories for Mass on Rake Toss | Rake-toss Abundance Rating | Dry Weight (g/m^2) Ranges with Total Plant Abundance | Mean Dry Biomass (g/m^2) | Dry Weight (g/m^2) Ranges with Single Species |
|--|----------------------------|--|--|---|
| "O" = no plant(s) | 0 | 0.0 | 0.0 | same |
| "T" = trace plant(s) | 1 | ~0.0001 - 0.9999 | 0.5 | same |
| "S" = sparse plant(s) | 2 | ~1.0000 - 24.9999 | 13.0 | same |
| "M" = medium plant(s) | 3 | ~25.0000 - 99.9999 | 62.5 | same |
| "D" = dense plant(s) | 4 | ~100.0000 - 400.0000+ | 250.0 | same |

3. RESULTS

3.1 Macrophytes

As documented in previous annual surveys, Cazenovia Lake was found to have a very diverse assemblage of aquatic plants. In 2025, a total of 33 species were observed with an average species richness of 6 per sampling location.



Figure 3. UFI Research Scientist processing collected macrophytes.

Appendix A includes maps depicting the location and relative abundance (mass) of macrophytes found in 2025.

Appendix B includes tabulated results from rake-toss samples in 2025 at each of the sample locations (*Table A*), the conversion of rake-toss data to abundance (mass) categories (*Table B*), and the presence of macrophyte species at each location to species' total occurrences for all locations (*Table C*).

Table 2 shows the change of Eurasian watermilfoil (*Myriophyllum spicatum*) over time, influenced by management from mechanical harvesting and herbicide (triclopyr) in selected years from 2009-2020, and florpyrauxifen-benzyl (ProcellaCOR®) in 2021 and 2024. In 2015, 2016, 2018 and 2020 only mechanical harvesting occurred.

In the past, suppression of Eurasian watermilfoil was observed in the year of herbicide application followed by an increase in occurrence a year after application. Following the application of ProcellaCOR® in 2024, a reduction of Eurasian watermilfoil was observed across sampled sites (*i.e.*, from 29% in 2023 down to 0.3% in 2024) (**Table 2**), with a notable decrease in the number of sampling locations with Medium and Dense abundances – 29% of sites in 2023 compared to only 0.3% of sites in 2024 (**Table 2**). The number of sites with Eurasian watermilfoil in 2025 is slightly greater than 2022, the year after the first application of ProcellaCOR® applied – 114 sites in 2022 compared to 123 sites in 2025 (**Figure 4**).

Table 2. Summary of species richness and Eurasian watermilfoil changes in the yearly plant community influenced by management from 2009 to 2025 as documented by late summer surveys each year.

| | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------------|------|------|
| Species richness | 36 | 32 | 33 | 32 | 31 | 33 | 37 | 35 | 33 | 33 | 33 | 34 | 33 | 32 | 35 ^a | 31 | 33 |
| Occurrences of watermilfoil out of a total of 302 sampling points | 122 | 86 | 221 | 123 | 225 | 204 | 284 | 288 | 166 | 282 | 115 | 236 | 25 | 114 | 229 ^a | 41 | 123 |
| Percentage watermilfoil presence out of a total of 302 sampling points | 40% | 29% | 73% | 41% | 85% | 68% | 94% | 95% | 55% | 93% | 38% | 78% | 8% | 38% | 76% ^a | 14% | 41% |
| Percentage of medium and dense watermilfoil abundances out of 302 sampling points | 6% | 1% | 19% | 5% | 28% | 10% | 32% | 54% | 2% | 23% | 0% | 13% | 0% | 4% | 29% ^a | 0.3% | 4% |

NOTES:

Yellow = Designates the years when triclopyr (Renovate®) was applied to regions in Cazenovia Lake.

Blue = Designates the year when floryprazifen-benzyl (ProcellaCOR®) was applied to regions in Cazenovia Lake.

^a Values based on 300 sampling points in 2023

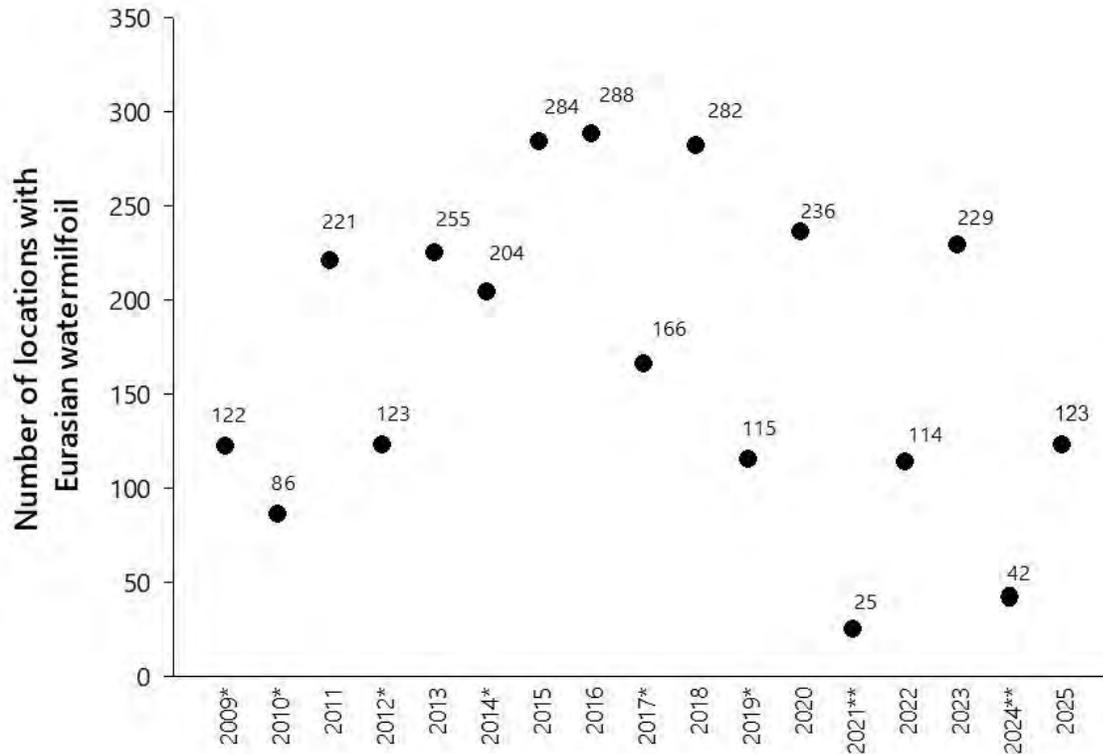


Figure 4. Number of locations where Eurasian watermilfoil (*Myriophyllum spicatum*) was present from 2009 through 2024. Years when triclopyr (Renovate®) was applied are identified with a single asterisk (*) and years when florpyrauzifen-benzyl (ProcellaCOR®) was applied are identified with a double asterisk (**).

ProcellaCOR® additionally targets the native species *Ceratophyllum demersum* (coontail) (Racine-Johnson 2021). Following the application of ProcellaCOR® in 2024, 148 sites were observed to have coontail present with only 26 of those sites having medium or dense abundance. In 2025, coontail was found at 137 sites, with 33 sites having medium or dense abundance. Similarly, during the 2021 survey, following the first application of ProcellaCOR® in Cazenovia Lake, a significant reduction in the occurrence of coontail was observed – from 213 sites in 2020 to 119 sites in 2021. In 2022, the year following ProcellaCOR® application, there was once again a notable increase in observed presence of coontail with recordings at 165 sites.

The invasive macroalgae *Nitellopsis obtusa* (starry stonewort) also experienced a slight shift in its presence throughout Cazenovia Lake. In 2024, starry stonewort had a recorded presence at 49% of sampled sites, an increase from 2023 when only 37% of sites had a recorded presence. In comparison to 2025, starry stonewort was present at 56% of the sites samples. Thus, starry stonewort has shown a steady increase in presence and expansion in Cazenovia Lake. This indicates an increasing coverage of starry stonewort occurring each year, with this macroalgae capable of forming dense mats that displace native macrophytes (Brainard et al. 2017) and may contribute to declines in dissolved oxygen levels as its biomass decays.

As in previous years, the invasive *Hydrocharis morsus-ranae* (European frog-bit) remained restricted to the northern end of the lake. In 2025, European frog-bit was observed at only one site near the outlet

4. CONCLUSIONS AND RECOMMENDATIONS

From 2009 to 2025, the lake has averaged a species richness of 33 species (± 1.7). As observed in previous years, there has been a rebound in the number of sites where *Myriophyllum spicatum* (Eurasian watermilfoil) was present following the application of ProcellaCOR® in the previous year.

Following the application of ProcellaCOR® in 2021, only 25 sites had an observed presence of Eurasian watermilfoil in Cazenovia Lake, with no sites recorded as having dense or medium abundance. In 2022, a resurgence of Eurasian watermilfoil was recorded, although the percentage of sites with medium or dense abundance remained comparatively low. By 2023, Eurasian watermilfoil had rebounded in both presence and abundance, being recorded at 229 sites, with 87 sites recorded as dense or medium. In 2024, following another application of ProcellaCOR®, Eurasian watermilfoil was observed at a total of 42 sites. None of these sites exhibited a dense presence, and only one recorded with a medium presence, representing a significant decline. In 2025, the number of sites with Eurasian watermilfoil present increased to 123, with twelve sites having medium/dense abundance.

It is recommended that management of the non-native Eurasian watermilfoil remains a priority, as it typically demonstrates higher abundance in years without herbicide treatment. Biannual ProcellaCOR® treatments should be considered, with continued annual surveys to assess application necessity.

Continued monitoring of starry stonewort's increasing density across the lake is advised. Starry stonewort can be found in a range of depths, often forming dense mats that displace native macrophytes (Brainard et al. 2017), and may contribute to declines in oxygen levels.

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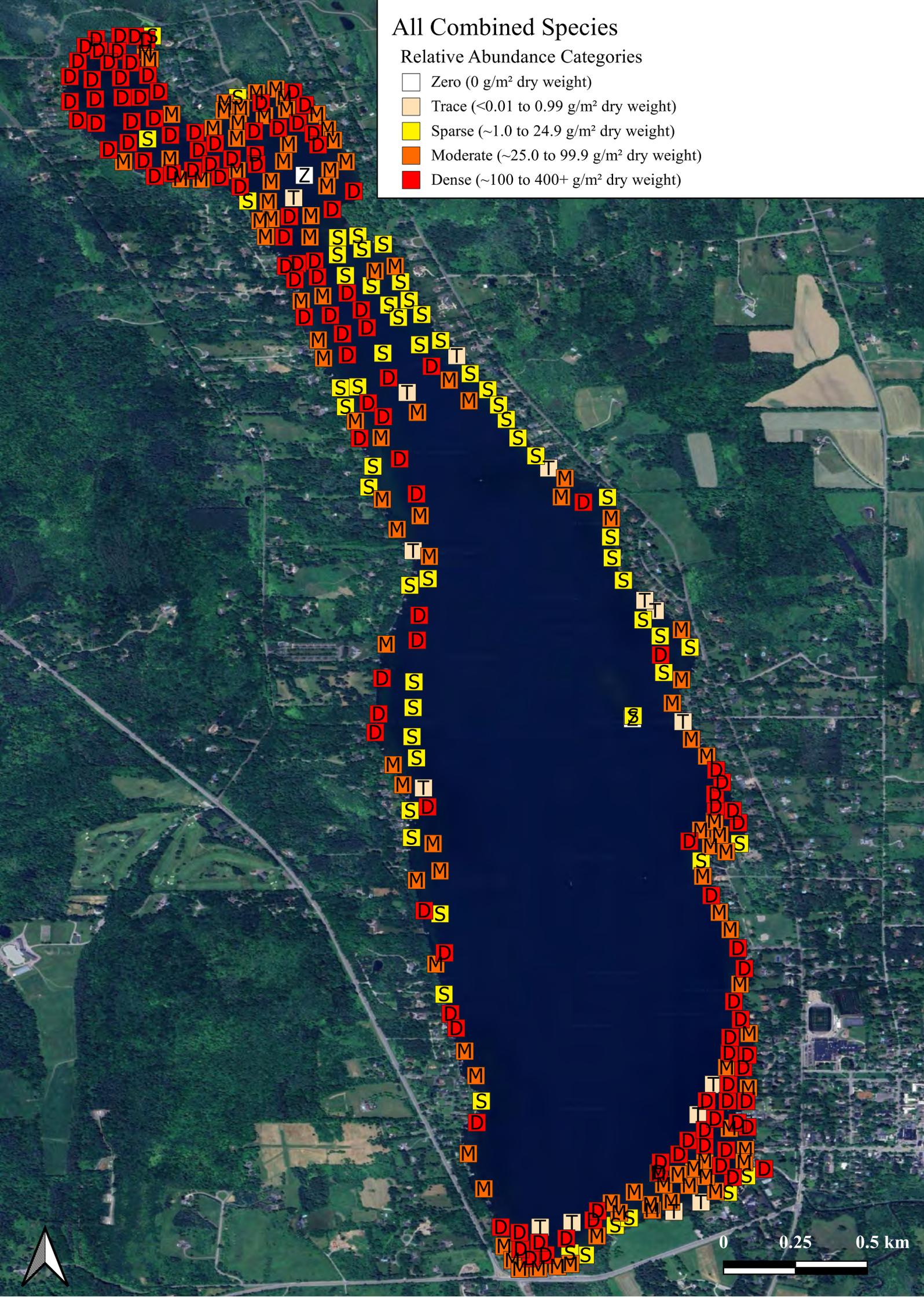
APPENDIX A

Maps of individual macrophyte species and relative abundance (mass) observed in 2025.

All Combined Species

Relative Abundance Categories

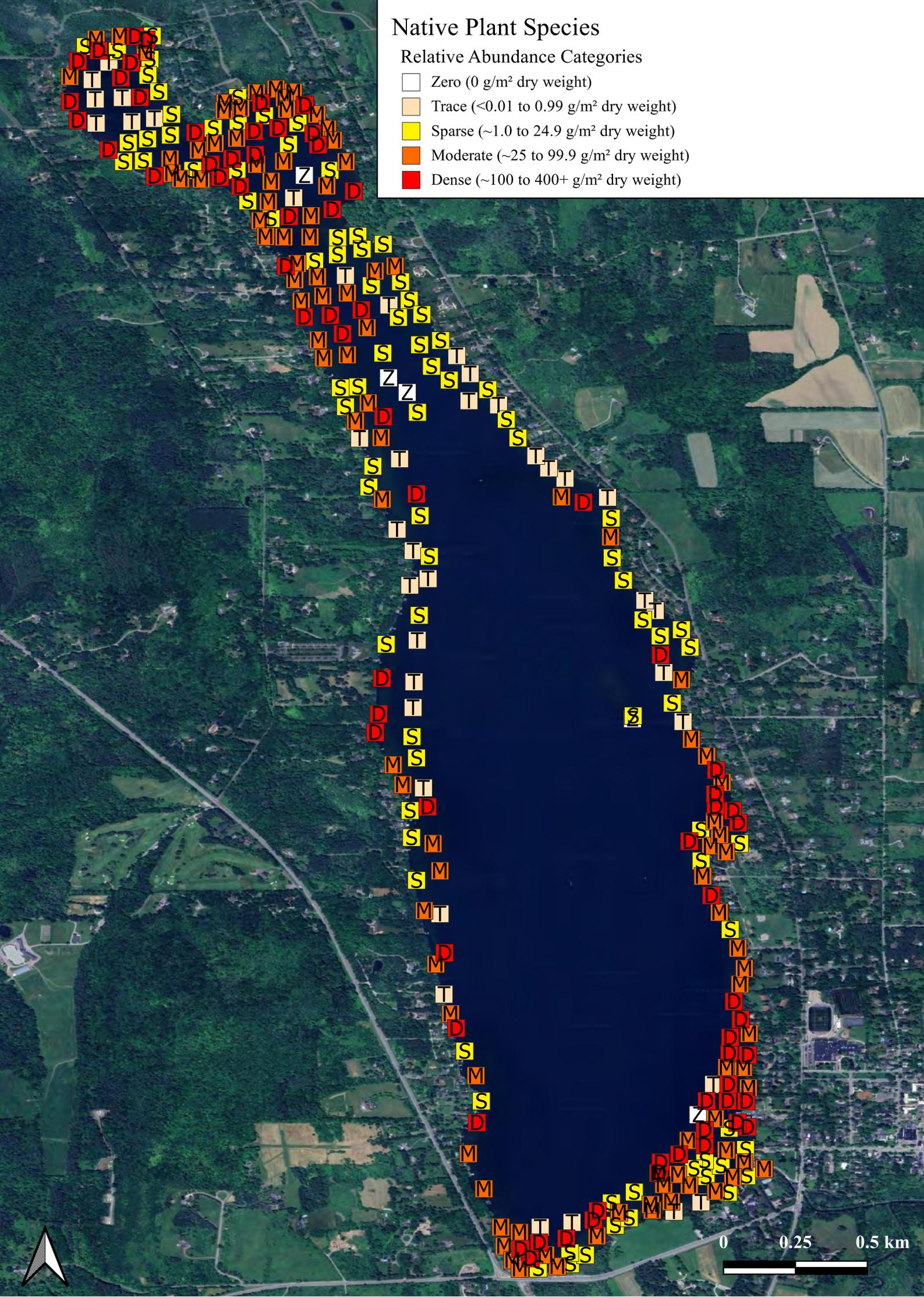
- Zero (0 g/m² dry weight)
- Trace (<0.01 to 0.99 g/m² dry weight)
- Sparse (~1.0 to 24.9 g/m² dry weight)
- Moderate (~25.0 to 99.9 g/m² dry weight)
- Dense (~100 to 400+ g/m² dry weight)



Native Plant Species

Relative Abundance Categories

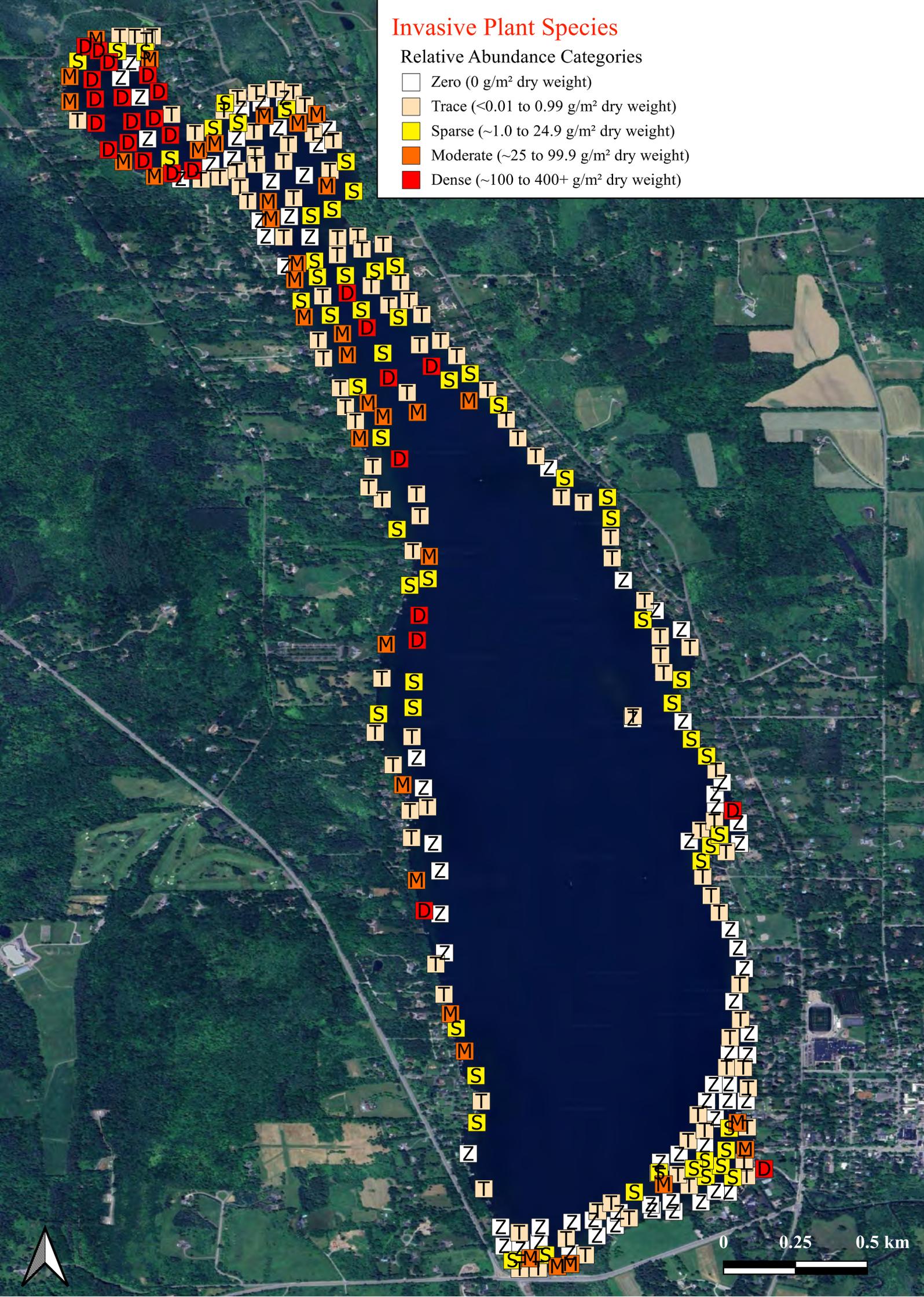
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- Moderate (~25 to 99.9 g/m² dry weight)
- Dense (~100 to 400+ g/m² dry weight)



Invasive Plant Species

Relative Abundance Categories

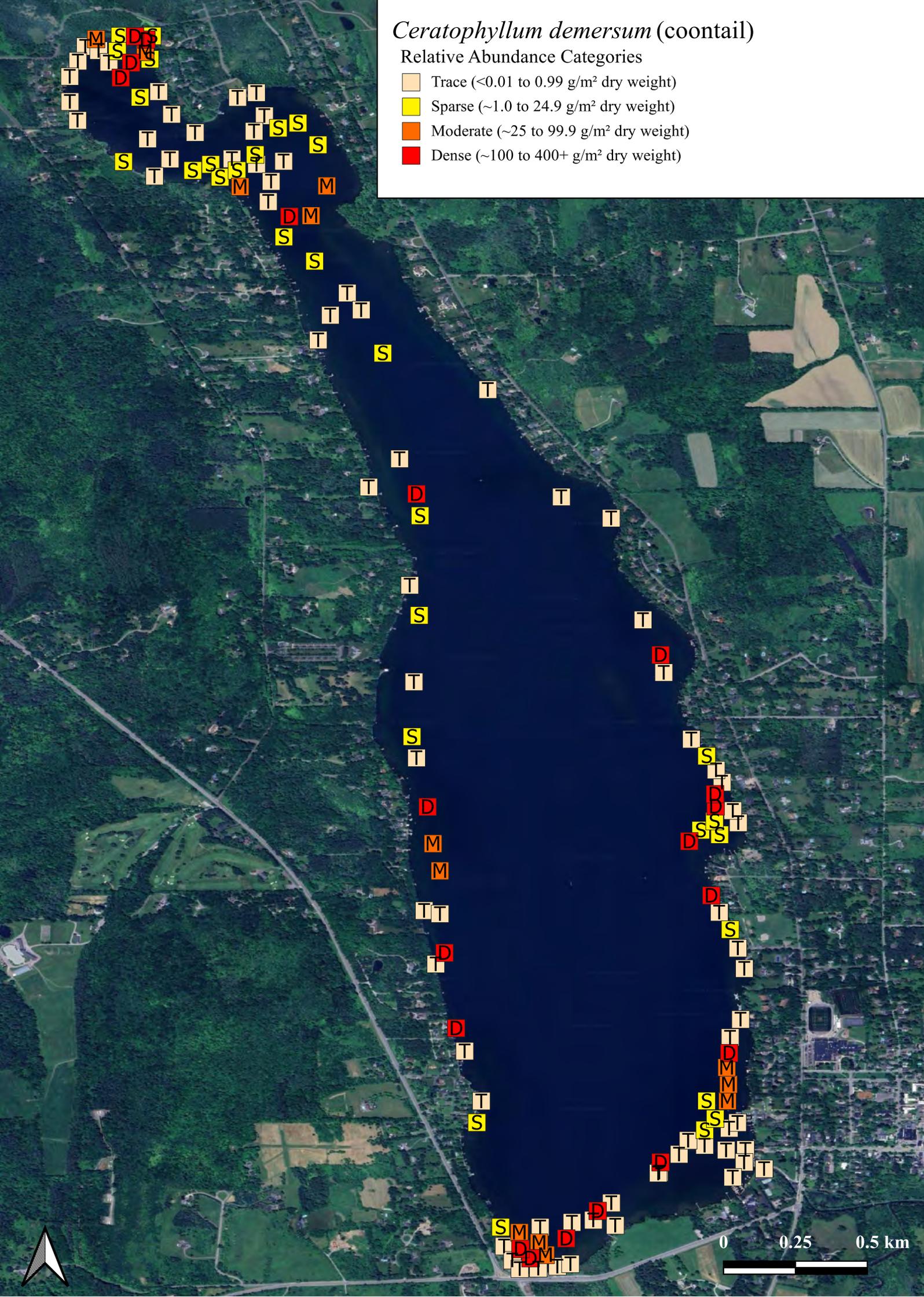
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- Moderate (~25 to 99.9 g/m² dry weight)
- Dense (~100 to 400+ g/m² dry weight)



Ceratophyllum demersum (coontail)

Relative Abundance Categories

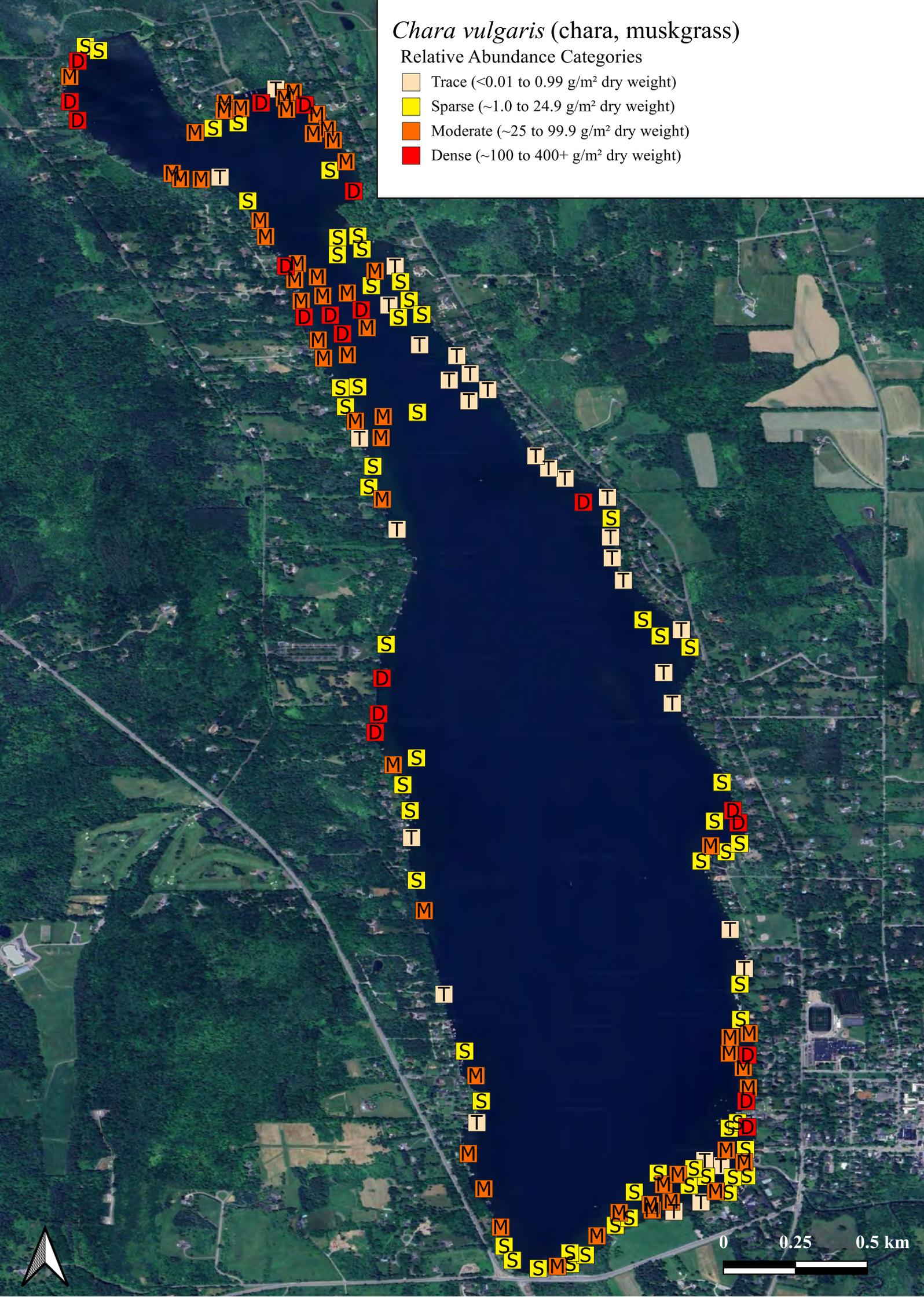
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- Sparse (~1.0 to 24.9 g/m² dry weight)
- Moderate (~25 to 99.9 g/m² dry weight)
- Dense (~100 to 400+ g/m² dry weight)



Chara vulgaris (chara, muskgrass)

Relative Abundance Categories

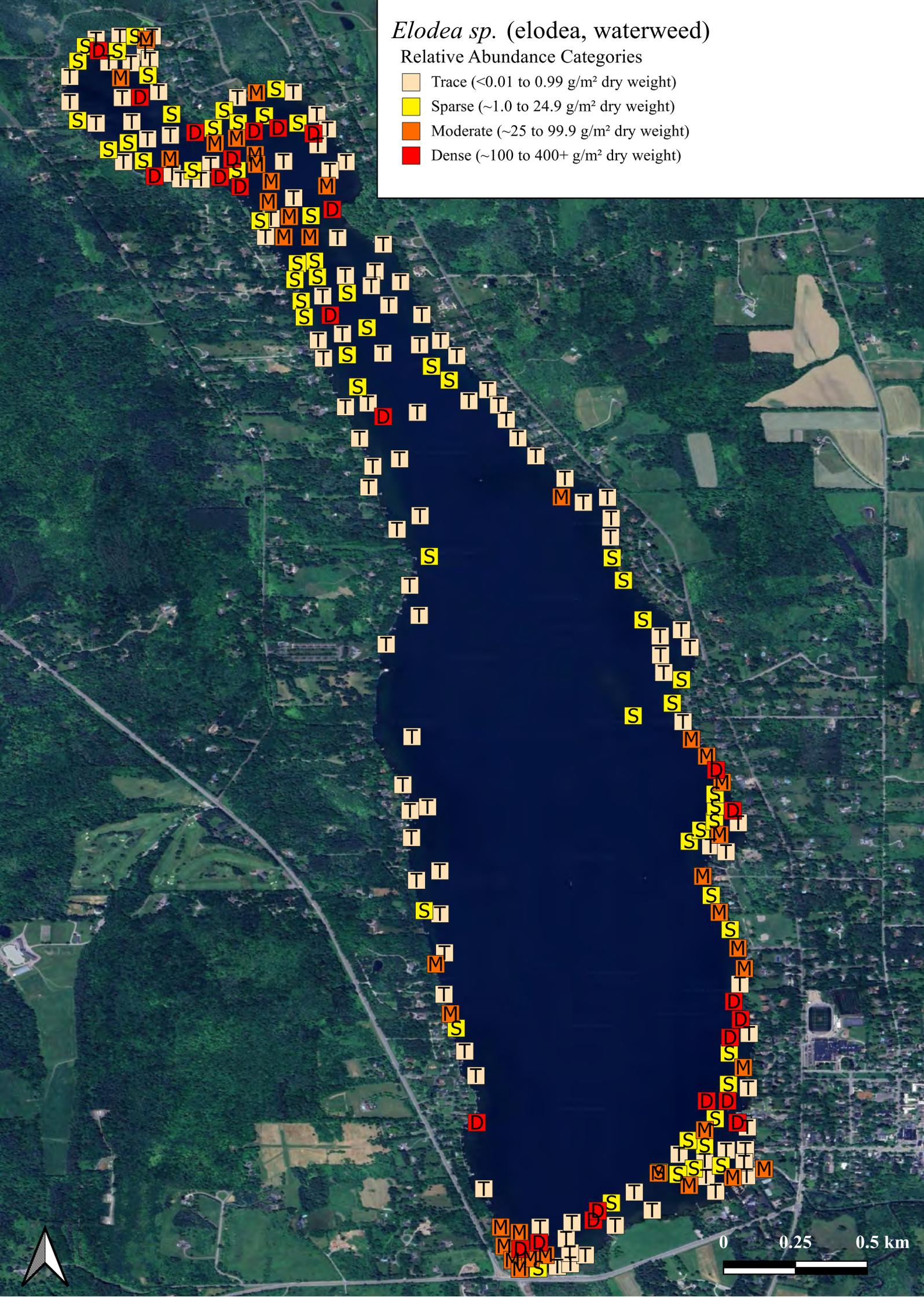
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- Moderate (~25 to 99.9 g/m² dry weight)
- Dense (~100 to 400+ g/m² dry weight)



Elodea sp. (elodea, waterweed)

Relative Abundance Categories

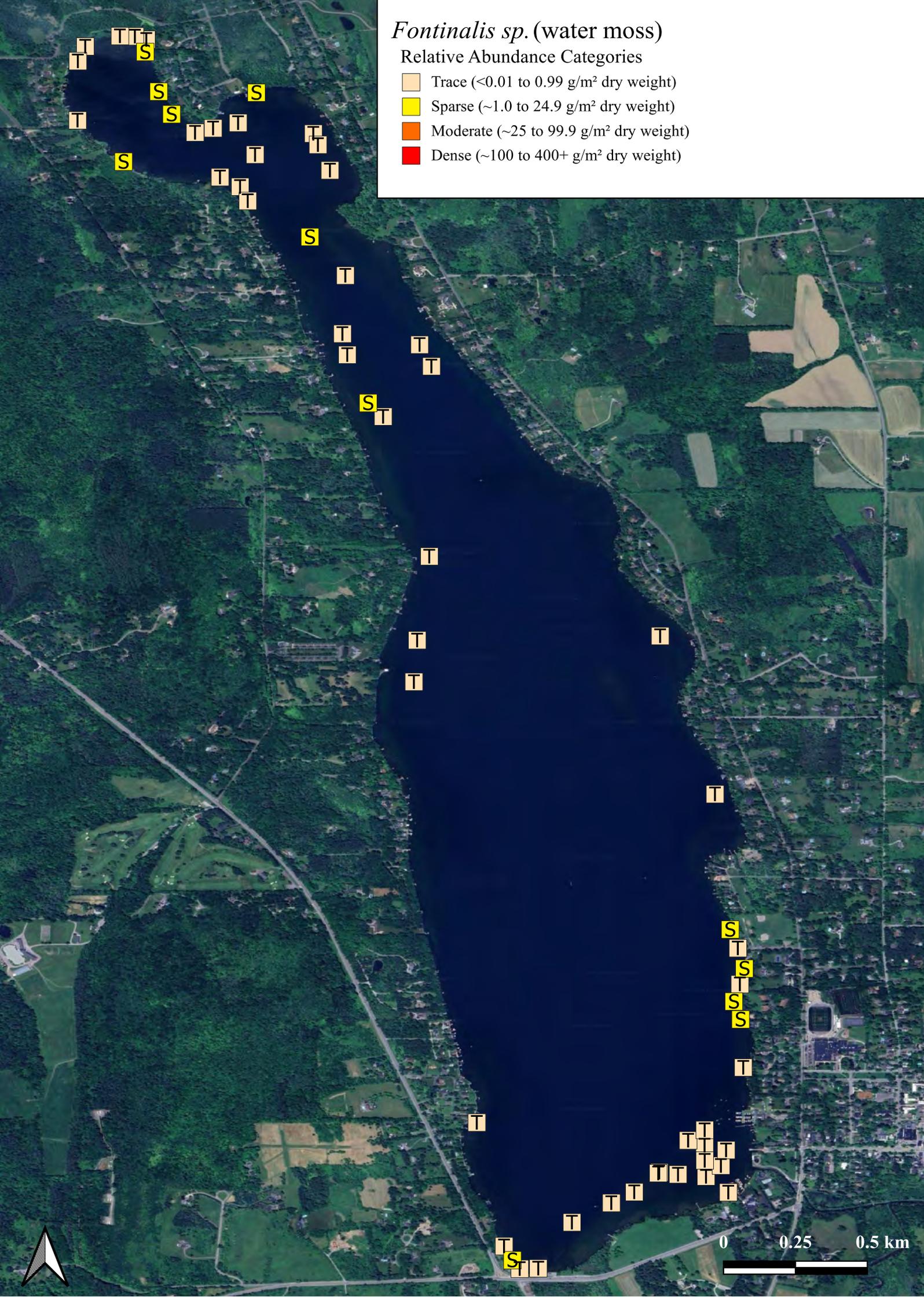
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- Moderate (~25 to 99.9 g/m² dry weight)
- Dense (~100 to 400+ g/m² dry weight)



Fontinalis sp. (water moss)

Relative Abundance Categories

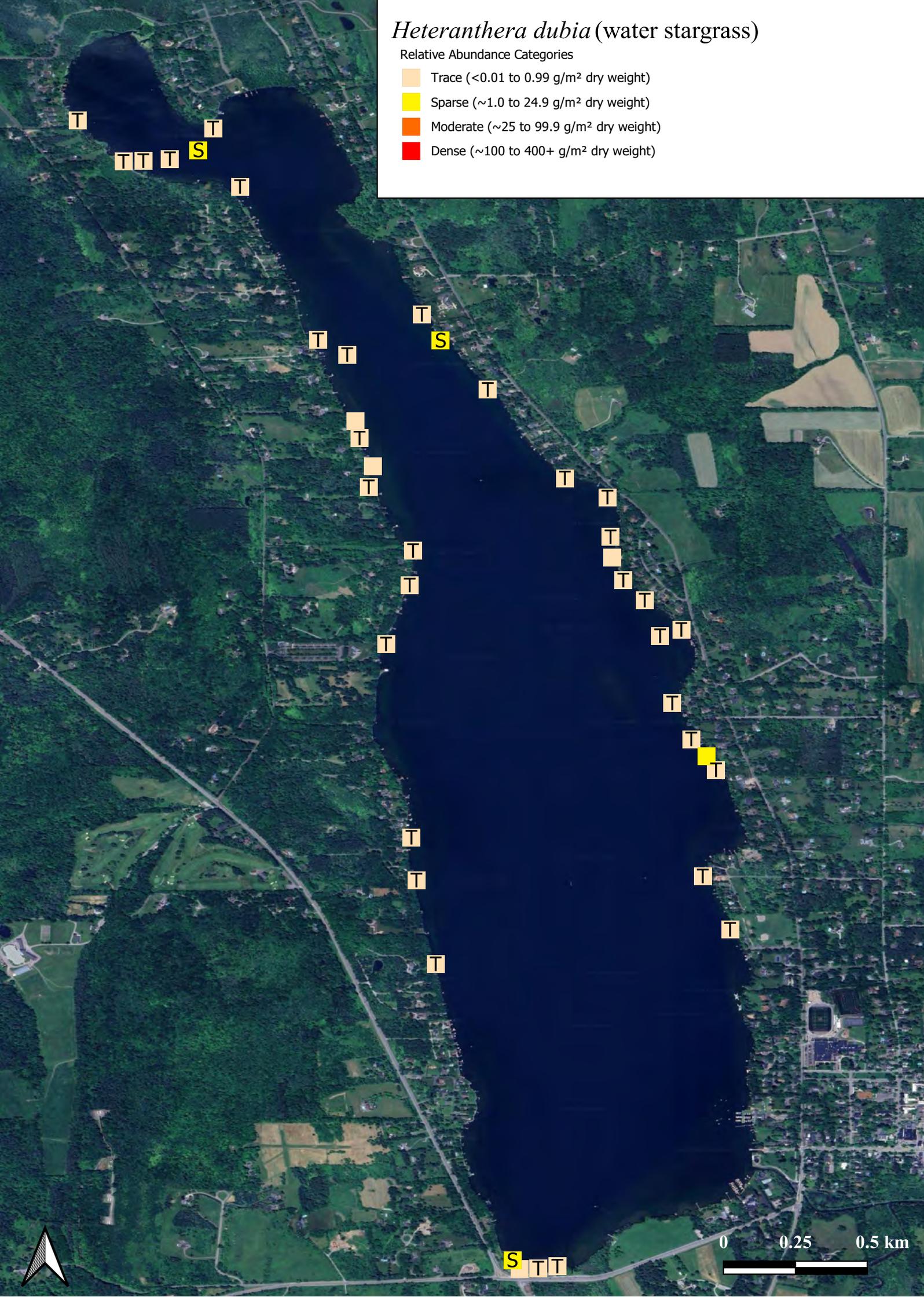
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- Dense (~100 to 400+ g/m² dry weight)



Heteranthera dubia (water stargrass)

Relative Abundance Categories

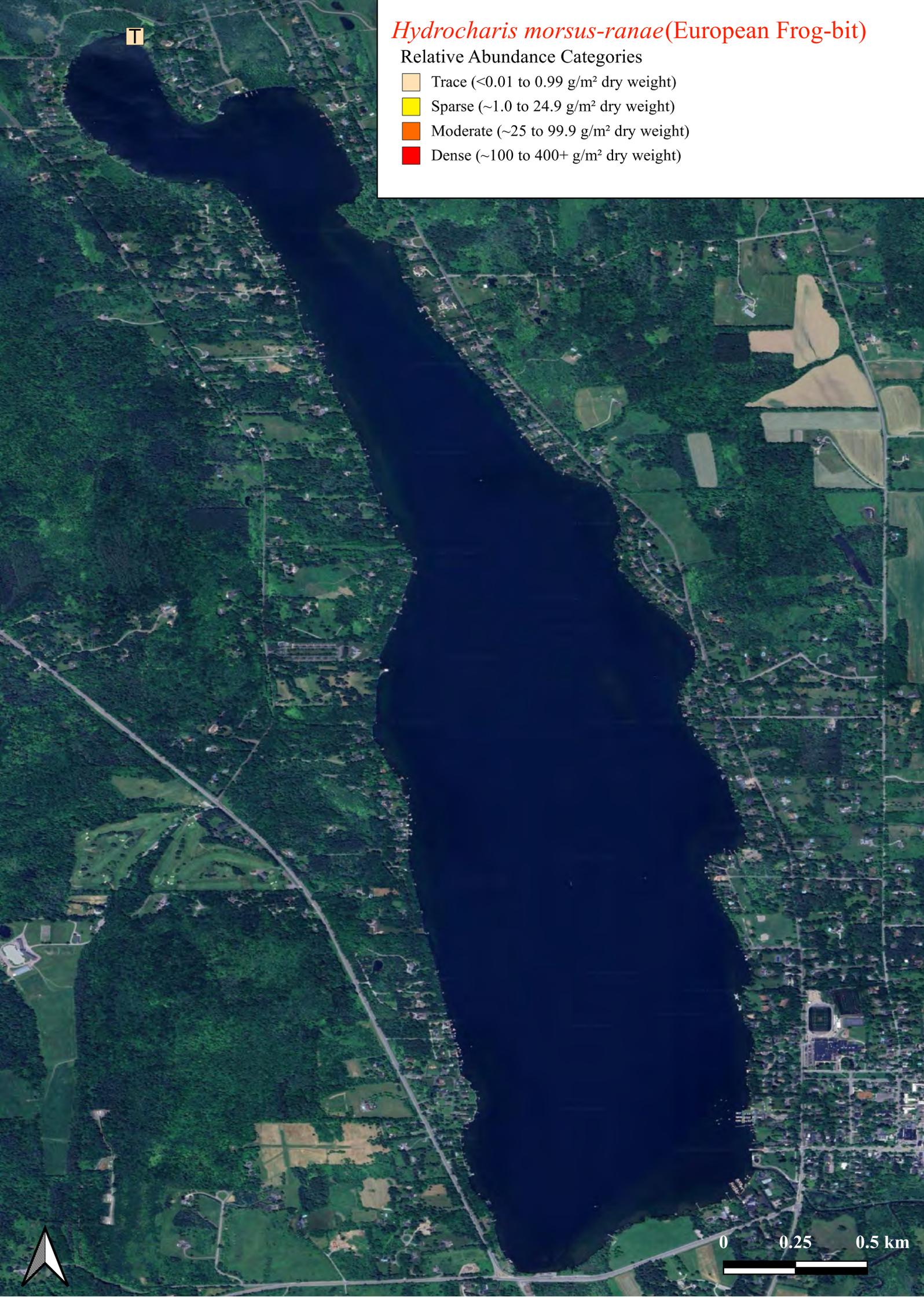
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- Moderate (~25 to 99.9 g/m² dry weight)
- Dense (~100 to 400+ g/m² dry weight)



Hydrocharis morsus-ranae (European Frog-bit)

Relative Abundance Categories

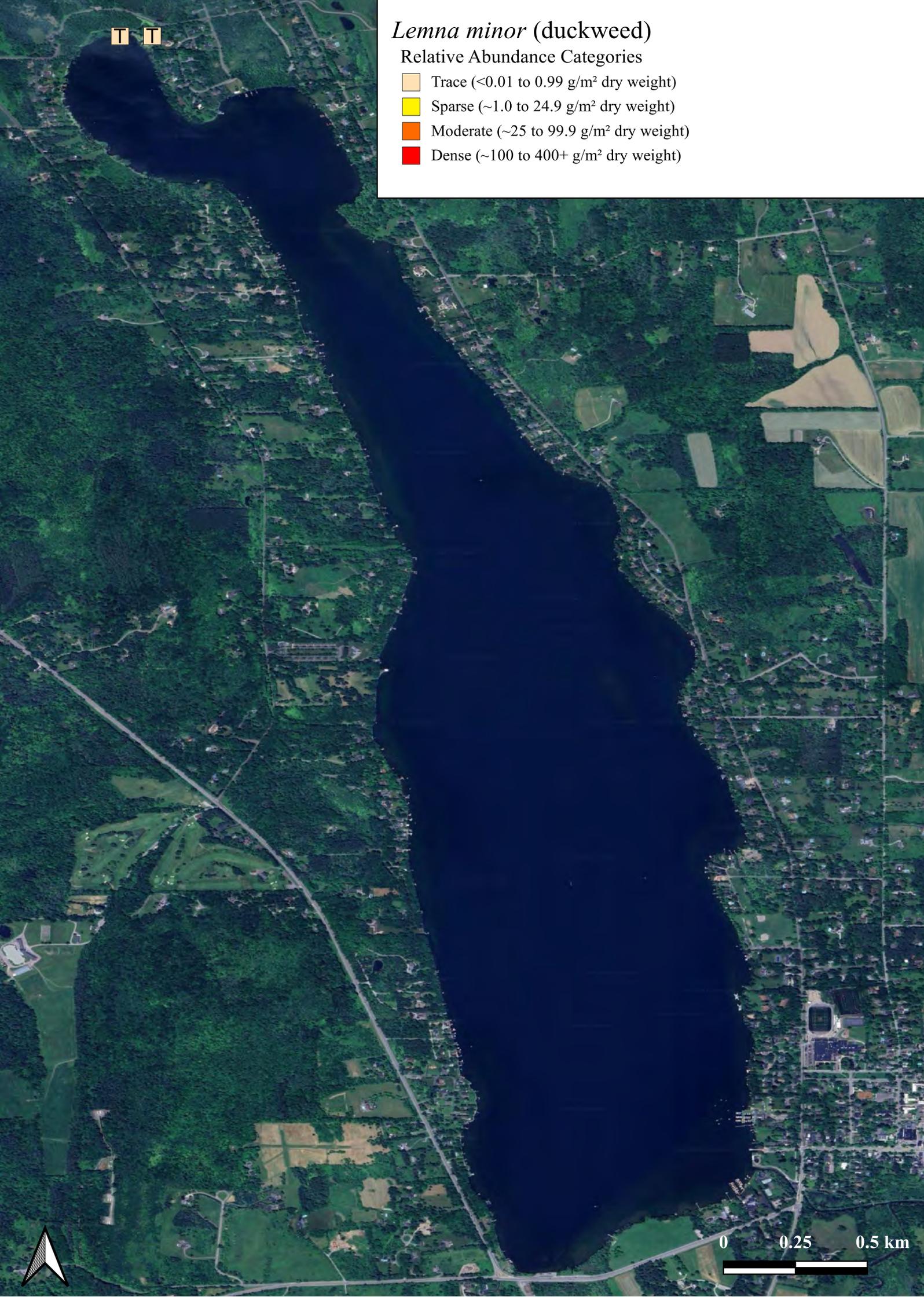
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- Moderate (~25 to 99.9 g/m² dry weight)
- Dense (~100 to 400+ g/m² dry weight)



Lemna minor (duckweed)

Relative Abundance Categories

-  Trace (<math><0.01</math> to 0.99 g/m² dry weight)
-  Sparse (~1.0 to 24.9 g/m² dry weight)
-  Moderate (~25 to 99.9 g/m² dry weight)
-  Dense (~100 to 400+ g/m² dry weight)



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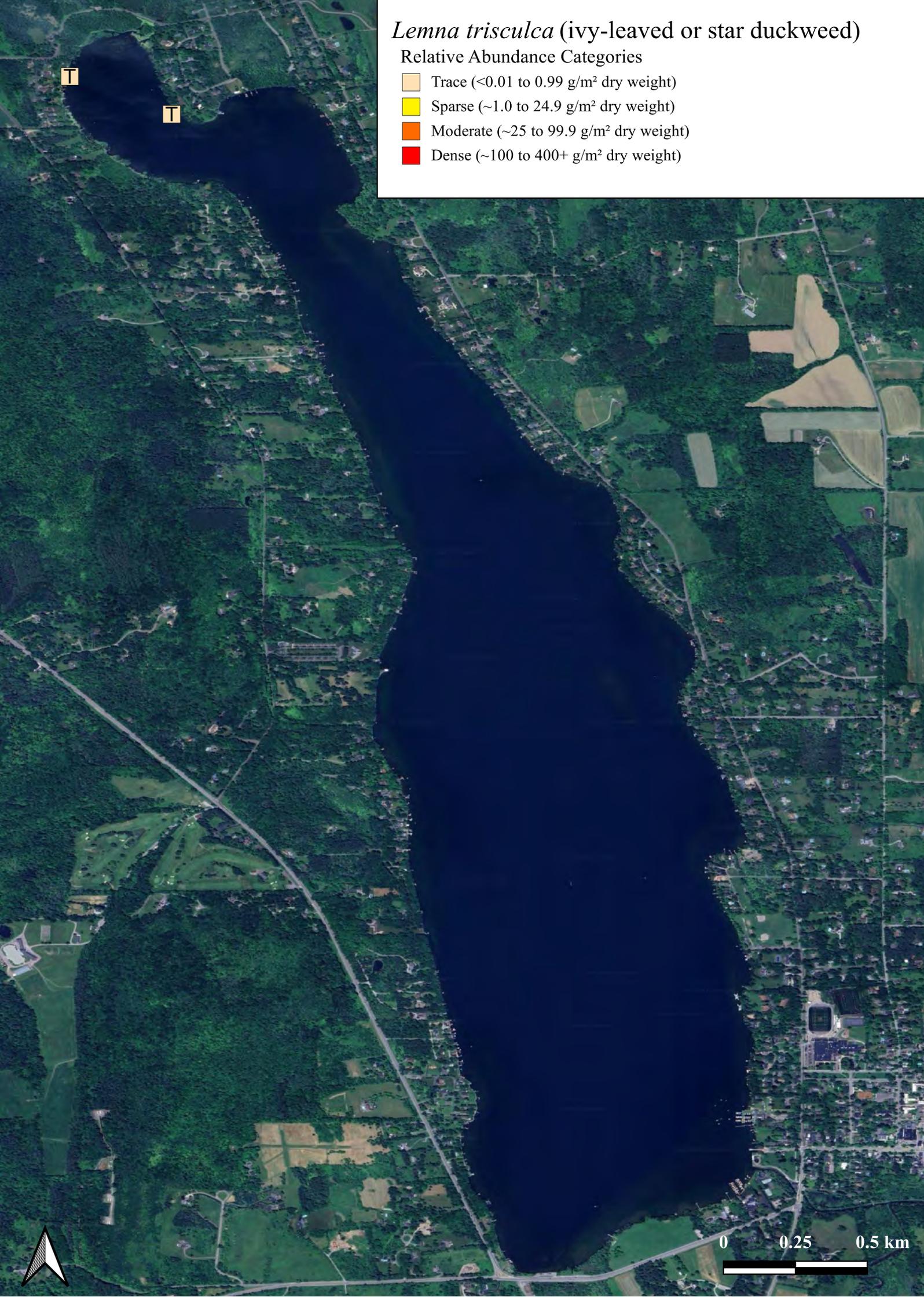
0 0.25 0.5 km



Lemna trisulca (ivy-leaved or star duckweed)

Relative Abundance Categories

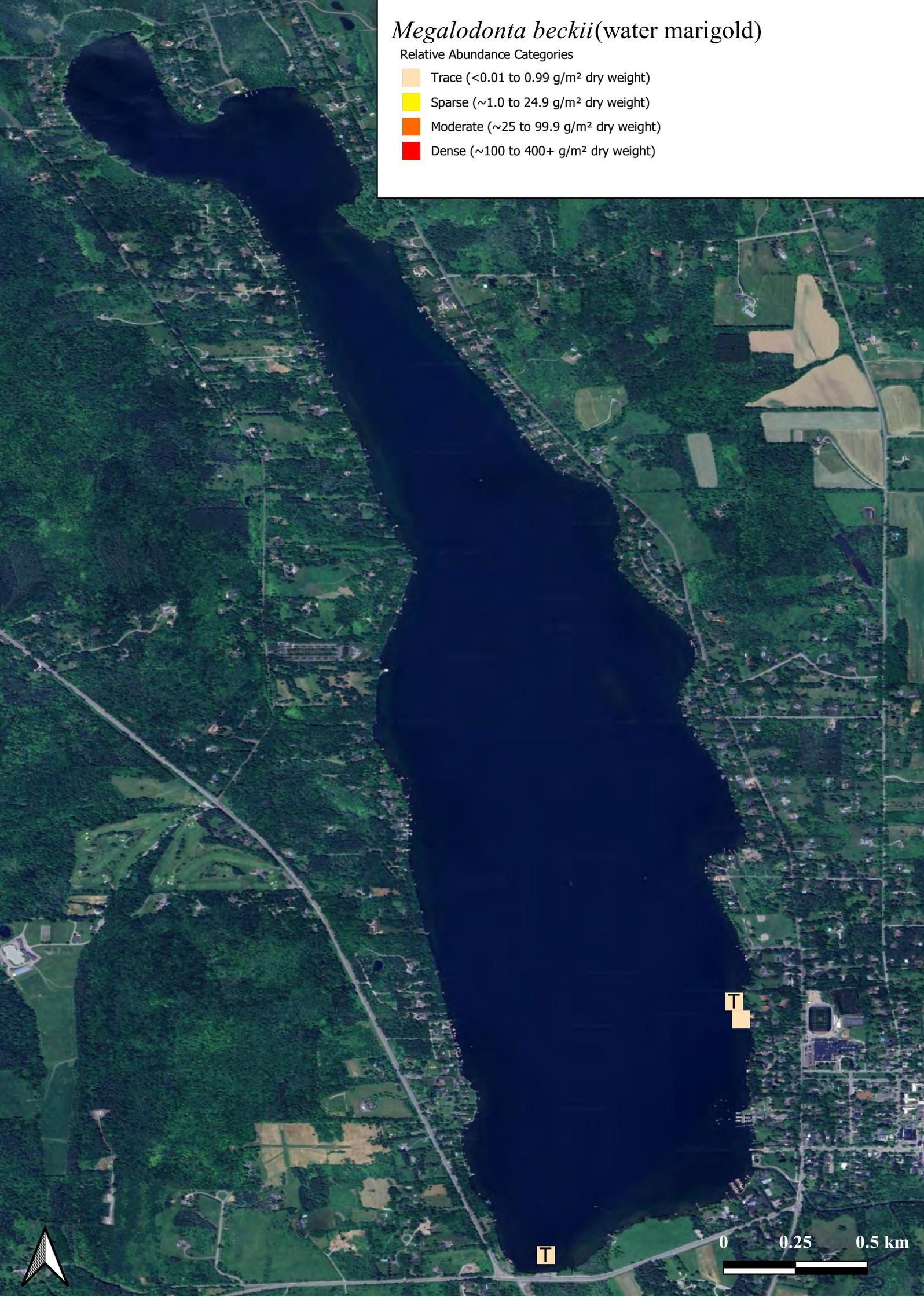
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-  Moderate (~25 to 99.9 g/m² dry weight)
-  Dense (~100 to 400+ g/m² dry weight)



Megalodonta beckii (water marigold)

Relative Abundance Categories

- Trace (<0.01 to 0.99 g/m² dry weight)
- Sparse (~1.0 to 24.9 g/m² dry weight)
- Moderate (~25 to 99.9 g/m² dry weight)
- Dense (~100 to 400+ g/m² dry weight)



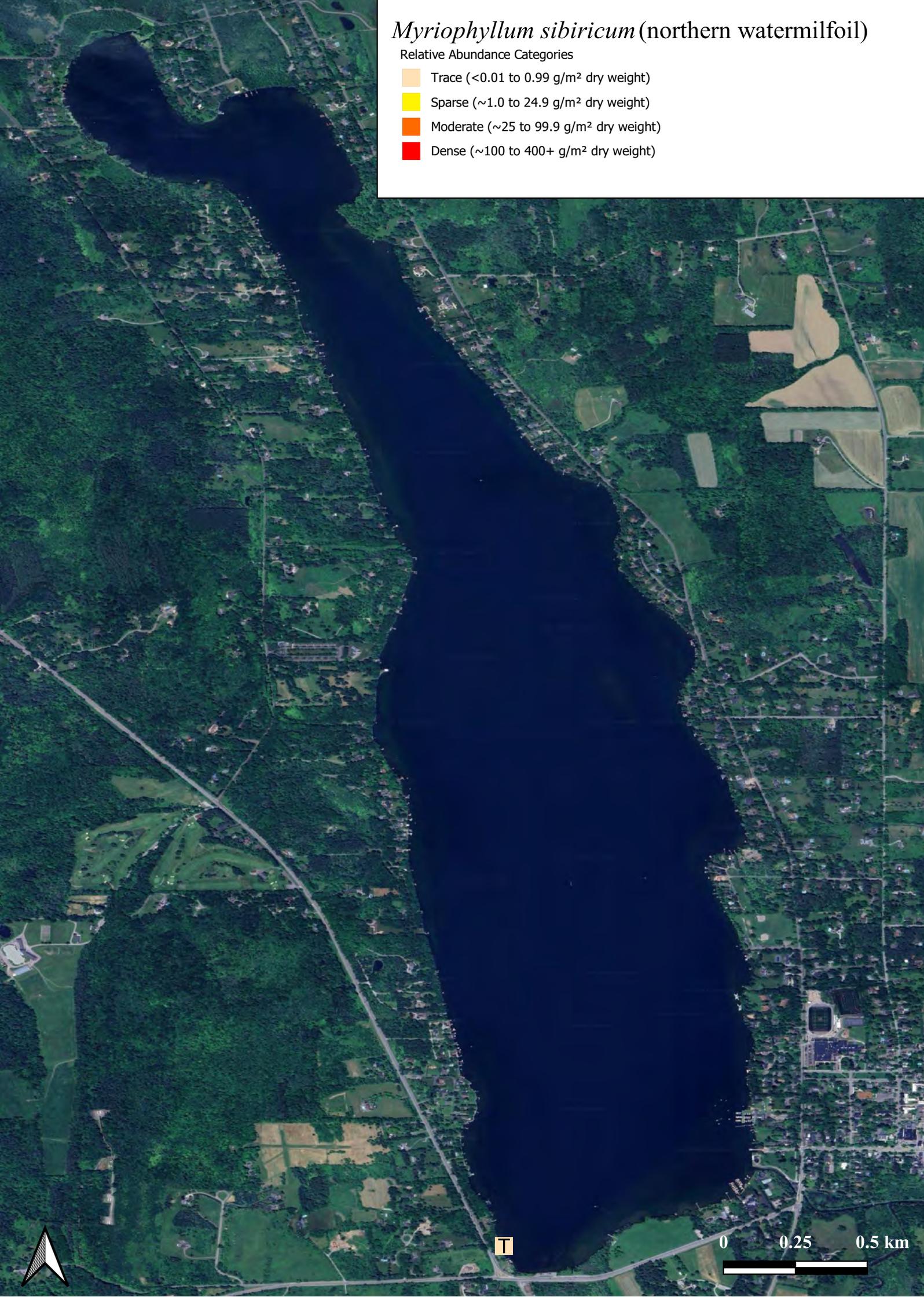
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Myriophyllum sibiricum (northern watermilfoil)

Relative Abundance Categories

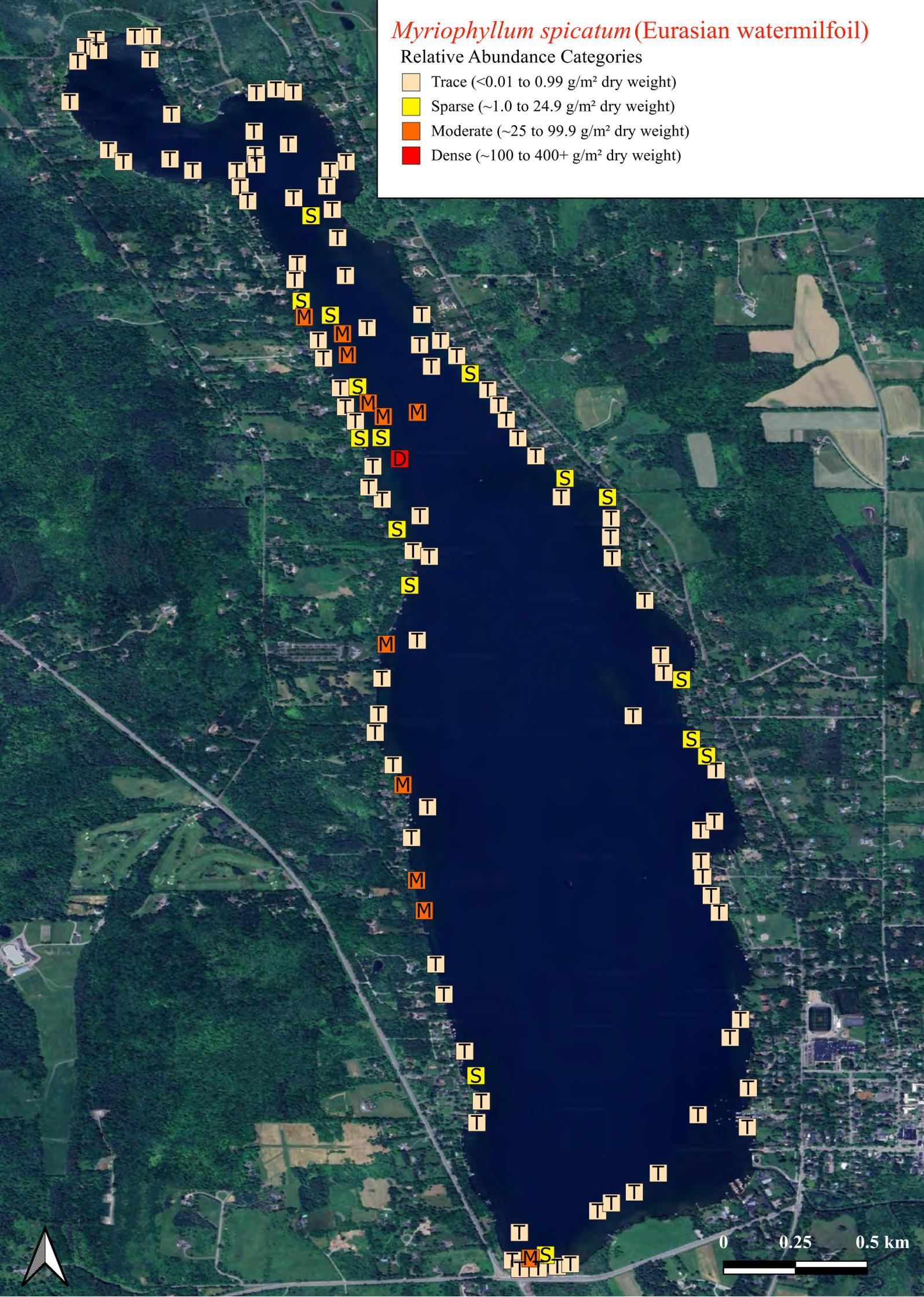
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- Sparse (~1.0 to 24.9 g/m² dry weight)
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- Dense (~100 to 400+ g/m² dry weight)



Myriophyllum spicatum (Eurasian watermilfoil)

Relative Abundance Categories

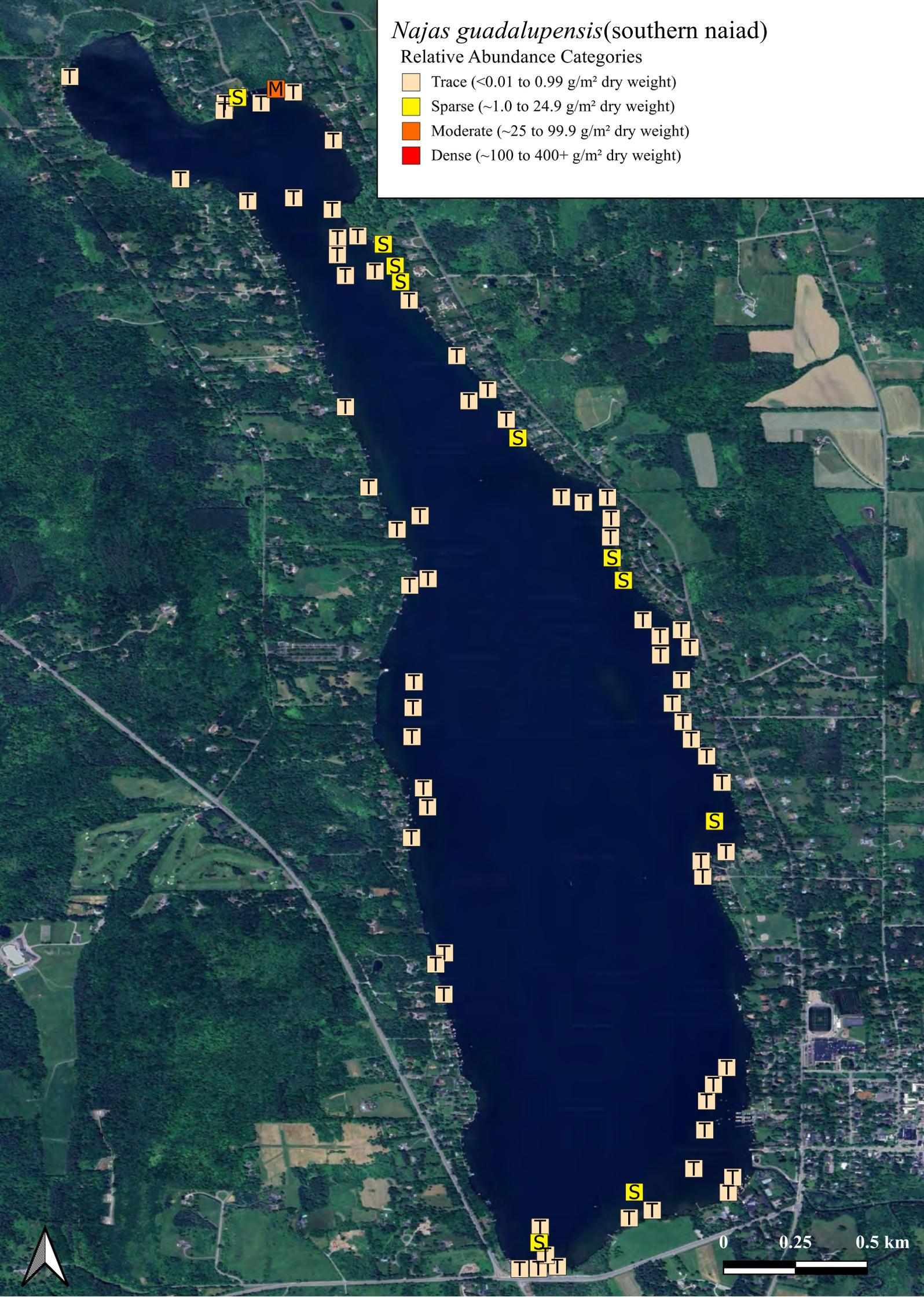
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- Sparse (~1.0 to 24.9 g/m² dry weight)
- Moderate (~25 to 99.9 g/m² dry weight)
- Dense (~100 to 400+ g/m² dry weight)



Najas guadalupensis (southern naiad)

Relative Abundance Categories

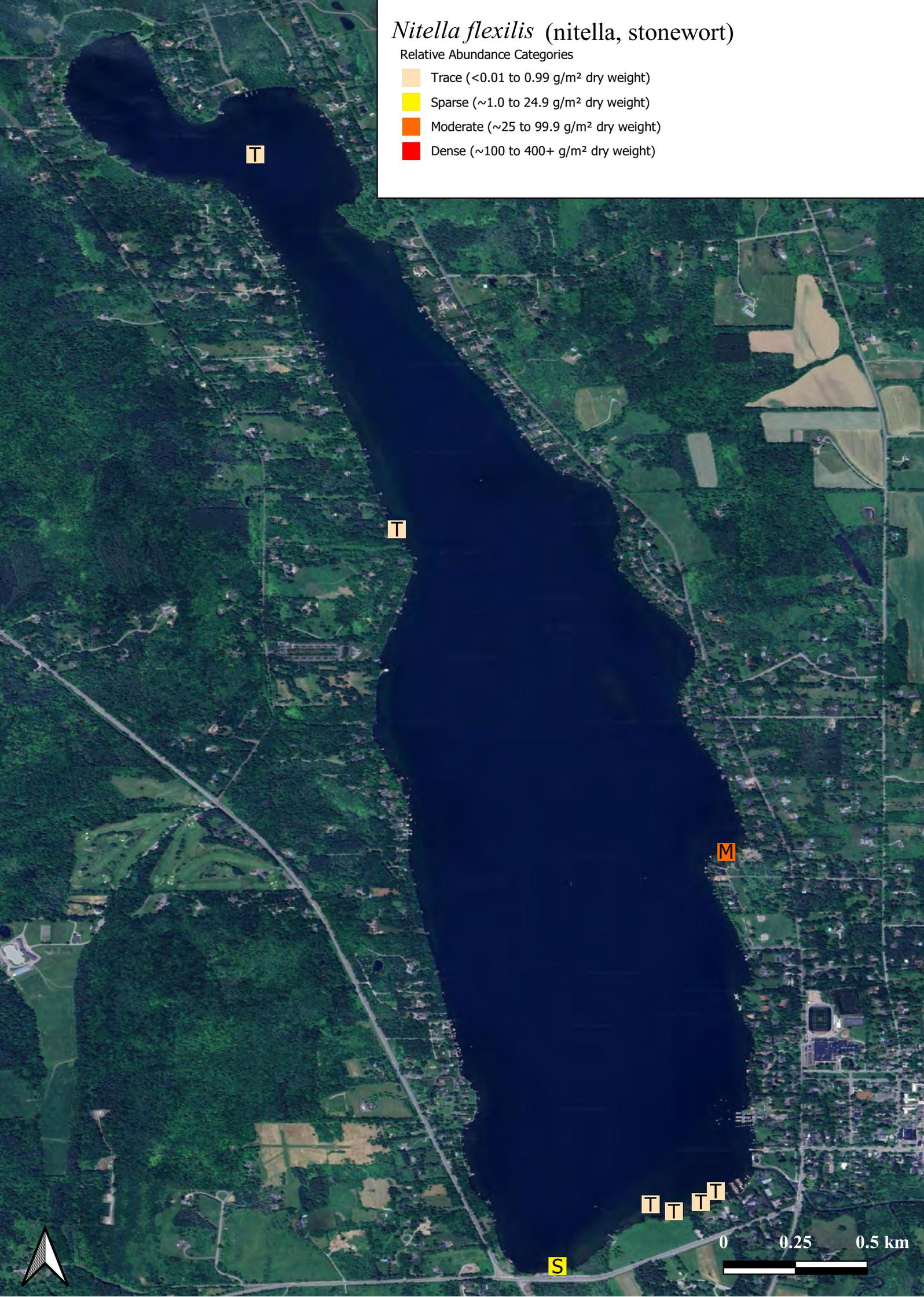
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- Dense (~100 to 400+ g/m² dry weight)



Nitella flexilis (nitella, stonewort)

Relative Abundance Categories

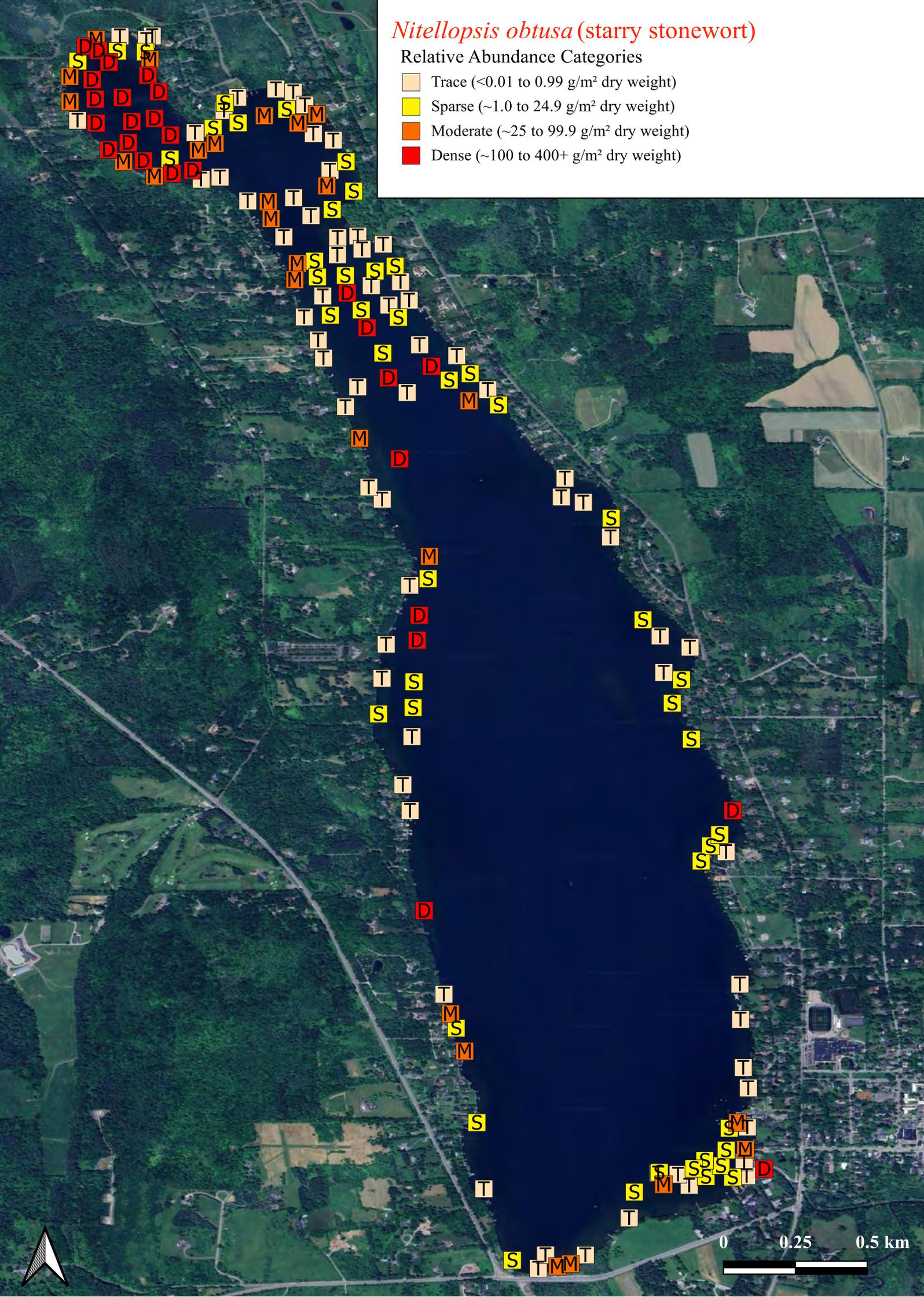
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- Moderate (~25 to 99.9 g/m² dry weight)
- Dense (~100 to 400+ g/m² dry weight)



Nitellopsis obtusa (starry stonewort)

Relative Abundance Categories

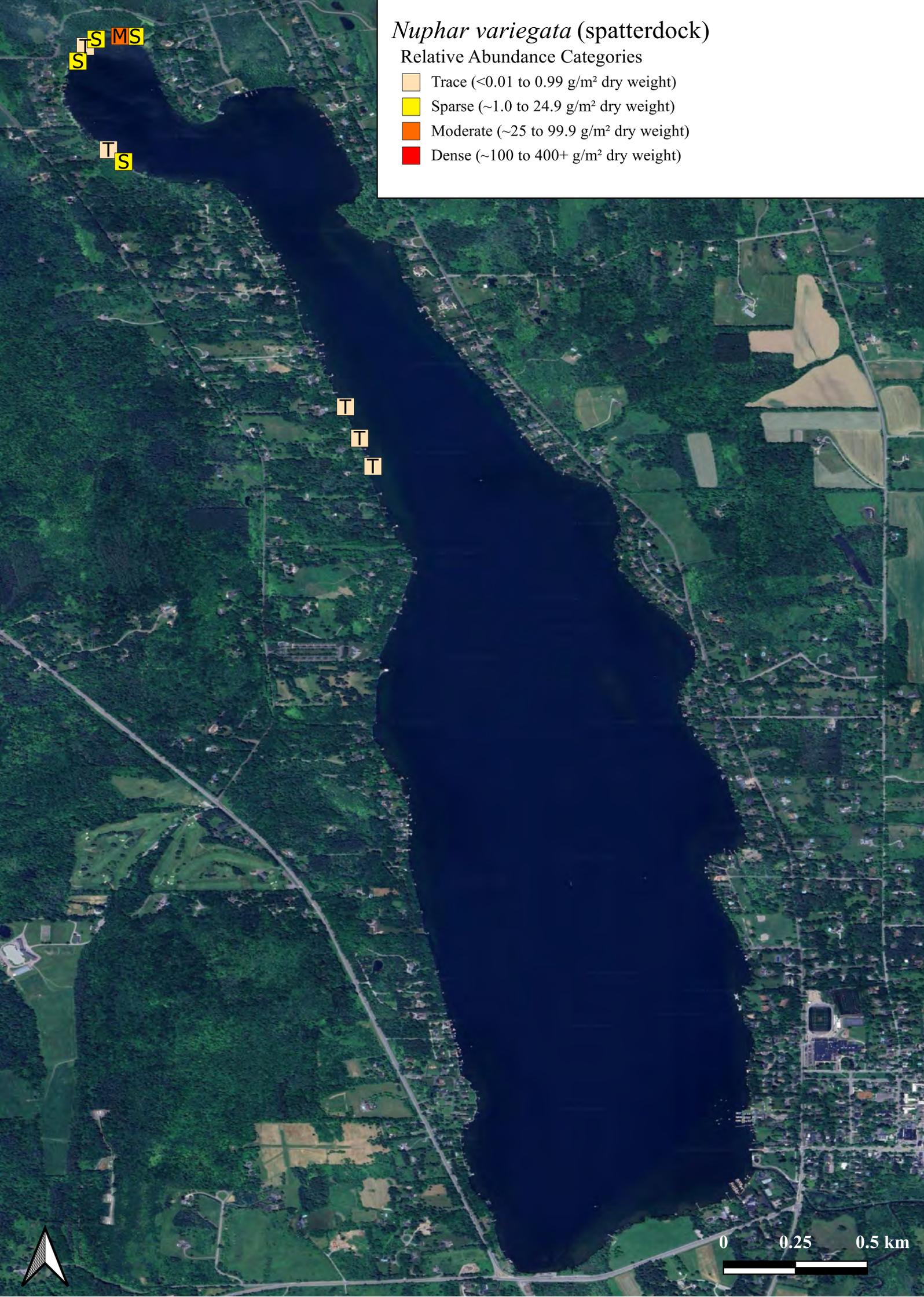
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- Dense (~100 to 400+ g/m² dry weight)



Nuphar variegata (spatterdock)

Relative Abundance Categories

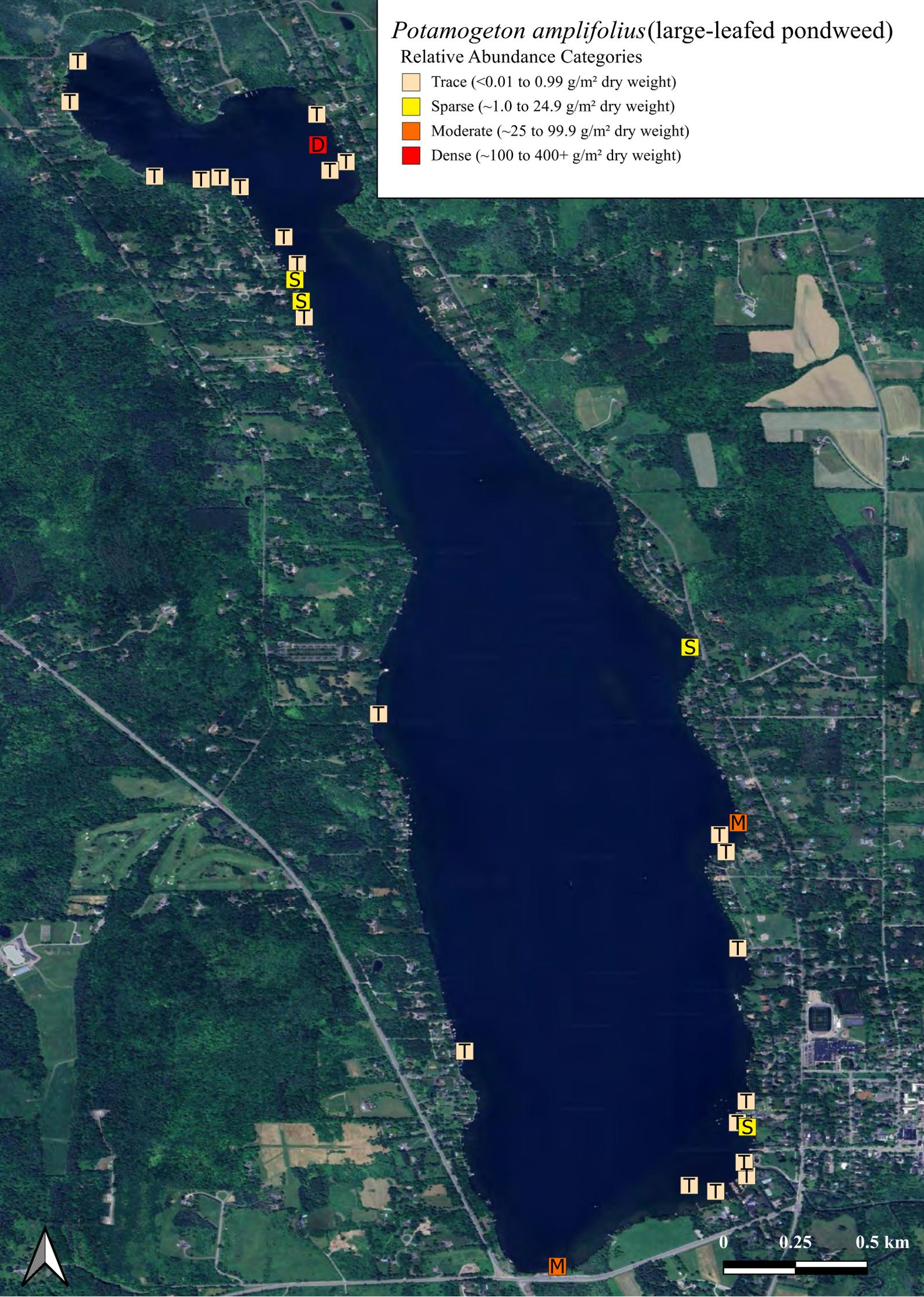
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- Sparse (~1.0 to 24.9 g/m² dry weight)
- Moderate (~25 to 99.9 g/m² dry weight)
- Dense (~100 to 400+ g/m² dry weight)



Potamogeton amplifolius (large-leafed pondweed)

Relative Abundance Categories

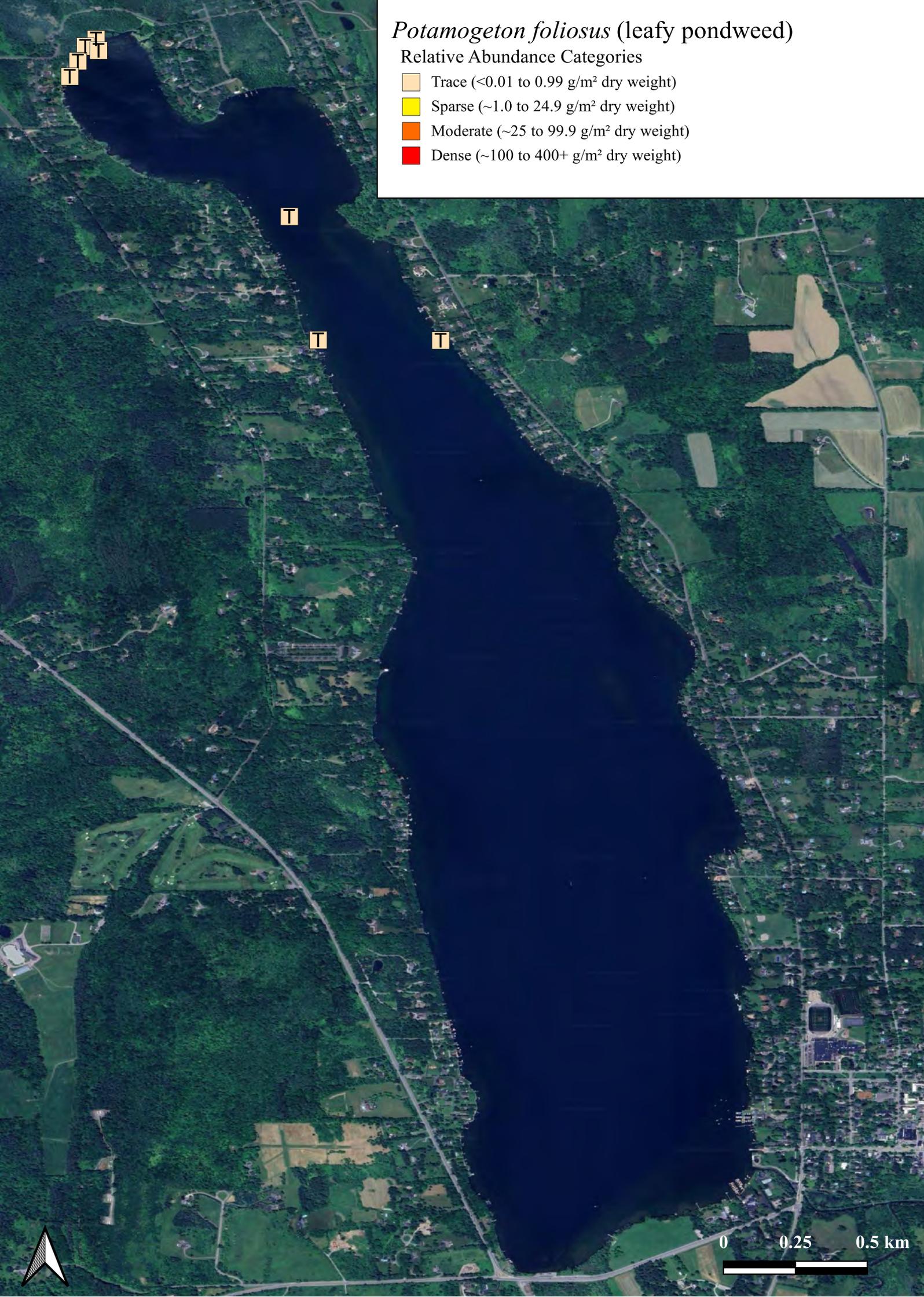
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- Dense (~100 to 400+ g/m² dry weight)



Potamogeton foliosus (leafy pondweed)

Relative Abundance Categories

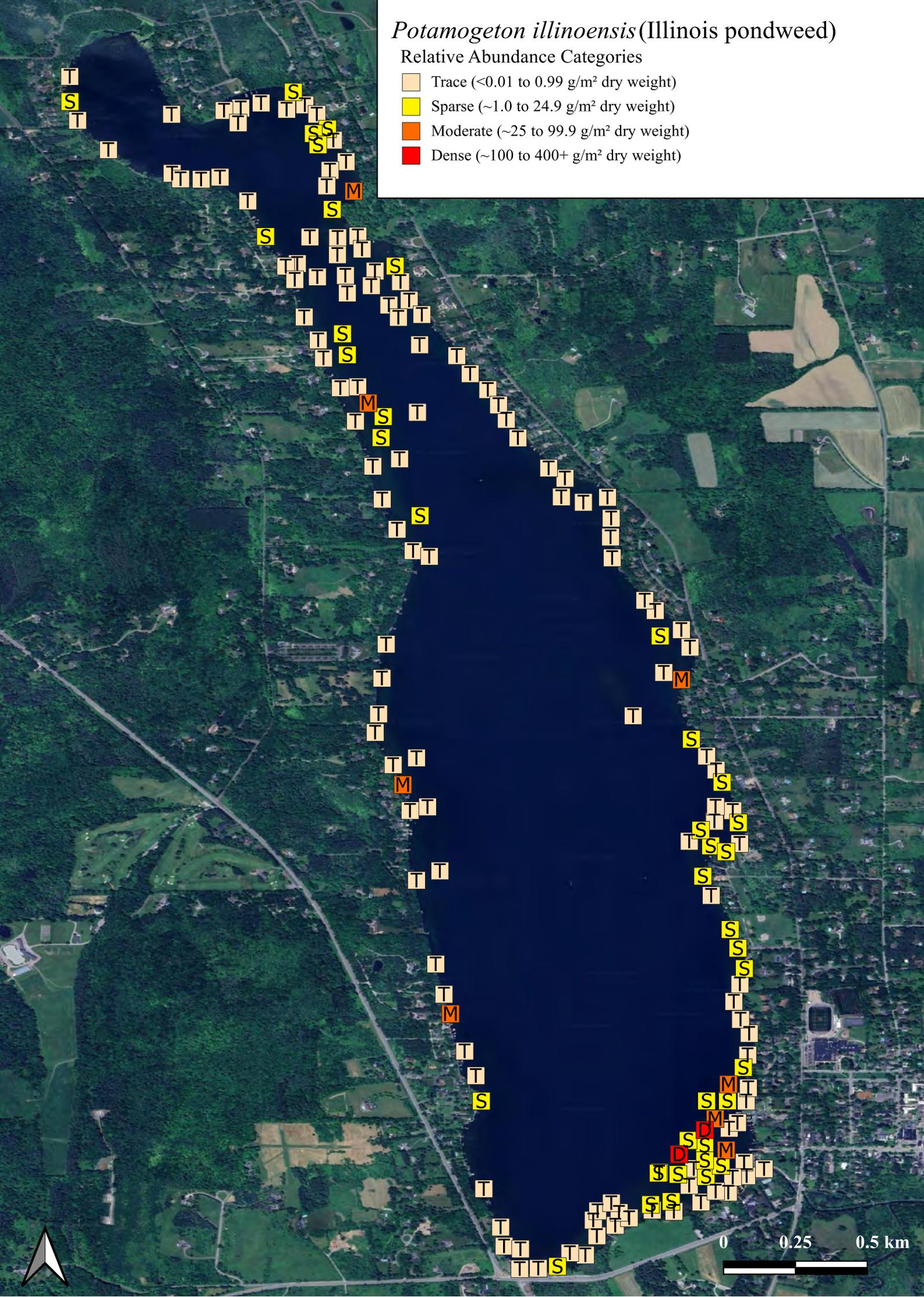
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- Moderate (~25 to 99.9 g/m² dry weight)
- Dense (~100 to 400+ g/m² dry weight)



Potamogeton illinoensis (Illinois pondweed)

Relative Abundance Categories

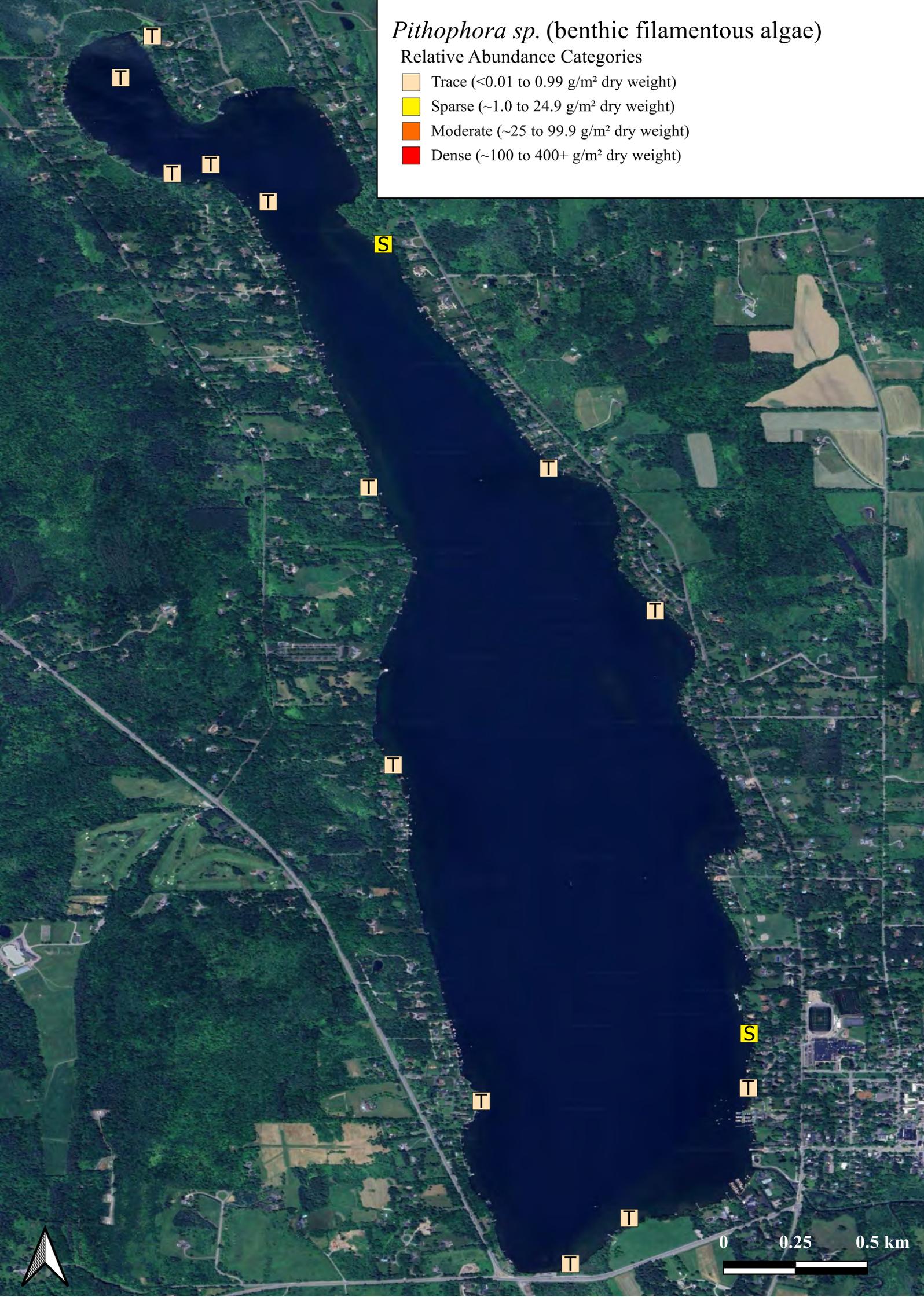
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- Moderate (~25 to 99.9 g/m² dry weight)
- Dense (~100 to 400+ g/m² dry weight)



Pithophora sp. (benthic filamentous algae)

Relative Abundance Categories

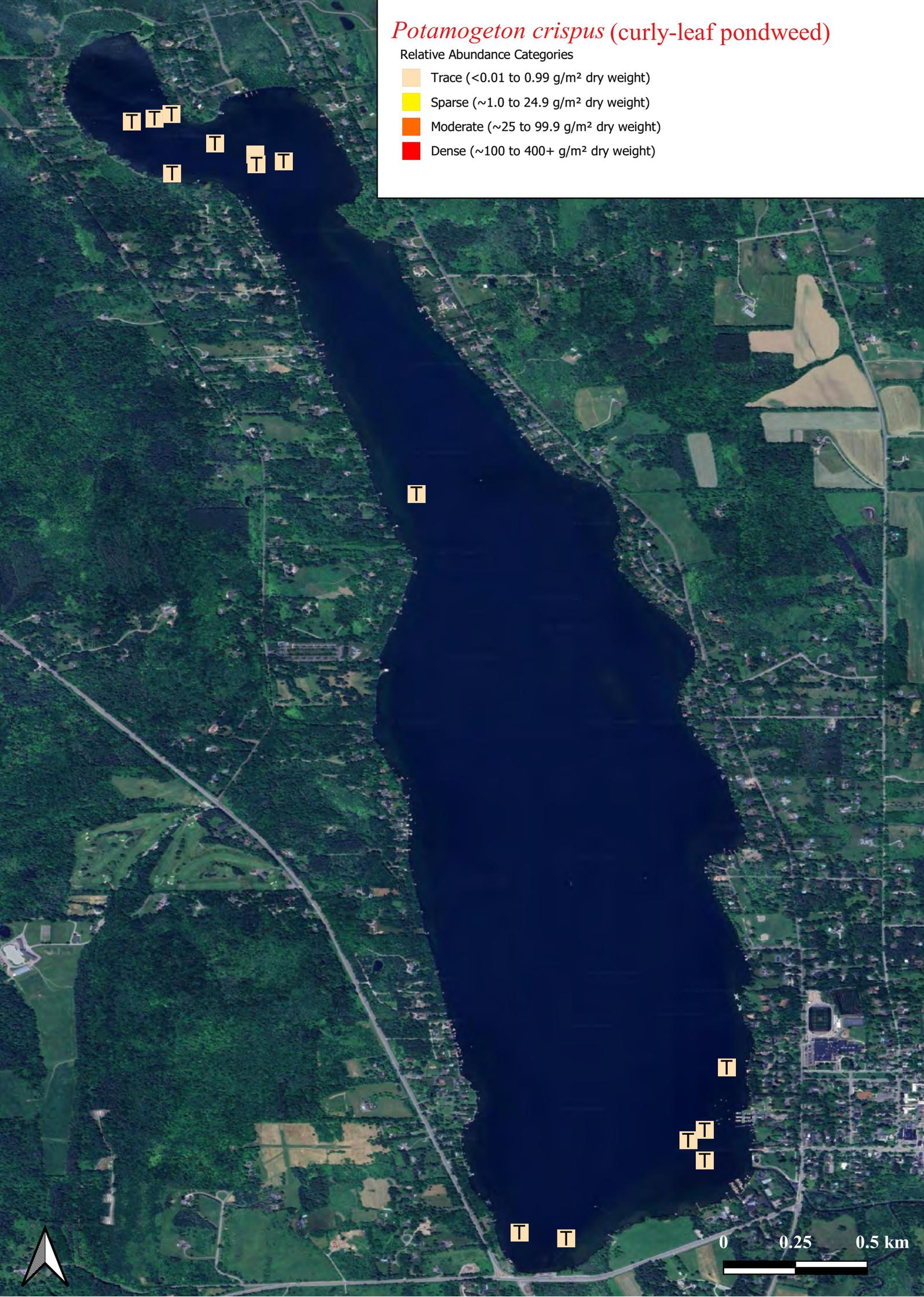
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- Sparse (~1.0 to 24.9 g/m² dry weight)
- Moderate (~25 to 99.9 g/m² dry weight)
- Dense (~100 to 400+ g/m² dry weight)



Potamogeton crispus (curly-leaf pondweed)

Relative Abundance Categories

- Trace (<0.01 to 0.99 g/m² dry weight)
- Sparse (~1.0 to 24.9 g/m² dry weight)
- Moderate (~25 to 99.9 g/m² dry weight)
- Dense (~100 to 400+ g/m² dry weight)

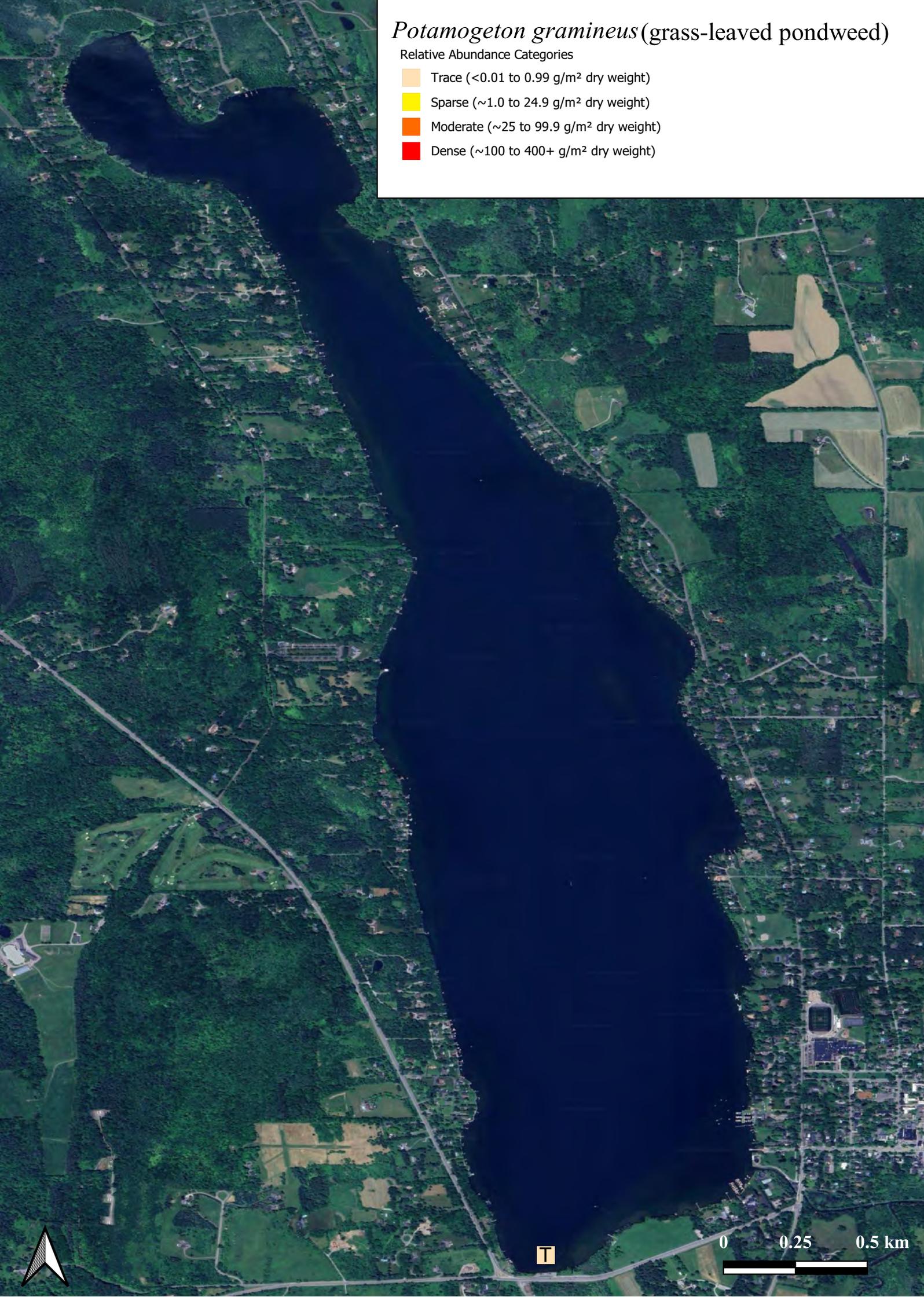


0 0.25 0.5 km

Potamogeton gramineus (grass-leaved pondweed)

Relative Abundance Categories

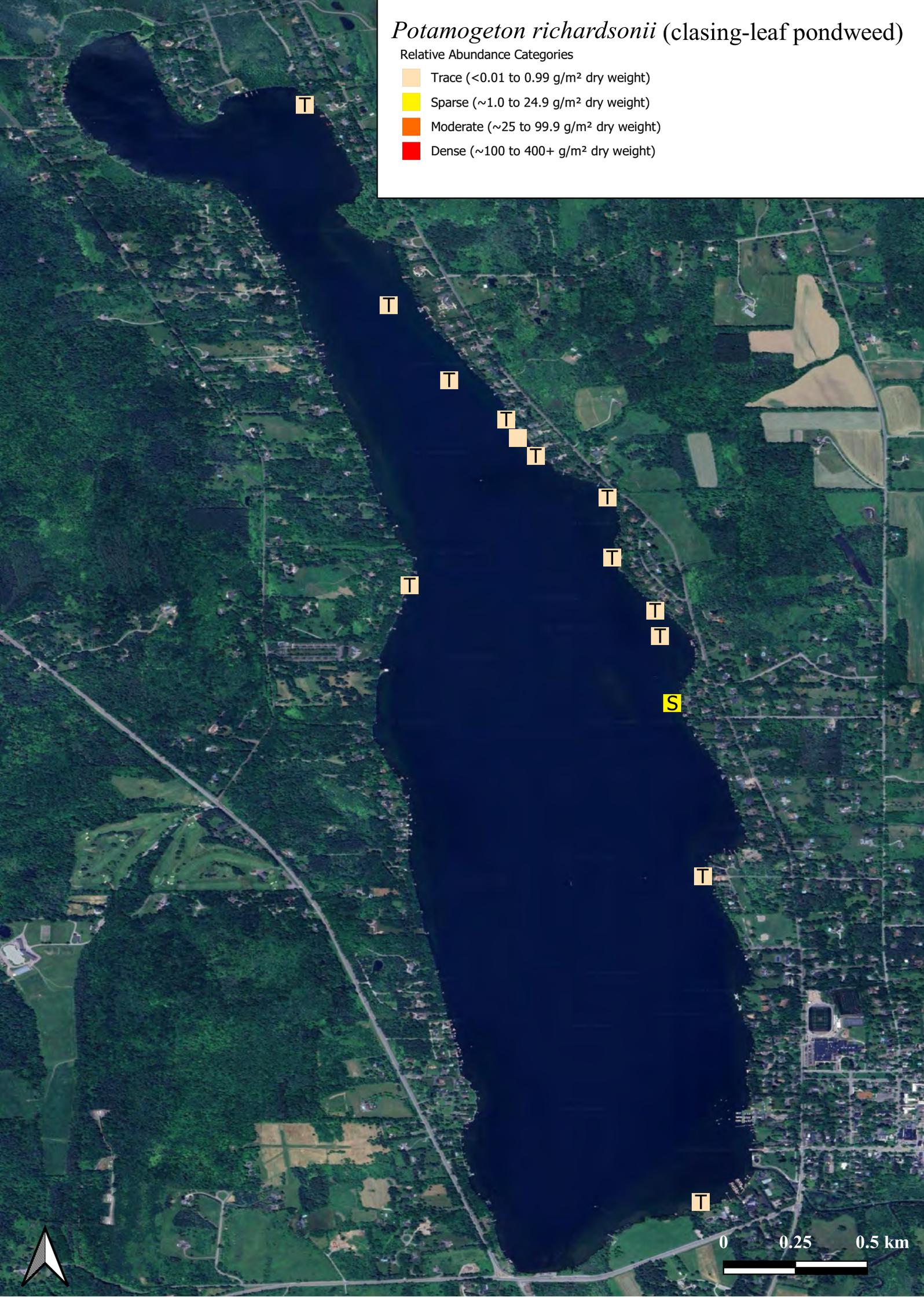
- Trace (<0.01 to 0.99 g/m² dry weight)
- Sparse (~1.0 to 24.9 g/m² dry weight)
- Moderate (~25 to 99.9 g/m² dry weight)
- Dense (~100 to 400+ g/m² dry weight)



Potamogeton richardsonii (clasing-leaf pondweed)

Relative Abundance Categories

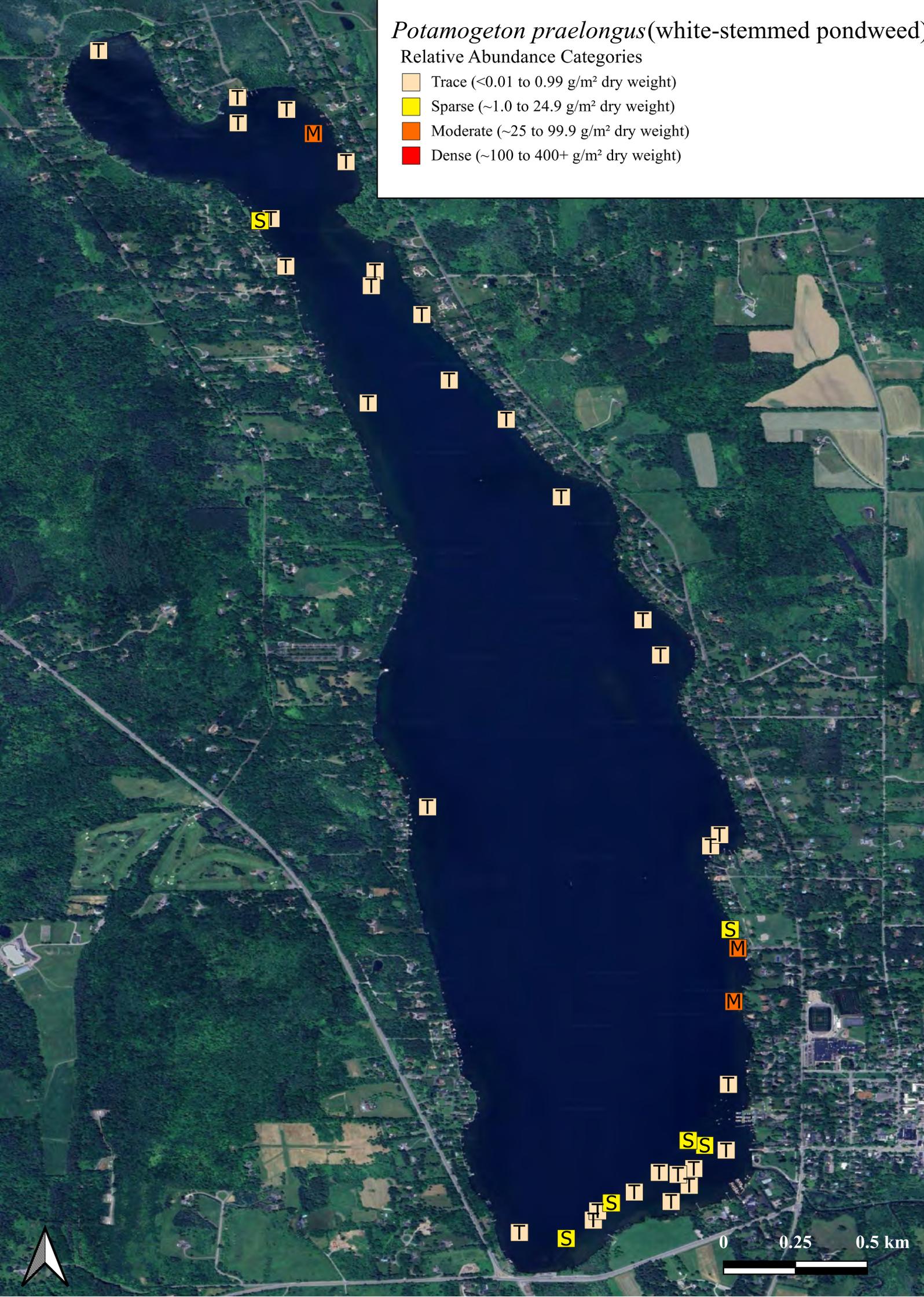
- Trace (<0.01 to 0.99 g/m² dry weight)
- Sparse (~1.0 to 24.9 g/m² dry weight)
- Moderate (~25 to 99.9 g/m² dry weight)
- Dense (~100 to 400+ g/m² dry weight)



Potamogeton praelongus (white-stemmed pondweed)

Relative Abundance Categories

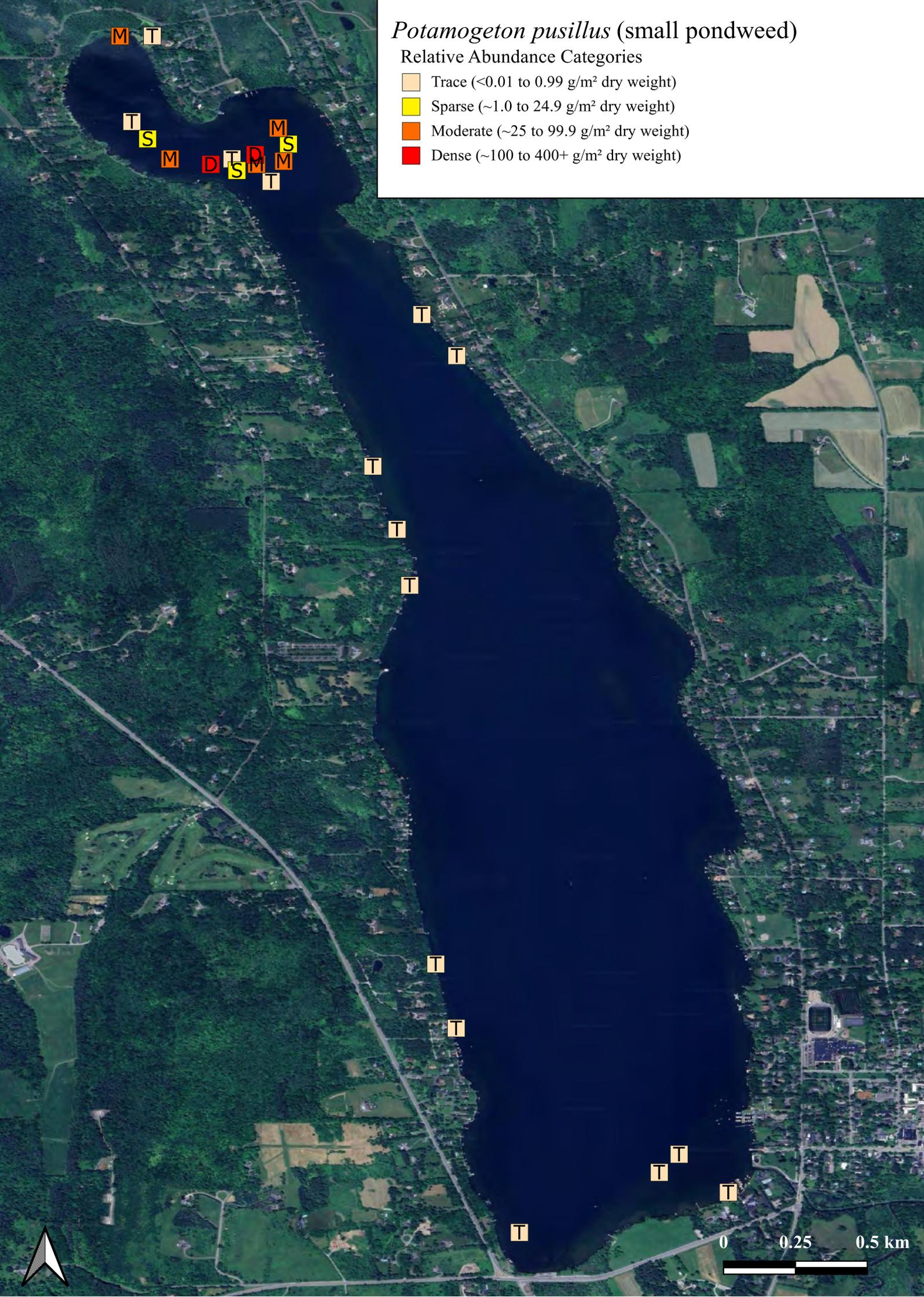
- Trace (<0.01 to 0.99 g/m² dry weight)
- Sparse (~1.0 to 24.9 g/m² dry weight)
- Moderate (~25 to 99.9 g/m² dry weight)
- Dense (~100 to 400+ g/m² dry weight)



Potamogeton pusillus (small pondweed)

Relative Abundance Categories

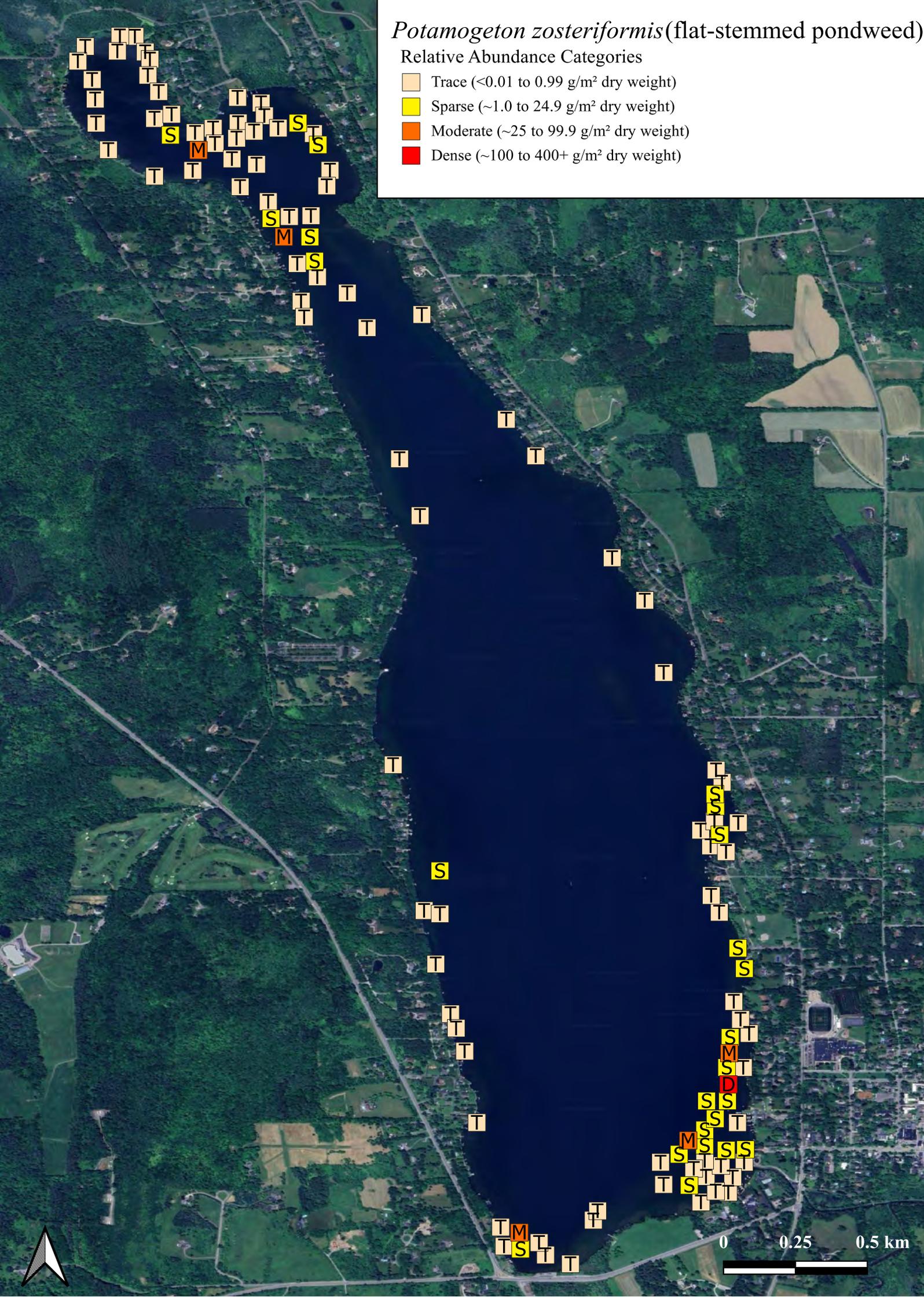
- Trace (<0.01 to 0.99 g/m² dry weight)
- Sparse (~1.0 to 24.9 g/m² dry weight)
- Moderate (~25 to 99.9 g/m² dry weight)
- Dense (~100 to 400+ g/m² dry weight)



Potamogeton zosteriformis (flat-stemmed pondweed)

Relative Abundance Categories

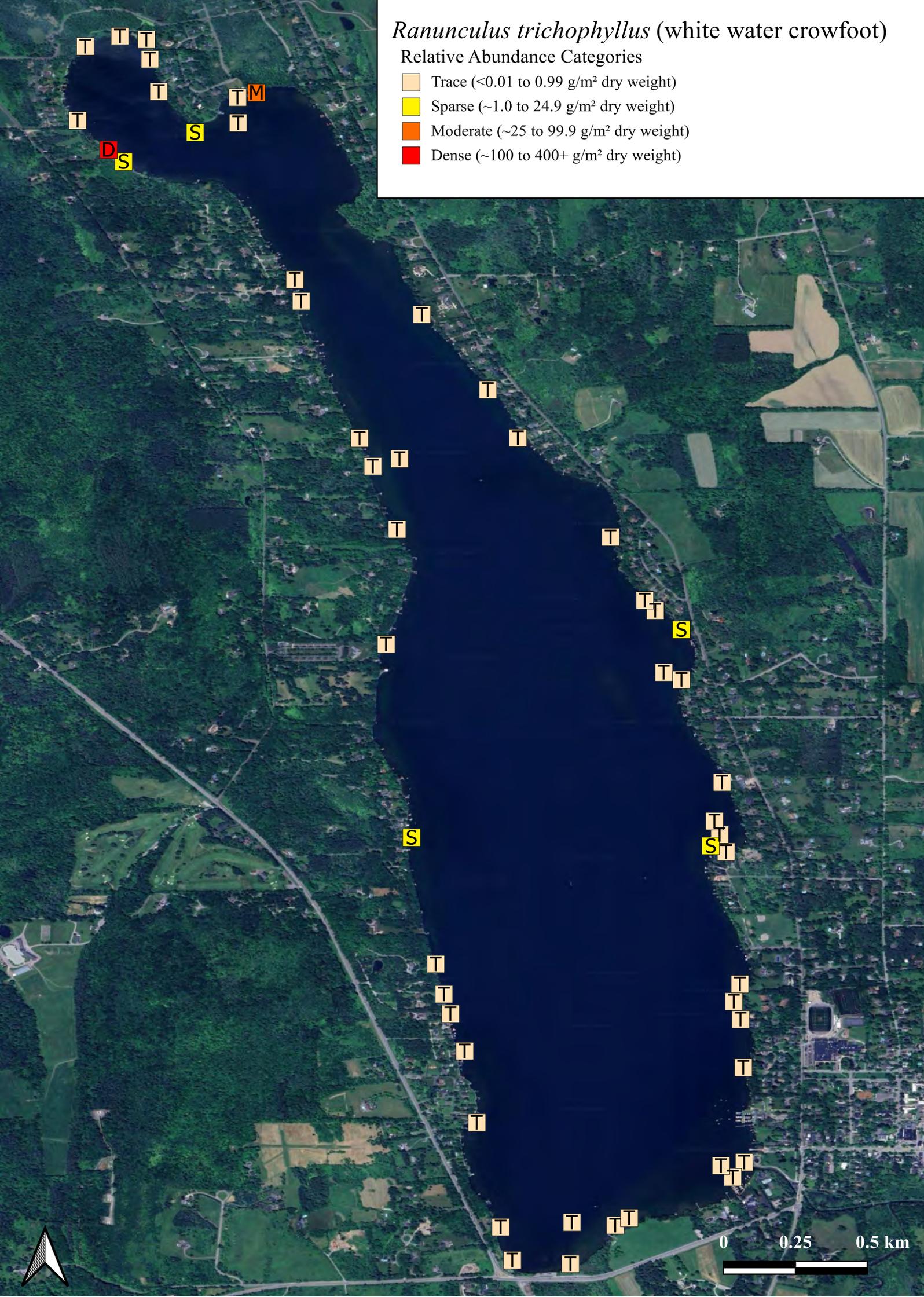
- Trace (<0.01 to 0.99 g/m² dry weight)
- Sparse (~1.0 to 24.9 g/m² dry weight)
- Moderate (~25 to 99.9 g/m² dry weight)
- Dense (~100 to 400+ g/m² dry weight)



Ranunculus trichophyllus (white water crowfoot)

Relative Abundance Categories

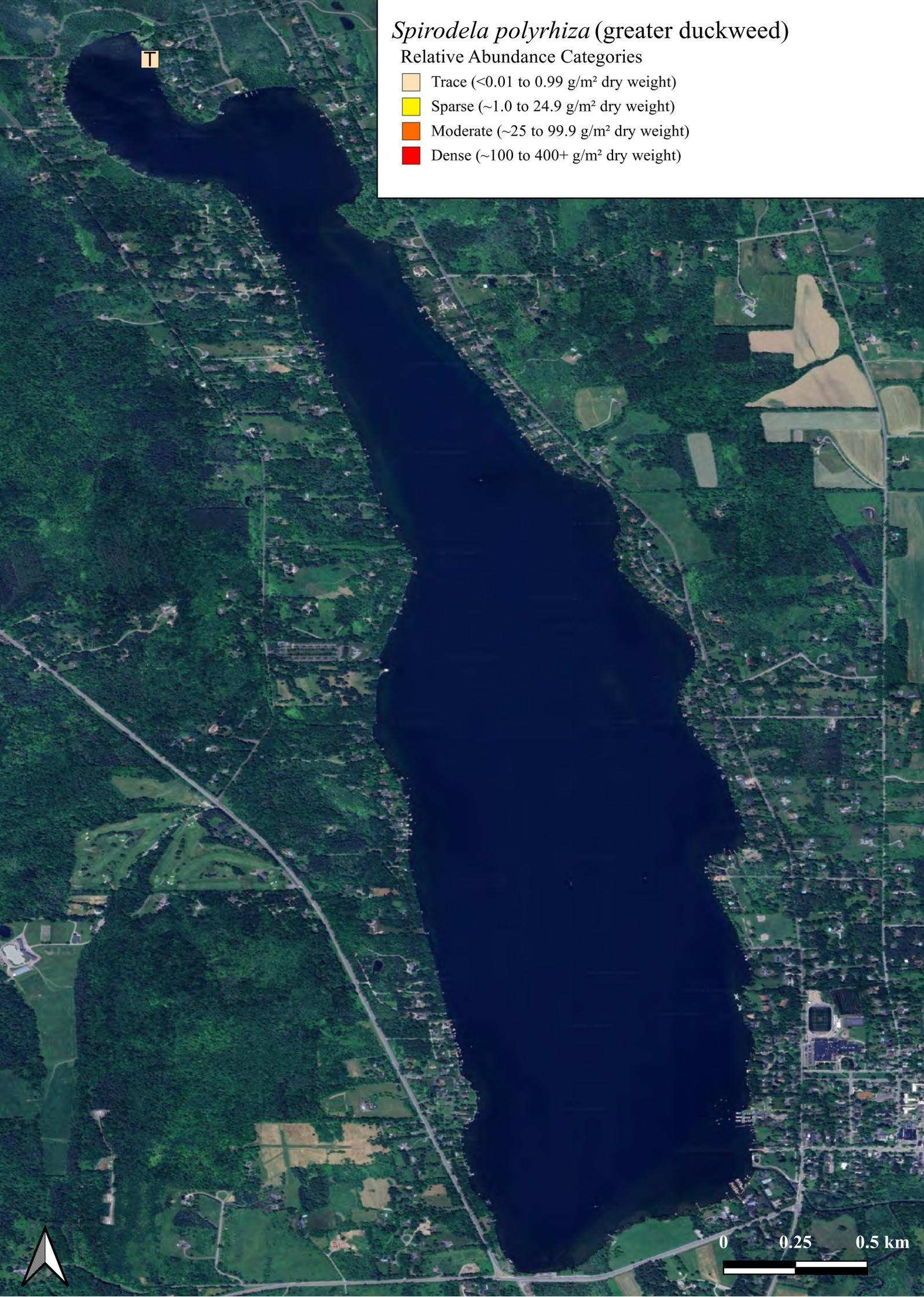
- Trace (<0.01 to 0.99 g/m² dry weight)
- Sparse (~1.0 to 24.9 g/m² dry weight)
- Moderate (~25 to 99.9 g/m² dry weight)
- Dense (~100 to 400+ g/m² dry weight)



Spirodela polyrhiza (greater duckweed)

Relative Abundance Categories

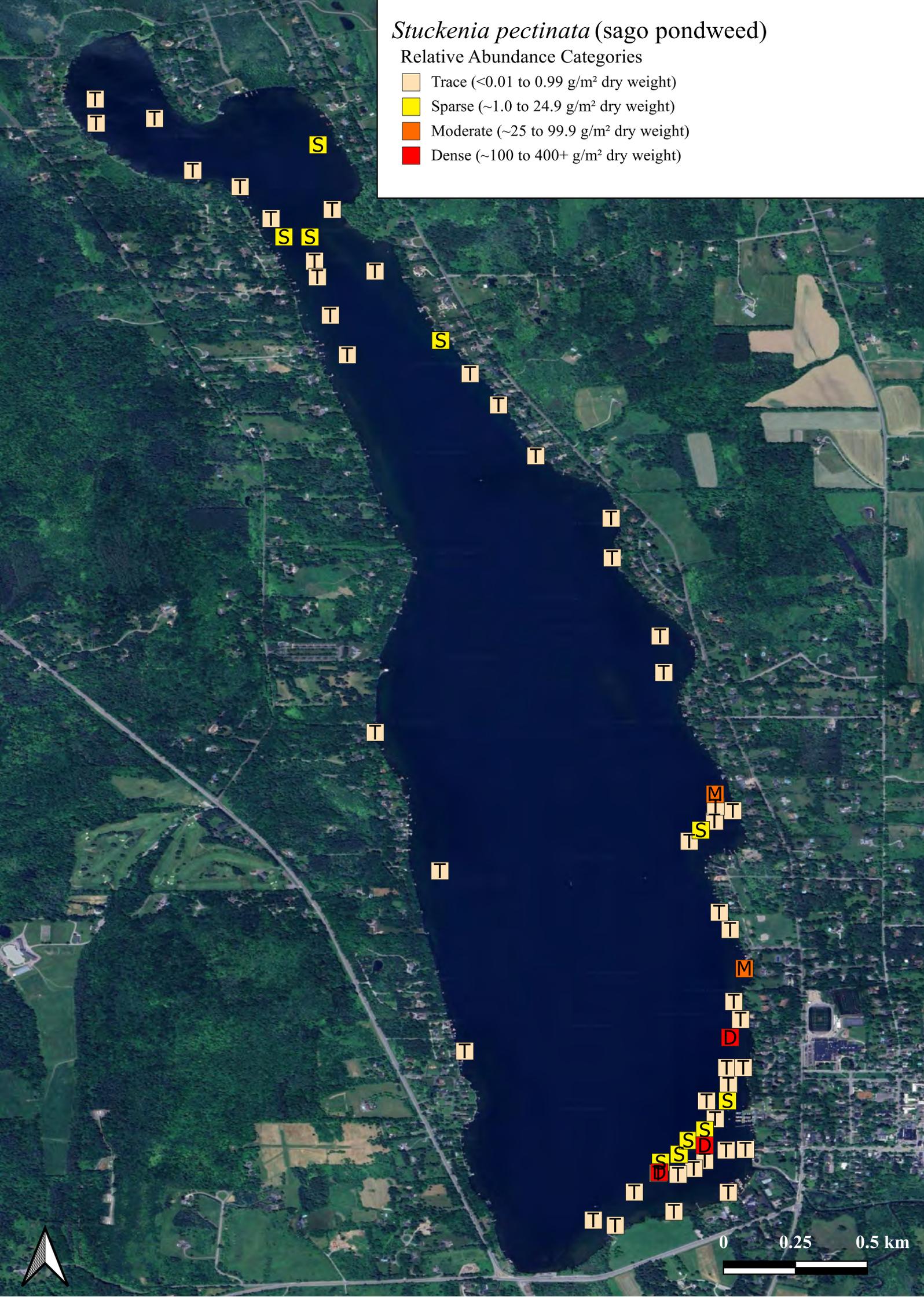
-  Trace (<math><0.01</math> to 0.99 g/m² dry weight)
-  Sparse (~1.0 to 24.9 g/m² dry weight)
-  Moderate (~25 to 99.9 g/m² dry weight)
-  Dense (~100 to 400+ g/m² dry weight)



Stuckenia pectinata (sago pondweed)

Relative Abundance Categories

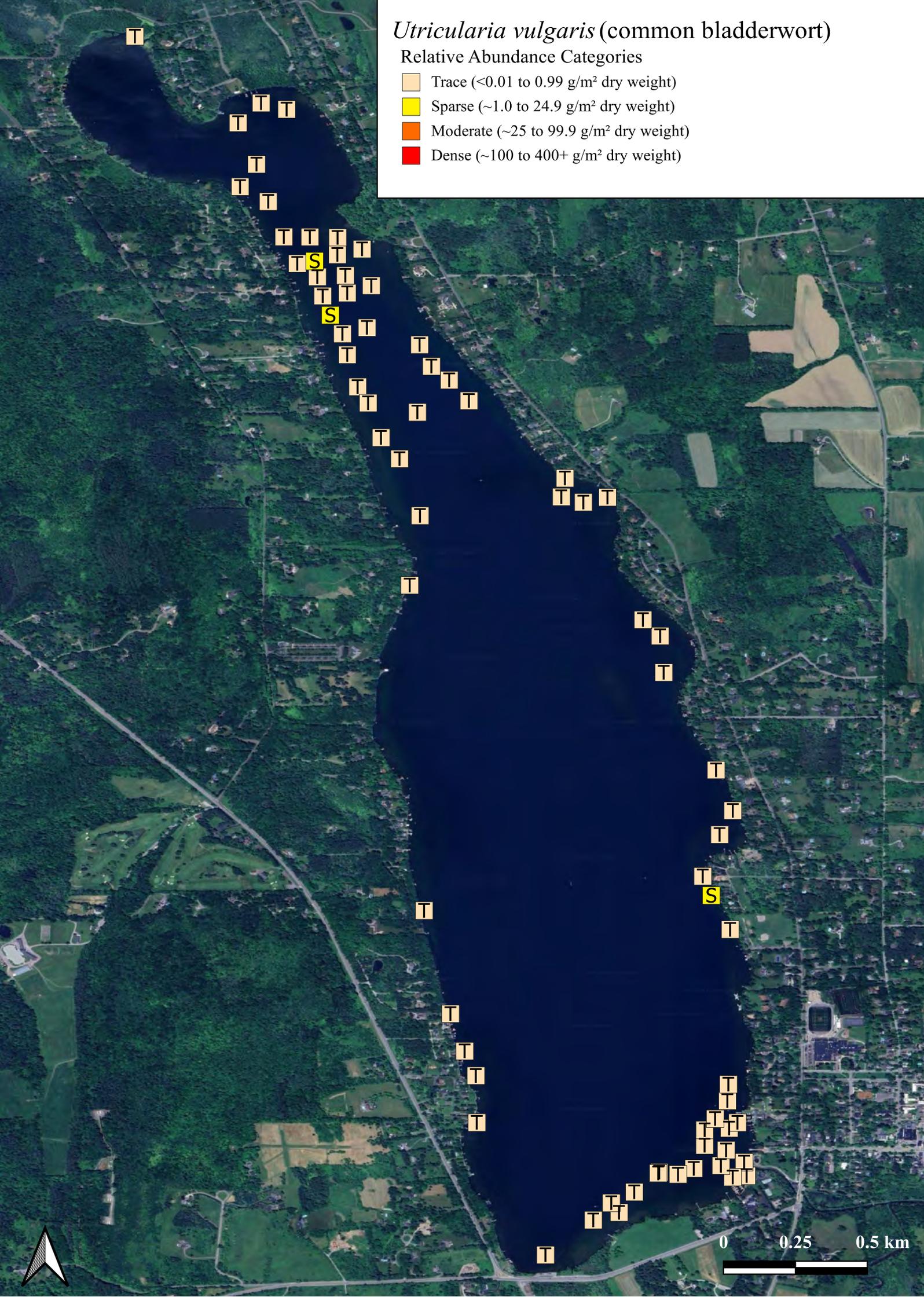
- Trace (<0.01 to 0.99 g/m² dry weight)
- Sparse (~1.0 to 24.9 g/m² dry weight)
- Moderate (~25 to 99.9 g/m² dry weight)
- Dense (~100 to 400+ g/m² dry weight)



Utricularia vulgaris (common bladderwort)

Relative Abundance Categories

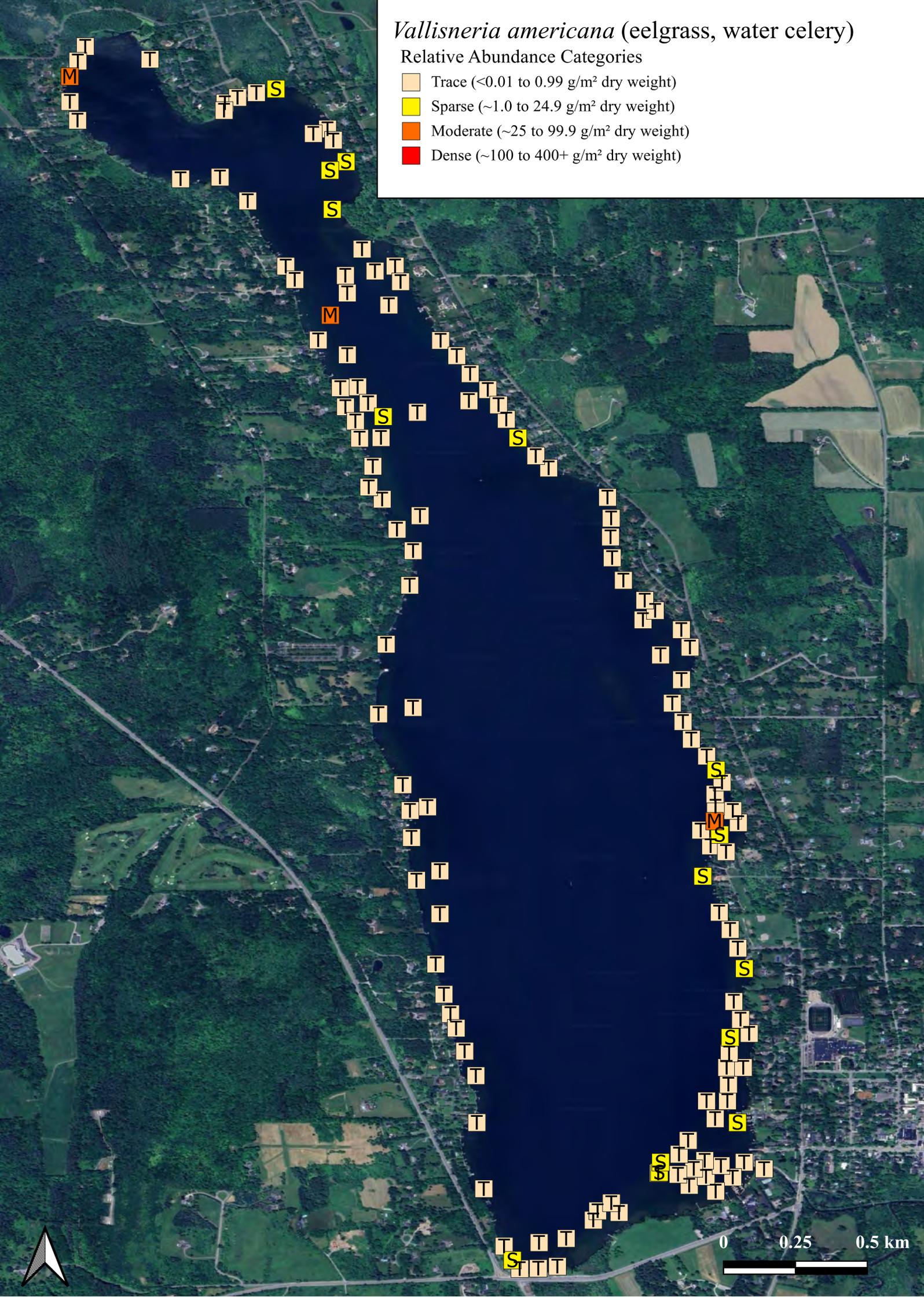
- Trace (<0.01 to 0.99 g/m² dry weight)
- Sparse (~1.0 to 24.9 g/m² dry weight)
- Moderate (~25 to 99.9 g/m² dry weight)
- Dense (~100 to 400+ g/m² dry weight)



Vallisneria americana (eelgrass, water celery)

Relative Abundance Categories

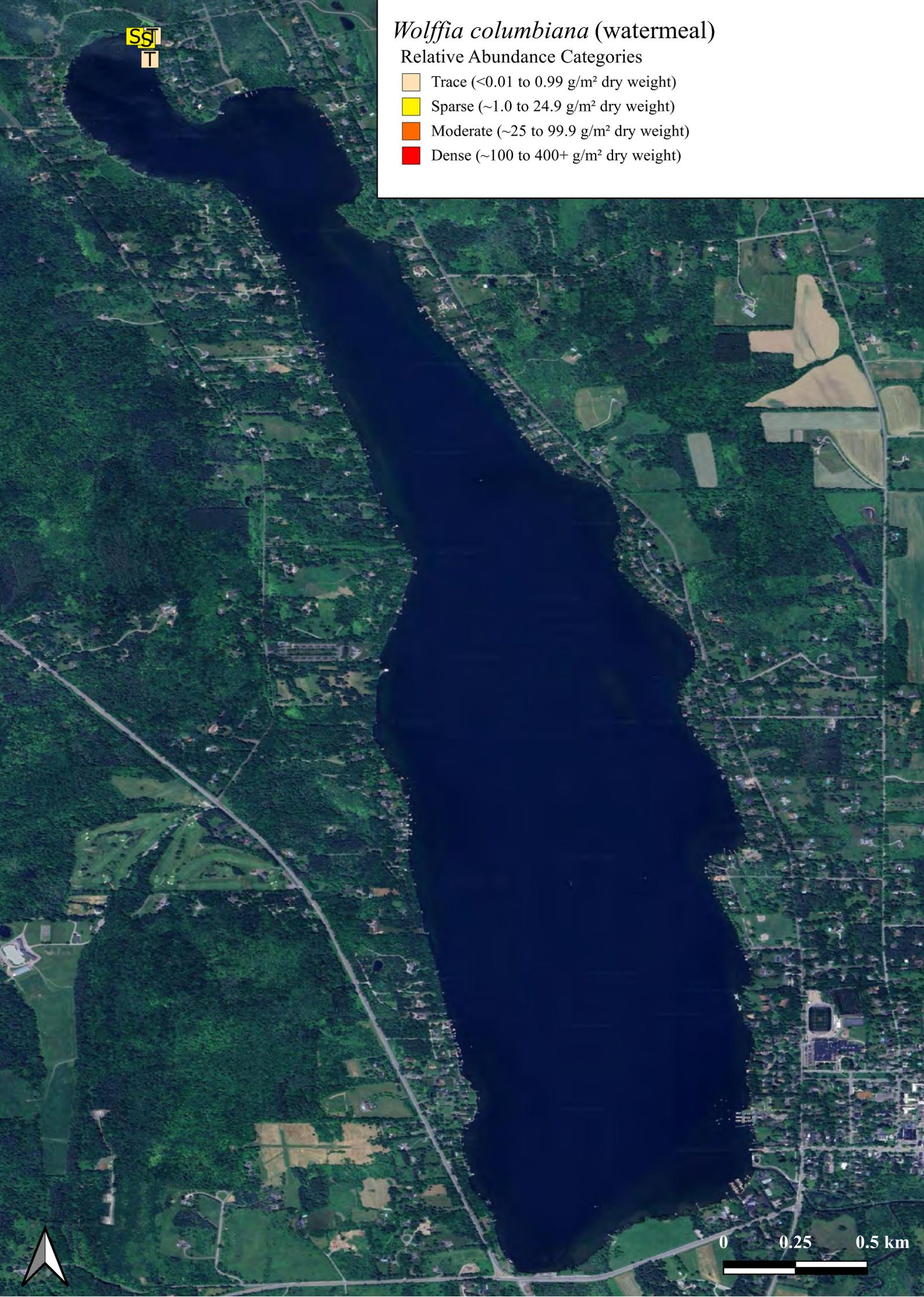
- Trace (<0.01 to 0.99 g/m² dry weight)
- Sparse (~1.0 to 24.9 g/m² dry weight)
- Moderate (~25 to 99.9 g/m² dry weight)
- Dense (~100 to 400+ g/m² dry weight)



Wolffia columbiana (watermeal)

Relative Abundance Categories

-  Trace (<math><0.01</math> to 0.99 g/m² dry weight)
-  Sparse (~1.0 to 24.9 g/m² dry weight)
-  Moderate (~25 to 99.9 g/m² dry weight)
-  Dense (~100 to 400+ g/m² dry weight)



APPENDIX B

Table A. Results of two-rake toss drag sampling of Cazenovia Lake on August 1 – August 25, 2025 at 304 sample locations.

Table B. Conversion of August 1 – August 25, 2025 data from Table A to abundance categories for each species at each sample point.

Table C. Presence of aquatic plant species in Cazenovia Lake from two rake-toss samples in 2025. Entries of “1” show species found at that sample point and sums to species total occurrences for all sample points.

Table C. Presence of aquatic plant species in Cazenovia Lake from two rake-toss samples in 2025. Entries of "1" show species found at that sample point and sums to total occurrence for all sample points.

| Sample Point (SP) | <i>Ceratophyllum demersum</i> | <i>Chara vulgaris</i> | <i>Elodea</i> sp | <i>Fontinalis</i> sp | <i>Heteranthera dubia</i> | <i>Hydrocharis morsus-ranae</i> | <i>Lemna minor</i> | <i>Lemna trisulca</i> | <i>Megalodonta beckii</i> | <i>Myriophyllum sibiricum</i> | <i>Myriophyllum spicatum</i> | <i>Najas flexilis</i> | <i>Najas guadalupensis</i> | <i>Nitella flexilis</i> | <i>Nitellopsis obtusa</i> | <i>Nuphar variegata</i> | <i>Nymphaea odorata</i> | <i>Potamogeton amplifolius</i> | <i>Potamogeton crispus</i> | <i>Potamogeton foliosus</i> | <i>Potamogeton gramineus</i> | <i>Potamogeton illinoensis</i> | <i>Potamogeton praelongus</i> | <i>Potamogeton pusillus</i> | <i>Potamogeton richardsonii</i> | <i>Potamogeton zosteriflorus</i> | <i>Ranunculus trichophyllus</i> | <i>Spirodela polyrhiza</i> | <i>Stuckenia pectinata</i> | <i>Utricularia vulgaris</i> | <i>Vallisneria americana</i> | <i>Wolffia columbiana</i> | <i>Pithophora</i> sp | Native Species | Non-Native Species | Total Species | | | | |
|-------------------|-------------------------------|-----------------------|------------------|----------------------|---------------------------|---------------------------------|--------------------|-----------------------|---------------------------|-------------------------------|------------------------------|-----------------------|----------------------------|-------------------------|---------------------------|-------------------------|-------------------------|--------------------------------|----------------------------|-----------------------------|------------------------------|--------------------------------|-------------------------------|-----------------------------|---------------------------------|----------------------------------|---------------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|---------------------------|----------------------|----------------|--------------------|---------------|----|----|---|---|
| 1 | 1 | | 1 | | | | 1 | | | | 1 | | | | 1 | | | | | | | | 1 | | | | | | | | | | 1 | 1 | 6 | 2 | 8 | | | |
| 2 | 1 | | 1 | 1 | | | | | | | | | | | 1 | | | | | | | | | | | | 1 | | | | | | | 1 | 5 | 1 | 6 | | | |
| 3 | 1 | | 1 | 1 | | 1 | | | | | | | | | | 1 | | | | | | | | | | 1 | | | 1 | | | | | 1 | 7 | 2 | 9 | | | |
| 4 | 1 | | 1 | 1 | | | 1 | | | | | | | | 1 | 1 | | | | | | | | 1 | | | | | | | | | | | 8 | 1 | 9 | | | |
| 5 | 1 | | 1 | 1 | | | | | | | | | | | 1 | 1 | | | | 1 | | | | 1 | | | | | | | | | | | 4 | 2 | 6 | | | |
| 6 | 1 | 1 | 1 | 1 | | | | | | | | | | | 1 | 1 | | | | 1 | | | | | | 1 | 1 | | | | 1 | | | | 9 | 2 | 11 | | | |
| 7 | 1 | 1 | 1 | | | | | | | | | | | | 1 | | | | | 1 | | | 1 | | | | | | | | | | | | | 5 | 2 | 7 | | |
| 8 | 1 | | 1 | | | | | | | | | | | | 1 | | | | | | | | | | | 1 | | | | | | | | | | 3 | 1 | 4 | | |
| 9 | 1 | | 1 | 1 | | | | | | | | | | | 1 | | | | | | | | | | | 1 | | | | | | | | | | 4 | 1 | 5 | | |
| 10 | 1 | | 1 | | | | | | | | | | | | 1 | | | | | | | | | | | 1 | 1 | 1 | | | | 1 | | | | 7 | 2 | 9 | | |
| 11 | 1 | | 1 | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | 2 | 0 | 2 | | |
| 12 | 1 | | 1 | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | 2 | 1 | 3 | | |
| 13 | 1 | 1 | 1 | 1 | | | | | | | | | | | 1 | 1 | | | 1 | | | | | | | 1 | | | | | 1 | | | | | 9 | 2 | 11 | | |
| 14 | 1 | 1 | 1 | | | | | 1 | | | | 1 | 1 | | 1 | | | | 1 | | | 1 | | | | | | | | 1 | | | | | | 9 | 1 | 10 | | |
| 15 | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | 1 | | | | | | | | | | 1 | 1 | 2 | |
| 16 | 1 | | 1 | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | 1 | 3 | 0 | 3 | | |
| 17 | | | 1 | | | | | | | | | | | | 1 | | | | | | | | | | | 1 | | | | | | | | | | 2 | 1 | 3 | | |
| 18 | 1 | | 1 | 1 | | | | | | | | | | | 1 | | | | | | | | | | | 1 | 1 | | | | | | | | | | 5 | 1 | 6 | |
| 19 | 1 | | 1 | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | 2 | 0 | 2 | |
| 20 | | | 1 | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 2 | |
| 21 | | | | | | | | | | | | | | | 1 | | | | | | | | | | | 1 | | | | 1 | | | | | | | 2 | 1 | 3 | |
| 22 | 1 | 1 | 1 | | | | | | | | | | | | 1 | | | 1 | | | | | | | | | | | | | 1 | | | 1 | | | 6 | 2 | 8 | |
| 23 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | 1 | | | | | | | | | | | | 1 | | | | 1 | | | | | | 8 | 1 | 9 | |
| 24 | | | 1 | | | | | | | | | | | | 1 | | | | | | | | | | | 1 | | | | | | | | | | | 3 | 1 | 4 | |
| 25 | | | 1 | | | | | | | | | | | | 1 | | | | | | | | | 1 | | | | | | | | | | | | | 2 | 2 | 4 | |
| 26 | | | | | | | | | | | | | | | 1 | | | | | | | | | | | 1 | | | 1 | | | | | | | | 2 | 2 | 4 | |
| 27 | 1 | | 1 | 1 | | | | 1 | | | | | | | 1 | | | | | | | | | | | 1 | | | | | | | | | | | 6 | 2 | 8 | |
| 28 | | 1 | | | | | | | | | | | 1 | | 1 | | | | | | | | | | | | | | | | | | | | | | 3 | 1 | 4 | |
| 29 | 1 | | 1 | | | | | | | | | | 1 | | 1 | | | | | | | | 1 | | | | 1 | 1 | | | | | | | | | 7 | 1 | 8 | |
| 30 | 1 | | 1 | 1 | | | | | | | | | | | 1 | | | | | | | | | | | | 1 | | | | | | | | | | 5 | 1 | 6 | |
| 31 | | 1 | 1 | | | | | | | | | 1 | 1 | | 1 | | | | | | | | | | | | 1 | | | | | | | | | | 5 | 2 | 7 | |
| 32 | | 1 | 1 | | | | | | | | | | 1 | | 1 | | | | | | | | 1 | | | | | | | | | | | | | | 4 | 2 | 6 | |
| 33 | | 1 | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | 1 | 0 | 1 | |
| 34 | | 1 | | | | | | | | | | | 1 | | 1 | | | | | | | | | | | 1 | | | | | | | | | | | 5 | 0 | 5 | |
| 35 | | 1 | | | | | | | | | | | 1 | | 1 | | | | | | | | | | | | | | | | | | | | | | 3 | 0 | 3 | |
| 36 | | 1 | 1 | | | | | | | | | | 1 | | 1 | | | | | | | | | | | | | | | | | | | | | | | 5 | 1 | 6 |
| 37 | | 1 | | | | | | | | | | | | | 1 | | | | | | | | | | | 1 | | | | | | | | | | | | 3 | 1 | 4 |
| 38 | | 1 | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 4 | 1 | 5 |
| 39 | 1 | | 1 | | | | | | | | | | | | 1 | | | | | | | | | | | | 1 | | | | | | | | | | | 3 | 1 | 4 |
| 40 | | 1 | 1 | 1 | | | | | | | | | | | 1 | | | | | | | | | | | | 1 | 1 | | | | | | | | | | 8 | 1 | 9 |
| 41 | | 1 | 1 | 1 | 1 | | | | | | | | | | 1 | | | | | | | | | | | | 1 | | | | | | | | | | | 5 | 1 | 6 |
| 42 | 1 | 1 | 1 | 1 | | | | | | | | | | | 1 | | | | | | | | | | | | 1 | 1 | | | | | | | | | | 6 | 1 | 7 |
| 43 | | | 1 | | | | | | | | | | | | 1 | | | | | | | | | | | | 1 | | | | | | | | | | | 2 | 1 | 3 |
| 44 | 1 | | 1 | | | | | | | | | | | | 1 | | | | | | | | | | 1 | | | | | | | | | | | | | 3 | 0 | 3 |

| Sample Point (SP) | Ceratophyllum demersum | Chara vulgaris | Elodea sp | Fontinalis sp | Heteranthera dubia | Hydrocharis morsus-ranae | Lemna minor | Lemna trisulca | Megalodonta beckii | Myriophyllum sibiricum | Myriophyllum spicatum | Najas flexilis | Najas guadalupensis | Nitella flexilis | Nitellopsis obtusa | Nuphar variegata | Nymphaea odorata | Potamogeton amplifolius | Potamogeton crispus | Potamogeton foliosus | Potamogeton gramineus | Potamogeton illinoensis | Potamogeton praelongus | Potamogeton pusillus | Potamogeton richardsonii | Potamogeton zosteriformis | Ranunculus trichophyllus | Spirodela polyrrhiza | Stuckenia pectinata | Utricularia vulgaris | Vallisneria americana | Wolffia columbiana | Pithophora sp | Native Species | Non-Native Species | Total Species | | | | | | |
|-------------------|------------------------|----------------|-----------|---------------|--------------------|--------------------------|-------------|----------------|--------------------|------------------------|-----------------------|----------------|---------------------|------------------|--------------------|------------------|------------------|-------------------------|---------------------|----------------------|-----------------------|-------------------------|------------------------|----------------------|--------------------------|---------------------------|--------------------------|----------------------|---------------------|----------------------|-----------------------|--------------------|---------------|----------------|--------------------|---------------|---|---|---|---|---|---|
| 45 | | | 1 | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | 1 | 1 | 2 | | | | | | |
| 46 | | | 1 | | | | | | | | 1 | | | | 1 | 1 | | | | | | 1 | | | | | 1 | | | | | | | | 5 | 2 | 7 | | | | | |
| 47 | 1 | | 1 | 1 | 1 | | | | | | 1 | | | | 1 | 1 | | | | | | | | | | | 1 | | | | | | | | 6 | 2 | 8 | | | | | |
| 48 | | | 1 | | 1 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | 2 | 1 | 3 | | | | |
| 49 | 1 | | 1 | | 1 | | | | | | 1 | | | | 1 | | | | | | | | | 1 | | | | | | | | | | | | 4 | 2 | 6 | | | | |
| 50 | | | | | 1 | | | | | | | | | | 1 | | | | | | | | | | | | 1 | | | | | | | | | 2 | 1 | 3 | | | | |
| 51 | | | 1 | | | | | | | | | | | | 1 | | | | 1 | | | | | | | | 1 | | | | | | | | | 2 | 2 | 4 | | | | |
| 52 | | | 1 | | | | | | | | | | | | | | | | 1 | | | | | | | | 1 | | | | | | | | | | 2 | 0 | 2 | | | |
| 53 | 1 | | 1 | | | | | | | | 1 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | 3 | 1 | 4 | | | |
| 54 | 1 | | 1 | | | | | | | | | | | | | | | | | | | | | 1 | | | 1 | | | | | | | | | | 4 | 0 | 4 | | | |
| 55 | 1 | | 1 | | | | | | | | | | | | 1 | | | | | | | | | | | | 1 | | | | | | | | | | 3 | 1 | 4 | | | |
| 56 | | 1 | 1 | | | | | | | | | | 1 | | 1 | | | 1 | | | | | | | | | | | | | | | | | | | 4 | 1 | 5 | | | |
| 57 | | 1 | 1 | | | | | | | | | 1 | | | 1 | | | | | | | 1 | | | | | | | | | | 1 | | | | | 5 | 0 | 5 | | | |
| 58 | | 1 | 1 | 1 | | | | | | | | | | | 1 | | | | | | | 1 | 1 | | | | 1 | | | | | | | | | | 7 | 1 | 8 | | | |
| 59 | | | | | | | | | | | 1 | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | 1 | 1 | 2 | | |
| 60 | 1 | | 1 | 1 | | | | | | | 1 | | | 1 | | | | | 1 | | | | | | | | | | | | | | | | | | | 5 | 2 | 7 | | |
| 61 | 1 | | 1 | | | | | | | | | | | | | | | | | | | | | 1 | | | 1 | | | | | | | | | | | 4 | 0 | 4 | | |
| 62 | 1 | | 1 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | 1 | | | 4 | 0 | 4 | |
| 63 | 1 | | 1 | | | | | | | | 1 | | | | 1 | | | | | | | | | | | | 1 | | | 1 | | | | | | | | | 4 | 2 | 6 | |
| 64 | | 1 | 1 | | | | | | | | | | | | 1 | | | | 1 | | | | | | | | | | | | | | | | | 1 | | | 4 | 2 | 6 | |
| 65 | 1 | | 1 | | | | | | | | | | | | 1 | | | 1 | | | | | | | | | 1 | | | | | | | | | | | 4 | 1 | 5 | | |
| 66 | | 1 | 1 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 0 | 5 | |
| 67 | | 1 | 1 | | | | | | | | | | | | 1 | | | 1 | | | | | | | | | | | | | | | | | | | | | 4 | 1 | 5 | |
| 68 | 1 | 1 | 1 | 1 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | 7 | 1 | 8 | |
| 69 | 1 | | 1 | | | | | | | | 1 | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | 3 | 1 | 4 | |
| 70 | 1 | | 1 | | | | | | | | 1 | | | | | | | | 1 | | | | | | | | 1 | | | | | | | | | | | | 5 | 2 | 7 | |
| 71 | 1 | | 1 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | 3 | 1 | 4 | |
| 72 | 1 | | 1 | 1 | | | | | | | | | | | | | | 1 | | | | | | | | | | 1 | | | | | | | | | | | | 7 | 0 | 7 |
| 73 | | 1 | | | | | | | | | | | 1 | | 1 | | | | | | | | | | | | | | | | | | | | | | | | 4 | 1 | 5 | |
| 74 | | 1 | 1 | | | | | | | | 1 | | 1 | | 1 | | | | | | | | 1 | | | | | | | | | | | | | | | | 7 | 2 | 9 | |
| 75 | | 1 | 1 | 1 | | | | | | | 1 | | | | 1 | | | | | | | | | | | | | 1 | | | | | | | | | | | | 7 | 2 | 9 |
| 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 |
| 77 | 1 | | 1 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | 3 | 0 | 3 | |
| 78 | 1 | | 1 | 1 | 1 | | | | | | 1 | | | | | | | 1 | | | | | | | | | | 1 | | | 1 | 1 | | | | | | | | 8 | 1 | 9 |
| 79 | | 1 | | 1 | | | | | | | 1 | | | | 1 | | | | | | | | 1 | | | | | | | | | | | | | | | | | 5 | 2 | 7 |
| 80 | 1 | | 1 | | | | | | | | | | 1 | | 1 | | | | | | | | | | | | | 1 | | | | | | | | | | | | 5 | 1 | 6 |
| 81 | | | 1 | | | | | | | | 1 | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 4 |
| 82 | 1 | | 1 | | | | | | | | 1 | | | | 1 | | | | | | | | | | | | | 1 | | | | | | | | | | | | 4 | 2 | 6 |
| 83 | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 | 3 |
| 84 | | 1 | | | | | | | | | 1 | 1 | 1 | | 1 | | | | | | | | 1 | | | | | | | 1 | | | | | | | | | | 6 | 2 | 8 |
| 85 | 1 | | 1 | | | | | | | | 1 | | | | 1 | | | | | | | | | | | | | 1 | | | | | | | | | | | | 3 | 2 | 5 |
| 86 | 1 | | 1 | | | | | | | | | | | | | | | | | 1 | | | | | | | | 1 | | | | | | | | | | | | 4 | 0 | 4 |
| 87 | | | 1 | | | | | | | | | | | | 1 | | | | | | | | | | | | | 1 | | | | | | | | | | | | 4 | 1 | 5 |
| 88 | | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 0 | 3 |
| 89 | | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 0 | 3 |

| Sample Point (SP) | Ceratophyllum demersum | Chara vulgaris | Elodea sp | Fontinalis sp | Heteranthera dubia | Hydrocharis morsus-ranae | Lemna minor | Lemna trisulca | Megalodonta beckii | Myriophyllum sibiricum | Myriophyllum spicatum | Najas flexilis | Najas guadalupensis | Nitella flexilis | Nitellopsis obtusa | Nuphar variegata | Nymphaea odorata | Potamogeton amplifolius | Potamogeton crispus | Potamogeton foliosus | Potamogeton gramineus | Potamogeton illinoensis | Potamogeton praelongus | Potamogeton pusillus | Potamogeton richardsonii | Potamogeton zosteriformis | Ranunculus trichophyllus | Spirodela polyrrhiza | Stuckenia pectinata | Utricularia vulgaris | Vallisneria americana | Wolffia columbiana | Pithophora sp | Native Species | Non-Native Species | Total Species | | |
|-------------------|------------------------|----------------|-----------|---------------|--------------------|--------------------------|-------------|----------------|--------------------|------------------------|-----------------------|----------------|---------------------|------------------|--------------------|------------------|------------------|-------------------------|---------------------|----------------------|-----------------------|-------------------------|------------------------|----------------------|--------------------------|---------------------------|--------------------------|----------------------|---------------------|----------------------|-----------------------|--------------------|---------------|----------------|--------------------|---------------|---|----|
| 90 | 1 | | 1 | | | | | | | | | | | | 1 | | | 1 | | | | | | | 1 | | | 1 | | | | | | | 6 | 1 | 7 | |
| 91 | | | 1 | 1 | | | | | | | | | | | | | | 1 | | | | 1 | | | | 1 | | 1 | 1 | | | | | | | 6 | 0 | 6 |
| 92 | | 1 | 1 | | | | | | | | 1 | 1 | 1 | | 1 | | | | | | | 1 | | | | | 1 | | | 1 | | | | | | 6 | 2 | 8 |
| 93 | | 1 | | | | | | | | | | 1 | 1 | | 1 | | | | | | | 1 | | | | | | | | | | | | | 1 | 4 | 1 | 5 |
| 94 | | | 1 | | | | | | | | | 1 | 1 | | 1 | | | | | | | 1 | | | | | | | | | | | | | 1 | 4 | 1 | 5 |
| 95 | | 1 | | | | | | | | | | | | | 1 | | | | | | | | 1 | | | | | | | | 1 | | | | | 4 | 1 | 5 |
| 96 | | 1 | | | | | | | | | | 1 | 1 | | 1 | | | | | | | 1 | | | | | | | | 1 | | | | | | 5 | 1 | 6 |
| 97 | 1 | | 1 | | | | | | | | | | | | 1 | | | | | | | | | | | 1 | | | | 1 | 1 | | | | | 5 | 1 | 6 |
| 98 | | 1 | 1 | | | | | | | | 1 | | | | 1 | | | 1 | | | | 1 | | | | 1 | | | | 1 | | | | | | 6 | 2 | 8 |
| 99 | | 1 | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | 1 | | | | 4 | 0 | 4 |
| 100 | | 1 | 1 | | | | | | | | 1 | | | | 1 | | | 1 | | | | 1 | | | | | 1 | | | | | 1 | | | | 6 | 2 | 8 |
| 101 | | 1 | 1 | | | | | | | | | | | | 1 | | | | | | | 1 | | | | | 1 | | | 1 | 1 | | | | | 6 | 1 | 7 |
| 102 | | | 1 | 1 | | | | | | | 1 | | 1 | | 1 | | | | | | | 1 | | | | | | | | 1 | | 1 | | | | 6 | 2 | 8 |
| 103 | | 1 | 1 | | | | | | | | | 1 | 1 | | 1 | | | | | | | 1 | 1 | | | | | | | 1 | | 1 | | | | 8 | 1 | 9 |
| 104 | | 1 | | | | | | | | | | 1 | 1 | | 1 | | | | | | | 1 | | | | | | | | | | 1 | | | | 5 | 1 | 6 |
| 105 | | 1 | 1 | | | | | | | | | 1 | 1 | | 1 | | | | | | | 1 | | | | | | | | | | 1 | | | | 6 | 1 | 7 |
| 106 | | 1 | 1 | | | | | | | | | 1 | | | 1 | | | | | | | 1 | 1 | | | | | | | | 1 | | | | | 6 | 1 | 7 |
| 107 | 1 | 1 | 1 | | | | | | | | | | | | 1 | | | | | | | | 1 | | | | 1 | | | | 1 | 1 | | | | 7 | 1 | 8 |
| 108 | | 1 | 1 | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | 1 | | | | | | 3 | 1 | 4 |
| 109 | | 1 | 1 | | | | | | | | 1 | | | | | | | 1 | | | | | | | | 1 | 1 | | | | | | | | | 5 | 1 | 6 |
| 110 | | 1 | 1 | | | | | | | | 1 | | | | 1 | | | | | | | 1 | | | | | 1 | | | | | | | | | 5 | 2 | 7 |
| 111 | 1 | 1 | 1 | | | | | | | | 1 | | | | 1 | | | | | | | | | | | | | | 1 | | 1 | 1 | | | | 6 | 2 | 8 |
| 112 | 1 | 1 | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | 2 | 1 | 3 |
| 113 | | 1 | 1 | | | | | | | | | 1 | | | 1 | | | | | | | 1 | | | | 1 | | | | | | 1 | | | | 6 | 1 | 7 |
| 114 | | 1 | | | | | | | | | | 1 | 1 | | 1 | | | | | | | 1 | | | | | | | | | | | | | | 4 | 1 | 5 |
| 115 | | 1 | 1 | | 1 | | | | | | 1 | 1 | | | 1 | | | | | | | 1 | 1 | 1 | | 1 | 1 | | | | | | | | | 9 | 1 | 10 |
| 116 | | 1 | | | | | | | | | 1 | | | | 1 | | | | | | | 1 | | | | | | | | | | | | | | 3 | 1 | 4 |
| 117 | | 1 | 1 | | | | | | | | 1 | | | | 1 | | | | | | | | | | | | 1 | | | | 1 | | | | | 4 | 2 | 6 |
| 118 | | 1 | 1 | 1 | | | | | | | 1 | | | | 1 | | | | | | | 1 | | | | | | | | | 1 | | | | | 5 | 1 | 6 |
| 119 | 1 | 1 | 1 | | 1 | | | | | | 1 | | | | 1 | | | | | 1 | | | | | | | | | | | | 1 | | | | 7 | 2 | 9 |
| 120 | | 1 | 1 | | | | | | | | 1 | | | | 1 | | | | | | | | 1 | | | | | | | | | | | | | 3 | 2 | 5 |
| 121 | | 1 | 1 | 1 | 1 | | | | | | 1 | | | | 1 | | | | | | | | 1 | | | | | | | 1 | 1 | 1 | | | | 8 | 1 | 9 |
| 122 | 1 | | 1 | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | 2 | 1 | 3 |
| 123 | | 1 | 1 | 1 | | | | | | | 1 | 1 | | | 1 | | | | | | | 1 | | | | | | | | | | 1 | | | | 6 | 2 | 8 |
| 124 | | | 1 | | 1 | | | | | | 1 | 1 | | | | | | | | 1 | | | | | | | | | 1 | | | 1 | | | | 6 | 1 | 7 |
| 125 | | 1 | 1 | | | | | | | | 1 | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | | | 1 | | | | 7 | 2 | 9 |
| 126 | | | 1 | 1 | | | | | | | 1 | | | | 1 | | | | | | | | | | | | | | | | | | | | | 3 | 2 | 5 |
| 127 | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | 0 | 1 | 1 |
| 128 | | 1 | 1 | | | | | | | | 1 | | | | 1 | | | | | | | | 1 | | | | | | | | 1 | 1 | | | | 5 | 2 | 7 |
| 129 | | 1 | | | | | | | | | 1 | | | | 1 | | | | | | | | | | | | | | | | | | | | | 3 | 1 | 4 |
| 130 | | 1 | 1 | | | | | | | | 1 | 1 | 1 | | 1 | 1 | | | | | | | | | | | | | | | | 1 | | | | 6 | 2 | 8 |
| 131 | | | 1 | 1 | | | | | | | 1 | | | | 1 | | | | | | | | 1 | 1 | | | | | | | | 1 | 1 | | | 6 | 1 | 7 |
| 132 | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | 0 | 1 | 1 |
| 133 | | 1 | 1 | | | | | | | | | | | | 1 | | | | | | | | 1 | | | | | | | | | 1 | | | | 5 | 1 | 6 |
| 134 | | 1 | | | | | | | | | 1 | 1 | | | 1 | | | | | | | | 1 | | | | | | | 1 | | 1 | | | | 5 | 2 | 7 |

| Sample Point (SP) | Ceratophyllum demersum | Chara vulgaris | Elodea sp | Fontinalis sp | Heteranthera dubia | Hydrocharis morsus-ranae | Lemna minor | Lemna trisulca | Megalodonta beckii | Myriophyllum sibiricum | Myriophyllum spicatum | Najas flexilis | Najas guadalupensis | Nitella flexilis | Nitellopsis obtusa | Nuphar variegata | Nymphaea odorata | Potamogeton amplifolius | Potamogeton crispus | Potamogeton foliosus | Potamogeton gramineus | Potamogeton illinoensis | Potamogeton praelongus | Potamogeton pusillus | Potamogeton richardsonii | Potamogeton zosteriformis | Ranunculus trichophyllus | Spirodela polyrrhiza | Stuckenia pectinata | Utricularia vulgaris | Vallisneria americana | Wolffia columbiana | Pithophora sp | Native Species | Non-Native Species | Total Species | | |
|-------------------|------------------------|----------------|-----------|---------------|--------------------|--------------------------|-------------|----------------|--------------------|------------------------|-----------------------|----------------|---------------------|------------------|--------------------|------------------|------------------|-------------------------|---------------------|----------------------|-----------------------|-------------------------|------------------------|----------------------|--------------------------|---------------------------|--------------------------|----------------------|---------------------|----------------------|-----------------------|--------------------|---------------|----------------|--------------------|---------------|----|----|
| 135 | 1 | 1 | 1 | | 1 | | | | | | 1 | 1 | 1 | | 1 | | | | | | | 1 | | | | | 1 | | | | | | | 9 | 2 | 11 | | |
| 136 | | 1 | 1 | | | | | | | | | | 1 | | 1 | | | | | | | | | | | | | | | 1 | 1 | | | | 5 | 1 | 6 | |
| 137 | | 1 | 1 | | | | | | | | 1 | | | | | | | | | | | 1 | | | | | | | | 1 | 1 | | | | 5 | 1 | 6 | |
| 138 | | 1 | 1 | 1 | | | | | | | 1 | | | | | | | | | | | 1 | | | | | | | | | 1 | | | | 5 | 1 | 6 | |
| 139 | | 1 | | | 1 | | | | | | 1 | | | | | | | | | | | 1 | | | | | | | | | 1 | 1 | | | | 4 | 1 | 5 |
| 140 | | 1 | 1 | | 1 | | | | | | 1 | 1 | | | 1 | 1 | | | | | | | | | | | 1 | | | | 1 | | | | 8 | 2 | 10 | |
| 141 | | 1 | | | | | | | | | 1 | | | | | | | | | | | 1 | | | | | | | | | 1 | 1 | | | | 4 | 1 | 5 |
| 142 | 1 | | 1 | | | | | | | | 1 | | | | 1 | | | | | | | 1 | | | | 1 | 1 | | | 1 | | | | | 6 | 2 | 8 | |
| 143 | | 1 | 1 | | 1 | | | | | | 1 | 1 | | | | 1 | | | | | | 1 | | 1 | | | 1 | | | | 1 | | | | 9 | 1 | 10 | |
| 144 | | 1 | | | | | | | | | 1 | | | | 1 | | | | | | | 1 | | | | | | | | | | 1 | | | | 3 | 2 | 5 |
| 145 | 1 | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | 1 | 1 | 2 |
| 146 | 1 | | 1 | | | | | | | | 1 | | 1 | | | | | | | | | 1 | | | | | 1 | | | | 1 | 1 | | | | 7 | 1 | 8 |
| 147 | | 1 | 1 | | | | | | | | 1 | 1 | 1 | 1 | | | | | | | | 1 | | | | | 1 | | | | 1 | | | | | 9 | 1 | 10 |
| 148 | | | | | 1 | | | | | | 1 | 1 | | | | | | | | | | 1 | | | | | | | | | 1 | | | | | 4 | 1 | 5 |
| 149 | | | 1 | 1 | | | | | | | 1 | | | | 1 | | | | | | | 1 | | | | | | | | | | | | | | 3 | 2 | 5 |
| 150 | | | | | | | | | | | | | 1 | | 1 | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 2 |
| 151 | 1 | | 1 | | 1 | | | | | | 1 | 1 | 1 | | 1 | | | | | | | | | 1 | 1 | | | | | | 1 | 1 | | | | 9 | 2 | 11 |
| 152 | 1 | 1 | 1 | 1 | 1 | | | | | | 1 | 1 | 1 | | 1 | | | | | | | | | | | | | | | | | | | 1 | | 8 | 2 | 10 |
| 153 | 1 | | 1 | | | | | | | | 1 | | | | 1 | | | | | | | | | | | | | | | | | | | | | 2 | 1 | 3 |
| 154 | | | | 1 | | | | | | | 1 | | | | 1 | | | | | | | | | | | | | | | | | | | | | 1 | 2 | 3 |
| 155 | | 1 | 1 | | 1 | | | | | | 1 | | | | 1 | | | | | | | 1 | | | | | 1 | | | | | 1 | | | | 6 | 2 | 8 |
| 156 | | 1 | | | | | | | | | 1 | | | | 1 | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 4 |
| 157 | 1 | | | 1 | | | | | | | | | 1 | | 1 | | | | | | | | | | | | | | | | | | | | | 3 | 1 | 4 |
| 158 | | | | | | | | | | | | | 1 | | 1 | | | | | | | | | | | | | | | | | | 1 | | | 2 | 1 | 3 |
| 159 | | 1 | | | | | | | | | 1 | 1 | | | 1 | | | 1 | | | | 1 | | | | | | | | | | 1 | | | | 5 | 2 | 7 |
| 160 | | 1 | | | | | | | | | 1 | | | | | | | | | | | 1 | | | | | | | 1 | | | | | | | 3 | 1 | 4 |
| 161 | 1 | | 1 | | | | | | | | | | 1 | | 1 | | | | | | | | | | | | | | | | | | | | | 3 | 1 | 4 |
| 162 | 1 | 1 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | 3 | 0 | 3 |
| 163 | | 1 | | | | | | | | | 1 | | | | | | | | | | | 1 | | | | | 1 | | | | | | | 1 | | 4 | 1 | 5 |
| 164 | | 1 | 1 | | | | | | | | 1 | | | | 1 | | | | | | | 1 | | | | | | | | | | 1 | | | | 4 | 2 | 6 |
| 165 | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 | 0 | 1 |
| 166 | 1 | | 1 | | | | | | | | 1 | | 1 | | | | | | | | | 1 | 1 | | | | | | | | | 1 | | | | 6 | 1 | 7 |
| 167 | | 1 | 1 | | | | | | | | | 1 | | | 1 | | | | | | | 1 | | | | | | | | | | | 1 | | | 5 | 1 | 6 |
| 168 | | 1 | 1 | | 1 | | | | | | 1 | 1 | 1 | | | | | | | | | | | | | | 1 | | | | | 1 | | | | 7 | 1 | 8 |
| 169 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 0 | 1 |
| 170 | 1 | | 1 | | | | | | | | | | | | | | | | | | | 1 | | | | | 1 | | | 1 | | | 1 | | | 6 | 0 | 6 |
| 171 | | 1 | 1 | | 1 | | | | | | 1 | | | | | | | | | | | 1 | | | | | | | | | | 1 | | | | 5 | 1 | 6 |
| 172 | 1 | 1 | 1 | | | | | | | | 1 | | | | 1 | | | | | | | | | | | | 1 | | | | 1 | | | | | 5 | 2 | 7 |
| 173 | 1 | | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | 1 | | | 4 | 0 | 4 |
| 174 | 1 | | 1 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | 3 | 0 | 3 | |
| 175 | 1 | | 1 | | 1 | | | | | | 1 | | 1 | | | | | | | | | 1 | | 1 | | 1 | 1 | | | | | 1 | | | 9 | 1 | 10 | |
| 176 | | 1 | 1 | | | | | | | | 1 | 1 | 1 | | 1 | | | | | | | 1 | | | | | 1 | | | | | 1 | | | 7 | 2 | 9 | |
| 177 | | | 1 | | | | | | | | | 1 | | | 1 | | | | | | | 1 | | | | | 1 | 1 | | | 1 | 1 | | | | 7 | 1 | 8 |
| 178 | 1 | | 1 | | | | | | | | | | | | 1 | | | | | | | | | | | | 1 | | | | | | 1 | | | 5 | 1 | 6 |
| 179 | 1 | 1 | 1 | | | | | | | | 1 | | | | 1 | | | 1 | | | | 1 | | | | 1 | 1 | | 1 | 1 | 1 | 1 | | | | 10 | 2 | 12 |

| Sample Point (SP) | Ceratophyllum demersum | Chara vulgaris | Elodea sp | Fontinalis sp | Heteranthera dubia | Hydrocharis morsus-ranae | Lemna minor | Lemna trisulca | Megalodonta beckii | Myriophyllum sibiricum | Myriophyllum spicatum | Najas flexilis | Najas guadalupensis | Nitella flexilis | Nitellopsis obtusa | Nuphar variegata | Nymphaea odorata | Potamogeton amplifolius | Potamogeton crispus | Potamogeton foliosus | Potamogeton gramineus | Potamogeton illinoensis | Potamogeton praelongus | Potamogeton pusillus | Potamogeton richardsonii | Potamogeton zosteriformis | Ranunculus trichophyllus | Spirodela polyrrhiza | Stuckenia pectinata | Utricularia vulgaris | Vallisneria americana | Wolffia columbiana | Pithophora sp | Native Species | Non-Native Species | Total Species | | | |
|-------------------|------------------------|----------------|-----------|---------------|--------------------|--------------------------|-------------|----------------|--------------------|------------------------|-----------------------|----------------|---------------------|------------------|--------------------|------------------|------------------|-------------------------|---------------------|----------------------|-----------------------|-------------------------|------------------------|----------------------|--------------------------|---------------------------|--------------------------|----------------------|---------------------|----------------------|-----------------------|--------------------|---------------|----------------|--------------------|---------------|----|----|---|
| 180 | | 1 | 1 | | | | | | | | 1 | | | | | | | | | | | 1 | | | | | | | | | | | | 5 | 1 | 6 | | | |
| 181 | 1 | 1 | | | | | | | | | 1 | 1 | | | | | | | | | | 1 | | | | | | | | | | | | 1 | 5 | 1 | 6 | | |
| 182 | 1 | 1 | 1 | 1 | | | | | | | 1 | | | | 1 | | | | | | | | | | | 1 | 1 | | | 1 | 1 | | | | 8 | 2 | 10 | | |
| 183 | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 0 | 1 | |
| 184 | | 1 | 1 | | | | | | | | | | | | 1 | | | | | | | | 1 | | | | | | | | | 1 | | | | 4 | 1 | 5 | |
| 185 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | 6 | 0 | 6 | | |
| 186 | 1 | 1 | 1 | 1 | | | | | | 1 | | | | | | | | | | | | | 1 | | | | 1 | | | | | 1 | | | 8 | 0 | 8 | | |
| 187 | 1 | 1 | 1 | 1 | 1 | | | | | | 1 | | | | 1 | | | | | | | | | | | | 1 | | | | | 1 | | | 7 | 2 | 9 | | |
| 188 | 1 | 1 | 1 | 1 | 1 | | | | | | 1 | 1 | 1 | | | | | | | | | | 1 | | | | | | | | | 1 | | | 8 | 1 | 9 | | |
| 189 | 1 | 1 | 1 | 1 | 1 | | | | | | 1 | | 1 | | 1 | | | | | | | | 1 | | | | | | | | | 1 | | | 8 | 2 | 10 | | |
| 190 | 1 | 1 | 1 | | 1 | | | | | | 1 | 1 | 1 | 1 | 1 | | | 1 | | | | | | | | | | | | | | 1 | | | 10 | 2 | 12 | | |
| 191 | 1 | 1 | 1 | | | | | | | | 1 | 1 | | | 1 | | | | | | | | | | | 1 | 1 | | | | | | | 1 | 7 | 2 | 9 | | |
| 192 | | 1 | 1 | | | | | | | | | 1 | | | 1 | | | | | | | | 1 | | | | | | | | | | | | 4 | 1 | 5 | | |
| 193 | | 1 | 1 | | | | | | | | | 1 | | | 1 | | | | | | | | | | | | | | | | | | | | 4 | 0 | 4 | | |
| 194 | 1 | | 1 | | | | | | 1 | | 1 | | 1 | | 1 | | | | | | 1 | | | | | 1 | | | | | 1 | | | | 7 | 2 | 9 | | |
| 195 | 1 | | 1 | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 | 3 | |
| 196 | 1 | | 1 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | 4 | 0 | 4 | |
| 197 | 1 | | 1 | | | | | | | | | | 1 | | | | | | | | | | | | | 1 | | | | | | | 1 | | | 5 | 0 | 5 | |
| 198 | 1 | | 1 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | 4 | 1 | 5 | |
| 199 | | 1 | | | | | | | | | | 1 | | | | | | | | | | | 1 | | | | | | | | | | | | | 3 | 0 | 3 | |
| 200 | 1 | 1 | 1 | | | | | | | | | 1 | | | | | | | | | | | 1 | | | | 1 | | 1 | | | | | | | 7 | 0 | 7 | |
| 201 | 1 | | 1 | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | 8 | 0 | 8 | |
| 202 | 1 | | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | 4 | 0 | 4 | |
| 203 | 1 | | 1 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 3 | 0 | 3 | |
| 204 | 1 | | 1 | | | | | | | | 1 | | | | | | | | | 1 | | | 1 | 1 | | | 1 | | | | | | | | | 5 | 2 | 7 | |
| 205 | | 1 | | | | | | | | | | 1 | 1 | | 1 | | | | | | | | 1 | | | | | 1 | | | | | | | 1 | 6 | 1 | 7 | |
| 206 | | 1 | 1 | | | | | | | | | 1 | 1 | | | | | | | | | | 1 | | | | | | | | | | | | | 5 | 0 | 5 | |
| 207 | | 1 | | | | | | | | | | 1 | | 1 | | | | | | | | | 1 | | | | | | 1 | | | | | | | 5 | 0 | 5 | |
| 208 | | 1 | | | | | | | | | | 1 | | 1 | | | | | | | | | 1 | | | 1 | 1 | | | | | | | | | 6 | 0 | 6 | |
| 209 | | 1 | | 1 | | | | | | | | 1 | 1 | | | | | | | | | | 1 | | | | 1 | | 1 | | | | | | | 8 | 0 | 8 | |
| 210 | | 1 | 1 | | | | | | | | | 1 | | | 1 | | | 1 | | | | | | | | | | | | | | | | | | 6 | 1 | 7 | |
| 211 | 1 | | 1 | | | | | | | | | | | | 1 | | | | | | | | 1 | | | | | | | | | | | | | 4 | 1 | 5 | |
| 212 | 1 | 1 | 1 | | | | | | | | | | | | 1 | | | | | | | | | | | | 1 | | | | | | | | | 5 | 1 | 6 | |
| 213 | 1 | 1 | 1 | | | | | | | | | | | | 1 | | | | | | | | | | | | 1 | 1 | | | | | | | | 9 | 1 | 10 | |
| 214 | 1 | 1 | 1 | | | | | | | | | | 1 | | 1 | | | | | | | | | | | | 1 | 1 | | | | | | | | 9 | 1 | 10 | |
| 215 | | 1 | 1 | | | | | | | | | | 1 | 1 | | | | 1 | | | | | | | | | | | | | | | | | | 7 | 0 | 7 | |
| 216 | | 1 | | | | | | | | | | 1 | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | 4 | 0 | 4 | |
| 217 | | 1 | | | | | | | | | | | 1 | | | | | | | | | | 1 | | | | | | | | | | | | | 3 | 0 | 3 | |
| 218 | | 1 | | | | | | | | | | 1 | | | | | | | | | | | 1 | | | | | | | | | | | | | 5 | 0 | 5 | |
| 219 | 1 | | 1 | | | | | | | | 1 | | | | | | | | | | | | 1 | 1 | | | 1 | | | | | | | | | 6 | 1 | 7 | |
| 220 | 1 | | 1 | 1 | | | | | | | 1 | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | 7 | 1 | 8 | |
| 221 | | 1 | 1 | 1 | | | | | | | 1 | 1 | 1 | | 1 | | | | | | | | | 1 | | | | | | | | | | | | 8 | 2 | 10 | |
| 222 | | 1 | | | | | | | | | | | | | 1 | | | | | | | | | | | | | 1 | | | | | | | | 2 | 1 | 3 | |
| 223 | | 1 | 1 | | | | | | | | | | | | 1 | | | | | | | | 1 | 1 | | | | 1 | | | | | | | | 7 | 1 | 8 | |
| 224 | | 1 | 1 | 1 | | | | | | | | | | | 1 | | | | | | | | 1 | | | | | 1 | | | | | | | | | 6 | 1 | 7 |

| Sample Point (SP) | Ceratophyllum demersum | Chara vulgaris | Elodea sp | Fontinalis sp | Heteranthera dubia | Hydrocharis morsus-ranae | Lemna minor | Lemna trisulca | Megalodonta beckii | Myriophyllum sibiricum | Myriophyllum spicatum | Najas flexilis | Najas guadalupensis | Nitella flexilis | Nitellopsis obtusa | Nuphar variegata | Nymphaea odorata | Potamogeton amplifolius | Potamogeton crispus | Potamogeton foliosus | Potamogeton gramineus | Potamogeton illinoensis | Potamogeton praelongus | Potamogeton pusillus | Potamogeton richardsonii | Potamogeton zosteriformis | Ranunculus trichophyllus | Spirodela polyrrhiza | Stuckenia pectinata | Utricularia vulgaris | Vallisneria americana | Wolffia columbiana | Pithophora sp | Native Species | Non-Native Species | Total Species | |
|-------------------|------------------------|----------------|-----------|---------------|--------------------|--------------------------|-------------|----------------|--------------------|------------------------|-----------------------|----------------|---------------------|------------------|--------------------|------------------|------------------|-------------------------|---------------------|----------------------|-----------------------|-------------------------|------------------------|----------------------|--------------------------|---------------------------|--------------------------|----------------------|---------------------|----------------------|-----------------------|--------------------|---------------|----------------|--------------------|---------------|----|
| 225 | | 1 | 1 | 1 | | | | | | | | | | | 1 | | | | | | | 1 | | | | 1 | | | | | | | | 8 | 1 | 9 | |
| 226 | 1 | 1 | 1 | 1 | | | | | | | | | | | 1 | | | | | | | 1 | 1 | | | 1 | | | 1 | 1 | | | | | 9 | 1 | 10 |
| 227 | 1 | | 1 | 1 | | | | | | | | | | | | | | | | | | 1 | 1 | | | 1 | | | 1 | 1 | | | | | 8 | 0 | 8 |
| 228 | | 1 | 1 | 1 | | | | | | | | | | | 1 | | | | 1 | | | | | | | 1 | | | 1 | | | 1 | | | 7 | 2 | 9 |
| 229 | | 1 | 1 | | | | | | | | | | 1 | | 1 | | | | | | | 1 | 1 | | | 1 | | | 1 | 1 | 1 | | | | 9 | 1 | 10 |
| 230 | | 1 | 1 | 1 | | | | | | | | | | | 1 | | | | | | | 1 | 1 | | | | | | 1 | 1 | 1 | | | | 8 | 1 | 9 |
| 231 | 1 | | 1 | 1 | | | | | | | | | | | 1 | | | | | | | 1 | 1 | 1 | | | | 1 | 1 | 1 | | | | | 9 | 1 | 10 |
| 232 | 1 | 1 | 1 | 1 | | | | | | | 1 | | 1 | | 1 | | | | | | | 1 | | | | | | 1 | 1 | 1 | | | | | 9 | 2 | 11 |
| 233 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | 1 | | | | | | 4 | 0 | 4 |
| 234 | 1 | | 1 | | | | | | | | | | | | | | | | | | | 1 | | 1 | | 1 | | | 1 | | | | | | 7 | 0 | 7 |
| 235 | 1 | | 1 | 1 | | | | | | | | | | | | | | | 1 | | | 1 | 1 | | | 1 | | | 1 | | | | | | 8 | 1 | 9 |
| 236 | 1 | | 1 | 1 | | | | | | | | | 1 | | | | | | 1 | | | 1 | | | | 1 | | | 1 | 1 | | | | | 8 | 1 | 9 |
| 237 | 1 | 1 | | | | | | | | | | | | | 1 | | | | | | | 1 | | | | | | | | 1 | | | | | 4 | 1 | 5 |
| 238 | | 1 | 1 | | | | | | | | 1 | | | | 1 | | | 1 | | | | | | | | | | | | | | | | | 3 | 2 | 5 |
| 239 | 1 | 1 | 1 | | | | | | | | | | | | 1 | | | | | | | 1 | | | | 1 | | | 1 | 1 | | | | | 8 | 1 | 9 |
| 240 | 1 | | 1 | | | | | | | | | | | | | | | | | | | 1 | | | | 1 | | | 1 | 1 | 1 | | | | 7 | 0 | 7 |
| 241 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | 0 | 1 | 1 |
| 242 | 1 | | 1 | | | | | | | | | | 1 | | | | | | | | | 1 | | | | 1 | | | 1 | | | | | | 7 | 0 | 7 |
| 243 | 1 | | 1 | | | | | | | | | | | | | | | | | | | 1 | | | | 1 | | | 1 | 1 | 1 | | | | 7 | 0 | 7 |
| 244 | | 1 | | | | | | | | | | | | | | | | 1 | | | | 1 | | | | | | | | | | | | | 3 | 0 | 3 |
| 245 | | 1 | 1 | | | | | | | | 1 | | | | 1 | | | | | | | 1 | | | | | | | | | | | | 1 | 4 | 2 | 6 |
| 246 | 1 | | 1 | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | 1 | 1 | 1 | | | | | 8 | 0 | 8 |
| 247 | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | 1 | 0 | 1 |
| 248 | 1 | | | | | | | | | | | | 1 | | | | | | | 1 | | | | | | 1 | | | 1 | | 1 | | | | 5 | 1 | 6 |
| 249 | | 1 | 1 | 1 | | | | | | | | | | | 1 | | | | | | | 1 | | | | 1 | 1 | | 1 | | 1 | | | | 8 | 1 | 9 |
| 250 | | 1 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | 2 | 0 | 2 |
| 251 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | 1 | | | | 5 | 0 | 5 |
| 252 | 1 | 1 | 1 | | | | | | | | 1 | | | | | | | | | | | | | | | 1 | | | 1 | | 1 | | | | 6 | 1 | 7 |
| 253 | | 1 | 1 | | | | | | | | | | | | | | | | | | | 1 | | | | 1 | | | | | 1 | | | 1 | 6 | 0 | 6 |
| 254 | 1 | 1 | 1 | 1 | | | | | 1 | | 1 | | | | 1 | | | | | | | 1 | 1 | | | 1 | 1 | | 1 | | 1 | | | | 10 | 2 | 12 |
| 255 | | | 1 | 1 | | | | | 1 | | | | | | | | | | | | | 1 | 1 | | | 1 | 1 | | 1 | | 1 | | | | 9 | 0 | 9 |
| 256 | | 1 | 1 | 1 | | | | | | | | 1 | | | 1 | | | | | | | 1 | | | | 1 | | | 1 | | | | | | 6 | 1 | 7 |
| 257 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | 1 | | | | 1 | | | 1 | | 1 | | | | 8 | 0 | 8 |
| 258 | 1 | | 1 | 1 | | | | | | | | | | | | | | 1 | | | | 1 | 1 | | | 1 | | | | | 1 | | | | 8 | 0 | 8 |
| 259 | 1 | 1 | 1 | 1 | 1 | | | | | | 1 | | | | | | | | | | | | 1 | 1 | | | | | 1 | 1 | 1 | | | | 11 | 0 | 11 |
| 260 | 1 | | 1 | | | | | | | | 1 | | | | | | | | | | | | | | | 1 | | | 1 | | 1 | | | | 5 | 1 | 6 |
| 261 | 1 | | 1 | | | | | | | | 1 | | | | | | | | | | | 1 | | | | | 1 | | | 1 | | | | | 5 | 1 | 6 |
| 262 | | | 1 | | 1 | | | | | | 1 | 1 | 1 | | 1 | | | | | | | 1 | | | | | | | 1 | 1 | | | | | 8 | 1 | 9 |
| 263 | | 1 | | | | | | | | | 1 | 1 | 1 | | 1 | | | | | | | | | | | | | | | | | | | | 3 | 2 | 5 |
| 264 | 1 | | 1 | | | | | | | | | | | | | | | | | | | 1 | | | | | | | 1 | | | | | | 4 | 0 | 4 |
| 265 | | 1 | 1 | | | | | | | | | 1 | | | 1 | | | | | | | 1 | 1 | | | 1 | 1 | | | | 1 | | | | 8 | 1 | 9 |
| 266 | | 1 | 1 | | | | | | | | 1 | 1 | 1 | 1 | 1 | | | 1 | | | | 1 | | | | 1 | 1 | | | | 1 | | | | 10 | 1 | 11 |
| 267 | | 1 | | | | | | | | | 1 | | | | | | | | | | | 1 | | | | | | | | | | | | | 3 | 0 | 3 |
| 268 | 1 | | 1 | | | | | | | | 1 | | | | 1 | | | | | | | | 1 | | | 1 | 1 | | | 1 | 1 | | | | 9 | 1 | 10 |
| 269 | 1 | | 1 | | | | | | | | 1 | | | | | | | | | | | 1 | | | | | 1 | | 1 | | 1 | | | | 6 | 1 | 7 |

| Sample Point (SP) | Ceratophyllum demersum | Chara vulgaris | Elodea sp | Fontinalis sp | Heteranthera dubia | Hydrocharis morsus-ranae | Lemna minor | Lemna trisulca | Megalodonta beckii | Myriophyllum sibiricum | Myriophyllum spicatum | Najas flexilis | Najas guadalupensis | Nitella flexilis | Nitellopsis obtusa | Nuphar variegata | Nymphaea odorata | Potamogeton amplifolius | Potamogeton crispus | Potamogeton foliosus | Potamogeton gramineus | Potamogeton illinoensis | Potamogeton praelongus | Potamogeton pusillus | Potamogeton richardsonii | Potamogeton zosteriformis | Ranunculus trichophyllus | Spirodela polyrrhiza | Stuckenia pectinata | Utricularia vulgaris | Vallisneria americana | Wolffia columbiana | Pithophora sp | Native Species | Non-Native Species | Total Species | | | | |
|-------------------|------------------------|----------------|-----------|---------------|--------------------|--------------------------|-------------|----------------|--------------------|------------------------|-----------------------|----------------|---------------------|------------------|--------------------|------------------|------------------|-------------------------|---------------------|----------------------|-----------------------|-------------------------|------------------------|----------------------|--------------------------|---------------------------|--------------------------|----------------------|---------------------|----------------------|-----------------------|--------------------|---------------|----------------|--------------------|---------------|----|----|----|---|
| 270 | 1 | 1 | 1 | | | | | | | | 1 | | 1 | | | | | | | | | 1 | | | 1 | 1 | | 1 | | | | | | | | 9 | 1 | 10 | | |
| 271 | 1 | 1 | 1 | | | | | | | | | | | | | | | 1 | | | | | | | | 1 | | | 1 | | | | | | | | 7 | 0 | 7 | |
| 272 | 1 | 1 | 1 | | | | | | | | | | | | 1 | | | | | | | | | | | | | | 1 | 1 | 1 | | | | | | 7 | 1 | 8 | |
| 273 | 1 | | 1 | | | | | | | | | | | | | | | | | | | | 1 | | | | 1 | | 1 | | | | | | | | 6 | 0 | 6 | |
| 274 | 1 | | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 | | 1 | | | | | | | | 6 | 0 | 6 | |
| 275 | 1 | 1 | 1 | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | 9 | 0 | 9 | |
| 276 | 1 | | 1 | | 1 | | | | | | 1 | | | | | | | | | | | | | | | | 1 | | | | 1 | 1 | | | | | 7 | 1 | 8 | |
| 277 | 1 | | 1 | | 1 | | | | | | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | 1 | | | | | 7 | 1 | 8 | |
| 278 | 1 | | 1 | | 1 | | | | | | 1 | 1 | 1 | | 1 | | | | | | | | | | | | | | | | | 1 | | | | | 7 | 2 | 9 | |
| 279 | | | 1 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | 1 | | | | | 3 | 0 | 3 | |
| 280 | | 1 | 1 | | 1 | | | | | | | 1 | 1 | | 1 | | | | | | | | | | | 1 | | | | | 1 | | | | | | 7 | 1 | 8 | |
| 281 | | | 1 | | | | | | | | 1 | | 1 | | 1 | | | | | | | | 1 | | | | | | 1 | | 1 | | | | | | 5 | 2 | 7 | |
| 282 | 1 | 1 | 1 | | | | | | | | 1 | 1 | | | 1 | | | | | | | | | | | | | 1 | 1 | | 1 | 1 | | | | | 9 | 2 | 11 | |
| 283 | 1 | | 1 | | | | | | | | 1 | | 1 | | | | | | | | | | | 1 | | | | 1 | | | | 1 | | | | | | 5 | 1 | 6 |
| 284 | | 1 | 1 | | | | | | | | | 1 | 1 | | 1 | | | 1 | | | | | | | | | | | | | | 1 | | | | | 7 | 1 | 8 | |
| 285 | | 1 | 1 | | 1 | | | | | | | 1 | 1 | | | | | | | | | | | | | | | 1 | | | | 1 | | | | | 8 | 0 | 8 | |
| 286 | | 1 | 1 | 1 | 1 | | | | | | | 1 | 1 | | 1 | | | | | | | | | | | | 1 | | 1 | 1 | | | | | | | 10 | 1 | 11 | |
| 287 | 1 | 1 | 1 | | | | | | | | | | 1 | | 1 | | | | | | | | | 1 | | | | | | | 1 | | | | | | 7 | 1 | 8 | |
| 288 | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | 1 | | | | | 1 | | | | 1 | | 6 | 0 | 6 |
| 289 | | | | | 1 | | | | | | 1 | | | | | | | | | | | | | | | | 1 | 1 | | | | 1 | | | | | 5 | 1 | 6 | |
| 290 | | 1 | 1 | | 1 | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | | | 1 | | | | | 6 | 0 | 6 | |
| 291 | | 1 | 1 | | 1 | | | | | | 1 | 1 | 1 | | | | | | | | | | | | | | 1 | 1 | | 1 | | 1 | | | | | 10 | 1 | 11 | |
| 292 | | 1 | 1 | | 1 | | | | | | 1 | 1 | 1 | | 1 | | | | | | | | | | | | | 1 | | | | | 1 | | | | 8 | 2 | 10 | |
| 293 | 1 | 1 | 1 | | | | | | | | 1 | 1 | 1 | | 1 | | | | | | | | | | | | | | | 1 | | 1 | | | | | 8 | 2 | 10 | |
| 294 | | 1 | 1 | | 1 | | | | | | 1 | 1 | 1 | | 1 | | | | | | | | | | | | 1 | | | | 1 | 1 | | | | | 9 | 1 | 10 | |
| 295 | | 1 | 1 | | | | | | | | | 1 | 1 | | 1 | | | | | | | | | | | | | | | | | 1 | | | | | 6 | 1 | 7 | |
| 296 | 1 | | 1 | | | | | | | | 1 | | 1 | | 1 | | | | | | | | | 1 | | | | | | | 1 | | | | | | 6 | 2 | 8 | |
| 297 | | 1 | 1 | | 1 | | | | | | 1 | 1 | | | 1 | | | | | | | | | | | | | | | | 1 | | | | | | 6 | 2 | 8 | |
| 298 | | 1 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | 1 | | | | 5 | 0 | 5 | |
| 299 | | 1 | 1 | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | 1 | 1 | | 1 | | 1 | | | | | 7 | 1 | 8 | |
| 300 | | | 1 | | | | | | | | 1 | 1 | 1 | | | | | | | | | | | | | | | 1 | | | | 1 | | | | | 7 | 1 | 8 | |
| 301 | | | 1 | | | | | | | | 1 | 1 | 1 | | | | | | | | | | | | | | 1 | 1 | | | 1 | | | | | | 8 | 1 | 9 | |
| 302 | | | 1 | | | | | | | | 1 | 1 | | | 1 | | | | | | | | | | | | | | | 1 | | 1 | | | | | 5 | 2 | 7 | |
| 303 | | | 1 | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 | 4 | |
| 304 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 |

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| # in 304 | 137 | 165 | 237 | 60 | 40 | 1 | 2 | 2 | 3 | 1 | 124 | 83 | 79 | 8 | 170 | 10 | 1 | 30 | 15 | 8 | 1 | 178 | 39 | 25 | 14 | 120 | 52 | 1 | 61 | 73 | 146 | 4 | 15 | 1595 | 310 | 1905 |
| % in 304 | 45 | 54 | 78 | 20 | 13 | 0 | 1 | 1 | 1 | 0 | 41 | 27 | 26 | 3 | 56 | 3 | 0 | 10 | 5 | 3 | 0 | 59 | 13 | 8 | 5 | 39 | 17 | 0 | 20 | 24 | 48 | 1 | 5 | | | |

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| # in 302 | 137 | 165 | 236 | 60 | 40 | 1 | 2 | 2 | 3 | 1 | 123 | 82 | 79 | 8 | 170 | 10 | 1 | 30 | 15 | 8 | 1 | 177 | 39 | 25 | 14 | 120 | 52 | 1 | 61 | 73 | 146 | 4 | 15 | 1592 | 309 | 1901 |
| % in 302 | 45 | 55 | 78 | 20 | 13 | 0 | 1 | 1 | 1 | 0 | 41 | 27 | 26 | 3 | 56 | 3 | 0 | 10 | 5 | 3 | 0 | 59 | 13 | 8 | 5 | 40 | 17 | 0 | 20 | 24 | 48 | 1 | 5 | | | |