

| Plant abundance is on a scale of 1 – 5: 1 = present but rare (1 plant), 2 = occasional (a few plants), 3 = common (more than a few plants), 4 = abundant, 5 = extremely abundant or |           |           |          |       |                         |       | **Follow this link to convert decimal degrees to degrees minutes seconds<br><a href="http://www.fcc.gov/mb/audio/bickel/DDDMSS-decimal.html">http://www.fcc.gov/mb/audio/bickel/DDDMSS-decimal.html</a> |                           |                        |                       |                             |                           |                            |          |          |           |
|---|-----------|-----------|----------|-------|-------------------------|-------|---|---------------------------|------------------------|-----------------------|-----------------------------|---------------------------|----------------------------|----------|----------|-----------|
| Surveyor  | Depth (m) | Substrate | Transect | Point | Distance from shore (m) | Notes | <i>Elatine</i> species  | <i>Eleocharis</i> species | <i>Isoetes</i> species | <i>Najas flexilis</i> | <i>Potamogeton foliosus</i> | <i>Sparganium</i> species | <i>Utricularia radiata</i> | Date     | Latitude | Longitude |
| Jordan Gibbons  | 0.5       | Sand      | 1        | 1     | 0.5                     |       | 2   | 4                         | 0                      | 0                     | 0                           | 0                         | 0                          | 7/3/2013 | 41.90454 | -72.12851 |
| Jordan Gibbons  | 0.5       | Sand      | 1        | 2     | 5.0                     |       | 2   | 2                         | 2                      | 0                     | 0                           | 0                         | 1                          | 7/3/2013 | 41.90434 | -72.12849 |
| Jordan Gibbons  | 1.0       | Sand      | 1        | 3     | 10.0                    |       | 0   | 0                         | 0                      | 0                     | 0                           | 0                         | 1                          | 7/3/2013 | 41.90431 | -72.12851 |
| Jordan Gibbons  | 1.6       | Sand      | 1        | 4     | 20.0                    |       | 0   | 0                         | 0                      | 3                     | 0                           | 0                         | 2                          | 7/3/2013 | 41.90425 | -72.12857 |
| Jordan Gibbons  | 1.4       | Sand      | 1        | 5     | 30.0                    |       | 0   | 0                         | 0                      | 0                     | 2                           | 0                         | 0                          | 7/3/2013 | 41.90421 | -72.12872 |
| Jordan Gibbons  | 1.8       | Sand      | 1        | 6     | 40.0                    |       | 0   | 0                         | 0                      | 0                     | 1                           | 0                         | 0                          | 7/3/2013 | 41.90415 | -72.12878 |
| Jordan Gibbons  | 2.5       | Sand      | 1        | 7     | 50.0                    |       | 0   | 0                         | 0                      | 0                     | 0                           | 0                         | 0                          | 7/3/2013 | 41.90411 | -72.12891 |
| Jordan Gibbons  | 2.4       | Sand      | 1        | 8     | 60.0                    |       | 0   | 0                         | 0                      | 0                     | 2                           | 0                         | 0                          | 7/3/2013 | 41.90412 | -72.12904 |
| Jordan Gibbons  | 1.9       | Sand      | 1        | 9     | 70.0                    |       | 0   | 0                         | 0                      | 2                     | 1                           | 0                         | 0                          | 7/3/2013 | 41.90413 | -72.12920 |
| Jordan Gibbons  | 1.9       | Sand      | 1        | 10    | 80.0                    |       | 0   | 0                         | 0                      | 3                     | 4                           | 0                         | 2                          | 7/3/2013 | 41.90411 | -72.12933 |
| Jordan Gibbons  | 0.5       | Gravel    | 2        | 1     | 0.5                     |       | 0   | 0                         | 0                      | 0                     | 0                           | 0                         | 0                          | 7/3/2013 | 41.90250 | -72.12991 |
| Jordan Gibbons  | 1.0       | Muck      | 2        | 2     | 5.0                     |       | 0   | 3                         | 0                      | 2                     | 2                           | 3                         | 1                          | 7/3/2013 | 41.90251 | -72.12981 |
| Jordan Gibbons  | 1.5       | Muck      | 2        | 3     | 10.0                    |       | 0   | 0                         | 0                      | 4                     | 0                           | 0                         | 1                          | 7/3/2013 | 41.90247 | -72.12970 |
| Jordan Gibbons  | 1.4       | Muck      | 2        | 4     | 20.0                    |       | 0   | 0                         | 0                      | 4                     | 2                           | 0                         | 0                          | 7/3/2013 | 41.90244 | -72.12963 |
| Jordan Gibbons  | 1.6       | Muck      | 2        | 5     | 30.0                    |       | 0   | 0                         | 0                      | 4                     | 3                           | 0                         | 0                          | 7/3/2013 | 41.90243 | -72.12955 |
| Jordan Gibbons  | 1.7       | Muck      | 2        | 6     | 40.0                    |       | 0   | 0                         | 0                      | 0                     | 0                           | 0                         | 0                          | 7/3/2013 | 41.90244 | -72.12939 |
| Jordan Gibbons  | 2.3       | Muck      | 2        | 7     | 50.0                    |       | 0   | 0                         | 0                      | 0                     | 2                           | 0                         | 0                          | 7/3/2013 | 41.90250 | -72.12927 |
| Jordan Gibbons  | 2.8       | Muck      | 2        | 8     | 60.0                    |       | 0   | 0                         | 0                      | 0                     | 0                           | 0                         | 0                          | 7/3/2013 | 41.90249 | -72.12915 |
| Jordan Gibbons  | 3.5       | Muck      | 2        | 9     | 70.0                    |       | 0   | 0                         | 0                      | 0                     | 2                           | 0                         | 0                          | 7/3/2013 | 41.90240 | -72.12905 |
| Jordan Gibbons  | 3.7       | Muck      | 2        | 10    | 80.0                    |       | 0   | 0                         | 0                      | 0                     | 3                           | 0                         | 0                          | 7/3/2013 | 41.90236 | -72.12894 |
| Jordan Gibbons  | 0.5       | Sand      | 3        | 1     | 0.5                     |       | 0   | 2                         | 2                      | 2                     | 0                           | 0                         | 0                          | 7/3/2013 | 41.89612 | -72.12673 |



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|---|-----------|-----------|----------|-------|-------------------------|-------|---|---------------------------|------------------------|-----------------------|-----------------------------|---------------------------|----------------------------|----------|----------|-----------|
| Surveyor  | Depth (m) | Substrate | Transect | Point | Distance from shore (m) | Notes | <i>Elatine</i> species  | <i>Eleocharis</i> species | <i>Isoetes</i> species | <i>Najas flexilis</i> | <i>Potamogeton foliosus</i> | <i>Sparganium</i> species | <i>Utricularia radiata</i> | Date     | Latitude | Longitude |
| Jordan Gibbons  | 1.0       | Organic   | 3        | 2     | 5.0                     |       | 0   | 0                         | 0                      | 0                     | 0                           | 0                         | 0                          | 7/3/2013 | 41.89617 | -72.12675 |
| Jordan Gibbons  | 3.4       | Organic   | 3        | 3     | 10.0                    |       | 0   | 0                         | 0                      | 0                     | 0                           | 0                         | 0                          | 7/3/2013 | 41.89621 | -72.16800 |
| Jordan Gibbons  | 4.0       | Organic   | 3        | 4     | 20.0                    |       | 0   | 0                         | 0                      | 0                     | 0                           | 0                         | 0                          | 7/3/2013 | 41.89628 | -72.12688 |
| Jordan Gibbons  | 3.9       | Muck      | 3        | 5     | 30.0                    |       | 0   | 0                         | 0                      | 0                     | 0                           | 0                         | 0                          | 7/3/2013 | 41.89634 | -72.12696 |
| Jordan Gibbons  | 4.0       | Muck      | 3        | 6     | 40.0                    |       | 0   | 0                         | 0                      | 0                     | 0                           | 0                         | 0                          | 7/3/2013 | 41.89643 | -72.12701 |
| Jordan Gibbons  | 4.3       | Muck      | 3        | 7     | 50.0                    |       | 0   | 0                         | 0                      | 0                     | 0                           | 0                         | 0                          | 7/3/2013 | 41.89651 | -72.12708 |
| Jordan Gibbons  | 4.6       | Muck      | 3        | 8     | 60.0                    |       | 0   | 0                         | 0                      | 0                     | 0                           | 0                         | 0                          | 7/3/2013 | 41.89659 | -72.12714 |
| Jordan Gibbons  | 4.8       | Muck      | 3        | 9     | 70.0                    |       | 0   | 0                         | 0                      | 0                     | 0                           | 0                         | 0                          | 7/3/2013 | 41.89665 | -72.12722 |
| Jordan Gibbons  | 4.4       | Muck      | 3        | 10    | 80.0                    |       | 0   | 0                         | 0                      | 0                     | 0                           | 0                         | 0                          | 7/3/2013 | 41.89671 | -72.12730 |
| Jordan Gibbons  | 0.5       | Sand      | 4        | 1     | 0.5                     |       | 0   | 0                         | 0                      | 1                     | 2                           | 0                         | 0                          | 7/3/2013 | 41.89799 | -72.12589 |
| Jordan Gibbons  | 0.5       | Sand      | 4        | 2     | 5.0                     |       | 0   | 0                         | 0                      | 3                     | 0                           | 0                         | 0                          | 7/3/2013 | 41.89803 | -72.12598 |
| Jordan Gibbons  | 1.0       | Sand      | 4        | 3     | 10.0                    |       | 0   | 0                         | 0                      | 2                     | 0                           | 0                         | 0                          | 7/3/2013 | 41.89806 | -72.12598 |
| Jordan Gibbons  | 1.2       | Sand      | 4        | 4     | 20.0                    |       | 0   | 0                         | 0                      | 4                     | 0                           | 0                         | 0                          | 7/3/2013 | 41.89814 | -72.12605 |
| Jordan Gibbons  | 1.2       | Sand      | 4        | 5     | 30.0                    |       | 0   | 0                         | 0                      | 3                     | 2                           | 0                         | 0                          | 7/3/2013 | 41.89820 | -72.12614 |
| Jordan Gibbons  | 2.1       | Sand      | 4        | 6     | 40.0                    |       | 0   | 0                         | 0                      | 0                     | 0                           | 0                         | 0                          | 7/3/2013 | 41.89828 | -72.12623 |
| Jordan Gibbons  | 2.1       | Sand      | 4        | 7     | 50.0                    |       | 0   | 0                         | 0                      | 0                     | 0                           | 0                         | 0                          | 7/3/2013 | 41.89835 | -72.12630 |
| Jordan Gibbons  | 2.4       | Sand      | 4        | 8     | 60.0                    |       | 0   | 0                         | 0                      | 0                     | 1                           | 0                         | 0                          | 7/3/2013 | 41.89841 | -72.12637 |
| Jordan Gibbons  | 2.6       | Sand      | 4        | 9     | 70.0                    |       | 0   | 0                         | 0                      | 0                     | 0                           | 0                         | 0                          | 7/3/2013 | 41.89848 | -72.12646 |
| Jordan Gibbons  | 3.5       | Sand      | 4        | 10    | 80.0                    |       | 0   | 0                         | 0                      | 0                     | 0                           | 0                         | 0                          | 7/3/2013 | 41.89851 | -72.12656 |
| Jordan Gibbons  | 0.5       | Sand      | 5        | 1     | 0.5                     |       | 1   | 4                         | 2                      | 3                     | 0                           | 2                         | 0                          | 7/3/2013 | 41.90035 | -72.12602 |
| Jordan Gibbons  | 0.8       | Muck      | 5        | 2     | 5.0                     |       | 0   | 2                         | 4                      | 0                     | 0                           | 0                         | 0                          | 7/3/2013 | 41.90034 | -72.12614 |
| Jordan Gibbons  | 1.0       | Muck      | 5        | 3     | 10.0                    |       | 0   | 0                         | 0                      | 0                     | 0                           | 0                         | 0                          | 7/3/2013 | 41.90035 | -72.12621 |



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|---|-----------|-----------|----------|-------|-------------------------|-------|------------------------|---|------------------------|-----------------------|-----------------------------|---------------------------|----------------------------|----------|----------|-----------|
| Surveyor  | Depth (m) | Substrate | Transect | Point | Distance from shore (m) | Notes | <i>Elatine</i> species | <i>Eleocharis</i> species   | <i>Isoetes</i> species | <i>Najas flexilis</i> | <i>Potamogeton foliosus</i> | <i>Sparganium</i> species | <i>Utricularia radiata</i> | Date     | Latitude | Longitude |
| Jordan Gibbons  | 2.5       | Muck      | 5        | 4     | 20.0                    |       | 0                      | 0   | 0                      | 0                     | 2                           | 0                         | 0                          | 7/3/2013 | 41.90029 | -72.12635 |
| Jordan Gibbons  | 3.1       | Muck      | 5        | 5     | 30.0                    |       | 0                      | 0   | 0                      | 0                     | 0                           | 0                         | 0                          | 7/3/2013 | 41.90026 | -72.12646 |
| Jordan Gibbons  | 3.1       | Muck      | 5        | 6     | 40.0                    |       | 0                      | 0   | 0                      | 0                     | 0                           | 0                         | 0                          | 7/3/2013 | 41.90023 | -72.12656 |
| Jordan Gibbons  | 3.8       | Muck      | 5        | 7     | 50.0                    |       | 0                      | 0   | 0                      | 0                     | 0                           | 0                         | 0                          | 7/3/2013 | 41.90019 | -72.12669 |
| Jordan Gibbons  | 3.9       | Muck      | 5        | 8     | 60.0                    |       | 0                      | 0   | 0                      | 0                     | 3                           | 0                         | 0                          | 7/3/2013 | 41.90017 | -72.12682 |
| Jordan Gibbons  | 4.0       | Muck      | 5        | 9     | 70.0                    |       | 0                      | 0   | 0                      | 0                     | 3                           | 0                         | 0                          | 7/3/2013 | 41.90010 | -72.12691 |
| Jordan Gibbons  | 3.9       | Muck      | 5        | 10    | 80.0                    |       | 0                      | 0   | 0                      | 0                     | 4                           | 0                         | 0                          | 7/3/2013 | 41.90008 | -72.12702 |
| Jordan Gibbons  | 0.5       | Organic   | 6        | 1     | 0.5                     |       | 0                      | 0   | 0                      | 0                     | 2                           | 0                         | 0                          | 7/3/2013 | 41.90263 | -72.12752 |
| Jordan Gibbons  | 0.5       | Organic   | 6        | 2     | 5.0                     |       | 0                      | 0   | 0                      | 0                     | 0                           | 0                         | 0                          | 7/3/2013 | 41.90267 | -72.12754 |
| Jordan Gibbons  | 1.0       | Organic   | 6        | 3     | 10.0                    |       | 0                      | 0   | 0                      | 0                     | 2                           | 0                         | 0                          | 7/3/2013 | 41.90271 | -72.12761 |
| Jordan Gibbons  | 2.3       | Sand      | 6        | 4     | 20.0                    |       | 0                      | 0   | 0                      | 0                     | 0                           | 0                         | 0                          | 7/3/2013 | 41.90263 | -72.12775 |
| Jordan Gibbons  | 2.8       | Sand      | 6        | 5     | 30.0                    |       | 0                      | 0   | 0                      | 0                     | 0                           | 0                         | 0                          | 7/3/2013 | 41.90260 | -72.12783 |
| Jordan Gibbons  | 3.3       | Sand      | 6        | 6     | 40.0                    |       | 0                      | 0   | 0                      | 0                     | 0                           | 0                         | 0                          | 7/3/2013 | 41.90257 | -72.12798 |
| Jordan Gibbons  | 3.8       | Sand      | 6        | 7     | 50.0                    |       | 0                      | 0   | 0                      | 0                     | 1                           | 0                         | 0                          | 7/3/2013 | 41.90251 | -72.12823 |
| Jordan Gibbons  | 3.7       | Sand      | 6        | 8     | 60.0                    |       | 0                      | 0   | 0                      | 0                     | 0                           | 0                         | 0                          | 7/3/2013 | 41.90244 | -72.12814 |
| Jordan Gibbons  | 3.8       | Sand      | 6        | 9     | 70.0                    |       | 0                      | 0   | 0                      | 0                     | 2                           | 0                         | 0                          | 7/3/2013 | 41.90238 | -72.12823 |
| Jordan Gibbons  | 3.7       | Sand      | 6        | 10    | 80.0                    |       | 0                      | 0   | 0                      | 0                     | 2                           | 0                         | 0                          | 7/3/2013 | 41.90247 | -72.12845 |

