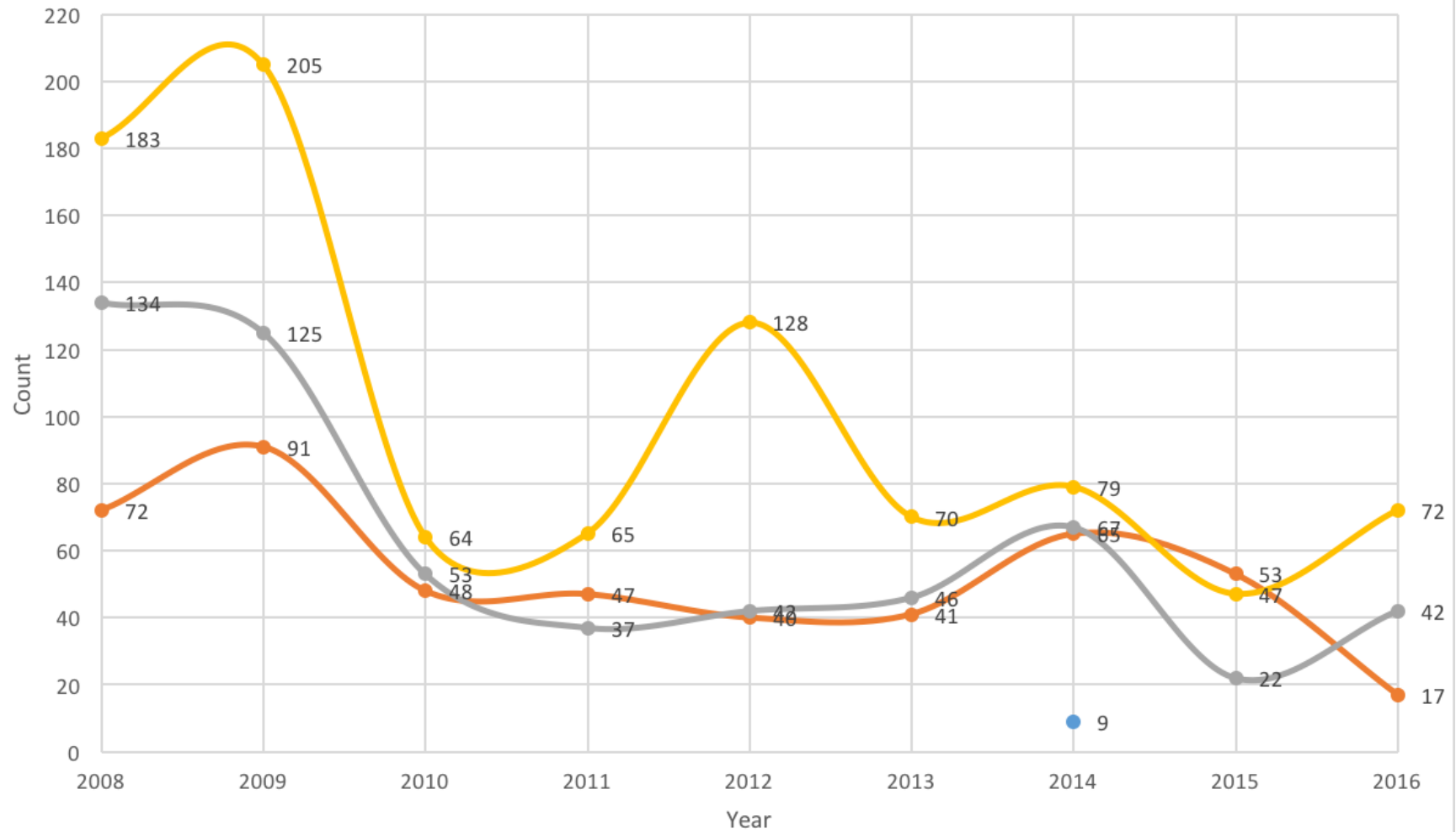


Call Observations of Known Frog Species from 2008-2016

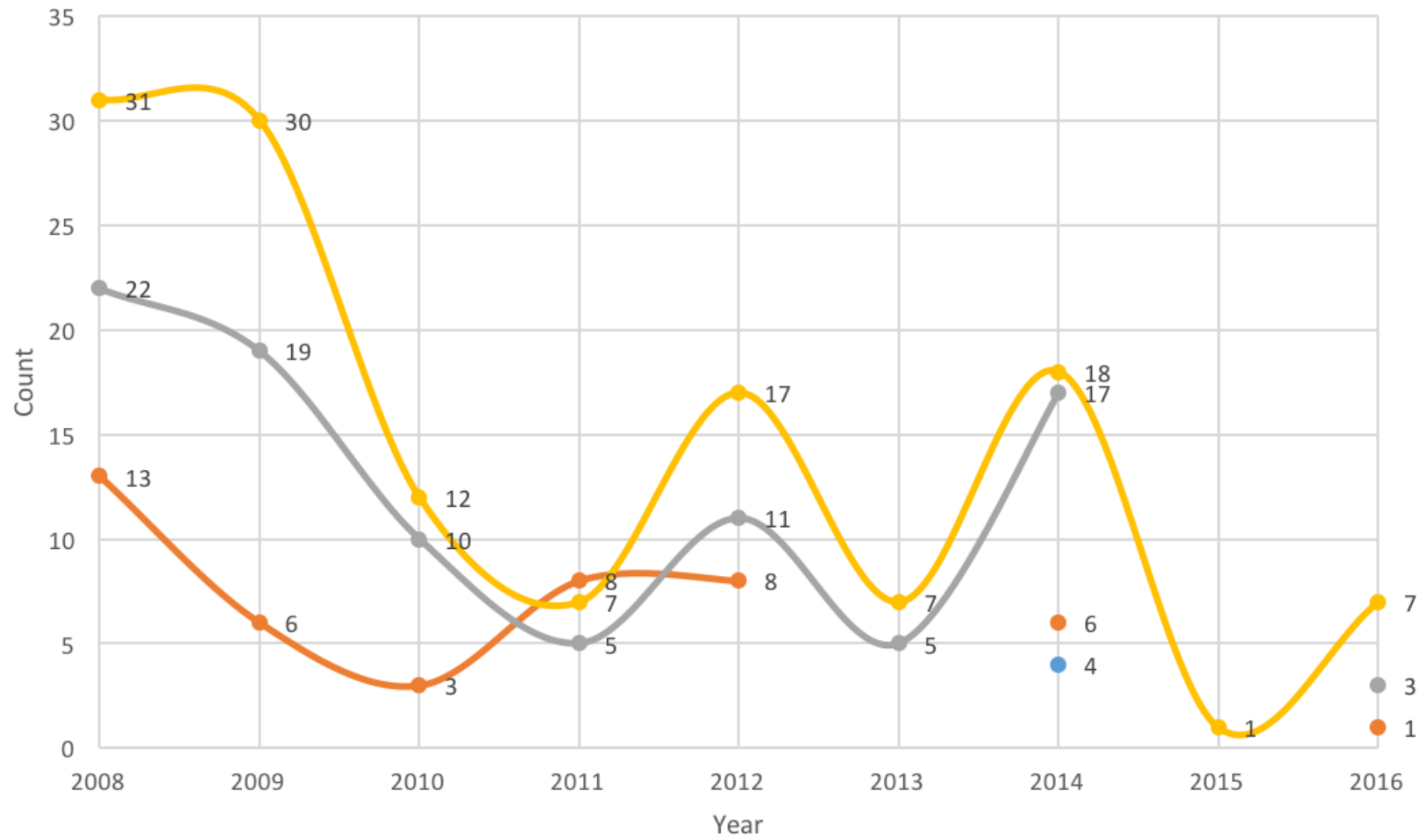
All Known Species Call Observations 2008-2016






- Species not calling
- Full chorus; calls consistent, continuous, and overlapping
- Calls of individuals can be distinguished, but there is some overlapping
- Individuals can be counted; space between calls

| | | | | | | | | | | | |
|--|--------------------|------|------|------|------|------|------|------|------|-------------|--|
| Species | (Multiple Items) ▼ | | | | | | | | | | |
| Count of Year | Column Labels ▼ | | | | | | | | | | |
| Row Labels ▼ | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | Grand Total | |
| Species not calling | | | | | | | 9 | | | 9 | |
| Full chorus; calls consistent, continuous, and overlapping | 72 | 91 | 48 | 47 | 40 | 41 | 65 | 53 | 17 | 474 | |
| Calls of individuals can be distinguished, but there is some overlapping | 134 | 125 | 53 | 37 | 42 | 46 | 67 | 22 | 42 | 568 | |
| Individuals can be counted; space between calls | 183 | 205 | 64 | 65 | 128 | 70 | 79 | 47 | 72 | 913 | |
| Grand Total | 389 | 421 | 165 | 149 | 210 | 157 | 220 | 122 | 131 | 1964 | |

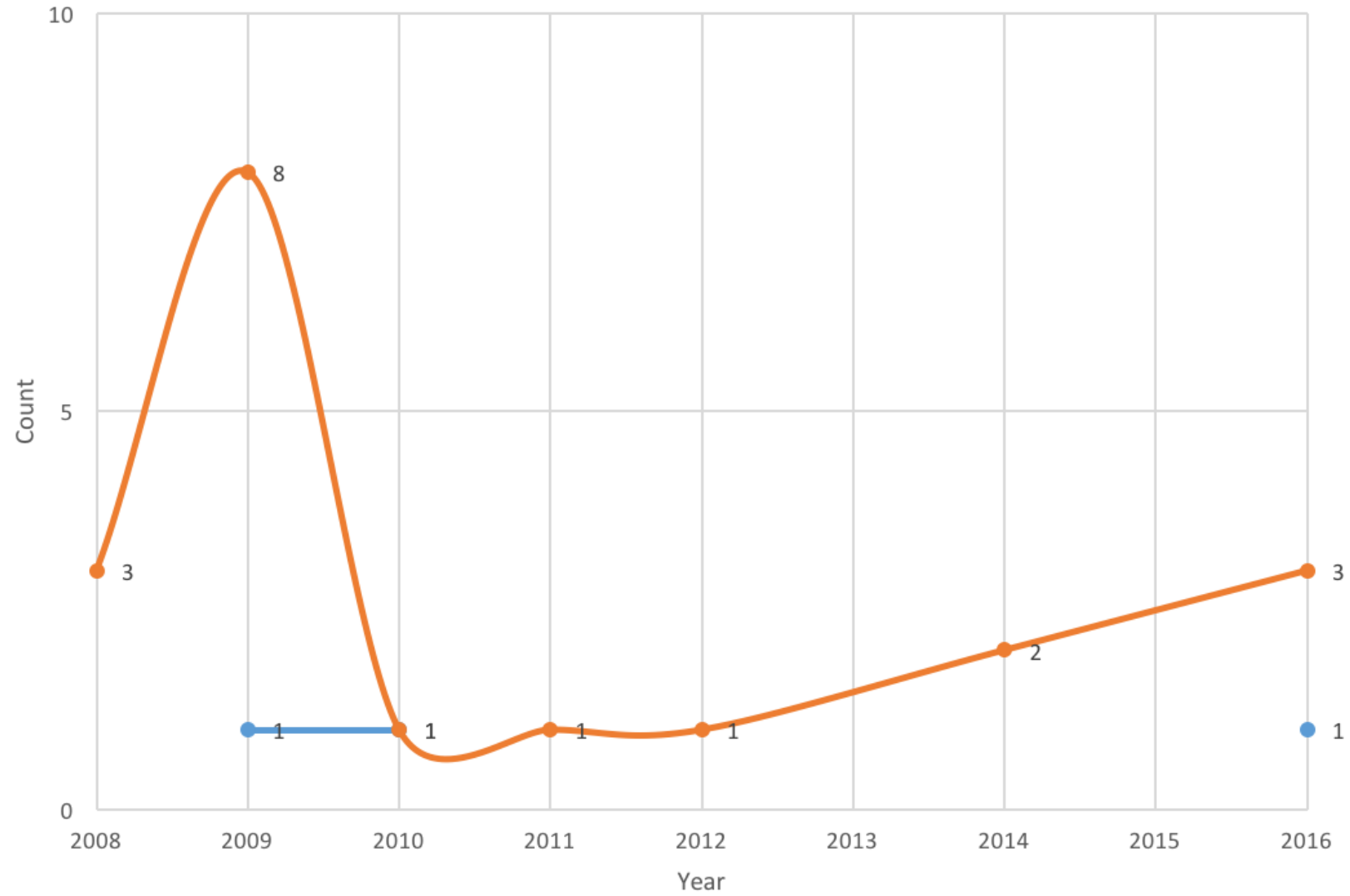
American Toad Call Observations 2008-2016



- Species not calling
- Full chorus; calls consistent, continuous, and overlapping
- Calls of individuals can be distinguished, but there is some overlapping
- Individuals can be counted; space between calls

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|--|---|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|-------------|
| Species | American toad  | | | | | | | | | |
| Count of Year | Column Labels  | | | | | | | | | |
| Row Labels  | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | Grand Total |
| Species not calling | | | | | | | 4 | | | 4 |
| Full chorus; calls consistent, continuous, and overlapping | 13 | 6 | 3 | 8 | 8 | | 6 | | 1 | 45 |
| Calls of individuals can be distinguished, but there is some overlapping | 22 | 19 | 10 | 5 | 11 | 5 | 17 | | 3 | 92 |
| Individuals can be counted; space between calls | 31 | 30 | 12 | 7 | 17 | 7 | 18 | 1 | 7 | 130 |
| Grand Total | 66 | 55 | 25 | 20 | 36 | 12 | 45 | 1 | 11 | 271 |

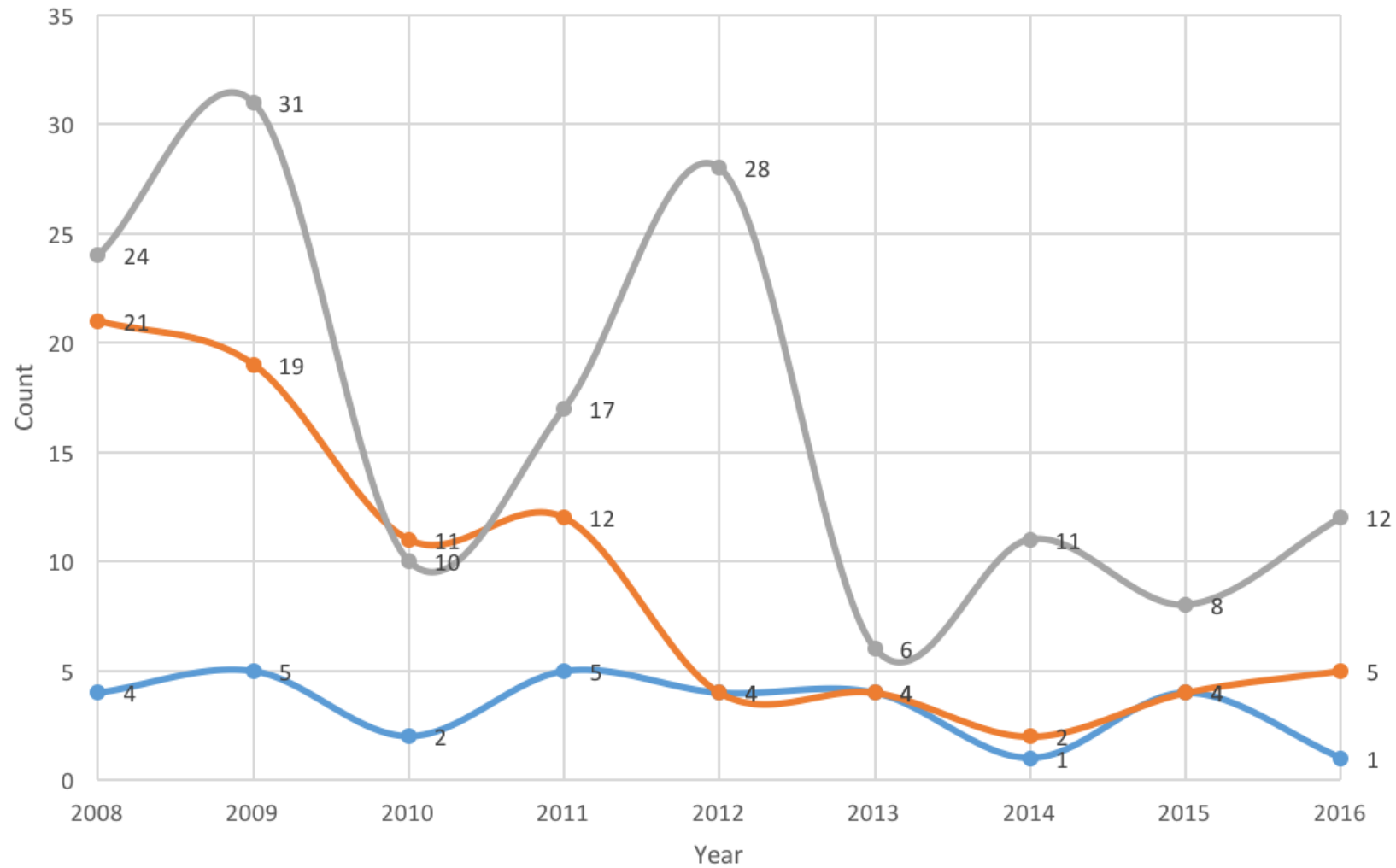
Bullfrog Call Observations 2008-2016



- Calls of individuals can be distinguished, but there is some overlapping
- Individuals can be counted; space between calls

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|--|---------------|------|------|------|------|------|------|------|-------------|
| Species | Bullfrog | | | | | | | | |
| | | | | | | | | | |
| Count of Year | Column Labels | | | | | | | | |
| Row Labels | | 2008 | 2009 | 2010 | 2011 | 2012 | 2014 | 2016 | Grand Total |
| Calls of individuals can be distinguished, but there is some overlapping | | | 1 | 1 | | | | 1 | 3 |
| Individuals can be counted; space between calls | | 3 | 8 | 1 | 1 | 1 | 2 | 3 | 19 |
| Grand Total | | 3 | 9 | 2 | 1 | 1 | 2 | 4 | 22 |

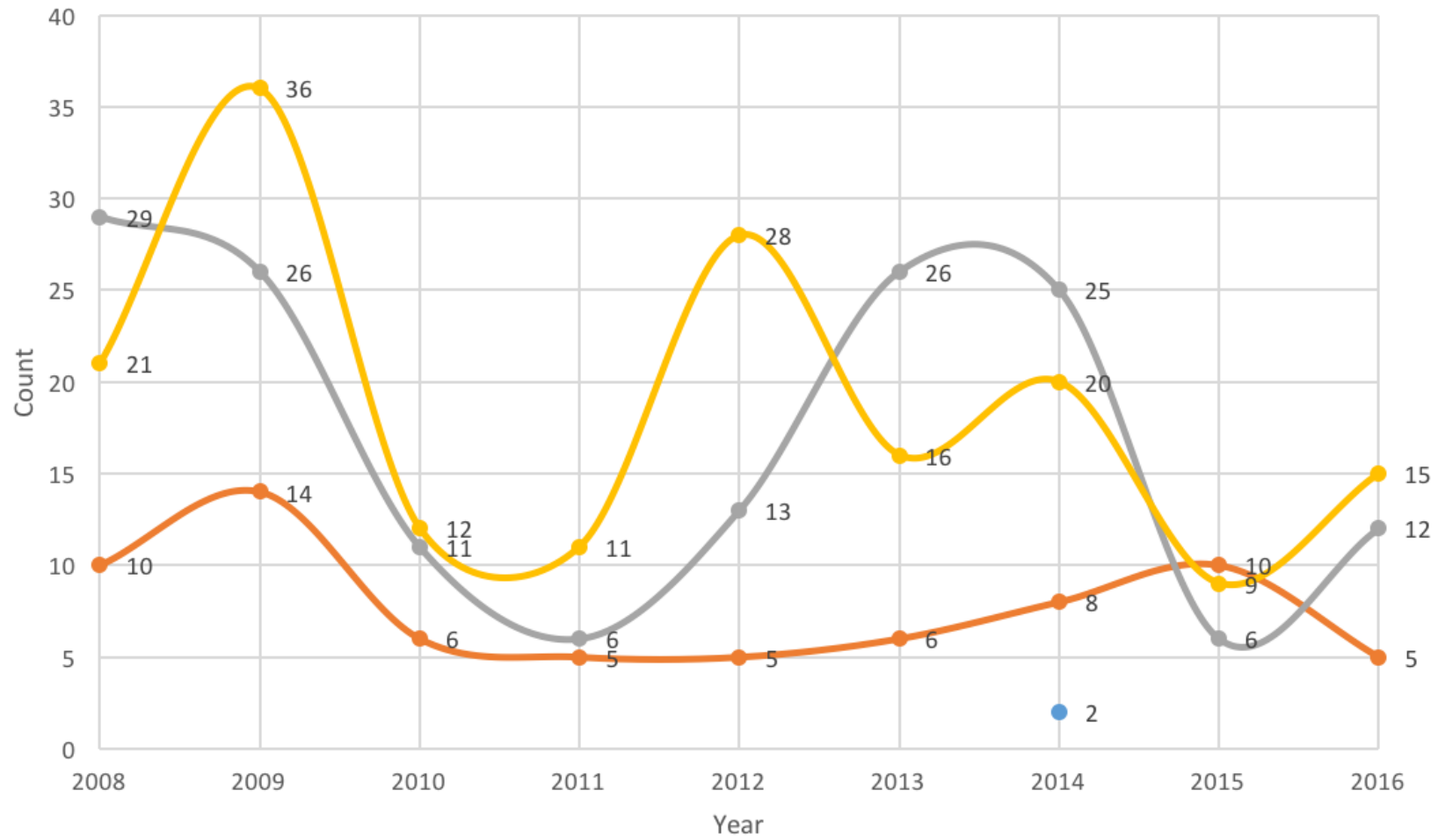
Chorus Frog Call Observations 2008-2016



- Full chorus; calls consistent, continuous, and overlapping
- Calls of individuals can be distinguished, but there is some overlapping
- Individuals can be counted; space between calls

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|--|---------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------|
| Species | Chorus frog | | | | | | | | | | |
| | | | | | | | | | | | |
| Count of Year | Column Labels | | | | | | | | | | |
| Row Labels | | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | Grand Total |
| Full chorus; calls consistent, continuous, and overlapping | | 4 | 5 | 2 | 5 | 4 | 4 | 1 | 4 | 1 | 30 |
| Calls of individuals can be distinguished, but there is some overlapping | | 21 | 19 | 11 | 12 | 4 | 4 | 2 | 4 | 5 | 82 |
| Individuals can be counted; space between calls | | 24 | 31 | 10 | 17 | 28 | 6 | 11 | 8 | 12 | 147 |
| Grand Total | | 49 | 55 | 23 | 34 | 36 | 14 | 14 | 16 | 18 | 259 |

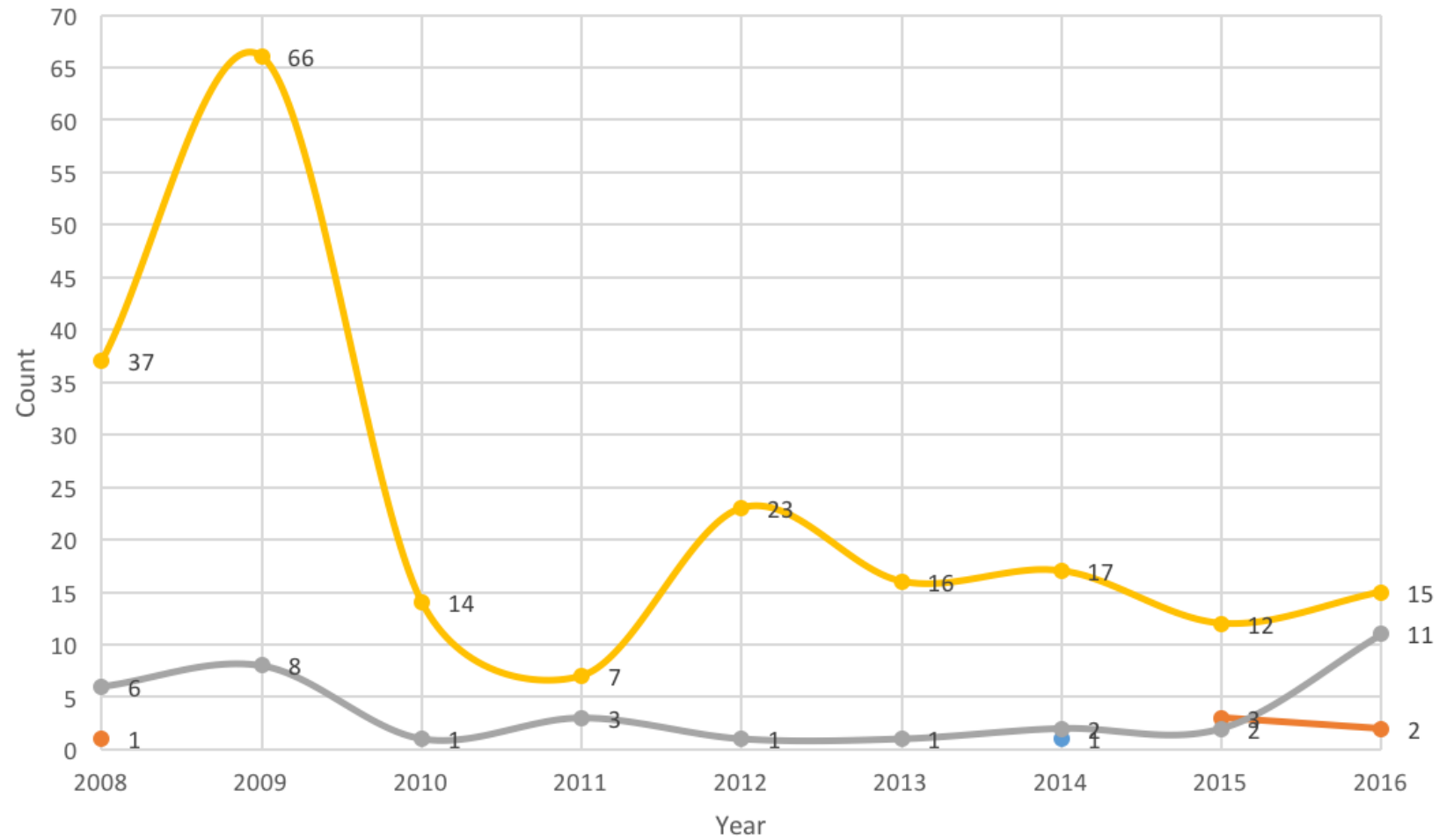
Gray Treefrog Call Observations 2008-2016



- Species not calling
- Full chorus; calls consistent, continuous, and overlapping
- Calls of individuals can be distinguished, but there is some overlapping
- Individuals can be counted; space between calls

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|--|---------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------|
| Species | Gray treefrog | | | | | | | | | | |
| | | | | | | | | | | | |
| Count of Year | Column Labels | | | | | | | | | | |
| Row Labels | | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | Grand Total |
| Species not calling | | | | | | | | 2 | | | 2 |
| Full chorus; calls consistent, continuous, and overlapping | | 10 | 14 | 6 | 5 | 5 | 6 | 8 | 10 | 5 | 69 |
| Calls of individuals can be distinguished, but there is some overlapping | | 29 | 26 | 11 | 6 | 13 | 26 | 25 | 6 | 12 | 154 |
| Individuals can be counted; space between calls | | 21 | 36 | 12 | 11 | 28 | 16 | 20 | 9 | 15 | 168 |
| Grand Total | | 60 | 76 | 29 | 22 | 46 | 48 | 55 | 25 | 32 | 393 |

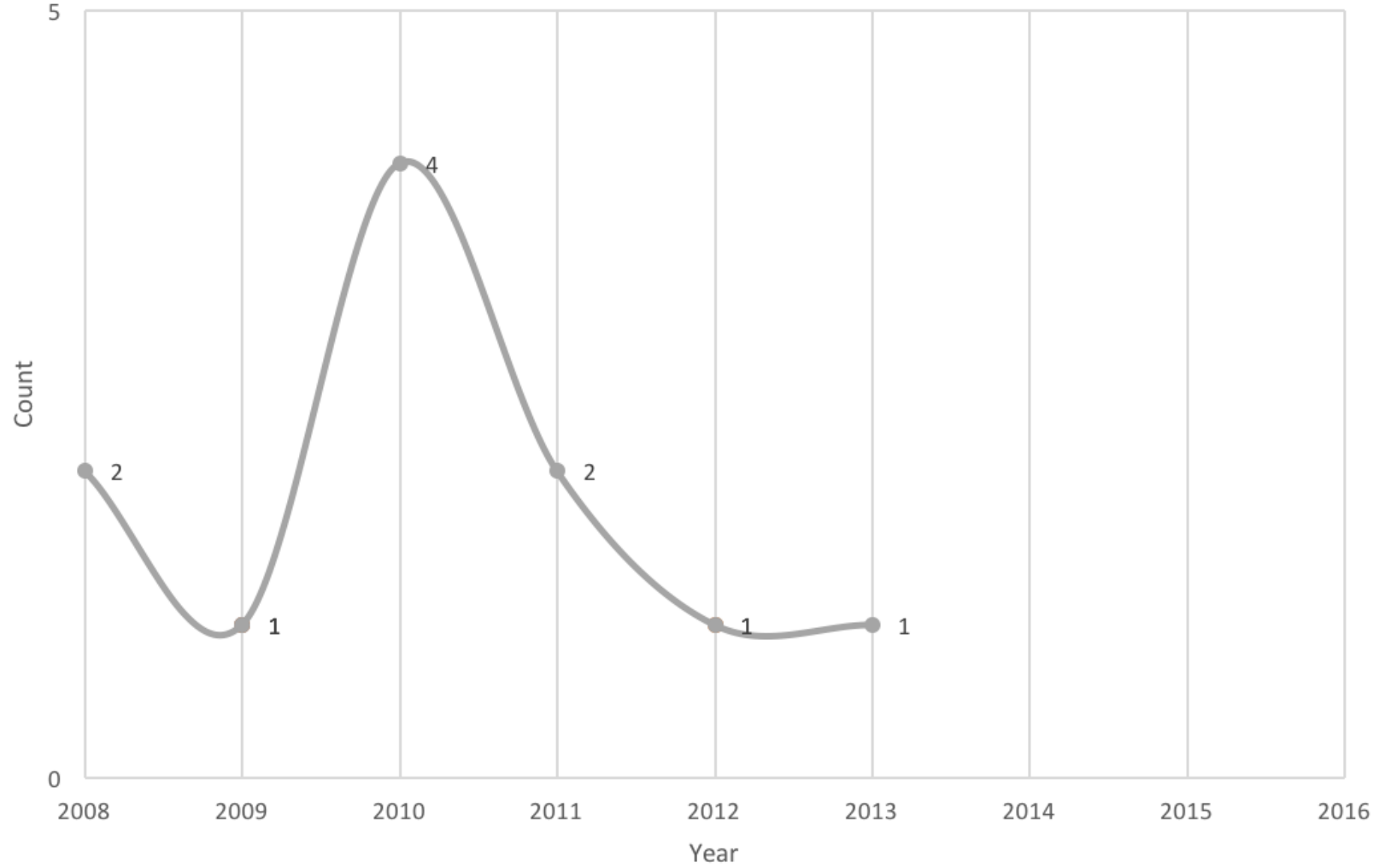
Green Frog Call Observations 2008-2016



- Species not calling
- Full chorus; calls consistent, continuous, and overlapping
- Calls of individuals can be distinguished, but there is some overlapping
- Individuals can be counted; space between calls

| | | | | | | | | | | | | |
|--|---------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------|--|
| Species | Green frog | | | | | | | | | | | |
| Count of Year | Column Labels | | | | | | | | | | | |
| Row Labels | | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | Grand Total | |
| Species not calling | | | | | | | | 1 | | | 1 | |
| Full chorus; calls consistent, continuous, and overlapping | | 1 | | | | | | | 3 | 2 | 6 | |
| Calls of individuals can be distinguished, but there is some overlapping | | 6 | 8 | 1 | 3 | 1 | 1 | 2 | 2 | 11 | 35 | |
| Individuals can be counted; space between calls | | 37 | 66 | 14 | 7 | 23 | 16 | 17 | 12 | 15 | 207 | |
| Grand Total | | 44 | 74 | 15 | 10 | 24 | 17 | 20 | 17 | 28 | 249 | |

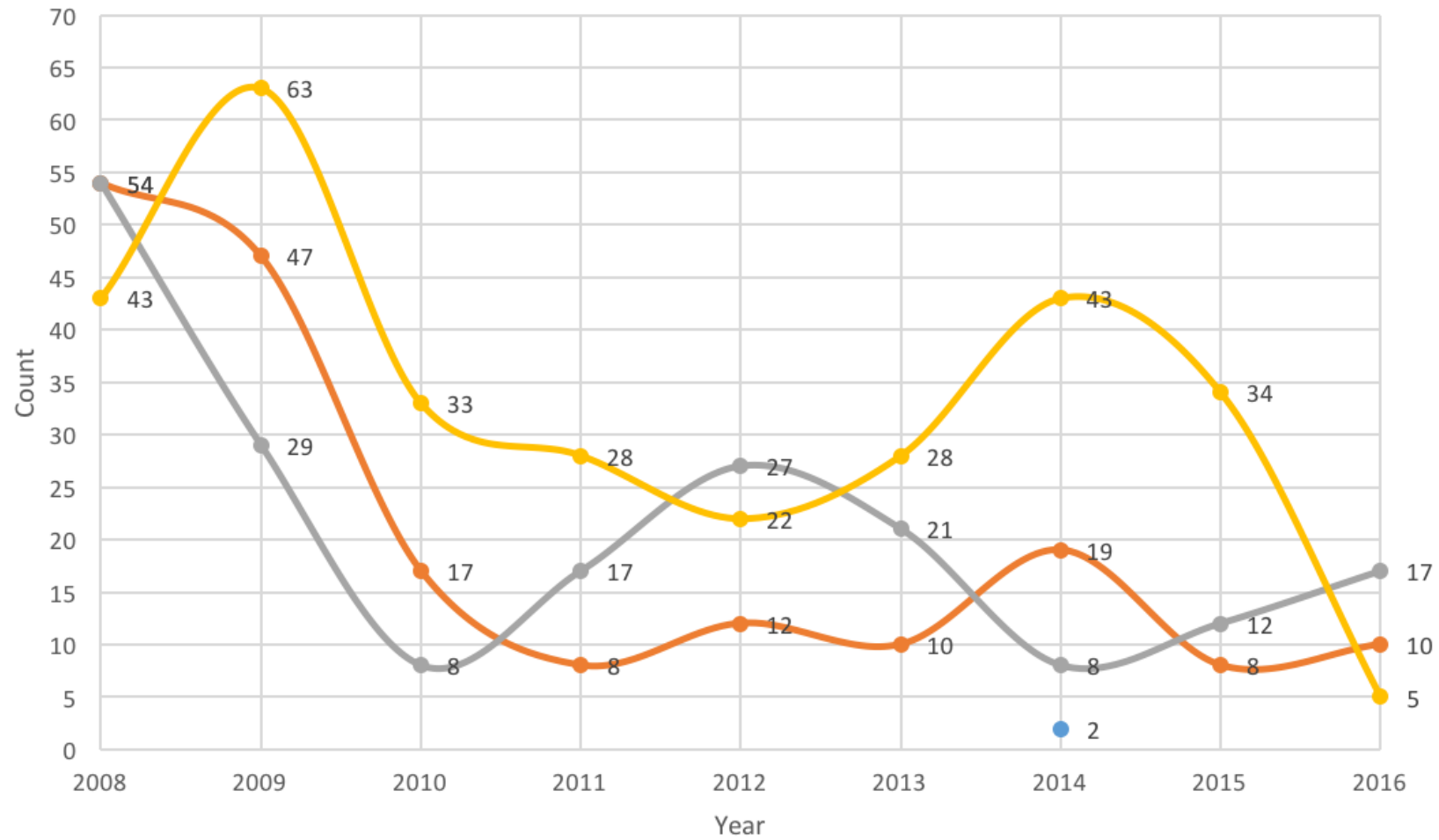
Leopard Frog Call Observations 2008-2016



- Full chorus; calls consistent, continuous, and overlapping
- Calls of individuals can be distinguished, but there is some overlapping
- Individuals can be counted; space between calls

| | | | | | | | | |
|--|---------------|----------|----------|----------|----------|----------|----------|-------------|
| Species | Leopard frog | | | | | | | |
| Count of Year | Column Labels | | | | | | | |
| Row Labels | | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | Grand Total |
| Full chorus; calls consistent, continuous, and overlapping | | | 1 | | | | | 1 |
| Calls of individuals can be distinguished, but there is some overlapping | | | 1 | | | 1 | | 2 |
| Individuals can be counted; space between calls | | 2 | 1 | 4 | 2 | 1 | 1 | 11 |
| Grand Total | | 2 | 3 | 4 | 2 | 2 | 1 | 14 |

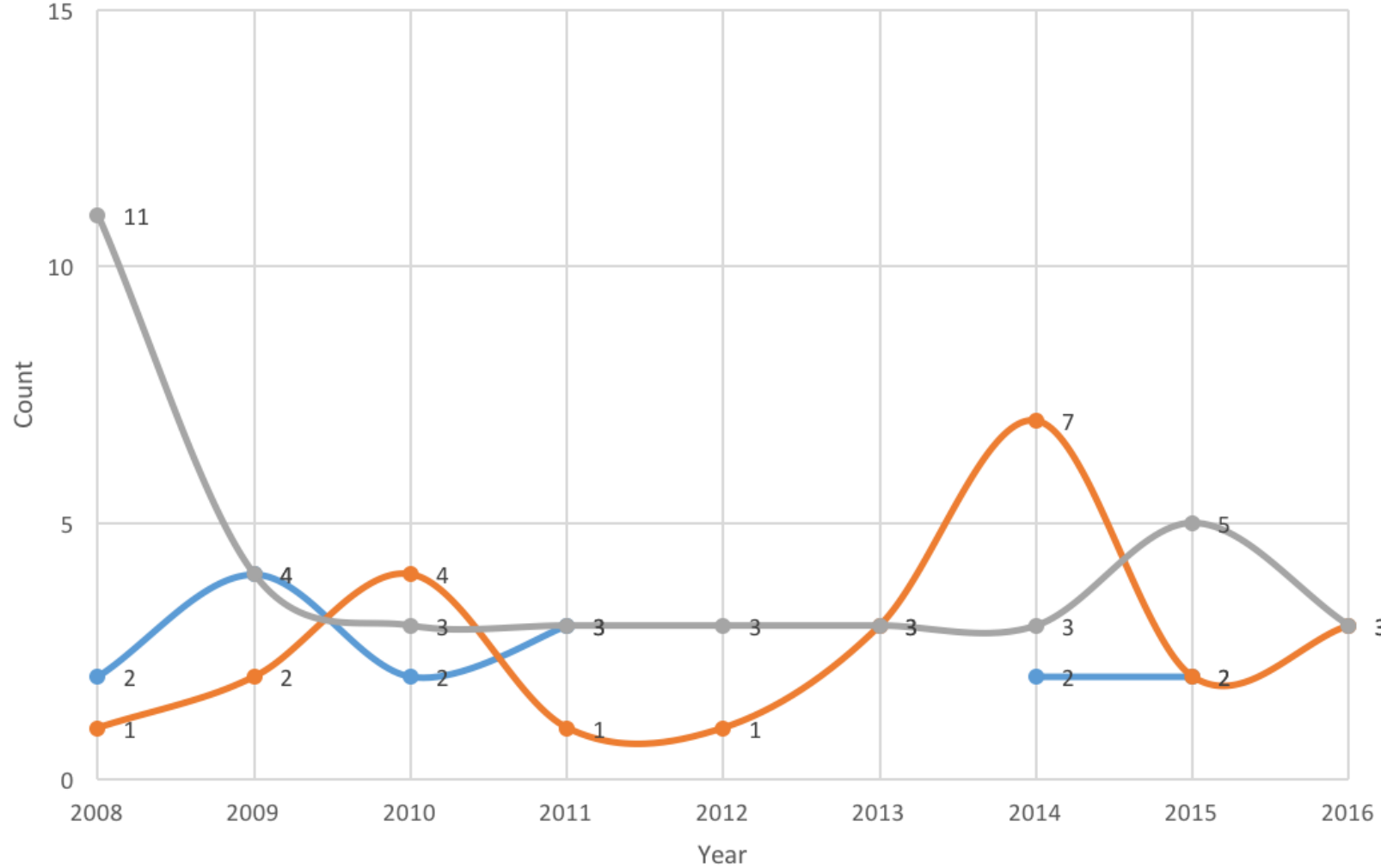
Spring Peeper Call Observations 2008-2016



- Species not calling
- Calls of individuals can be distinguished, but there is some overlapping
- Individuals can be counted; space between calls
- Full chorus; calls consistent, continuous, and overlapping

| | | | | | | | | | | | |
|--|-----------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------|
| Species | Spring peeper ▼ | | | | | | | | | | |
| Count of Year | Column Labels ▼ | | | | | | | | | | |
| Row Labels | ▼ ↑ | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | Grand Total |
| Species not calling | | | | | | | | 2 | | | 2 |
| Calls of individuals can be distinguished, but there is some overlapping | | 54 | 47 | 17 | 8 | 12 | 10 | 19 | 8 | 10 | 185 |
| Individuals can be counted; space between calls | | 54 | 29 | 8 | 17 | 27 | 21 | 8 | 12 | 17 | 193 |
| Full chorus; calls consistent, continuous, and overlapping | | 43 | 63 | 33 | 28 | 22 | 28 | 43 | 34 | 5 | 299 |
| Grand Total | | 151 | 139 | 58 | 53 | 61 | 59 | 72 | 54 | 32 | 679 |

Wood Frog Call Observations 2008-2016



- Calls of individuals can be distinguished, but there is some overlapping
- Full chorus; calls consistent, continuous, and overlapping
- Individuals can be counted; space between calls

| | | | | | | | | | | | | |
|--|---------------|-----------|-----------|----------|----------|----------|----------|-----------|----------|----------|-------------|--|
| Species | Wood frog | | | | | | | | | | | |
| Count of Year | Column Labels | | | | | | | | | | | |
| Row Labels | | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | Grand Total | |
| Calls of individuals can be distinguished, but there is some overlapping | | 2 | 4 | 2 | 3 | | | 2 | 2 | | 15 | |
| Full chorus; calls consistent, continuous, and overlapping | | 1 | 2 | 4 | 1 | 1 | 3 | 7 | 2 | 3 | 24 | |
| Individuals can be counted; space between calls | | 11 | 4 | 3 | 3 | 3 | 3 | 3 | 5 | 3 | 38 | |
| Grand Total | | 14 | 10 | 9 | 7 | 4 | 6 | 12 | 9 | 6 | 77 | |