**Supplementary material to: Capybara ride: evidence of whole aquatic plant dispersal**

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Table 1. Shows the estimation of the number of plants added to the container before the capybara experiment. Sample = 12 random samples using an 8.55 cm² sampler. n of plant = the number of plant taxa (*Wolffia*, *Lemna*, *Salvinia*, and *Azolla*) in each sampling. Estimates = show the estimated number of plants in the container area (1307,25 cm²) in each sampling. At the end of the table, we have the total average of each plant species estimated for the container along with standard deviation, mean standard error, and confidence interval

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **estimation of the number of plants in the container** | | | | | | | | |
|  | | | | | | | | |
|  | **n of plant** |  | **n of plant** |  | **n of plant** |  | **n of plant** |  |
| **Sample** | *Wolffia* | **estimates** | *Lemna* | **estimates** | *Salvinia* | **estimates** | *Azolla* | **estimates** |
| 1 | 1246 | 190506,84 | 209 | 31955,00 | 2 | 305,79 | 1 | 152,89 |
| 2 | 653 | 99840,26 | 154 | 23545,79 | 3 | 458,68 | 6 | 917,37 |
| 3 | 653 | 99840,26 | 213 | 32566,58 | 0 | 0,00 | 3 | 458,68 |
| 4 | 885 | 135311,84 | 117 | 17888,68 | 1 | 152,89 | 1 | 152,89 |
| 5 | 309 | 47244,47 | 200 | 30578,95 | 2 | 305,79 | 3 | 458,68 |
| 6 | 650 | 99381,58 | 97 | 14830,79 | 0 | 0,00 | 2 | 305,79 |
| 7 | 624 | 95406,32 | 107 | 16359,74 | 2 | 305,79 | 3 | 458,68 |
| 8 | 486 | 74306,84 | 219 | 33483,95 | 1 | 152,89 | 2 | 305,79 |
| 9 | 388 | 59323,16 | 117 | 17888,68 | 3 | 458,68 | 1 | 152,89 |
| 10 | 469 | 71707,63 | 193 | 29508,68 | 16 | 2446,32 | 4 | 611,58 |
| 11 | 858 | 131183,68 | 188 | 28744,21 | 7 | 1070,26 | 3 | 458,68 |
| 12 | 440 | 67273,68 | 145 | 22169,74 | 2 | 305,79 | 2 | 305,79 |
| **mean** |  | **97610,55** |  | **24960,07** |  | **496,91** |  | **394,98** |
| **standard deviation** | | 39695,68 |  | 6956,94 |  | 674,77 |  | 220,68 |
| **mean standard error** | | 11459,16 |  | 2008,30 |  | 194,79 |  | 63,71 |
| **confidence interval** | | 22459,53 |  | 3936,19 |  | 381,78 |  | 124,86 |

Table 2. Shows the estimation of the number of plants carried out to the pool by the capybara after 24h of the experiment. Sample = 12 random samples using a 79.75 cm² sampler. n of plant = the number of plant taxa (*Wolffia, Lemna, Salvinia*, and *Azolla*) in each sampling. Estimates = show the estimated number of plants in the pool area (30195,25 cm²) in each sampling. At the end of the table, we have the total average of each plant species estimated for the pool along with standard deviation, mean standard error, and confidence interval

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **estimation of the number of plants in the pool after 24h** | | | | | | | | |
|  | **n of plant** |  | **n of plant** |  | **n of plant** |  | **n of plant** |  |
| **Sample** | *Wolffia* | **estimates** | *Lemna* | **estimates** | *Salvinia* | **estimates** | *Azolla* | **estimates** |
| 1 | 21 | 7951,1003 | 7 | 2650,3668 | - | - | - | - |
| 2 | 26 | 9844,2194 | 3 | 1135,8715 | - | - | - | - |
| 3 | 14 | 5300,7335 | 9 | 3407,6144 | - | - | - | - |
| 4 | 17 | 6436,605 | 8 | 3028,9906 | - | - | - | - |
| 5 | 39 | 14766,329 | 21 | 7951,1003 | - | - | - | - |
| 6 | 25 | 9465,5956 | 12 | 4543,4859 | - | - | - | - |
| 7 | 24 | 9086,9718 | 12 | 4543,4859 | - | - | - | - |
| 8 | 51 | 19309,815 | 8 | 3028,9906 | - | - | - | - |
| 9 | 67 | 25367,796 | 5 | 1893,1191 | - | - | - | - |
| 10 | 109 | 41269,997 | 28 | 10601,467 | - | - | - | - |
| 11 | 0 | 0 | 25 | 9465,5956 | - | - | - | - |
| 12 | 0 | 0 | 21 | 7951,1003 | - | - | - | - |
| **mean** |  | **12399,93** |  | **5016,7657** | - | - | - | - |
| **standard deviation** | | 11655,583 |  | 3155,9442 | - | - | - | - |
| **mean standard error** | | 3364,677 |  | 911,04262 | - | - | - | - |
| **confidence interval** | | 6594,6458 |  | 1785,6107 | - | - | - | - |