**S2 Table. The wingbeat frequency of calling behavior of male *Macrohomotoma gladiata* Kuwayama**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Calls | Duration of first chirp | Number of wingbeat in 10x slow motion video | The wingbeat frequency of first chirp | Duration of second chirp | Number of wingbeat in 10 x slow motion video | The wingbeat frequency of second chirp |
| 1 | 1.98  | 24 | 121.21  | 1.03  | 15 | 145.63  |
| 2 | 1.93  | 24 | 124.35  | 1.11  | 16 | 144.14  |
| 3 | 2.04  | 25 | 122.55  | 1.05  | 15 | 142.86  |
| 4 | 2.12  | 24 | 113.21  | 1.04  | 15 | 144.23  |
| 5 | 2.22  | 26 | 117.12  | 1.12  | 15 | 133.93  |
| 6 | 2.49  | 33 | 132.53  | 1.14  | 16 | 140.35  |
| 7 | 2.45  | 28 | 114.29  | 1.16  | 16 | 137.93  |
| 8 | 2.32  | 27 | 116.38  | 1.19  | 16 | 134.45  |
| 9 | 2.17  | 27 | 124.42  | 1.08  | 15 | 138.89  |
| 10 | 2.37  | 26 | 109.70  | 1.11  | 16 | 144.14  |
| 11 | 2.32  | 27 | 116.38  | 1.15  | 16 | 139.13  |
| 12 | 2.28  | 27 | 118.42  | 1.27  | 16 | 125.98  |
| 13 | 2.43  | 28 | 115.23  | 1.19  | 16 | 134.45  |
| 14 | 2.31  | 28 | 121.21  | 1.07  | 15 | 140.19  |
| 15 | 2.48  | 31 | 125.00  | 1.08  | 15 | 138.89  |
| 16 | 2.27  | 28 | 123.35  | 1.09  | 16 | 146.79  |
| 17 | 2.57  | 29 | 112.84  | 1.08  | 15 | 138.89  |
| 18 | 2.59  | 28 | 108.11  | 1.19  | 17 | 142.86  |
| 19 | 2.38  | 28 | 117.65  | 1.13  | 16 | 141.59  |
| 20 | 2.36  | 29 | 122.88  | 1.13  | 16 | 141.59  |
| 21 | 2.53  | 29 | 114.62  | 1.16  | 16 | 137.93  |
| 22 | 2.34  | 29 | 123.93  | 1.20  | 16 | 133.33  |
| 23 | 2.39  | 29 | 121.34  | 1.13  | 16 | 141.59  |
| 24 | 2.65  | 31 | 116.98  | 1.08  | 15 | 138.89  |
| 25 | 2.55  | 30 | 117.65  | 1.11  | 16 | 144.14  |
| 26 | 2.48  | 30 | 120.97  | 1.12  | 16 | 142.86  |
| 27 | 2.64  | 30 | 113.64  | 1.11  | 16 | 144.14  |
| 28 | 2.58  | 29 | 112.40  | 1.14  | 16 | 140.35  |
| 29 | 2.41  | 28 | 116.18  | 1.13  | 16 | 141.59  |
| 30 | 1.97  | 26 | 131.98  | 1.17  | 16 | 136.75  |
| 31 | 2.70  | 30 | 111.11  | 1.21  | 17 | 140.50  |
| 32 | 2.65  | 30 | 113.21  | 1.13  | 16 | 141.59  |
| 33 | 2.51  | 30 | 119.52  | 1.19  | 17 | 142.86  |
| 34 | 2.49  | 28 | 112.45  | 1.18  | 16 | 135.59  |