**Supplementary Table S1. Survey effort at Estação Ecológica de Murici, including estimates of person-hours spent on population monitoring and in searching for nests of understorey birds, from 2016–17 to 2022–23.**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Expedition** | **Breeding Season** | **Start Date** | **End Date** | **Days in field** | **Participants** | **Population monitoring (person-hours)** | **Nest searches (person-hours)** |
| 0 |  | May 2016 | March 2017 | 42 |  | 312 | 624 |
| 1 | 2018-2019 | 21/09/2018 | 27/09/2018 | 7 | 5 | 60 | 50 |
| 2 | 2018-2019 | 23/10/2018 | 03/11/2018 | 12 | 4 | 60 | 64 |
| 3 | 2018-2019 | 14/11/2018 | 21/11/2018 | 8 | 3 | 36 | 36 |
| 4 | 2018-2019 | 26/11/2018 | 02/12/2018 | 7 | 3 | 30 | 30 |
| 5 | 2018-2019 | 08/12/2018 | 15/12/2018 | 8 | 3 | 36 | 36 |
| 6 | 2018-2019 | 21/12/2018 | 24/12/2018 | 4 | 4 | 12 | 16 |
| 7 | 2018-2019 | 22/01/2019 | 29/01/2019 | 8 | 3 | 36 | 36 |
| 8 | 2018-2019 | 13/02/2019 | 13/02/2019 | 1 | 2 | 0 | 6 |
| 9 | 2018-2019 | 16/02/2019 | 26/02/2019 | 11 | 4 | 54 | 72 |
| 10 | 2018-2019 | 15/03/2019 | 23/03/2019 | 9 | 5 | 42 | 70 |
| 11 | 2018-2019 | 15/04/2019 | 18/04/2019 | 4 | 3 | 12 | 18 |
| 12 | 2018-2019 | 04/05/2019 | 05/05/2019 | 2 | 4 | 0 | 6 |
| 13 | 2019-2020 | 20/10/2019 | 20/10/2019 | 1 | 2 | 0 | 6 |
| 14 | 2019-2020 | 22/10/2019 | 09/11/2019 | 19 | 7 | 108 | 465 |
| 15 | 2019-2020 | 27/11/2019 | 13/12/2019 | 17 | 5 | 102 | 135 |
| 17 | 2019-2020 | 03/01/2020 | 13/01/2020 | 11 | 5 | 54 | 135 |
| 19 | 2019-2020 | 17/02/2020 | 02/03/2020 | 15 | 5 | 72 | 156 |
| 32 | 2020-2021 | 08/10/2020 | 08/10/2020 | 1 | 2 | 0 | 6 |
| 33 | 2020-2021 | 20/10/2020 | 12/11/2020 | 24 | 4 | 108 | 300 |
| 35 | 2020-2021 | 30/11/2020 | 30/11/2020 | 1 | 2 | 0 | 6 |
| 41 | 2020-2021 | 14/12/2020 | 24/12/2020 | 11 | 4 | 54 | 192 |
| 42 | 2020-2021 | 04/01/2021 | 04/01/2021 | 1 | 2 | 0 | 6 |
| 47 | 2020-2021 | 15/01/2021 | 25/01/2021 | 11 | 4 | 54 | 216 |
| 48 | 2020-2021 | 25/02/2021 | 06/03/2021 | 10 | 4 | 48 | 192 |
| 49 | 2020-2021 | 16/03/2021 | 25/03/2021 | 10 | 4 | 48 | 192 |
| 50 | 2020-2021 | 06/04/2021 | 06/04/2021 | 1 | 2 | 0 | 6 |
| 51 | 2020-2021 | 15/04/2021 | 24/04/2021 | 10 | 4 | 0 | 192 |
| 52 | 2021-2022 | 20/05/2021 | 29/05/2021 | 10 | 3 | 0 | 144 |
| 53 | 2021-2022 | 19/06/2021 | 29/06/2021 | 11 | 4 | 0 | 216 |
| 54 | 2021-2022 | 09/07/2021 | 09/07/2021 | 1 | 2 | 0 | 6 |
| 55 | 2021-2022 | 19/07/2021 | 28/07/2021 | 10 | 4 | 0 | 192 |
| 56 | 2021-2022 | 16/08/2021 | 25/08/2021 | 10 | 4 | 0 | 192 |
| 57 | 2021-2022 | 21/09/2021 | 30/09/2021 | 10 | 3 | 42 | 144 |
| 58 | 2021-2022 | 04/10/2021 | 17/10/2021 | 14 | 4 | 48 | 240 |
| 59 | 2021-2022 | 27/10/2021 | 17/11/2021 | 22 | 5 | 30 | 570 |
| 60 | 2021-2022 | 11/12/2021 | 21/12/2021 | 11 | 4 | 24 | 216 |
| 61 | 2021-2022 | 16/01/2022 | 07/02/2022 | 23 | 6 | 60 | 432 |
| 62 | 2021-2022 | 12/02/2022 | 12/02/2022 | 1 | 2 | 0 | 6 |
| 63 | 2021-2022 | 17/02/2022 | 17/02/2022 | 1 | 2 | 0 | 6 |
| 64 | 2021-2022 | 22/02/2022 | 22/02/2022 | 1 | 2 | 0 | 6 |
| 65 | 2021-2022 | 15/03/2022 | 24/03/2022 | 10 | 5 | 0 | 192 |
| 66 | 2021-2022 | 06/04/2022 | 06/04/2022 | 1 | 2 | 0 | 6 |
| 67 | 2021-2022 | 12/04/2022 | 21/04/2022 | 10 | 4 | 0 | 6 |
| 68 | 2021-2022 | 07/05/2022 | 07/05/2022 | 1 | 2 | 0 | 6 |
| 69 | 2022-2023 | 15/09/2022 | 30/09/2022 | 16 | 4 | 60 | 288 |
| 70 | 2022-2023 | 07/10/2022 | 07/10/2022 | 1 | 2 | 0 | 6 |
| 71 | 2022-2023 | 20/10/2022 | 14/12/2022 | 56 | 9 | 60 | 1200 |
| 72 | 2022-2023 | 11/01/2023 | 25/01/2023 | 15 | 4 | 48 | 260 |
| 73 | 2022-2023 | 03/02/2023 | 03/02/2023 | 1 | 2 | 0 | 6 |
| 74 | 2022-2023 | 07/02/2023 | 07/02/2023 | 1 | 2 | 0 | 6 |
| 75 | 2022-2023 | 09/02/2023 | 24/02/2023 | 16 | 3 | 48 | 156 |
| 76 | 2022-2023 | 23/03/2023 | 28/03/2023 | 6 | 5 | 0 | 80 |
| 77 | 2022-2023 | 21/04/2023 | 21/04/2023 | 1 | 2 | 0 | 6 |
| 78 | 2022-2023 | 15/07/2023 | 15/07/2023 | 1 | 3 | 0 | 18 |
| **Total** | **All seasons** |  |  | **525** |  | **1758** | **7875** |

**Supplementary Table S2. Apparent individuals of Alagoas Antwren *Myrmotherula snowi* recorded during systematic surveys at Murici in three breeding seasons, from 2018**–**19 to 2020–21.**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Survey plot | 2018–2019 | | | | 2019–2020 | | | 2020–2021 | | | All | | | |
| Male | Female | Juvenile | Unknown | Male | Female | Juvenile | Male | Female | Juvenile | Male | Female | Juvenile | Unknown |
| B9-10 | 1 | 1 | 1 |  | 1 | 1 |  | 1 |  |  | 1 | 1 | 1 | 0 |
| B19-20 | 1 | 1 |  |  | 1 | 1 |  |  |  |  | 2 | 1 | 0 | 0 |
| B25-26 | 1 | 1 |  |  | 1 |  |  | 1 |  | 1 | 1 | 1 | 1 | 0 |
| B27-28 | 1 | 1 |  |  |  |  |  |  |  |  | 1 | 1 | 0 | 0 |
| B29-30 | 1 |  |  |  |  |  |  |  |  |  | 1 | 0 | 0 | 0 |
| B37-38 |  |  |  | 1 |  |  |  |  |  |  | 0 | 0 | 0 | 1 |
| B41-42 |  |  |  |  | 1 | 1 |  | 1 |  | 1 | 1 | 1 | 1 | 0 |
| B45-46 |  |  |  |  | 1 |  |  | 1 |  |  | 1 | 0 | 0 | 0 |
| B59-60 | 1 |  |  |  | 1 | 1 |  |  |  |  | 1 | 1 | 0 | 0 |
| **Total** | **6** | **4** | **1** | **1** | **6** | **4** | **0** | **4** | **0** | **2** | **9** | **6** | **3** | **1** |