**J. Rabøl: Do migrant European chats and warblers use magnetic gradient navigation? – Dansk Orn. Foren. Tidsskr. 108 (2014): 232-250**

**Appendix 1.1.** Experiments on Endelave autumn 2005. All birds were **adults** except for four juvenile Pied Flycatchers (GR, G, 15R and 15). The numbers denoted are the unimodal mean directions of the single birds, or the two peaks in a bimodal distribution. The minor peak is in brackets. If no brackets, the two peaks are about the same size. a, b, and c mean high, medium, and low individual concentrations, and VS, S, M, L, and VL mean very low, low, medium, large and very large activity, respectively. N in front of the mean direction means tested on the N condition, S on the S condition, and nothing in front of the mean direction tested in the local magnetic field.

*Forsøg på Endelave i efteråret 2005. De latinske navne i tabellen er Havesanger* Sylvia borin*, Grå Fluesnapper* Muscicapa striata*, Broget Fluesnapper* Ficedula hypoleuca *og Rødstjert* Phoenicurus phoenicurus*. Alle fugle er adulte, bortset fra fire unge Brogede Fluesnappere (GR, G, 15R og 15). De angivne tal er fuglenes middelretninger, eller de to toppe i et to toppet mønster. Den mindste top er i parentes. Hvis der ikke er parenteser er aktiviteterne i de to toppe ca. lige store. a, b og c betyder stor, middel og lav koncentration omkring middelretningen, og VS, S, M, L og VL er meget lille, lille, medium, stor og meget stor aktivitet. Et N foran tallet betyder testet under den magnetiske N betingelse. Et S betyder betyder under S betingelsen, og ingenting (hverken N eller S) betyder testet i det lokale magnetfelt.*



**Appendix 1.2.** Experiments on Endelave autumn 2004. All birds were **juveniles**. For further information see Appendix 1.1.

*Forsøg på Endelave i efteråret 2004. Alle fuglene er ungfugle. Se i øvrigt Appendiks 1.1*.



**Appendix 1.3.** Experiments on Endelave autumn 2004. All birds were **juveniles**. For further information see Appendix 1.1.

*Forsøg på Endelave i efteråret 2004. Alle fuglene er ungfugle. Se i øvrigt Appendiks 1.1*.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Individuals/Date | 8 Oct. | 9 Oct. | 10 Oct. | 11 Oct. |
| Erithacus rubecula 12B | 60a M/L |  | 350c S | zero |
| Erithacus rubecula 12R | 185a S/M |  | 210c S | 120b VS |
| Erithacus rubecula 13B | zero | 120b S/M | 150c L |  |
| Erithacus rubecula 13R | 175a L |  | 170a L |  |
| Erithacus rubecula 16B | 165b/(270)b S/M |  | 125a M |  |
| Erithacus rubecula 16R | 210b M |  | 165b VL |  |
| Erithacus rubecula 7B | 200a VL |  | 240a VL |  |
| Erithacus rubecula 7R | zero | zero | zero |  |
| Erithacus rubecula 17B |  | 50b VS |  | dis VS/S |
| Erithacus rubecula 17R |  | 245b M/L |  | dis VS/S |
| Erithacus rubecula 1B |  | 170a L/VL |  | 255a L/VL |
| Erithacus rubecula 1 |  | 205a S/M |  | 190b S/M |
| Erithacus rubecula 10 |  | 150a L/VL |  | 235a VL |
| Erithacus rubecula 19B | N180b/(45)c M/L |  | N210a L |  |
| Erithacus rubecula 19R |  | Nzero | N105a | N215a M |
| Erithacus rubecula GB | N220a L |  | L/VL |  |
| Erithacus rubecula GR |  | N45a S/M |  | N110a S |
| Erithacus rubecula 14B | N220a S/M |  | N230c S | N120a VS |
| Erithacus rubecula 14R |  | N45c/(165)c L/VL |  |
| Erithacus rubecula 18B | N300b S/M |  | N170b S | N130c |
| Erithacus rubecula 18R |  | N220a L |  | S/M |
| Erithacus rubecula 1B | S220a L |  | S195a L/VL |  |
| Erithacus rubecula 1R |  | S140b VS/S |  | Sdis S/M |
| Erithacus rubecula 20B | S75b M/L |  | S245a M/L |  |
| Erithacus rubecula 20R |  | S165b M/L |  | Sdis M |
| Erithacus rubecula 15B | S185a L/VL |  |  |  |
| Erithacus rubecula 15R |  | S225b M/L | S150a L | S210a M |
| Erithacus rubecula 11B | S195a M |  | Sdis S |  |
| Erithacus rubecula 11R |   | S210b L |   | S245a VL |