

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.*

Individuals/Date	30 Aug.	31 Aug.	3 Sep.	4 Sep.	6 Sep.	8 Sep.	10 Sep.	12 Sep.
Sylvia borin 12R		30c M/L		120c M/L	75a L	120b L	N195c ML	N165b L
Sylvia borin 12		150c S		170a S/M	dis VS	180c/25b S		
Muscicapa striata 11R	N75b M/L		N75a M/L		S90c M		155b M/L	dis M/L
Muscicapa striata 11		N35c VL		N180b L	S170a L		210a M	220a M/L
Ficedula hypoleuca 19R	N175b M/L		N120c S/M			S120c M/L	160c S/M	220a M
Ficedula hypoleuca 19		N165a L		N160a L		S180a L	230a M/L	225a L/VL
Ficedula hypoleuca 10R		215c M/L		S210a M/L	N255b/(30)b M			
Ficedula hypoleuca 10		S180b/(350)c M/L	S45a M		N150a M/S		110a M/S	120a VL
Phoenicurus phoenicurus 16F	S120a M		S45b S/M			N90b M/L	180a M	175a M/L
Phoenicurus phoenicurus 16M		S125b S/M		S350b VS/S		N110c M		
Muscicapa striata 3R	S75c M/L				N75c S/M		dis VS	280b S/M
Muscicapa striata 3		S300b L		S10b/190b M/L	N200a M/L		210a M/L	165b M/L
Ficedula hypoleuca 2R	S235a L		S225a M/L			N220a M/L	275a M/L	270a L
Ficedula hypoleuca 2		S300a L		S175b M/L		N120b L	245a M/L	190a VL
Phoenicurus phoenicurus 8F	N330a S		N240a VS		S195a VS/S			
Phoenicurus phoenicurus 8M		N295b VS/S		N145b VS/S	S250b VS/S			
Ficedula hypoleuca 13R	N80a/(195)a S/M			230c/40c S/M		S80b M/L	190c M	205a M/L
Ficedula hypoleuca 13		N230a L		180a M/L		S150c M/L	165a M/L	200a L
Ficedula hypoleuca 20	S135a L							
Ficedula hypoleuca GRJ	180b L/VL		120c L		270b L/VL	dis M/L		
Ficedula hypoleuca GJ	200a L/VL		190a L/VL		170a L/VL	140a L/VL	S180a L	S120a L/VL
Ficedula hypoleuca 15 RJ	280a M/L		250a L		230a L/VL	230a L	N190a M/L	N170a VL
Ficedula hypoleuca 15J	10b/(255)b M/L		225c L		20c/180c M/L	190b L	S145a M/L	S150b L
Sylvia borin 5	230c S/M	100b M	160b VS/S	135b S/M	135b S/M	dis VS		
Phoenicurus phoenicurus 5M	150b/(330)b M	160b M/L	70b S/M	170a M/L	90c M	75c/(190)c M/L		
Muscicapa striata 17R	345b M/L	315c S/M	330c/170c S/M	dis VS/S	170b VS/S	225b VS	N30b VS	Ndis M
Muscicapa striata 17	210a M/L	225b M/L	170b S/M	140a S/M	170a L/VL	150a S/M	N185b VS/S	N230a M
Muscicapa striata 14	210c M	310b M/L	305a M/L	250b M	225b L	255b M/L	S235b M/L	S230a VL
Ficedula hypoleuca 14	100b S/M	165c S/M	220a M	185b M/L	150b M/L	120a M/L	S120b M	S120a M

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.

Individuals/Date	9 Sep.	10 Sep.	16 Sep.	19 Sep.	21 Sep.
Phoenicurus phoenicurus 17R	190c M		205a M/L		285b L
Phoenicurus phoenicurus 17	170b S/M		150b M		190a L
Phoenicurus phoenicurus 10R	120b M/L		225b VS		90a L
Phoenicurus phoenicurus 10	210a L		210a M/L		235a L/VL
Ficedula hypoleuca 18R	135a M/L		190a L		190a L
Ficedula hypoleuca 18	220b M		75c M		170c M
Phoenicurus phoenicurus 13R	240b M		75c S	255a L	205a L
Phoenicurus phoenicurus 13	dis S	165b VS	dis S	175b S/M	240c S/M
Phoenicurus phoenicurus 1B		120c M		225b M/L	
Phoenicurus phoenicurus 1		110b S		dis S	
Phoenicurus phoenicurus 11B		200b/(45)b M		160b S/M	
Phoenicurus phoenicurus 11		200b S		240b M/L	
Ficedula hypoleuca 12B		105b L		210a L/VL	
Ficedula hypoleuca 12		75b L		150a L/VL	
Ficedula hypoleuca 8R					175a L
Phoenicurus phoenicurus 2R	N10a M		S235b M/L		S100bM/L
Phoenicurus phoenicurus 2B		N310a M/L		S205b M/L	
Ficedula hypoleuca 3R	N170a S/M		S180b L		S195a VL
Ficedula hypoleuca 3B		N90b L		S205a L/VL	
Ficedula hypoleuca 4R	S190b S/M		N210b L		N225a VL
Ficedula hypoleuca 4B		S115a L		N310a VL	
Phoenicurus phoenicurus 5R	S270b M/L		N210b L		N240b VL
Phoenicurus phoenicurus 5B		S220b M/L		N200b/60b S/M	
Ficedula hypoleuca 8R	N70b/(240)c M		S205a VL		
Ficedula hypoleuca 8B		N220c/(45)c M		S190a M/L	
Phoenicurus phoenicurus 14R	N90b S		S210b S		S185a L
Phoenicurus phoenicurus 14B		N70b S/M		S105c S/M	
Ficedula hypoleuca 15R	S195a L		N345b/(165)b M/L		N175a VL
Ficedula hypoleuca 15B		S210c M/L		N45c/170c M/L	
Ficedula hypoleuca 16R	S190b S/M		N140c M/L		Ndis M/L
Ficedula hypoleuca 16B		S295a L		N155a M/L	

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