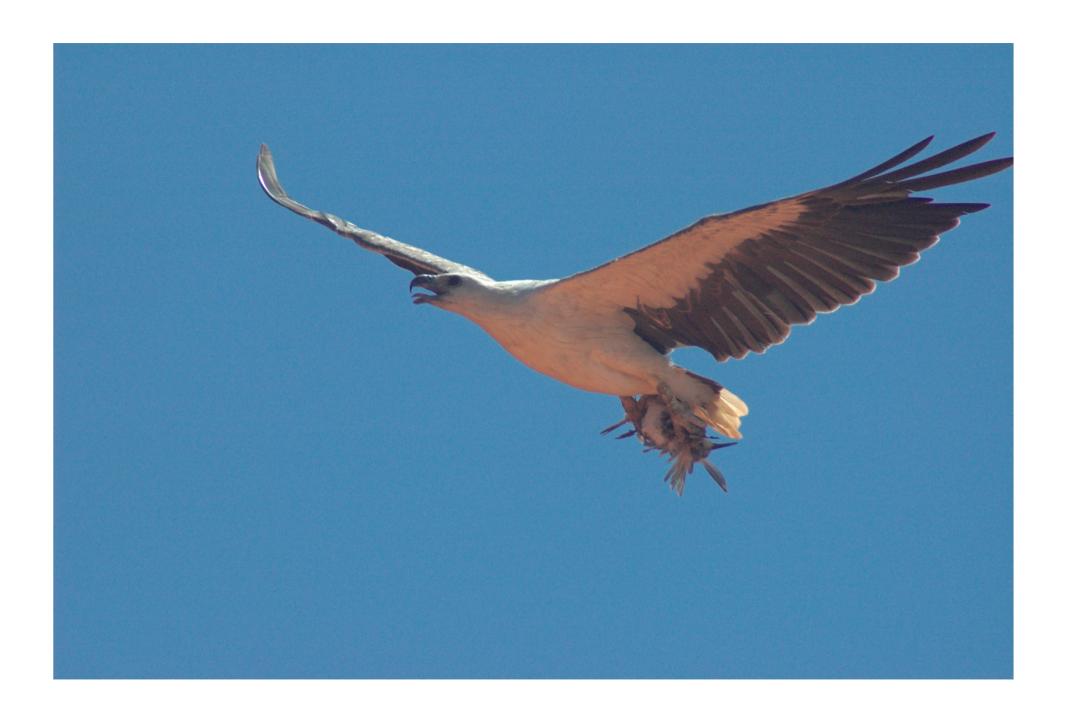




Raptor ringing: a European perspective

Rob Robinson
Vice-chair, Euring





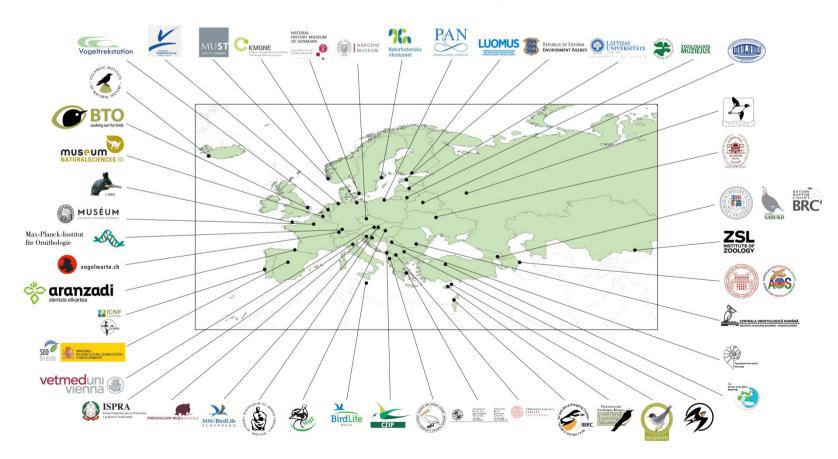








The European Union for Bird Ringing



Euring

Co-ordinating bird ringing throughout Europe





EURING SCHEMES

PRELIMINARY ANALYSIS OF SCHEME DETAILS

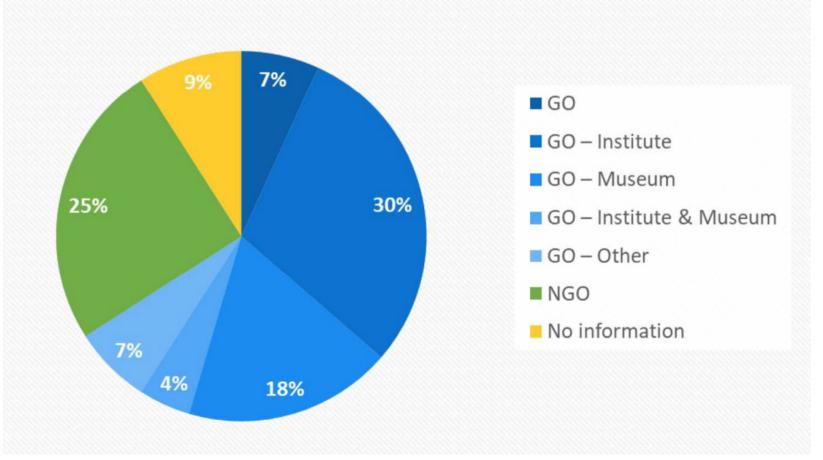


EURING General Assembly, September 9-13 2019, Zrenianin, Serbia

Ria Fajdetić¹, Davor Ćiković¹, Boris Nikolov²

1—Institute of Ornithology, Croatian Academy of Sciences and Arts; 2—Institute of Biodiversity and Ecosystem Research, Bulgarian Academy of Science

Ringing schemes based in Governmental organizations, Non-Governmental organizations or Other



Different types of ringer







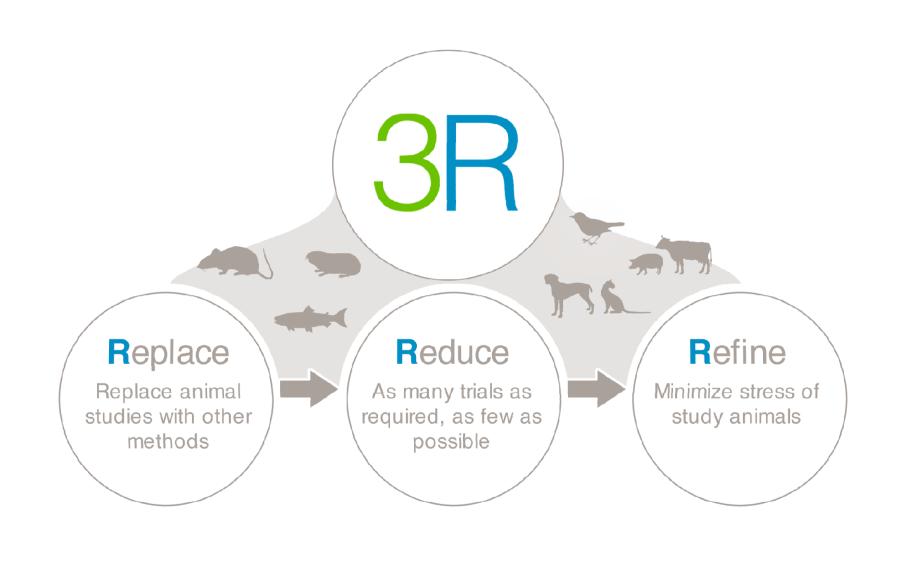
"Casual"

"Volunteer"

"Academic"







EURING SCHEMES

PRELIMINARY ANALYSIS OF SCHEME DETAILS



Ria Fajdetić¹, Davor Ćiković¹, Boris Nikolov²

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EURING General Assembly, September 9-13 2019, Zrenjanin, Serbia

Pulli

Full grown

Species	Finland	Sweden	UK/Ireland	N'lands	Spain	Romania	Total	Finland	Sweden	UK/Ireland	N'lands	Spain	Romania	Total
Falco tinnunculus	9058	3663	2482	2250		18	17471	322	47	141	350		32	892
Pandion haliaetus	1422	228	186				1836	4						4
Buteo buteo	420	138	454	1082		5	2099	5	26	76	225		7	339
Accipiter nisus	490	70	129	1003			1692	370	205	522	134		4	1235
Accipiter gentilis	858	151	388				1397	59	182					241
Falco peregrinus	239	216	422				877	2		13				15
Haliaeetus albicilla	237	351	69			5	662		3					3
Falco columbarius	31	17	426				474	4	12	7				23
Circus aeruginosus	211	94	121				426		3	2				5
Falco subbuteo	103	9	111				223	3	2	11			1	17
Aquila chrysaetos	58	98	68			1	225		9	3				12
Pernis apivorus	78	7	19				104	1	4					5
Milvus milvus		82	153				235		1	22				23
Falco vespertinus						59	59						5	5
Buteo lagopus	20	36					56		3				1	4
Aquila pomarina						20	20						5	5
Falco rusticolus	6	11					17		1					1
Circus cyaneus	15		251				266	1		2				3
Circus pygargus		4					4		1					1
Milvus migrans	2						2							0
Gyps fulvus					1		1							0
Circaetus gallicus							0							0
Circus macrourus							0							0
Aquila clanga							0							0
Falco cherrug							0						3	3

EURING SCHEMES

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Finland	Sweden	UK/Ireland	N'lands	Spain	Romania	Total	Finl	and	Sweden	UK/Ireland	N'lands	Spain F	Romania	Total
9058	3663	2482	2250		18	17471		322	47	141	350		32	892
1422	228	186				1836		4						4
420	138	454	1082		5	2099		5	26	76	225		7	339
490	70	129	1003			1692		370	205	522	134		4	1235
858	151	388				1397		59	182					241
239	216	422				877		2		13				15
Finland	Sweden	UK/Ireland	Netherlar	Spain	Romania	Total	Finl	and	Sweden	UK/Ireland	Netherla	Spain F	Romania	Total
		6684	3240			9924				761	108			869
468	1306	1103			1	2878		76	156	156			4	392
		418	1610		2	2030				99	239		14	352
513	479					992		49	71					120
592	385					977		668	92					760
797	89					886		168	66					234
	9058 1422 420 490 858 239 Finland 468 513 592	Finland Sweden 9058 3663 1422 228 420 138 490 70 858 151 239 216 Finland Sweden 468 1306 513 479 592 385	Finland Sweden UK/Ireland 9058 3663 2482 1422 228 186 420 138 454 490 70 129 858 151 388 239 216 422 Finland Sweden UK/Ireland 468 1306 1103 418 513 479 592 385	Finland Sweden UK/Ireland N'lands 9058 3663 2482 2250 1422 228 186 420 138 454 1082 490 70 129 1003 858 151 388 239 216 422 Finland Sweden UK/Ireland Netherlar 6684 3240 468 1306 1103 418 1610 513 479 592 385	Finland Sweden UK/Ireland N'lands Spain 9058 3663 2482 2250 1422 228 186	Finland Sweden UK/Ireland N'lands Spain Romania 9058 3663 2482 2250 18 1422 228 186	Finland Sweden UK/Ireland N'lands Spain Romania Total 9058 3663 2482 2250 18 17471 1422 228 186 6 6 1836 420 138 454 1082 5 2099 490 70 129 1003 692 1692 858 151 388 6 1397 877 239 216 422 6684 3240 9924 468 1306 1103 12878 12878 418 1610 22030 2030 513 479 992 992 592 385 6 </td <td>Finland Sweden UK/Ireland N'lands 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92	Finland Sweden UK/Ireland N'lands Spain Romania Total Finland Sweden UK/Ireland 9058 3663 2482 2250 18 17471 322 47 141 1422 228 186 1836 4	Finland Sweden UK/Ireland N'lands Spain Romania Total Finland Sweden UK/Ireland N'lands 9058 3663 2482 2250 18 17471 322 47 141 350 1422 228 186 1836 4 4 66 225 490 70 129 1003 1692 370 205 522 134 858 151 388 6 1397 59 182 5 134 6684 1397 59 182 5 134 6684 1397 59 182 60 134 6684 1306 138 6684 3240 9924 70 761 108 761 108 761 108 761 108 761 108 761 108 761 108 761 108 761 108 761 108 761 108 761 108 761	Finland Sweden UK/Ireland N'lands Spain Romania Total Finland Sweden UK/Ireland N'lands Spain Foundation 9058 3663 2482 2250 18 17471 322 47 141 350 141	Finland Sweden UK/Ireland N'lands Spain Romania Total Finland Sweden UK/Ireland N'lands Spain Romania Romania 9058 3663 2482 2250 18 1422 228 186 1422 228 186 1420 138 454 1082 5 2099 5 26 76 225 7 1836 4 54 76 225 77 25 2099 5 26 76 225 77 25 2099 5 26 76 225 77 25 2099 5 26 76 225 77 25 2099 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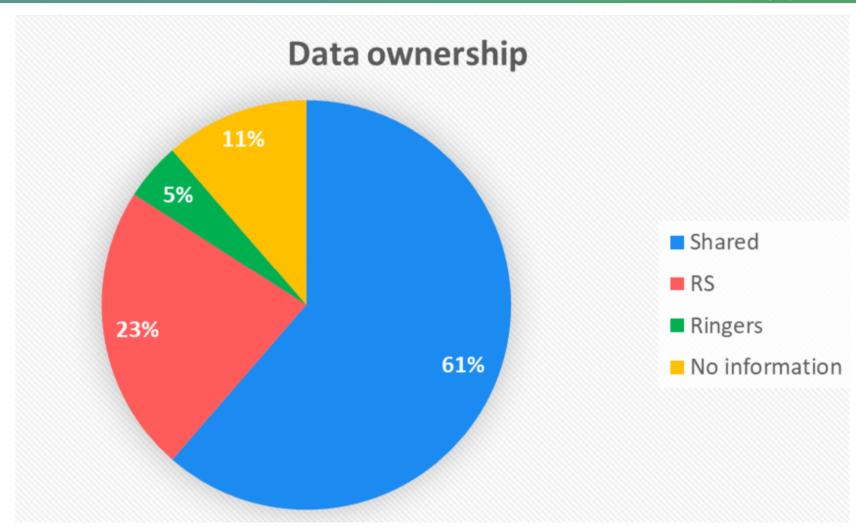
EURING SCHEMES PRELIMINARY ANALYSIS OF SCHEME DETAILS



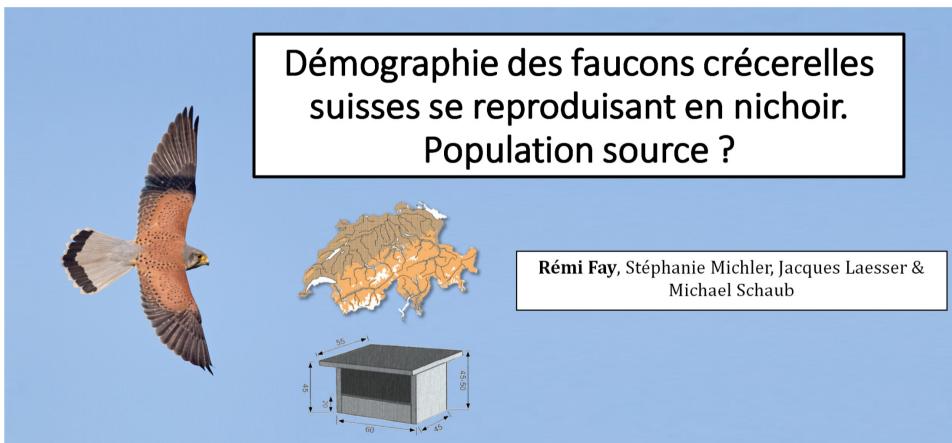
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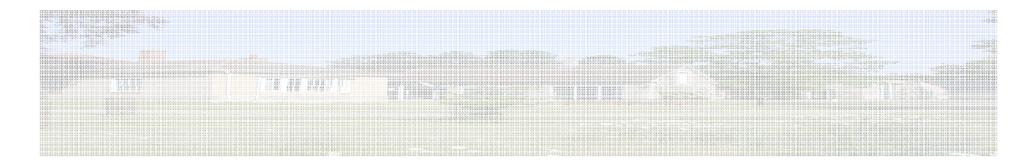




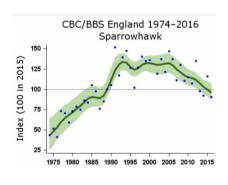


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Case study of integrated population modelling: https://onlinelibrary.wiley.com/doi/full/10.1111/ecog.04559



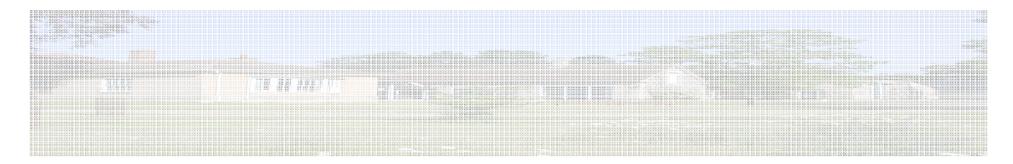




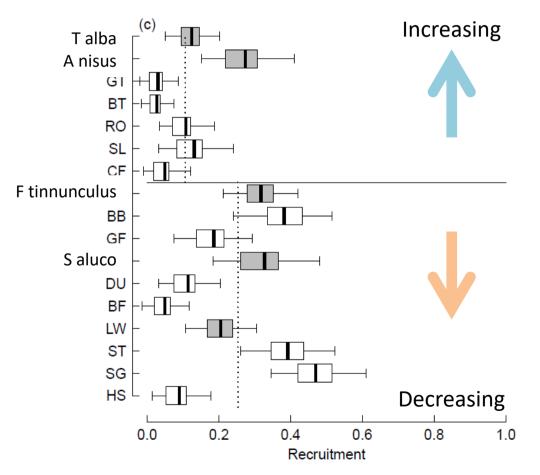


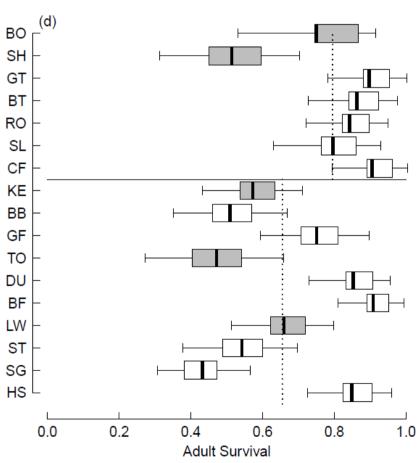






Population Trend





Future thoughts

- Support more standardised monitoring
 - Demography and movements
- Feedback of relevant results
- Integrated data capture processes
- Exchange of data
- Coordination across Europe

