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Supplement of

The older the richer: significant increase in breeding bird diversity along an age gradient of different coppiced woods

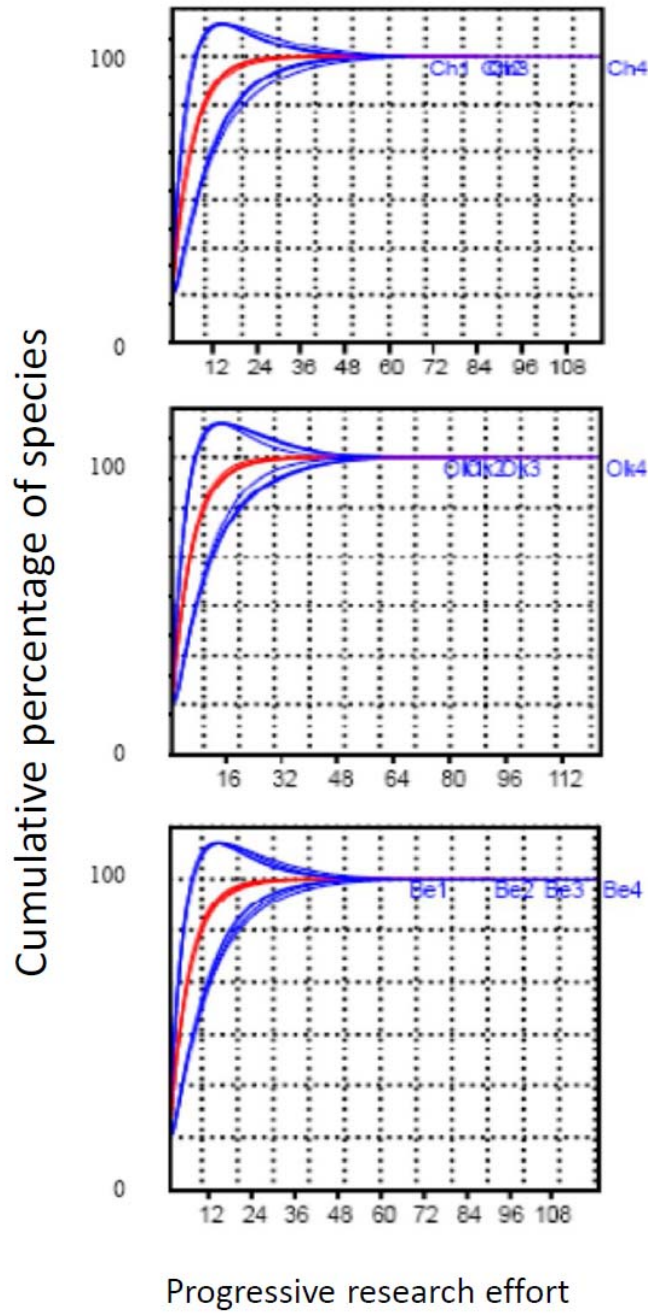
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Supplementary materials 1.

Rarefaction curves with 95% confidence intervals calculated after 9,999 bootstraps. Cumulative percentage of species (y-axis) along progressive research effort (sampling points: x-axis). The curves were fitted using PAST 3.0 statistical software. Ch: Chestnuts; Ok: Turkey oaks; Be: Beech forests.



Supplementary materials 2.

List of species observed in the study area. Forest species (i.e. generalist or specialized species inhabiting forest habitats) are indicated (*). See text for further details.

Species		Forest species
Sparrowhawk	<i>Accipiter nisus</i>	
Wood Pigeon	<i>Columba palumbus</i>	*
Turtle Dove	<i>Streptopelia turtur</i>	*
Hoopoe	<i>Upupa epops</i>	*
Cuckoo	<i>Cuculus canorus</i>	*
Green Woodpecker	<i>Picus viridis</i>	*
Great Spotted Woodpecker	<i>Dendrocopos major</i>	*
White-backed Woodpecker	<i>Dendrocopos minor</i>	*
Wryneck	<i>Jynx torquilla</i>	*
Blackbird	<i>Turdus merula</i>	*
Sardinian Warbler	<i>Sylvia melanocephala</i>	
Blackcap	<i>Sylvia atricapilla</i>	*
Chiffchaff	<i>Phylloscopus collybita</i>	*
Firecrest	<i>Regulus ignicapilla</i>	*
Wren	<i>Troglodytes troglodytes</i>	*
Robin	<i>Erithacus rubecula</i>	*
Spotted Flycatcher	<i>Muscicapa striata</i>	*
Great Tit	<i>Parus major</i>	*
Blue Tit	<i>Cyanistes caeruleus</i>	*
Marsh Tit	<i>Poecile palustris</i>	*
Long-tailed Tit	<i>Aegithalos caudatus</i>	*
Nuthatch	<i>Sitta europaea</i>	*
Wallcreeper	<i>Certhia brachydactyla</i>	*
Golden Oriole	<i>Oriolus oriolus</i>	*
Starling	<i>Sturnus vulgaris</i>	*
Jay	<i>Garrulus glandarius</i>	*
Chaffinch	<i>Fringilla coelebs</i>	*
Greenfinch	<i>Chloris chloris</i>	
Serlin	<i>Serinus serinus</i>	
Subalpine Warbler	<i>Sylvia cantillans</i>	

Supplementary materials 3

Species and relative frequencies for each forest habitat (Ch, chestnut; Oa, Turkey oak; Be, beech woods) in the four age classes (from 1 to 4) considered. N = total number of records. Empty spaces correspond to species not present at specific sampling sites.

species	Ch1	Ch2	Ch3	Ch4	Oa1	Oa2	Oa3	Oa4	Be1	Be2	Be3	Be4
<i>Accipiter nisus</i>				0.010								0.009
<i>Columba palumbus</i>		0.048	0.020	0.029		0.068	0.072	0.036	0.027	0.035	0.045	0.053
<i>Streptopelia turtur</i>		0.016	0.020	0.019		0.017	0.029	0.007	0.027	0.018	0.022	0.026
<i>Upupa epops</i>	0.045		0.020	0.010	0.021			0.015				
<i>Cuculus canorus</i>				0.010			0.014					
<i>Picus viridis</i>				0.019			0.014	0.029		0.035	0.045	0.044
<i>Dendrocopos major</i>				0.010			0.029	0.029	0.027	0.018	0.011	0.018
<i>Dendrocopos minor</i>			0.020				0.014	0.015				0.009
<i>Jynx torquilla</i>				0.019			0.014	0.022	0.027	0.035	0.022	0.026
<i>Turdus merula</i>	0.136	0.194	0.082	0.067	0.043	0.102	0.101	0.058	0.108	0.123	0.067	0.053
<i>Sylvia melanocephala</i>		0.048			0.064	0.017						
<i>Sylvia atricapilla</i>	0.045	0.048	0.061	0.048	0.064	0.068	0.072	0.058		0.035	0.045	0.044
<i>Phylloscopus collybita</i>	0.136	0.032	0.082	0.048	0.064	0.034	0.014	0.036	0.081	0.018	0.045	0.053
<i>Regulus ignicapilla</i>	0.023	0.032	0.061	0.048	0.021	0.034	0.029	0.022		0.053	0.045	0.044
<i>Troglodytes troglodytes</i>	0.023	0.065	0.020	0.067		0.034	0.072	0.066		0.053	0.034	0.061
<i>Eriothacus rubecula</i>	0.091	0.161	0.061	0.077	0.106	0.136	0.130	0.073	0.027	0.053	0.045	0.053
<i>Muscicapa striata</i>	0.045	0.032	0.020	0.038	0.021	0.017		0.022	0.027	0.018	0.022	0.018
<i>Parus major</i>	0.068	0.081	0.122	0.096	0.064	0.102	0.087	0.058	0.135	0.105	0.101	0.096
<i>Cyanistes caeruleus</i>	0.091	0.081	0.122	0.087	0.085	0.102	0.087	0.080	0.108	0.105	0.079	0.088
<i>Poecile palustris</i>	0.045		0.041			0.034				0.035		
<i>Aegithalos caudatus</i>			0.061	0.067	0.106	0.068	0.072	0.044	0.081	0.035	0.079	0.061
<i>Sitta europaea</i>				0.029				0.066		0.053	0.067	0.070
<i>Certhia brachydactyla</i>		0.016	0.041	0.048	0.043		0.043	0.044	0.081	0.070	0.056	0.053
<i>Oriolus oriolus</i>		0.032	0.020			0.017	0.014	0.007				0.009
<i>Sturnus vulgaris</i>				0.058				0.102			0.022	
<i>Garrulus glandarius</i>	0.068	0.081	0.041	0.019	0.128	0.119	0.072	0.029	0.054	0.035	0.056	0.035
<i>Fringilla coelebs</i>	0.136	0.032	0.082	0.077	0.106	0.034	0.014	0.080	0.189	0.070	0.090	0.079
<i>Chloris chloris</i>	0.045											
<i>Serinus serinus</i>					0.021							
<i>Sylvia cantillans</i>					0.043							
N	44	62	49	104	47	59	69	137	37	57	89	114