

SUPPLEMENTARY ELECTRONIC MATERIAL (APPENDIX 2)

ARDEOLA 71 (2)

REVIEW

A SYSTEMATIC REVIEW OF TRENDS AND METHODOLOGIES IN RESEARCH ON THE EFFECTS OF WILDFIRES ON THE AVIFAUNA IN TEMPERATE FORESTS

REVISIÓN SISTEMÁTICA DE LAS TENDENCIAS Y METODOLOGÍAS EN LA INVESTIGACIÓN SOBRE LOS EFECTOS DE LOS INCENDIOS FORESTALES EN LA AVIFAUNA EN BOSQUES TEMPLADOS

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TABLE B1

Significant findings have emerged from a comprehensive bibliometric analysis utilising data from Web of Science. This analysis encompasses 52 studies dedicated to investigating the impact of fire on avian communities within temperate forests.

[Hallazgos significativos de un análisis bibliométrico utilizando datos de Web of Science, que abarcan 52 estudios que investigan el impacto del fuego en las comunidades de aves en bosques templados.]

	Description	Results
Main Information	Time interval	2000:2022
	Sources	30
	Documents	52
	Growth Annual Rate	-3.41
	Average Citation per Document	19.62
	References	2701
Documents Type	Articles	52
	Book Chapters	1
	Key Words Plus	258
	Key Words Author	257
Author	Author Appearance	183
	Unique Author Documents	1
Author Collaboration	Co-Author International %	15.09
	Co-Author per Document	4.02

TABLE B2

Performance metrics for the scientific journals assessed in this review.

[Métricas de rendimiento de las revistas científicas evaluadas en esta revisión.]

Source	Index			Total number of citations	Total number of publications	Date of publication
	H	G	M			
<i>Condor</i>	5	6	0.294	75	6	2007
<i>Forest Ecology and Management</i>	5	8	0.313	119	8	2008
<i>American Midland Naturalist</i>	3	3	0.188	28	3	2008
<i>Ecosphere</i>	3	3	0.375	45	3	2016
<i>Plos One</i>	3	3	0.375	66	3	2016
<i>Animal Biodiversity and Conservation</i>	2	2	0.143	17	2	2010
<i>AUK</i>	2	2	0.095	32	2	2003
<i>Ecological Applications</i>	2	2	0.105	314	2	2005
<i>Journal of Field Ornithology</i>	2	2	0.143	13	2	2010
<i>Landscape Ecology</i>	2	2	0.25	6	2	2016

TABLE B3

Key words frequencies in the studies included in this review.

[Frecuencias de palabras clave en los estudios incluidos en esta revisión.]

Words	Frec	Words	Frec	Words	Frec
Fire	19	Bayesian multispecies occupancy model	2	<i>Picoides arcticus</i>	2
Fire severity	11	Biodiversity	2	Post fire	2
Conifer forest	9	Biological legacies	2	Pyrodiversity	2
Avifauna	6	Breeding	2	Seed	2
Disturbance	5	Conservation	2	Species richness	2
Forest management	5	Ecological memory	2	Succession	2
Distance sampling	3	Florida	2	Time since fire	2
Habitat	3	Habitat selection	2	Abundance	1
Longleaf pine	3	Occupancy	2	Adaptative landscape	1
<i>Ammodramus hensolowi</i>	2			Aerial	1

TABLE B4

Document attributes with their corresponding frequencies of occurrence in the final dataset of 52 documents.

[Los atributos de los documentos se presentan junto con sus frecuencias de ocurrencia correspondientes en el conjunto final de datos que consta de 52 documentos.]

Birds Sampling	Frec	Disturbance assessment	Frec	Fire Severity	Frec
P	4	A	20	H	2
ARU	3	A-C	22	L-H	2
Call	1	B-A	5	U-H	2
Cluster	1	BACI	4	L-M-H	8
CT	1	BACI-AC	1	U-L-H	3
LT	8			U-M-H	2
LT-PC	4			U-L-M-H	7
MN	4			None	26
PC	23				
Reference	1				
RT	2				
SUM	52		52		52

* Bird Sampling: P = Plot; ARU = Autonomous recording of sound units; Call = Broadcast of pre-recorded calls; Clus = Clusters; CT = Camera Trail; LT = Line transect; LT-PC = Line transect and Point-counts; MN = Mist-Nets; PC = Point-counts; Reference = Bibliographic references of sampling; RT = Radio telemetry.

Disturbance assessment: A = After; A-C = After and Control; B-A = Before and After; B-A-C-I = Before-After-Control-Impact; B-A-C-I/A-C = Before-After-Control-Impact/After-Control.

Fire severity: L-H = Low and High; U-H = Unburnt and High; L-M-H = Low and Medium and High; U-L-H = Unburnt and Low and High; U-M-H = Unburnt and Medium and High; U-L-M-H = Unburnt and Low and Medium and High; H = High

TABLE B5

Statistical analyses identified in the final dataset of 52 documents

[Análisis estadísticos identificados en el conjunto final de datos compuesto por 52 documentos.]

Statistical Analyses	Frec
Hierarchical Model	4
ANOVA	5
AIC	1
Basic Comparison Index	6
Canonical Correspondence	3
Cluster Analysis	1
Distribution, habitat and occupancy models	14
GLMS	4
Distance sampling model	2
Linear regressions	3
Nest site selection	1
Analysis of similarities	2
Principal component analysis	3
PERMANOVA	3
SUM	52