

SUPPLEMENTARY ELECTRONIC MATERIAL (APPENDIX 1)

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 A1

PICO Model. Strategy for compiling accurate information from the Web of Science database from studies on forest fires that impacted temperate forests and that employed birds as indicators of the effects of fire.

[Modelo PICO. Estrategia para recopilar información precisa de la base de datos Web of Science sobre estudios de incendios forestales que afectaron a bosques templados y utilizaron aves como indicadores de los efectos del fuego.]

Acronym	Definition	Description
P	Problem	It refers to the subject of study a specific problem. In this instance, we are examining temperate forest ecosystems.
I	Intervention	Represents the focal intervention on the subject of study, specifically in this case, a geographic area impacted by a forest fire.
C	Comparison or Control	Described as a standard control or comparison intervention. We seek various levels of fire severity utilised in the studies, as well as pre-fire and/or post-fire conditions.
O	Outcomes	Results that quantify the impact of the intervention. In this review, we employed studies that observe the response of either the bird community as a whole or individual species in some capacity.

TABLE A2

Parameters and search equation utilising the Web of Science database. Prescribed burns, fire management treatments and logging were excluded to focus the results on the natural effects of wildfires.

[Parámetros y ecuación de búsqueda utilizando la base de datos de Web of Science. Los temas de quemas prescritas, tratamientos de gestión de incendios y tala fueron excluidos para enfocar los resultados en los efectos naturales de los incendios forestales.]

AB: abstract; AK: keywords; TI: title

Key concepts		
Fire	Birds	Temperate Forest
Synonyms		
“Fire”, “Wildfire”, “Forest Fire”, “Biomass Burning”, “Fire Ecology”, “Fire Land”, “Post Fire”, “After Wildfire” and “Burn”.	“Bird”, “Avian”, “Ornithology” and “Avifauna”.	“Temperate Forest”, “Temperate Climate”, “Mixed Forest”, “Deciduous Forest”, “Coniferous”, “Temperate Zone”, “Pine” and “Pinus”.
Final search strategy. "Equation".		
<p>[AB, AK, TI] = ((Wildfire* OR Forest Fire* OR Fire* OR Biomass Burning OR Fire Ecology OR Fire Land OR Post-fire OR After Wildfire*) AND (Bird* OR Avian OR Ornithology OR Avifauna) AND (Temperate Forest OR Temperate Climate OR Mixed Forest OR Deciduous Forest OR Coniferous OR Temperate Zone OR Pine OR Pinus) NOT (Prescribed Fire OR Treatment OR Logged))</p>		

TABLE A3

List of synonyms, grouping similar concepts

[Lista de sinónimos, agrupados en conceptos similares.]

Concepts				
Fire	Forest Management	Avifauna	Fire Severity	Temperate Forest
Synonym				
Wildfire, Burned Forest, Burned Stand, Fires.	Management, Habitat Management.	Birds, Bird, Bird Fauna.	Mixed-severity, Burn severity, severity.	Dry conifer forests, conifer forest, mixed conifer forest, old boreal forests, pine-oak woodland, and forest.