

Supplementary Material

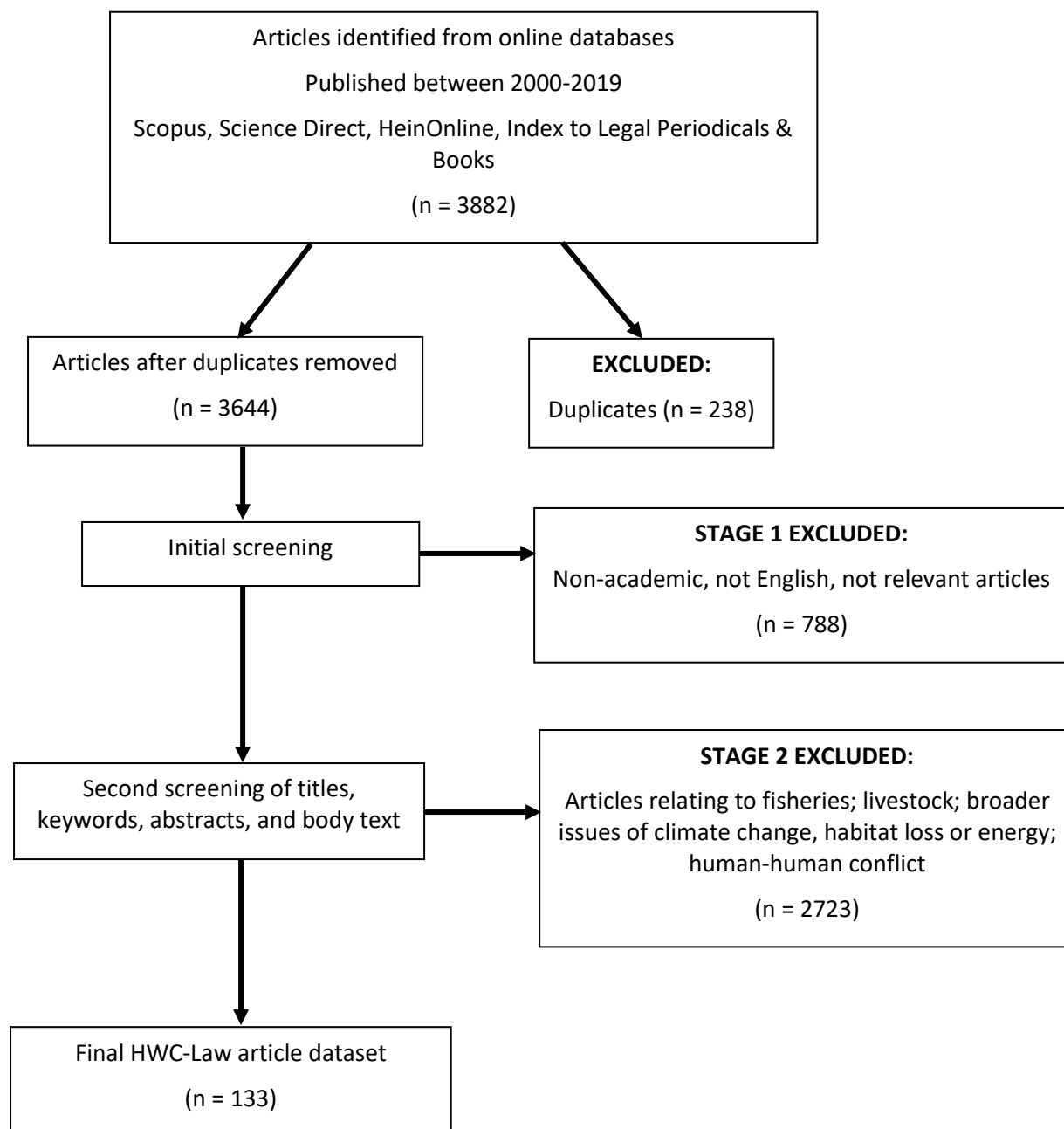


Figure S1. Summary of the data collection method. See text for details of exclusion and inclusion criteria.

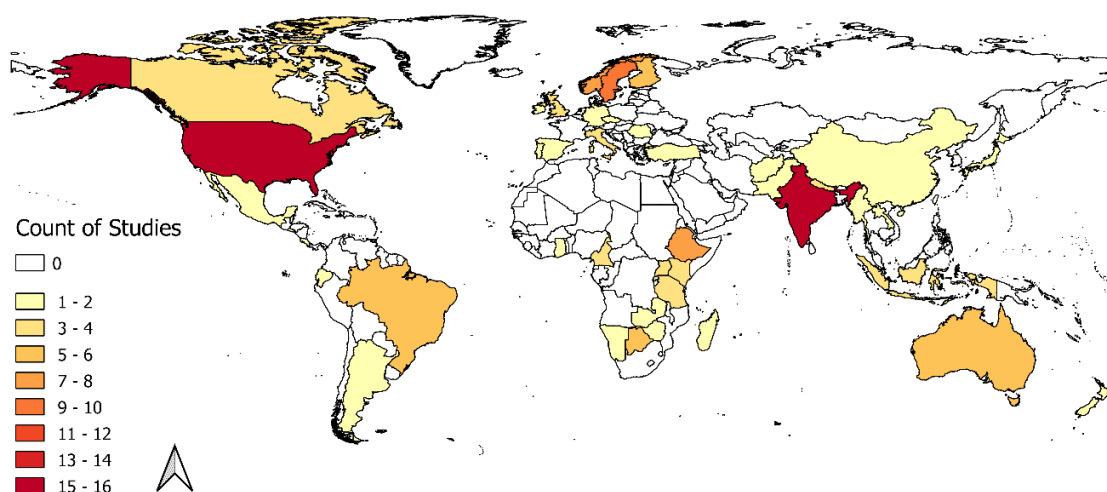


Fig. S2. Study locations for the 133 articles on human-wildlife conflict.

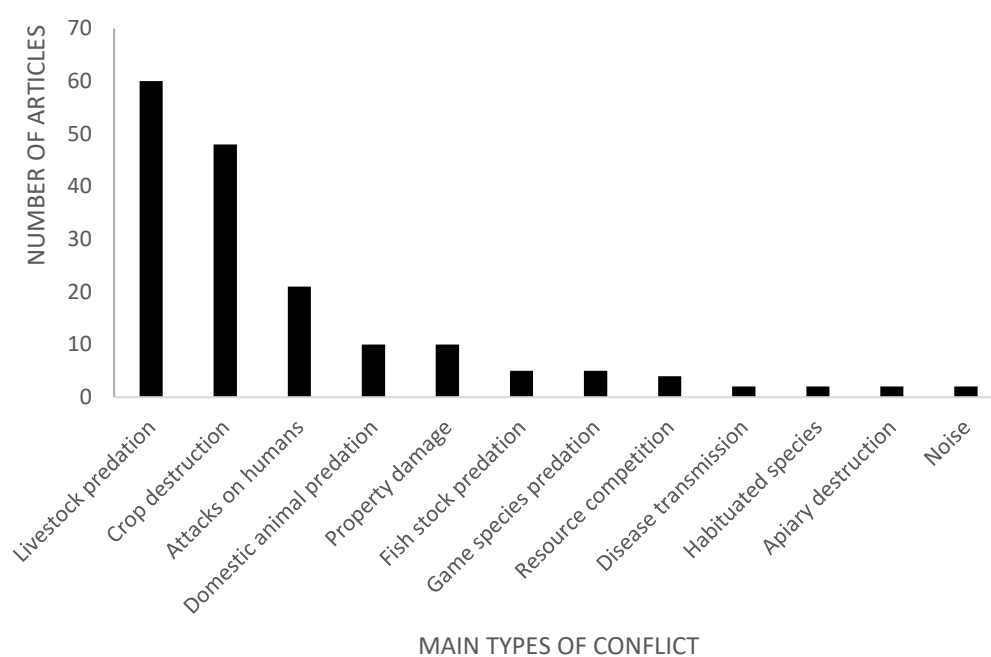


Fig. S3. Main types of human-wildlife conflict (HWC) identified in the 133 review articles.

Supplementary Material List S1. The 133 articles reviewed in the SQLR of HWC and law

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Supplementary Material

Table S1. Summary of categories used to analyse data on human-wildlife conflict in the 133 focus articles

Main Data Category	Sub-category	Categories
Data/ methodology	Methodology	Interviews v focus groups v written questionnaire v observations v literature surveys
	Study participants	Individuals v commercial organisations v rangers v NGOs v academics v government/state
	Journal discipline	Subject area based on SCImago classifications
Geographic	Geographic area of study	Individual country
	First author affiliation	Individual country
	Specific study location	Protected Area (PA) v non PA
Taxonomic	Specific taxa	By species or species groups, e.g. wolves, grizzly bears, Canada geese
Conflict	Type of conflict	12 main types, e.g. livestock predation v crop destruction v human attack v property destruction
Mitigation	Mitigation technique used	18 main types, e.g. illegal killing v compensation v fencing v translocation
Law	Mention of law	Yes v no
	Government level	Local v national v international
	Specific law named	Yes v no
	Customary law	Yes or no
Effect of law	Overall effect	None v positive v negative v positive+negative
	Negative effect reasons	7 main types, e.g. lack of implementation v lack of knowledge v vague law
	Positive effect reasons	6 main types, e.g. participation v adequate compensation v co-management
Policy	Mention of policy	Yes v no
	Specific policy named	Yes v no
	Policy type	7 main types, e.g. species management plan, protected area plan, national development plan

Supplementary Material

Table S2. Specific laws referred to in the 133 review articles. Numbers in parentheses refer to the number of different articles referring to the specific law or policy.

Specific Law/Policy Identified in Articles
International Law
African-Eurasian Waterbird Agreement (AEWA)
Berne Convention (1979) (2)
Convention of International Trade of Endangered Species—CITES (3)
UN Convention of Biological Diversity (1992) (2)
Regional Law – European Union
EU Council Directive 92/43/EEC on the Conservation of Natural Habitats and of Wild Fauna and Flora (7)
Natura 2000
National Law - Africa
Botswana Community Based Natural Resource Management Policy legislation 2017
Botswana Fauna Conservation Act 2008
Botswana Wildlife Conservation and National Parks Act (WCNPA) 1992 (2)
Cameroon Wildlife Act 1994
Ethiopia Conservation of Wildlife Regulations 1972
Ethiopia Rural Land Proclamation 1975
Ethiopia Proclamation No. 541/2007. A Proclamation to Provide for the Development, Conservation and Utilization of Wildlife
Ethiopia Wildlife Conservation Proclamation 2007
Kenya Maasailand Preservation Trust 1992
Kenya Wildlife Act 2010
Mauritius Native Terrestrial Biodiversity and National Parks Act 2015
Tanzania Local Government Act of 1982
Uganda Wildlife Statute 1996
Zimbabwe Parks and Wildlife Act 1975
Zimbabwe Parks and Wildlife Act 1982
National Law - Asia
Afghanistan Presidential Decree no. 53, 2005
Law of the People's Republic of China on the Protection of Wildlife 1998
India Biological Diversity Act (2002)
India Forest Conservation Act 1980 (2)

India Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act (2)
 Indian Forest Act (1927)
 Indian Wildlife (Protection) Act 1972 (5)
 Japan Environmental Governing Standards. Department of Defense
 Myanmar Protection of Wildlife and Protected Areas Law 2018
 Myanmar State Law and Order and Restoration Council 1994
 Nepal National Parks and Wildlife Conservation Act 1973

National Law - Europe

Czech Republic Legislative Act no 115/2000 Compensation for Damages Caused by Selected Particularly Protected Animal Species
 Finland Hunting Law/Statute of Hunting: 666/1993, 1374/1996, 869/1998
 Germany Basic Law (original version: 1949, latest amendment: 2017)
 Germany Federal Hunting Act (original version: 1952, latest amendment: 2017)
 Germany Federal Nature Conservation Act (original version: 1976, latest amendment: 2017)
 Norway Nature Diversity Act (LOV-2014-06-20-50 (2014)
 Norway Wildlife Act (LOV-1981-05-29 nr 38 (1981)
 Scottish Conservation Order
 Sweden Coherent Predator Policy 2001 (2)
 Sweden Species Protection Ordinance 2007
 Swedish Parliament Decree 2009:1474, 2001:724 and 2010:242
 Turkey Land Hunting Law of 1937
 UK Protection of Badgers Act 1992

National Law – North America

Canada Wildlife Act 1985
 USA Act of September 14, 1950, Public Law 81–787, Section 6(a), 64 STAT 840–849
 USA Endangered Species Act (ESA) (4)
 USA Magnuson–Stevens Fishery Conservation and Management Act 1976
 USA Marine Mammal Protection Act (MMPA) of 1972 (2)
 USA National Environmental Policy Act 1970

National Law – South America

Brazil Environmental Crimes, Brazilian federal law 9.605/1998
 Brazil National System of Protected Areas (Federal Law 9985/00)
 Brazilian Wildlife Protection Act 1967

Local Law

Australia - Wildlife Act 1975 (Victoria)

USA - City of Aspen, Title 12 Solid Waste - Chapter 12.08 Wildlife Protection

USA - Pitkin County, Title 6 Health and Safety - Chapter 6.44 Wildlife Protection

USA - Northern Areas Wildlife Preservation Act 1975
