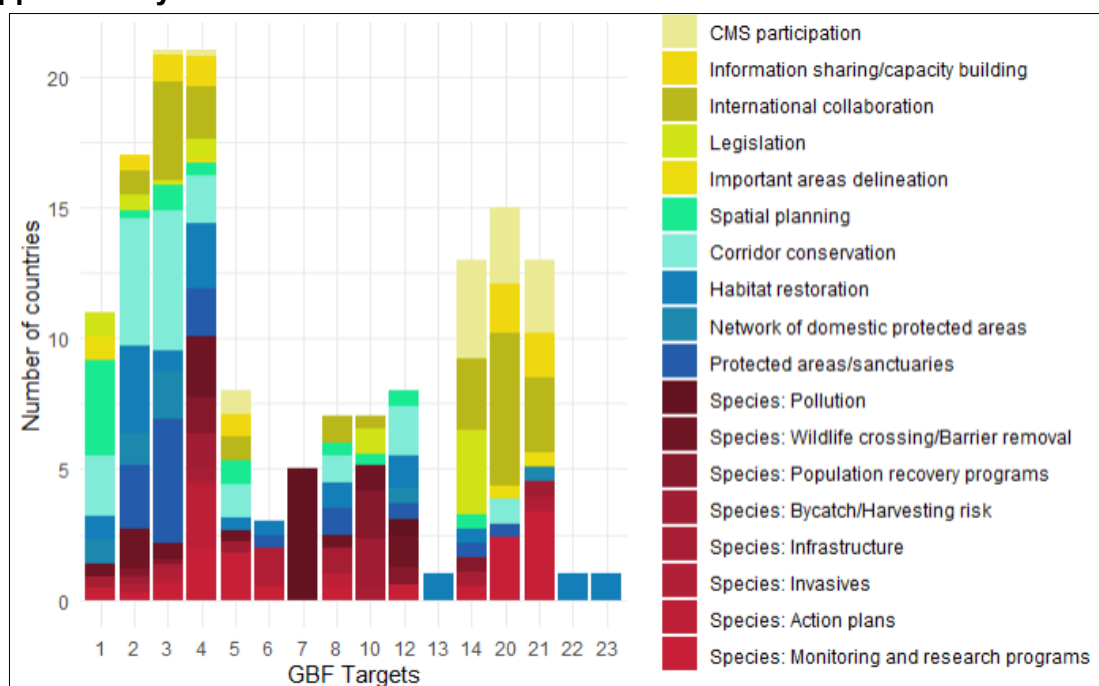


## Supplementary Materials

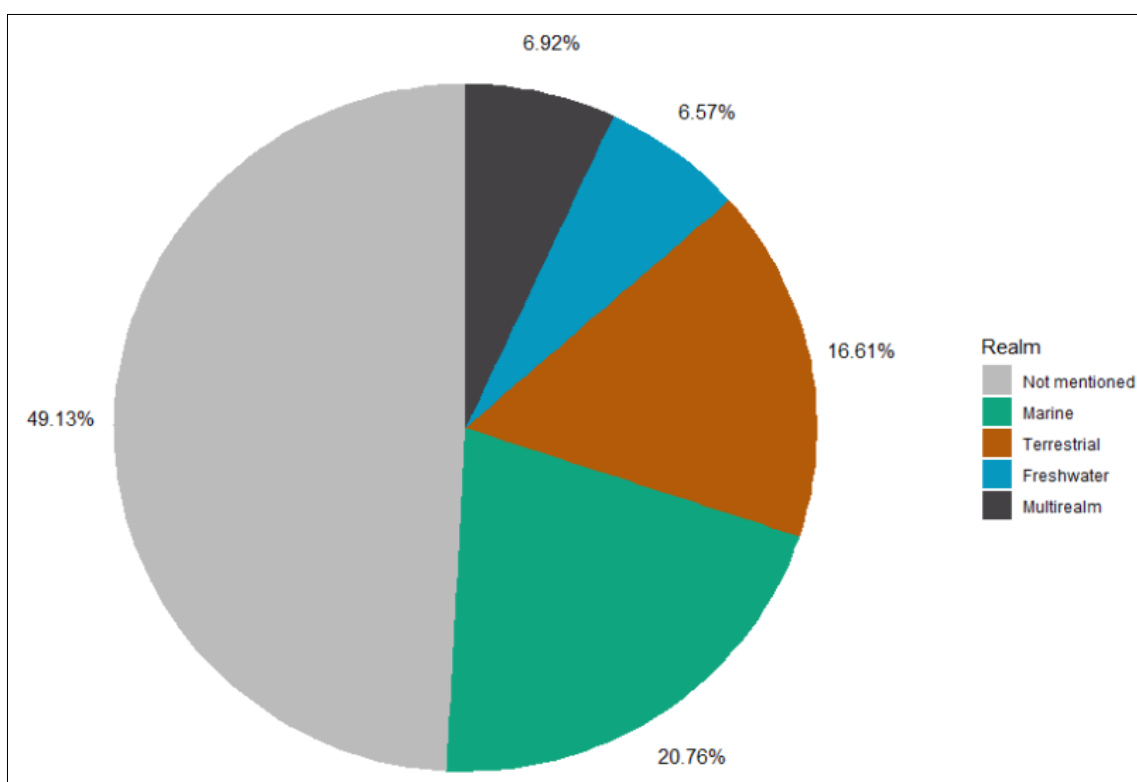


*Supplementary Figure S1: GBF targets by the kinds of actions reported<sup>12</sup>. Red shades relate to species-focused actions, blue shades relate to area-based actions, and yellow shades relate to actions focused on capacity building/international cooperation. The targets correspond to Supplementary Table S1.*

*Supplementary Table S1: Relevant Global Biodiversity Framework targets*

TARGET 1:	Plan and Manage all Areas To Reduce Biodiversity Loss
TARGET 2:	Restore 30% of all Degraded Ecosystems
TARGET 3;	Conserve 30% of Land, Waters and Seas
TARGET 4:	Halt Species Extinction, Protect Genetic Diversity, and Manage Human-Wildlife Conflicts
TARGET 5:	Ensure Sustainable, Safe and Legal Harvesting and Trade of Wild Species
TARGET 6:	Reduce the Introduction of Invasive Alien Species by 50% and Minimize Their Impact
TARGET 7:	Reduce Pollution to Levels That Are Not Harmful to Biodiversity
TARGET 8:	Minimize the Impacts of Climate Change on Biodiversity and Build Resilience
TARGET 10:	Enhance Biodiversity and Sustainability in Agriculture, Aquaculture, Fisheries, and Forestry
TARGET 12:	Enhance Green Spaces and Urban Planning for Human Well-Being and Biodiversity

TARGET 13:	Increase the Sharing of Benefits From Genetic Resources, Digital Sequence Information and Traditional Knowledge
TARGET 14:	Integrate Biodiversity in Decision-Making at Every Level
TARGET 20:	Strengthen Capacity-Building, Technology Transfer, and Scientific and Technical Cooperation for Biodiversity
TARGET 21:	Ensure That Knowledge Is Available and Accessible To Guide Biodiversity Action
TARGET 22:	Ensure Participation in Decision-Making and Access to Justice and Information Related to Biodiversity for all
TARGET 23:	Ensure Gender Equality and a Gender-Responsive Approach for Biodiversity Action



Supplementary Figure S2: The number of actions under each category and their relevant ecological realm<sup>16</sup>

Supplementary Table S2:

Codes	Description, examples of what to include
CMS participation	Whether NBSAP included mention of CMS involvement or intentions to become a signatory/party. Also code action with "International collaboration" so it can count towards totals in both codes)
Important area delineation	Typically to capture actions increasing KBA coverage, but also includes any efforts/actions to identify species hotspots and important areas. Typically also related to the "spatial planning" code.

Information sharing/capacity building	Actions related to education, outreach, hosting working groups/conferences
International collaboration (partnerships/regional action plans/intl networks)	Involves any sort of regional/transboundary collaboration, including regional protected area networks, involvement in multilateral environmental agreements (eg. Ramsar, CITES, but also CMS - include this code when putting in CMS participation)
Legislation	For either actions referring to any existing legislation or action plans that have already been enacted prior to the start year of the NBSAP, or for efforts to implement future legislative actions
Spatial planning	Actions related to producing spatial plans for identifying areas for conservation actions. The "Important area delineation" should also fall under this code.
Corridor	Actions related to identifying/delineating, restoring, and/or protecting corridors. Often overlap with other area-based actions such as habitat restoration or protected area creation and protection.
Habitat restoration	Related to habitat or ecosystem restoration actions
Network of domestic protected areas	Related to actions to increase the connectivity between domestic protected areas. Actions with this code should also have the "Protected areas/sanctuaries" code.
Protected areas/sanctuaries	Related to establishing or enhancing protection at protected areas/sanctuaries
Species: Monitoring and research programs	Actions related to data gathering (eg. bird banding, deploying satellite tagging, photo ID) and research production
Species: Pollution	For a related to reducing pollution for migratory movements/species, including light, noise, air, water, etc.
Species: Wildlife crossing/Barrier removal	For action related to removing barriers to movement (eg. Reducing freshwater fish migratory paths), building wildlife crossings
Species: Population recovery programs	For actions related to breeding / reproductive assistance, reintroductions, wildlife health
Species: Bycatch/Harvesting risk	Is the action related to risks caused by extraction/cultivation industries such as aquaculture, fisheries, poaching, etc
Species: Action plans	The implementation or initiation of a specific reference to a species action plan.
Species: Invasives	Actions related to invasive species management
Species: Infrastructure	Actions supporting the protection and restoration of species and populations due to infrastructure development

### Supplementary Data

See Supplementary Data file.