1. Information about the indicator	
Goal	Protection, restoration of terrestrial ecosystems and promotion of their rational use, rational forest management, combating desertification, stopping and reversing the process of land degradation and ending the process of loss
Task	Immediately take significant measures to curb the degradation of natural habitats, stop the loss of biological diversity and ensure the conservation and prevention of endangered species by 2020.
The indicator	List of rare and endangered plant and animal species
2. Information about the organization	
Organization	Committee of Forestry and Wildlife of the Ministry of Ecology and Natural Resources of the Republic of Kazakhstan, RSE "Institute of Zoology" and RSE "Institute of Botany and Phytointroduction"
3. Definitions and concepts	
Definition	An indicator reflecting the presence, composition and status of an officially recognized list of endangered species of flora and fauna in order to assess the level of biodiversity and the effectiveness of conservation measures.
Basic concepts:	Biodiversity is the diversity of living organisms (plants, animals, microorganisms), their genetic forms and ecosystems. Rare species are plant and animal species whose numbers or range are limited and tend to decrease. Endangered species are species that are in danger of total extinction in the near future without taking measures to protect them. The List of rare and endangered species is an official document containing information about species in need of special protection and control. The Red Book is a specialized list of rare and endangered plant and animal species used as a scientific and environmental basis for their conservation. Nature protection is a system of measures aimed at preserving and restoring natural ecosystems and species.
Justification and interpretation	The "List of Rare and Endangered Plant and Animal Species" is used to assess the state of biodiversity and identify endangered species. It allows you to track changes in the abundance and status of species, as well as the effectiveness of conservation measures. An increase in the number of species on the list indicates a deterioration in the environmental situation, while their reduction or stabilization indicates the positive impact of nature protection measures.
4. Data sources and collection methods	
Data sources	Resolution of the Government of the Republic of Kazakhstan dated October 31, 2006 No. 1034 «On approval of the Lists of Rare and Endangered Plant and Animal Species»
Data collection methods	The data is generated based on monitoring, inventory, and scientific data.
Unit of measure ment	Unit
Periodicity	Annual
5. Calculation method and other methodological considerations	
Calculation method:	The indicator is determined based on official data from authorized government agencies and scientific institutions. The calculation

	consists in calculating the number of rare and endangered plant and animal species included in the approved national list (Red Book), taking into account their threat categories. The data is generated based on the results of environmental monitoring, field research, biodiversity inventory, and expert assessments. The list is subject to regular updating, and changes in the number and status of species are used to analyze the dynamics and evaluate the effectiveness of environmental protection measures.
Comments and restrictions:	To achieve this indicator, it is necessary to be guided by the Law of the Republic of Kazakhstan dated July 7, 2006 «on specially protected natural territories».
6. Data availability and disaggregation	
Data availability and gaps:	General information can be found on the websites of the Ministry of Ecology and Natural Resources of the Republic of Kazakhstan and its departments and subordinate organizations or the Information and Legal System of Regulatory legal Acts of the Republic of Kazakhstan. http://10.61.42.188/rus/docs/P060001034_
The level of disaggregation:	Missing persons
7. Comparability with international data/standards	Discrepancies may exist between the indicator data among countries presented internationally, as each country may have different data.
8. References and documentation	Link to the website of the Ministry of Ecology and Natural Resources of the Republic of Kazakhstan and its departments and subordinate organizations or the Information and Legal System of regulatory legal acts of the Republic of Kazakhstan http://10.61.42.188/rus/docs/P060001034_