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## LIFE IN THE ARCTIC

[See the Clue Box for answers]

Identify these Arctic plants and animals which have adapted themselves to the climatic conditions. You can pick your answers from the help box.



1. \_\_\_\_\_ is a lesser-known feline that is typically small in size. It has long legs and broad paws that make walking through thick snow easier.



2. \_\_\_\_\_ can be found in Arctic regions of Alaska, Canada and Greenland. In winters, their coat turns white, allowing it to blend in with the snow, but in summers, the coat is generally a grey-brown colour.



3. \_\_\_\_\_ also known as reindeer is the only deer species in which both the female and male have antlers. It is protected under the Endangered Species Act.



4. \_\_\_\_\_ can be found on every continent on the globe except Antarctica. It is considered a menace in many ecosystems. In Australia, it was introduced by humans for recreational hunting in 1855 and quickly became established in the wild.

5. \_\_\_\_\_ is a dwarf shrub, food for musk oxen and Arctic hares. The Inuit people call it the "tongue plant" because of the shape of its leaves.



6. \_\_\_\_\_ plant grows in a low, tight clump. It is one of the earliest plants to bloom. The tiny, purple, star-shaped flowers often can be seen above the melting snow.

7. \_\_\_\_\_ is about 10-15 cm tall, with a single flower per stem. The flower heads the sun and the cup-shaped petals help absorb solar energy.

8. \_\_\_\_\_ is named for its fluffy, white tufts. It is an important food source for migrating snow geese and caribou.

## Know More

When snowy owls are fully grown, their feathers are pure white, but when they are owlets, their feathers are grey. The snowy owl is also the same owl species as Harry Potter's famous pet, Hedwig.



European red fox 4	Cottongrass 8	Arctic Willow 5
Caribou 3	Arctic Hare 2	Purple Saxifrage 6
Arctic Poppy 7	Canadian Lynx 1	





The names of some of the most common and popular trees are hidden in this word grid. Use the clues to find their names.



J	O	M	Q	A	B	E	F	O	A	K	Z
D	O	G	W	O	O	D	O	L	P	J	S
Y	B	I	R	C	H	S	T	I	L	E	C
M	X	I	H	O	K	M	R	V	R	J	E
T	X	U	J	N	E	E	M	E	E	C	D
S	Y	I	U	I	M	B	A	T	L	Y	A
J	S	N	Q	F	U	T	S	A	C	D	R
B	E	E	V	E	R	G	R	E	E	N	J
P	S	L	M	R	I	W	I	L	L	O	W
I	U	P	O	S	J	N	O	M	E	A	D
N	T	D	E	C	I	D	U	O	U	S	O
E	K	W	E	E	D	H	O	D	S	I	J



1. These trees of the Betula genus are known for having a thin peeling bark. Birch
2. The evergreen coniferous trees of the Cedrus genus are known for their durable wood and fragrant odour. Cedar
3. Any tree that sheds or loses its foliage at the end of its growing season. Deciduous
4. These are deciduous trees of the genus Quercus that produce acorns and have lobed leaves. Oak
5. They are chiefly needle leaved, evergreen, cone bearing gymnospermous trees. Conifer
6. Trees having narrow leaves, unisexual flowers borne in catkins and strong lightweight wood. Willow
7. Trees of the coniferous genus Pinus, known for their pine cones and pine needles. Pine
8. A tree of the genus Cornus, often having showy flower like bracts, known for its hard wood. Dogwood
9. Trees that have foliage that persists and remains green throughout the year. Evergreen
10. A tree of the genus Olea which is cultivated for its fruit. Olive