Adaptations: What traits does the species have that contribute to its spread?					
Species	Physical Traits Such as size, colour, shape	Behaviours of the invasive, or human behaviours, that benefit it.	Life Cycle Such as life span,reproduction, dispersal	Food Chain Who eats it, who it eats, diseases, parasites	Other Including other bodysystems, habitat preferences, or ecological changes it creates that it benefits from
ANIMALS					
American bullfrog	• Large size	 Can jump 10X their body length Able to fling their tongue out and catch prey above and below the water 	 20,000 eggs laid by one female Long breeding season compared to other frogs Tadpoles are large and take 2 years to develop 	 Eats everything that can fit in its mouth; fish, other amphibians, ducks. Adults eat animals that would prey on their tadpoles May spread diseases to native amphibians. 	Can live in many types of wetland habitats, including small garden ponds, and migrate to other wetlands.

Species	Physical Traits	Behaviours	Life Cycle	Food Chain	Other
Yellow perch	Banded pattern camouflages young fish from predators	People who like to fish add them (illegally) to lakes and ponds	 Spiral shaped strings of 15,000 eggs Reproduces earlier than other fish 	Generalist omnivore, eating plants, invertebrates, other fish including young salmon	
European starling	Larger than native cavity-nesting birds	Aggressively removes other birds out of nest sites (kills them and/or the eggs) Social - can be in flocks of hundreds or thousands	 Nests in holes in trees OR buildings Lays 4-6 eggs that hatch in only 12 days Females can be "nest parasites", laying eggs in other birds' nests 	• Generalist	Does well in and near human settlements (farms, towns)
Japanese beetle		Can fly up to 8 km with wind; grubs can be unknowingly transported in soil	Larvae spend the winter in soil under moist lawns and feed in early spring	Grubs feeds on roots of turf grass and adults feed on the fruit and leaves of more than 300 species of plants	

Species	Physical Traits	Behaviours	Life Cycle	Food Chain	Other	
PLANTS	PLANTS					
Baby's breath	Plant can roll like a tumbleweed and disperse seeds long distances	Delicate and pretty, so people want to plant it, garden stores use in bouquets	 10,000 seeds Perennial (plant grows and reproduces each year) 	Grazers and livestock don't like to eat it		
Spotted knapweed	 Bright flowers attract insect pollinators Taproot, hogs water from other plants/does well in drought conditions 	Can be spread in hay and vehicles over long distances	 140,000 seeds per m2 Can self-pollinate or be pollinated by insects 	Toxic to grazing animals and livestock	Releases toxins into soil that inhibit other plants from growing	
Eurasian watermilfoil		People move it to new locations on boat propellers, trailers or fishing gear, or from dumping aquarium contents	Spreads from roots, seeds, buds, and plant fragments	Grows well in low oxygen, slow moving waters, and its spread makes water slower moving and lower in O2, benefitting itself.		



Species	Physical Traits	Behaviours	Life Cycle	Food Chain	Other		
Giant hogweed	• Up to 5 m tall	Introduced as an ornamental garden plant	• 50,000 seeds on a plant	Has a toxic sap that can burn skin	Does well in disturbed sites like roadsides and ditches		
Your Discoveries of In	Your Discoveries of Invasive Species						
Create and Invasive All-Star! What are the adaptations of your imaginary invasive creature?							