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On Behalf Of:	
Committee:	Senate Committee On Natural Resources and Wildfire
Measure, Appointment or Topic:	HB3932

Beavers play a crucial role in river restoration because of their natural behaviors, especially dam building, which create diverse and resilient ecosystems. Here's why they're important:

Creating Wetlands: Beaver dams slow down water flow, which floods areas and creates wetlands—habitats that support a wide variety of plants, birds, fish, and insects.

Improving Water Quality: By trapping sediment and pollutants, beaver dams act as natural filters, improving the quality of water downstream.

Recharging Groundwater: Slower water movement increases infiltration into the ground, helping recharge aquifers and stabilize stream flows during dry periods.

Reducing Erosion: Dams slow down runoff and reduce the energy of flowing water, which decreases erosion and sediment loss from riverbanks.

Enhancing Biodiversity: The complex habitats around beaver ponds attract a wide array of species, increasing biodiversity and ecological resilience.

Fire Resistance: Beaver-created wetlands hold moisture in the landscape, making these areas more resistant to wildfires.