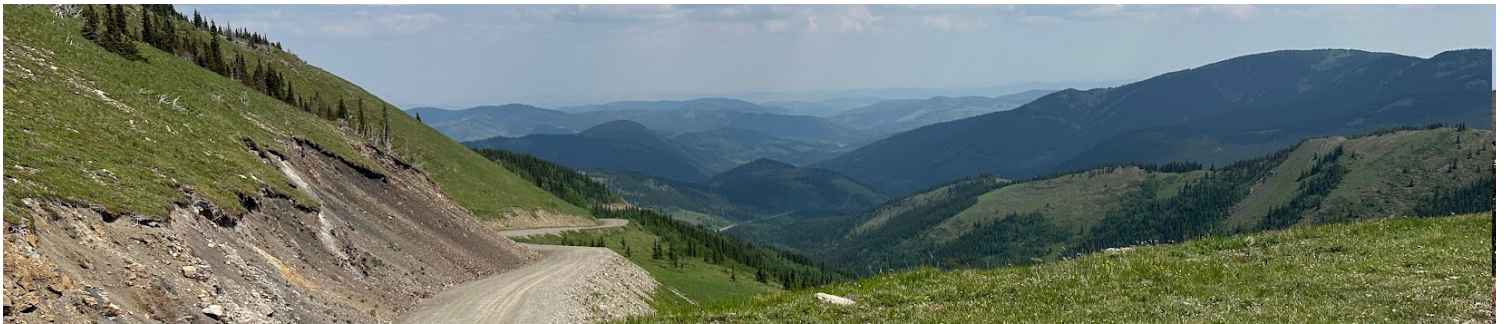


MD OF RANCHLAND

AG BULLETIN

News, updates, and information for our community.



SOIL EROSION ALONG STREAMBANKS

Large areas of bare soil on steep banks, downed trees with exposed roots on shorelines, excessive deposits of sediment and very wide shallow areas in a stream can indicate instances of shoreline erosion. Exposed soil surfaces from runoff as well as human and livestock activity lack structural integrity and are more susceptible to decay. Streambank erosion can cause sediment suspension and accumulation in water. This can clog streams, block drainages and change the shoreline of the water way. Suspended sediment increases water temperature and reduces oxygen content. The cloudy nature of water high in suspended particles obstructs sunlight penetration, reducing the photosynthesis of aquatic plants.

Mitigation strategies include reducing disturbance and recreational activities within 100 feet of the shoreline, promoting vegetation growth and redirecting runoff from impenetrable surfaces away from waterways.

If interested in discussing further, please contact Shayna at ag2@ranchland66.com or 403-646-3131.

GRANT TO APPLY FOR

<https://www.watertonbiosphere.com/projects/stewardship-species-risk/>

Stewardship of Species at Risk in Waterton Biosphere

Funding available to help with projects related to species at risk within the Waterton Biosphere. Projects include: Recovering Vulnerable Limber Pines, Supporting Northern Leopard Frog Reintroductions, Building Resilience for Bats and Trumpeter Swan Stewardship. If interested, contact Shayna at 403-646-3131 or ag2@ranchland66.com.



WEED TO WATCH

Creeping Bell Flower

Campanula rapunculoides

ID characteristics: stems upright and purplish, lower leaves heart-shaped with coarsely toothed margins. Flowers light purple, occurring along one side of the stem and 5 united petals.



Photo Credit: Nicole Kimmel



Join AgSmart in Olds, AB, August 1 & 2 for a must-see educational expo focused on data and technology across the agriculture industry. The unique expo format brings the conference outdoors, showcasing why it makes sense to invest in equipment and technology to capture data and how to implement that data to increase productivity and profitability for farm operations.

To purchase tickets visit: <https://agsmartolds.ca/>

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If you would like to contribute to this bulletin by writing an article, submitting a photo to be featured, recommending an organization, noxious weed, or grant, or any other suggestions, please send an email to ag2@ranchland66.com with the subject line "Bulletin". Thanks for reading and I look forward to your feedback!

ORGANIZATION HIGHLIGHT

Invasive Species Center



<https://www.invasivespeciescentre.ca/about-us/>

The Invasive Species Centre prevents the introduction and spread of high-risk invasive species in Canada by connecting stakeholders with knowledge and technology. Incorporated as a non-for-profit in 2011, the Invasive Species Centre is a hub for collaboration and knowledge sharing. The Centre is a respected partner and leader in invasive species science, education, and action.

