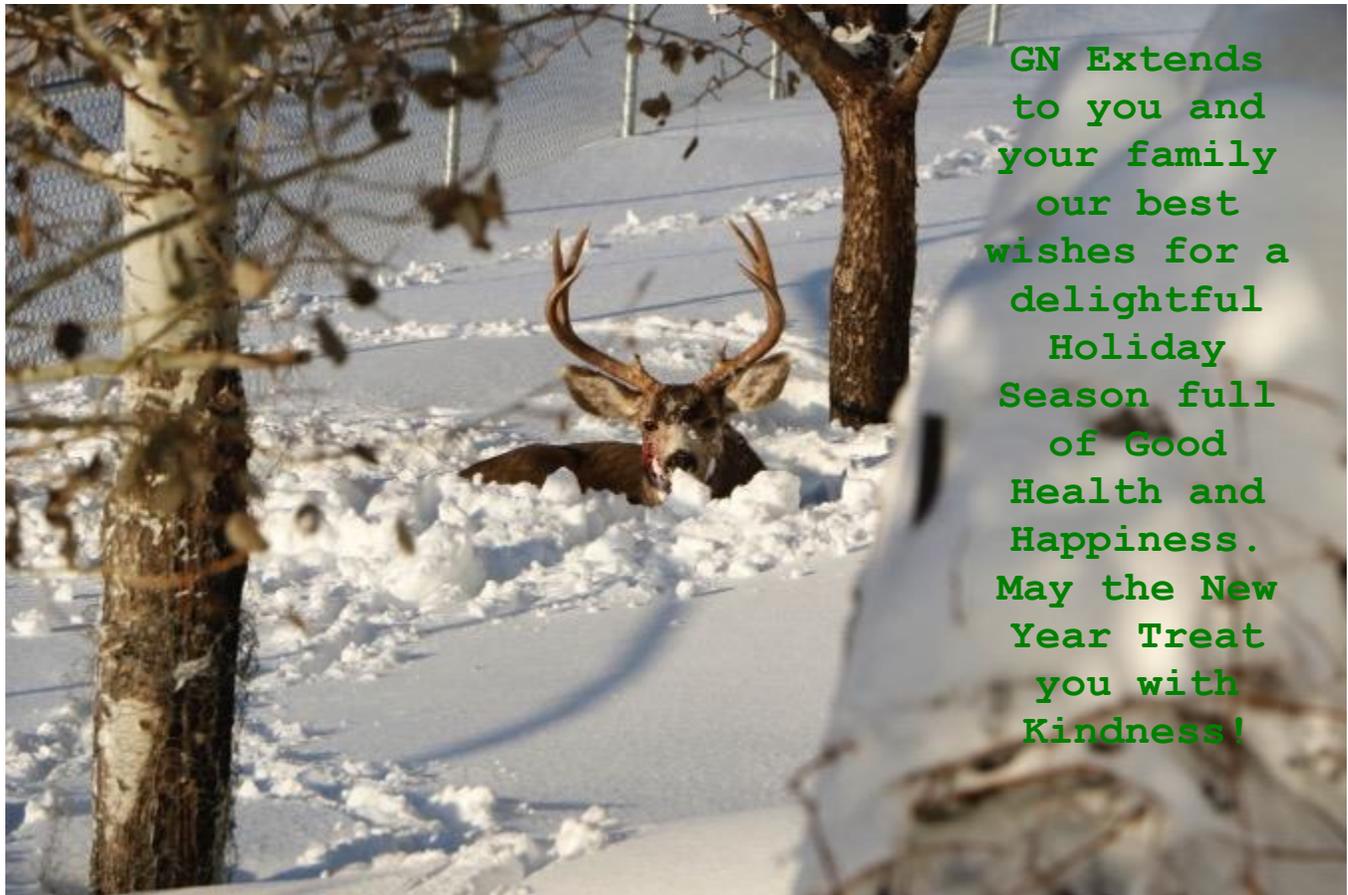


THE SAGEBRUSH CHRONICLE



GN Extends
to you and
your family
our best
wishes for a
delightful
Holiday
Season full
of Good
Health and
Happiness.
May the New
Year Treat
you with
Kindness!

Nature Will Not be on Vacation!

There are a number of fun activities planned for December and early January including the Medicine Hat and Manyberries Christmas Bird Counts, Weekly Walks and a Variety of Interpretive Programs. Unfortunately the annual Potluck Dinner windup to the MH Christmas Bird Count cannot be held due to COVID restrictions. Details for the various programs can be found within this Issue of the Chronicle. Whether you participate in any of these programs or not, enjoy the many attributes that nature provides.

Executive and Board Members

President Phil Horch 403-529-5918
phil.horch@grasslands-naturalists.org
Vice-President Vacant
Secretary Martha Maudsley
Treasurer Angela Turner
angela.turner@grasslands-naturalists.org
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Directors at
Large Ian Turner
ian.turner@grasslands-naturalists.org
Linda Fisher
linda.fisher@grasslands-naturalists.org

MH Interpretive Program

(Managed by Grasslands Naturalists)
Based in Police Point Park Nature Centre
To contact the Nature Centre call the:
Nature Line at (403) 529-6225
Also find us on Facebook and Twitter
Policepointpark
The washrooms are open:
Each day from 08:00 AM to 8:30 PM

**The Nature Centre is open but please
observe the COVID restrictions:
Face Masks are Required!**

We would like to extend a Warm, Nature-Filled
Season's Greetings from all of us here in the
Nature Centre.

The Interpretive Program Staff

We are encouraging some early Christmas
Shopping in the Nature Shop!

Holiday Hours

Dec 24 & Dec 31 -- 9 AM to 3 PM

CLOSED Christmas Day & New Year's Day

The Sagebrush Chronicle is published ten times a year by
Grasslands Naturalists. **Submissions of writing and
artwork are welcomed but must be edited for
publication. Deadline: the 10th of each month.** If you
would like to advertise in the Chronicle, more information is
available from the editor. Submissions are to be sent to:
milton.spitzer@gmail.com (403-528-3120). Do not imbed
photos in articles but **do send** them separately.

The Society of Grasslands Naturalists encourages the study,
conservation and protection of all components of the natural
world. The Society provides educational opportunities, assists
in the collection and provision of species data, acts as
stewards of the environment, discusses environmental topics
and organizes member activities. The Society also manages
the Medicine Hat Interpretive Program.

General Meetings: 4th Tuesday (**suspended during
COVID**), Sept. - May **Board Meetings:** 1st Tuesday Sept. -
June

To join Grasslands Naturalists and/or send a tax-deductible
donation, write:

**Grasslands Naturalists
Box 2491
Medicine Hat, AB T1A 8G8**

Contact info: Nature Centre 529-6225

Annual Membership Dues: Angela Turner

Individuals	\$20
Families	\$25
Organizations	\$25

Donations to Grassland Naturalists and Interpretive Program
are another great way to support local nature and nature
education. Tax receipts are issued for all donations over \$10.
Your generosity is greatly appreciated!

EDITORIAL DISCLAIMER

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held responsible for any loss or damage to such articles.

GN Website:

www.grasslands-naturalists.org

GN Facebook:

<http://www.facebook.com/GrasslandsNaturalists/>

You must be a Facebook member to view most of it.

**Note: Programs Conducted by Interpretive
Staff are detailed in the Upcoming Events,
Field Trips and Announcements Section of
this Issue.**

Member's Corner

It is time to consider renewing your GN Membership for 2022. At the back of this Chronicle there is the membership renewal/waiver form. The form and dues (dues are detailed on page 2 of this issue) can be dropped off at the Nature Centre or can be mailed to **Grasslands Naturalists, Box 2491, Medicine Hat, AB, T1A 8G8**. You might also consider a gift membership for a friend or family member as a stocking stuffer.

Donations to Grasslands Naturalists are also much appreciated. Since GN is a non-profit group Tax Receipts will be issued for all donations over \$10. Donations are utilized to defray GN operations and program costs.

GN Past President, Mike O'Shea Is Remembered



Photos by Bob Frew and Donna Steele: Left to Right: Sweetgrass Hills Hike, Mike O'Shea, and Waterton Trip.

Many members of the Grasslands Naturalists Society were saddened to learn of the passing of Mike O'Shea on November 5 of this year in Spruce Grove, Alberta, his last place of residence. Mike was a long-time member of our society and served ably as President in 2004-5 and served again from 2008-2011. He also served as Vice-President 2002-3.

To many of us Mike was known first and foremost as a master birder. To go out in the field with him was an instant education. He knew birds both visually and aurally but he not only knew bird identification, he was a fountain of knowledge about their habits, behaviors, and status. Best of all he was a patient and caring teacher. Mike led countless field trips for GN and so many of us benefited from being informed by his passion and knowledge. But his abilities did not begin and end with birds for Mike was an educated biologist and anyone on his field trips was going to get an all-round education in nature. He knew most local wildflowers and plants, he was an amateur paleontologist and had quite a collection of fossils at home, and could speak intelligently about insects and butterflies.

Mike spent many hours with the committee that produced the Grasslands Naturalists "Southeastern Alberta Bird Checklist". When birding with him one couldn't help notice that he always carried a pencil and small notebook and would pause and record any unusual or interesting sighting. Those notebooks became a big help when the committee needed confirmed records of species occurrence at certain times and places. Later he was also a significant contributor to the development of GN's more recent publication, "Birding Trails of Southeastern Alberta".

Mike's professional career was as a science teacher and he was most recently employed at Eagle Butte High School where he was highly regarded by students. Mike started his teaching career in Lethbridge and over time taught in schools at Bindloss and Burdett. His wife Marie, who survives him, was also a teacher, and now lives in Spruce Grove, Alberta. They have two daughters.

Continued on next page

One of our fondest memories of Mike was learning of the time that he did a solo scale down the steep cliffs opposite Police Point Park. He suspected there was a Turkey Vulture nest in a small hollow 1/3 of the way below the top edge of the cliff. He was determined to confirm that vultures were breeding in the Medicine Hat area and much to his delight they were. On another occasion he and I along with British Army member Tim Cowley conducted a 24-hour birding big day starting at Waterton Park at midnight. Much to our surprise, Tim had come with 3 sets of military night vision goggles to assist with identification of night species. There the 3 of us were, wandering about Waterton in the middle of the night like navy seals on a mission. Every bird we saw looked green!

Mike was a devoted father, husband and naturalist. He was also a musician and played guitar for his church's worship team.

Our society was stronger and blessed by having Mike as a member and he will be remembered fondly by those of us who knew him well.

Submitted by Phil Horch

Upcoming Events, Field Trips and Announcements

(Note: All walks and field trips will be conducted under existing COVID-19 Rules. Presently masks are required indoors, and social distancing outdoors).

Christmas Bird Counts:

Sunday December 19: Medicine Hat Christmas Bird Count: Everyone welcome to participate. Contact Marty Drut (403-529-6225) for specifics and for assigned area or to accompany someone on their route.

Sunday January 2: Manyberries Christmas Bird Count: Meet at the Dunmore Road Tim Horton's, (at the Mall Parking Lot) at **08:00 AM**. We will drive in a convoy (no carpooling) from there. New participants are welcome! We will ensure that participants are able to see the great birds.

Call **Rob Gardner at 403-527-2052 to register or to get more information.**

Interpretive Program Events:

(Note: Registration is required for the following events. To register, get the time for the event(s), and location call 403 529-6225).

Tuesday December 14: Starry Night: Learn about the night sky.

Saturday December 18: Busy Little Beavers: Kids program for ages 5 to 10.

Saturday January 8: Winter Bird Watching 101: Learn about our winter birds. (If any GN birdwatchers would like to join us with their expertise and experience please call Justine at the Nature Centre)

Sunday January 16: Paint with Paintgirl: Keep your calendar free for an afternoon of painting with paintgirl, Christy at the Nature Centre.

Watch for the Young Artists'-Inspired by Nature-High School Art Display

GN Wednesday Walks:

Wednesday December 15 at 10:00 AM: Historical Homes: Walk along 1st Street SE from Division Avenue with Elaine Spitzer who will tell us about the history of the historical homes. Park on Division Avenue near the river.

Wednesday December 22 at 10:00 AM: Celebrate the Winter Solstice: Walk along the NE Riverside Trail starting at Parkview Close (west entrance to Police Point Park).

By then we are officially into winter, we should be able to enjoy Cross-Country Skiing either in Police Point Park when snow conditions permit, or we can go to Elkwater and ski on Spring Creek Trail starting at the parking lot 1km west of Hwy 41 (turn off to the Golf Course). Give John Slater a call and leave a message at 403-526-7003 or send email to jslater@telusplanet.net a day or two in advance. Also, if you would prefer to snowshoe, conditions are generally good for that activity too, so come out and enjoy the fresh air and social time together. Look forward to see you on the trail.

Cross-country skis and Snowshoes are available for rent at the Nature Centre. If anyone is new to the activities and they would like lessons or a refresher leave your information at the Nature Centre and John Slater or others would gladly give some instructions.

President's Report To GN Members: December 2021

As 2021 draws to an end we can look back with very mixed feelings. It is close to 2 years of living with the pandemic and all its restrictions, dislocations and even tragedies. Nonetheless, I believe we are all getting better at developing coping strategies and learning to carry on as best we can in spite of COVID. Can we see light at the end of the tunnel? Here's hoping but nobody can say for sure.

It has been a challenge giving leadership to our society during this time. The lack of indoor programs has greatly reduced our opportunity to socialize and get to know other society members. Last month we finally held a zoom indoor program and about 28 members participated online. Rob and Corlaine Gardner gave a magnificent presentation of their experience living in Mauritius for 2 years where Rob was employed by the National Parks system. It was gratifying to finally have a meeting with GN members, albeit online only. The attendance was about equal to what we would normally have at the Nature Center. Thanks to GN Board Member, Ian Turner, for arranging the technical aspects of this zoom event which worked very well.

For December our main activity will be the Christmas Bird Count which I urge all members to participate in. See details elsewhere in this edition of the Chronicle. For January the Board has decided to conduct another zoom indoor program with nationally-known naturalist Chris Wallis as our guest speaker. Watch for details in the January Chronicle Edition.

Opportunities For You – One way to get to know other members of our society and become more closely connected to society activities is to volunteer. I have been a member of a Naturalist Society all my adult life. I started as a member of the Manitoba Naturalist Society in the 1960's when I was 20 years old, then joined GN shortly after we moved to Medicine Hat in 1982 and even when we spent six winters living in Arizona, there we became members of the Tucson Audubon Society. Some of my life's richest and most enjoyable experiences grew out of the events and relationships that developed during my involvement in volunteer activities in these organizations. Right now we can use and welcome your involvements in any of these areas:

- Participate in a GN booth at the Spring Trade Show on March 4-6 – Up to 8 volunteers needed. Here's a chance to recruit new GN members.
- Chair our Communications Committee – We will train you
- GN Board Member – 1 Vacancy to be filled
- Vice-President of GN – Work closely with me!
- GN Representative to Nature Alberta
- Join any GN Committee as a committee member – Good way to start.
- Be a Casino Volunteer – February 26-27 – Raises funds for our society.

I hope to hear from some of you!

GN is a Registered Charity – Maybe you didn't know or you forgot that GN is a registered charity and welcomes your donations at any time of the year. If you're looking for a place to boost your charitable donations before the end of the year, remember GN. Our Treasurer, Angela Turner, will happily issue to you a tax receipt for any amount you wish to contribute. Recently I learned that the Red Deer Naturalist Society received an estate bequest in the amount of \$500,000 from one of their members. This has enabled that society to set up a foundation which will help fund many society initiatives for years to come. Something you may want to consider for Grasslands Naturalists when dealing with your own estate planning.

Happy Holidays, Merry Christmas and Happy New Year – On behalf of the Board of Directors of Grasslands Naturalists we would like to extend to you the warmest and sincerest season's greetings. It is our hope that you and yours will have a safe and enjoyable celebration whether you are here at home or travelling to be with loved ones. May the new year be filled with hope, love, fantastic "green" experiences and freedom from COVID.

Submitted by
Phil Horch,
President

Exciting Sightings by Bob Frew

November is a slow birding month; however bird numbers and species diversity usually improve in time for the Christmas Bird Count. Anticipated sightings include “winter finches” moving south from their summer ranges, which are likely to show up at local bird feeders. There is always the chance of a rarity showing up. Exciting sightings reported in November and early December including the following:

Scoters- Phil and Annalora Horch reported a group of 5 scoters at Murray Lake on November 10th. The group included both **Surf Scoters** and **Black Scoters**, and appeared to be females and/or juveniles. These sea duck species breed in the far north, and migrate to and from their coastal wintering grounds. The Surf Scoter is a rare breeder in Alberta, with northern parts of the province being the southern limit of its breeding range. The Black Scoter is considered a vagrant in the province. The third member of the scoter trio is the White-winged Scoter which local birders usually see at Elkwater Lake in the Cypress Hills in summer.

Common Redpoll- Dan Schiebelbein reported a flock of ~30 Common Redpolls while birding at the Ross Creek Nature Conservation Site, located on the north side of HWY 1 east of the city, on November 24th. Flocks of this irruptive migrant are often detected by their noisy trills and twittering songs. On December 10th, Corlaine Garner observed 3 Redpolls feeding on seeds from wild sunflowers at the pollinator patch in the Nature Centre parking lot.

Snow Bunting- A flock of ~60 Snow Buntings was reported by Dan Schiebelbein at Cavan Lake on November 24th. These winter visitors often travel in huge flocks often in the company of Lapland Longspurs and Horned Larks. Snow Buntings can be identified by their black and white wings.

Townsend’s Solitaire- Barry and Judy Anderson had 2 Solitaires, at a bird bath in their Ross Glen yard on the morning of November 29th, and then later that afternoon observed an additional 5 Solitaires in their Ross Glen neighbourhood. Solitaires have also been coming to a heated bird bath in Dan Schiebelbein’s yard in N.E. Crescent Heights. This thrush species is gray overall, with a white eye ring, buffy patches on the wing, and white outer tail feathers. The Solitaire has the habit of perching upright, giving it a slender appearance, which helps distinguish it from other thrushes. This species inhabits coniferous forests in our mountain regions, and in winter migrates south to lower elevations. These numerous Solitaire sightings are remarkable.



Photo by Dan Schiebelbein dansnaturephotography.com

Snowy Owl- The first report of this iconic arctic owl, this fall/winter was received from Dan Schiebelbein. The sighting was made on December 2nd, west of RGE Rd. 73, and south of TWP Rd. 120. In recent years this area between the Holsom Rd. and HWY 3, has proven to be a reliable place to see Snowy Owls at this time of year.

White-breasted Nuthatch- The male of this species has a black cap and nape, and an all-white face and breast, with a variable rust wash below. It has bluish upper parts. Its repetitive nasal “yank” is distinctive. The lack of a black eye stripe distinguishes it from the Red-breasted Nuthatch. Barry and Judy Anderson reported a single nuthatch on a Ross Glen trail on December 3rd, and another in their Ross Glen yard on December 5th. Since the species is rare, local, sightings can be unpredictable.

Continued on next page

Sora- the most common of our rail species is found in freshwater marshes and other wetland habitats. Although it is the least secretive of the rails, it is more often heard than seen. Its presence is usually detected by following its distinctive “whinney” call. Soras arrive in Alberta in late April, and depart by mid-September. Dan Schiebelbein reported a very late Sora on the slough on the east side of RGE Rd. 75 near Murray Lake on November 11th.

Song Sparrow- Milt Spitzer reported a very late Song Sparrow in Kin Coulee, near the entrance to the HWY 1 pedestrian tunnel. It was first sighted on November 24th, and again on December 2nd. The Song Sparrow is distinguished from other sparrows by its large size, long rounded tail, and heavily streaked under parts. This sparrow species usually leaves the province by mid-October. Hopefully it will still be around for the CBC.

Please report your exciting sightings to Bob Frew: phone 403-526-4573, or e-mail: robert.frew@shaw.ca .

Member Night

I'm wondering if members might be interested in a new, (for us), idea for the General Meeting speakers – having 5 to 8 members each speaking on a topic of their choice for 7-10 minutes maximum. Phil says this was done in his Winnipeg naturalist group and was by far the most favourite program of its members. If you would like to participate please contact me at linda.fisher@grasslands-naturalists.org If there is enough interest then we will have a Member Night when we can all meet together in person at the Police Point Nature Centre for our General meetings.

Owls in the Neighbourhood



Northern Saw-whet Owl ^

In mid November this tiny owl crashed into a window at Mike Steiner's home in the SE of the City. It was delivered to The Birds of Prey Centre where it seems to be doing very well.



<Snowy Owl

One of three seen by Dan Schiebelbein this week SW of the City.



<Great Horned Owl

This owl was hiding in a spruce tree in Echo Dale Regional Park in Dec.

Engie Canada Inc. Buffalo Trail Wind Farm Project – Summary by Gerry Ehlert

In January of 2020, a GN working team (John Slater, Bob Townsend, and Gerry Ehlert) approached Engie Canada Inc. regarding their proposed Buffalo Trail Wind Farm Project. Engie Canada Inc. proposed the development of 96 large wind turbines to be located on lands southeast of Dunmore, Alberta and west of Hwy. 41. GN was concerned about the impact of this wind farm on the environment and wildlife.

From January, 2020 to November, 2021 GN discussed with Engie a number of concerns regarding the wind farm's impacts to native grasslands, riparian areas, and wildlife, in particular birds and endangered species. GN discussions with Engie led to a conference call, and a number of back and forth letters and replies. For more detail, see our GN website.

In summary, Engie and their project manager and consultants put in a lot of effort to keep our GN working group informed about the wind farm project. Our concerns regarding constructing wind turbines on native grasslands for the most part were addressed. No native grasslands will have turbines constructed on them, only cultivated land. The number of wind turbines has been reduced to 67 proposed turbines, 41 are located in cultivated areas, 12 within hayland, 8 within tame grassland, and 6 in modified grassland. No turbines are located in native grassland.

There will be some cabling disturbance on some native grasslands to provide the needed electrical connections to each turbine. However, the kilo meters of proposed cabling has been reduced (14km to 8km of which 1.3 km of which will be bored). The cabling will be done using the minimum disturbance plough-in method and reclamation will use ecological methods and monitoring. Engie addressed a number of our concerns regarding the monitoring of migratory birds during the April to October period. However, our concerns about the impacts to migratory birds in the winter were not addressed as govt regulations and standards do not require that they do.

The wind farm project for the most part will be constructed on only private cultivated land and tame pasture. No Crown land is involved in this project.

We had a few outstanding GN questions about tame pasture land that could be sites for turbine construction. GN felt that some of the assessed tame pastures may be actually modified native pastures. They are using a satisfactory assessment tool to make this decision, however, some modified native grasslands may fall into the decision crack that they are tame pastures. You can see Engie's reply to our related questions in the detail on GN website.

Regarding wildlife, and in particularly birds and endangered species. Engie is following all the required federal and provincial laws, regulations, standards, and including a detailed pre and post monitoring program to ensure wildlife are not negatively impacted. We continued to raise concerns about why there is no monitoring done in the winter regarding migratory birds that stay in the Dunmore area.

In October 2021, GN sent a follow up GN's final comments and recommendations to Engie who sent us back a November 2021 reply letter. You can see our Oct. questions and Engie's Nov. 19 reply on our GN website.

Working Group Comments

Our working group thanks David Gue for his editorial help in drafting our GN letters to Engie. Our thanks to Engie and their staff and consultants who listened to our concerns and provided us with their reasoning and decisions. Did we make a difference in influencing Engie's plans to develop a wind farm south of Dunmore? We would like to think yes we did and in particular letting industry know we care about what is happening to our environment, reinforced that no Crown or private land native grasslands be used for constructing wind turbines, except for necessary cabling which requires ecological risk analysis, minimum disturbance, and native grassland reclamation methods. We were disappointed we did not get Engie to include winter monitoring of migratory birds in the wind farm area, however, Engie did provide their reasoning. Engie does have a lot of responsibility for monitoring the impacts of the wind farm project on wildlife as you can see in their Nov. 2021 # 3 response. We think Engie's response to our Oct. 2021 # 4 concern was interesting and responsible. Regarding our ask in our Oct. 2021 #5 comment for Engie to invite us to a grass roots tour of the wind farm project in operation, we think they provided us with a positive response. This informs us that they are responsible after the construction, during the operation, and in areas of decommissioning, etc. That is walking the talk. Time and actions will tell. We plan on continuing this discussion, for example perhaps discuss with Alberta Fish & Wildlife about winter monitoring of migratory birds, and recommendations to build more rigour into the modified native grassland/tame pasture assessment data and questions.



Society of Grasslands Naturalists
Box 2491, Medicine Hat, Alberta T1A 8G8



Membership Form for 2022

Name* _____ Name of 2nd Family Member ** _____

Address* _____ Membership: Individual \$20/year _____

City / Province* _____ Family \$25/year _____

Postal Code* _____ Organization \$25/year _____

Telephone+ _____ Donation _____ Tax Receipt Available

Email++ _____ **Total Enclosed** _____

Preference for receiving Chronicle newsletter*:

Post or Email or Neither

Payments can be made by cheque, cash or using e-Transfer at memberships@grasslands-naturalists.org

*Current and recent Chronicles can be viewed and downloaded from the Grasslands Naturalists website www.grasslands-naturalists.org. **Regardless of payment option used, a signed membership form must be filled out and submitted.***

* Required information. ** Required information for family membership.

+ Optional Information. For phone number(s), please note whether it is a residence, cell phone or business number.

++ Information required if you wish to receive the Chronicle and announcements by email.

Informed Consent for Field Trips

I may wish to participate in field trips and events organized by the Society of Grasslands Naturalists.

I affirm that, as a participant, I and my child(ren)/ward(s) are prepared to stay with the group and follow the directions of the coordinator and activity leader. I affirm that, knowing my personal state of health, I feel that I am mentally and physically capable of participating in the trips and events that I choose to attend.

I acknowledge that I am aware of the inherent risks, hazards, and dangers associated with activities arising from my participation in trips, events, litter cleanups, invasive species removal or any other activity that may result in injury, sickness or death to me or my child(ren)/ward(s). Some of these risks may be specific to the area. These include, but are not limited to, animal attacks as well as poisonous snakes, insects and vegetation. Therefore, in consideration of my participation in these trips and events, for myself, my heirs, my executors, my administrators, and my successors, I voluntarily assume all risks and hereby waive all my rights against Grasslands Naturalists and unconditionally release and discharge the Grasslands Naturalists, its members, directors, officers, its affairs and its coordinators from all manner of activities, causes of action, suits, claims and demands for damages due to personal injury, sickness, death, loss or damage to property, expenses or otherwise which may or shall arise in any way as a result of my participation in the above trips and events.

Signature of Member

Signature of 2nd Family Member

Date: _____

Date: _____



Society of Grasslands Naturalists
 Box 2491, Medicine Hat, Alberta T1A 8G8



Consent Form

Consent to the Use and Distribution of Personal Information

Grasslands Naturalists (GN) collects personal information subject to the '*Personal Information Protection Act*' (PIPA). GN may, subject to your consent, wish to make some personal information public through, for example, its Chronicle, Website, Facebook page or newspaper article. Please indicate your consent to the following release of information and note any specific exclusion of a consent such as for children.

	Yes	No	Exclusion
Name	<input type="checkbox"/>	<input type="checkbox"/>	_____
Residence telephone	<input type="checkbox"/>	<input type="checkbox"/>	_____
Cell phone	<input type="checkbox"/>	<input type="checkbox"/>	_____
Business phone	<input type="checkbox"/>	<input type="checkbox"/>	_____
Email address	<input type="checkbox"/>	<input type="checkbox"/>	_____
Residence address	<input type="checkbox"/>	<input type="checkbox"/>	_____
Pictures	<input type="checkbox"/>	<input type="checkbox"/>	_____

Beyond the above consents, GN will not distribute personal information to a third party without your consent unless such information is required, by law, to be released to a federal or provincial government agency in order, for example, to maintain GN's non-profit organization status.

Consent to Receive Emails Related to Commercial Activities

GN may wish to send you emails to promote some of its commercial activities including those provided by its *Club* and *Interpretive Program*. Please indicate your consent to receiving such information. Yes No

Modification of Consents

You may modify any of the above consents, at any time, through a written request to the member of the GN Executive responsible for Memberships.

 Signature of Member

 Signature of 2nd Family Member

Date: _____

Date: _____