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Welcome to the Tucson Garden Railway Society

It is our good fortune to live in an area that provides a marvelous climate, one that is conducive to enjoying garden railroading year 'round. Our members have taken advantage of that to develop some of the best garden railways in the hobby, and, further, we are very willing to lend a hand to those who join our Society. The range of our knowledge and experience is very broad, and our willingness to share with others is gratifying.

In addition to enjoying the benefits of joining others in the hobby, our organization is dedicated to community education of both the hobby and railroading history. There are a number of activities in which we participate throughout the year - none strenuous, and all thoroughly enjoyable. As a member, you are expected to participate in our activities, as they are an important part of our community involvement.

Activities include modular layout displays at the Pima County Fair, VA Hospital and typically one Home Show a year. Our children's layout is used not only at the fair, but at 2-3 Gadsden Pacific swap meets during the year and special activities, including the Tucson Children's Festival. Completed projects include the Tucson Children's Museum, Diamond Children's Hospital and Tucson Botanical Gardens. We are currently in the planning stage of other community projects.

So, whether you are new to the hobby, or an old hand who would like to associate with other folks who enjoy the hobby, this is a great group to be part of. Come to our meetings, get to know us, and let us get to know you.

In the meantime, contact me, or any of the folks listed in the enclosed roster, and we will be glad to assist you in any way we can. We look forward to seeing you at our next meeting, and again, welcome aboard!

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Club Officers and Directors

The Officers and Directors of TGRS are elected for two year terms every other spring.

The current elected Officers, who are all Directors, are:

President	Dennis Mahar	6219 E. Diablo Sunrise RD. 85756	760 519-2207
Vice-President	John Fennema	7594 W. Talavera Way 85743	520 909-2650
Secretary	Sue Averill	62066 E. Amberwood Dr. 85739	520 818-2698
	Peggy Martin	4625 E. Cerro de Aguila 85718	520 299-7428
Treasurer	Margaret Torres Nelson	454 E. Cedarvale Rd. 85704	317 903-9115
Editor	Claudia Nelson	454 E. Cedarvale Rd. 85704	520 293-6234

The “Members at Large” of the Board of Directors are:

Jim Miller	8132 E. Baker Dr. 85710	520 886-7611
Bob Averill	62066 E. Amberwood Dr. 85739	520 818-2698
Gary Martin	4625 E. Cerro de Aguila 85718	520 299-7428
Charlie Weesner	11330 E. Concho Circle 85749	520 990-0927

The Webmaster is:

Jerry Tulino	6911 E. Baker St. 85710	520 885-7543
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The Chief Engineer” is:

Vacant

The Committee Chairmen are:

Awards	John Fennems	7594 W. Talavera Way 85743	520 909-2650
Education	Peggy Martin	4625 E. Cerro de Aguila 85718	520 299-7428
Historian	Valerie Golembiewski	6668 S. Hidden Flower Way 85756	520 296-6994
Maintenance	Gary Martin	4625 E. Cerro de Aguila 85718	520 299-7428
Membership	Jerry Tulino	6911 E. Baker St. 85710	520 885-7543
Mentor	Bob Averill	62066 E. Amberwood Dr. 85739	520 818-2698
Publicity	Ken Karrels	3930 Smokey Topaz 85749	520 749-5345
Social	Chuck Cook	7470 Thornwood Dr. 85741	520 797-1066

Frequently Asked Questions

What is a garden railroad?

A garden railroad may be a railroad running through a landscape that emphasizes the plants, or it may be a simulation of a place with the emphasis on buildings, people, etc. It can authentically display a given place or period of time in railroad history, it could be whimsical demonstrating your imagination or a combination of both. Individuals may “scratch build” items, assemble kits, “kit-bash” them (take a commercial product and modify it to suit your own needs) or purchase items and use them “as is.”

Layouts can be powered by track power, battery power, radio control, or live steam. Because we live in the desert, TGRS stresses low water usage.

How much space do I need?

You can build a garden railroad in a townhouse courtyard or on a large lot. Some members have also built a layout suspended from the ceiling in a room of their house.

How much do the models cost?

A starter set may be purchased for as little as \$170.00. From there, the costs go up to as much as you want to spend. The largest investments are in track and locomotives. Costs of buildings and landscaping are largely dictated by personal tastes.

Where can I find the supplies that I need?

Hobby Shops that carry Garden Railway supplies are hard to find in Tucson. The Ace Hardware Store on 22nd St. at Kolb Rd. has a section called The Hobby Place which carries some Garden Railway supplies.

Many of our members also obtain supplies from mail order businesses. Our own web site also offers links to several manufacturers and suppliers of all types of products.

What is the Tucson Garden Railway Society?

TGRS is a club dedicated to modeling large scale railroads. We have about 100 family members, not all of whom have garden railroads. TGRS is a 501(C)(3) nonprofit corporation.

What is its purpose?

The purpose of TGRS is to educate the public about large scale model railroading. This includes, but is not limited to demonstrating,, building and operating large scale layouts. It also includes conducting classes or seminars and provides displays at non TGRS functions such as Home shows and the Pima County Fair. Each spring we hold the Rails in the Garden Tour of eight of our members' layouts.

How much does it cost to join?

Annual dues are \$30.00, include 2 name badges and are due on July 1 each year. New members joining July thru December are charged prorated dues (\$2.50/month) thru the end of the fiscal year (June 30). New members joining January thru May are charged prorated dues (\$2.50/month) thru the end of the fiscal year (June 30) plus the full annual membership dues for the following year.

When and where do we meet?

The club meets monthly on Saturdays at members' homes, except for December when we have our annual holiday luncheon. Other exceptions are months, such as April when we have a large display during the Pima County Fair and in June and January when we display at the Home show.

What's in it for me?

The question should be, "What's in it for us?" Garden railroading is a family hobby. Active in our club are whole families - Husbands and wives and their children. Because a garden railroad involves gardening, a railroad, buildings, scenes, people, etc. more than one person can contribute. Garden Railroading can

involve many different facets.

Where do I find information about garden railroading?

Here are a few sources . . .

BOOKS

Beginner's guide to Large Scale Model Railroading

Mark Horovitz and Russell Larson

Greenberg Books

Kalmbach Publishing Co.

21027 Crossroads Circle

Waukesha, WI 53187-0986

The Large Scale Model Railroading Handbook

Robert Schleicher

Chilton Book Co.

Radnor, PA

MAGAZINES

Finescale Railroader

Published semiannually by Westlake Publishing Co.

Westlake Village, CA 91361

Narrow Gauge and Short Line Gazette

Published bimonthly by Benchmark Publications, Inc.

800 W. El Camino Real, Suite 180

Mountain View, CA 94040

Scale and Gauge

One of the first questions that usually comes up when someone gets involved in garden railroading is “What is G Gauge?”. To answer this we have to discuss both gauge and scale.

Gauge refers to the distance between the rails on any railroad. Almost all of the full size North American railroads today are built to what is called standard gauge, 4' 8" & 1/2" between the rails. At one time many narrow gauge railroads existed in North America. In the U.S. there were several different narrow gauges, 3' and 2' having been the most popular. In Europe meter gauge, which is slightly larger than 3 foot gauge was a popular narrow gauge.

The answer, then, to the first part of the question “What is G gauge?” is that it is 45 millimeters between the rails. All G gauge equipment will run on the same track.

Scale, however is a more complex issue in our hobby, largely for historical reasons. Scale is the ratio between the dimensions of the model and the real life thing you are modeling. Different manufacturers have adopted different scales for use on G gauge track. LGB, a German company that popularized the garden railroading hobby generally uses a scale of 1:22.5. This ratio means that for every 22.5 feet of a locomotive, or car, or even of a house, the model will be 1 foot long. Said another way every inch on the model represents 22.5 inches on the prototype.

Many people found that measure to be awkward to use in modeling and adopted a ‘nearly the same’ ratio of 1:24. In this scale every model inch represents 24 inches of the real thing. This was a fast and easy scale and has many adherents including Delton, a company that used to use this scale for all of its models.

Other people took the prototype dimension of 3 feet between the rails and divided it by 45 millimeters and found that to correctly represent a 3 foot railroad a scale of 1:20.3 was required. Bachmann and Accucraft (rather expensive) have recently begun offering models in this scale. Still others wanted to model standard gauge and divided the 4' 8.5" prototype by 45 mm and came to the conclusion that 1:32 was the correct ratio. MTH is beginning to bring out some models in this scale and Aristocraft has produced models in a ‘nearly the same’ 1:29 scale for some years.

The rather confused situation was further compounded by variations caused by manufacturers failing to reflect exact prototype measurements on their models and by their desire to reach the broadest market. The desire for wider markets led to painting locomotives and rolling stock of both standard gauge and narrow gauge prototypes with lettering of both standard and narrow gauge railroads.

If this all seems very confusing, it is to modelers who worry about exact scale representation of a certain prototype. Most of us, however, just prefer to run trains and enjoy them.

Further, since real life narrow gauge equipment was generally smaller than real life standard gauge equipment the difference in scales works to shrink the standard gauge cars and grow the narrow gauge cars to the point that they can be mixed in a single train. Purists will cavil at the idea, but many of us regularly run 1:29 standard gauge cars in the same train with 1:24 and 1:22.5. Further

the 1:29 cars may have come from the manufacturer lettered for a narrow gauge railroad while the 1:22.5 and 1:24 cars may have been lettered for a standard gauge railroad.

Whimsy vs Reality

As with so many other aspects of our model railroads there is no absolute best way to design and run your railroad.

Some modelers strive to recreate reality. Obviously no one can model a real railroad completely. Even if you picked some short industrial line with, say, only 14 miles of track you would need over a half mile to model it in the popular 1:24 scale. Similarly a relatively small house with say a 60 or 75 foot frontage would require a 2.5' to over 3' model, way too much for the space available on most of our railroads.

Some model railroaders try to create the impression of a few points and scenes on a given railroad and ignore the distance between them. Others strive for a flavor that suggests (or represents) the real railroad world without trying to model a specific scene or building. One of the advantages of this approach is that you can use commercial kits to create your railroad scene without having to modify them. You can, with a bit of care, also mix scale sizes without destroying the illusion of having a 'real' railroad in your yard.

There is yet another choice. Many railroaders recognize that they are using models and prefer to create a pleasant scene without relation to anything in the real world. These can be as simple as laying the track in your garden without regard to the size of the plants to a whimsical railroad without any connection to the real world. Several of our members have taken this route and created outstanding layouts.

Marty Hart has castles, cartoon figures and play mobile accessories all over her wonderful layout. She regularly holds open houses that please and delight school children and their instructors with plenty of moving trains and dozens and dozens of wonderful miniature scenes. Winnie and Neil Mosely have a layout with homes and shops represented by porcelain Christmas buildings, Castles built of pipes and tin roofs with cellophane windows and dragons of various sizes, colors and descriptions roaming the layout. It is a marvelous fantasy world that becomes even better at night when the lighted buildings form a backdrop for the busy trains.

The point, obviously, is that there is no one correct approach to garden railroading. You can construct precise models, create a real world flavor, or simply do whatever pleases you. Interesting and wonderful layouts can be created no matter what choices you decide to make.

Additional Resources

Mentor Program

TGRS provides a “Mentor Program” which is available to all members. The chairman of the Mentor Committee is a Board Member. The program is intended to provide assistance to any member who needs advice or information. Every club member can be assigned to an experienced member who can assist them with various phases of their garden railroad experience and help answer the many questions that may arise. It is not intended that the mentor members have answers to every question but it is expected that they will have enough experience to know which club member to contact for various topics. If you are interested in being a mentor, or if you would like the assistance of a mentor, please contact the Mentor Chairman or any other Board member.

Internet Web Site

TGRS maintains a presence on the Internet. Our web site contains a wealth of information, links to many resources, photos from most club members layouts, a fully detailed “calendar of events” and much more. The club web site is located at <http://tucsongrs.org>.

Electronic Mailing List

TGRS also maintains an e-mail mailing list that is limited to members only. Since all communication that is intended for every member is sent out thru this mailing list it is strongly suggested that all members subscribe to this list. If you are not currently on the mailing list, just send an email message that includes just your name to members-subscribe@tucsongrs.org. You will receive an acknowledgement that you have been subscribed and will then receive all emails sent to the club members. Also, you can send email to members@tucsongrs.org to reach all of the club members who are subscribers.

NOTE – All members, regardless of whether or not they are on the electronic mailing list, are included on our club roster.

Club History

The Tucson Garden Railway Society (TGRS) was begun in 1994 by Clint Watkins. Under his leadership a group of families interested in Garden Railroading began meeting in an east side park. After a bit, the group moved to the Fort Lowell Depot Restaurant. The first major function of the fledgling society was the construction of a fairly large Garden Railroad layout at the Southern Arizona Home Builder's Association (SAHBA) Home Show which was held that year at the Tucson Community Center (TCC).

It was about this time that we began to build a portable layout in sections or modules that could be set up and taken down more quickly and with less effort. Beginning with hollow core doors we built a modular layout designed to be set on tables for operation.

At the Great American Train Show (GATS) held at the TCC, we made a serendipitous discovery. When the tables we had been promised failed to materialize a member volunteered concrete blocks to be used as legs to hold the portable layout modules. As a result the layout was lowered to 18 inches off the floor. The response from children was fantastic since they could view the layout without being lifted up by their parents. That is why our modular layout is still only 18 inches off the floor today.

Clint moved to Colorado due to a job change and Vice-president Craig McGinnis filled the vacancy. The club continued to display layouts, to which scenery was gradually added, at the GATS and SAHBA Home Shows each year. The public exposure helped us to add new members on a regular basis.

When Craig retired and relocated to the San Diego area, Loyal Hart was elected to lead the club. It was under Loyal's leadership that the club decided to retire the doors and build modules that could be moved and set up more efficiently. The members built a number of 48" by 32" modules with foldable legs to maintain our 18" above the floor height. Each module carried track for both an inner and outer loop and provided a space for buildings, roads and other scenic effects. The new modules enabled the TGRS to build a layout of up to 60' by 32' for public shows.

With modules standardized at 48"x32" and the track height standardized at 18" one of our members built a canyon module with bridges carrying the track above the chasm. This was followed by mine modules with the mine shaft above track level and entering into Styrofoam 'mountains' These modules are still in use today.

After several successful terms Loyal retired from the presidency and Jon Anderson was elected as our fourth President. Under Jon's leadership the club developed a charter and by laws and incorporated as an Arizona not for profit entity. We also purchased a trailer and built wheeled "pie-racks" to enable rapid loading and unloading of the modules at our increasing number of shows and displays. The trailer and racks also allowed us to reduce the damage the modules suffered during loading and transport.

Gary Martin succeeded Jon Anderson as our fifth president. It was under Gary's leadership that new lightweight modules 48" x 16" were introduced. The lighter weight modules allowed us to

incorporate passing sidings and a smooth operating rail yard. The older heavier modules were relegated to serving as tables for improved scenery behind the tracks at our displays. We also had an operating lift bridge module made to allow handicapped access to the interior of the module displays. With the improved opportunities for scenery Nick Buchholz, who later became the club's sixth president, designed and built an operating trolley line with a car shuttling from the 'town' to a 'park'. Other members have also built scenery for the modular layout which has won prizes at various shows and displays.

The flexibility of the module concept allowed us to provide smaller modular layouts at the VA Hospital and at a local elementary school as part of a transportation study. The club worked with the Boys and Girls Clubs of Tucson to provide a display with trains that the children could operate and held a workshop where each participant was able to build and keep a simple railroad car. Each December the TGRS provides display railroads for elementary schools and for a church preschool. The club also participates in raising public awareness by constructing an operating garden railroad each holiday season at the Tucson Botanical Gardens and by setting up and operating a large modular layout for eleven days at the Pima County Fair.

All members are welcome to participate in all of the club activities. Typically these include monthly meetings held at various members' homes. This allows members to see each other's layouts and gain ideas for their own home layouts. There is also an annual holiday party held at the December meeting where inexpensive railroad related gifts are exchanged in a grab bag like game. From time to time the club also holds clinics or workshops on various aspects of garden railroading and participates with exchange visits with the garden railway clubs in Phoenix.

In July 2007 Norm Ulmer was elected as the club's seventh President. TGRS and Arizona Big Train Operators in Phoenix cosponsored the National Garden Railways Convention in Chandler, AZ in April 2008. It was an outstanding success thanks, in part, to the participation of our membership.

Effective August 14, 2007 the Club was granted 501(C)(3) tax exempt nonprofit status which means that contributions of money, equipment or services outside of regular meetings are tax deductible.

The Volunteer Recognition Program

The Board of Directors has adopted this policy concerning recognition of member's volunteer services:

Criteria:

Vests and pins will be awarded to those members, as approved by the Board of Directors, for consistent service at Society functions since 1995, including Swap Meets, Home Shows, County Fairs, Convention service, Civic Functions, Clinic conductor or as a Society Officer, Director or Committee Chairperson.. No person shall be awarded more than one vest, regardless of total work shifts served.

For those members who have opened their layouts for Rails in the Garden, a special patch will be awarded in addition to a vest. Past Presidents will be awarded gold "Conductor" pins. All other pin awards will be silver. Past Vice Presidents will be awarded "Engineer" pins. Past Secretaries, Treasurers, Newsletter Editors and Committee Chairmen will be awarded "Fireman" pins.

Officers, members of the Board and committee chairs will earn shift credits as follows: President and Vice President will earn three shift credits per meeting attended, up to ten meetings per year; Secretary, Treasurer, Newsletter Editor and Committee Chairmen, two shift credits per meeting attended up to ten meetings per year; At-Large members of the Board, Website Manager and visitors one shift credit per meeting attended, up to ten meetings per year.

Effective 1 January, 2012

Any member who volunteers and serves 50 shifts of work, either at a function set-up, running trains or manning the Society Table, or as specified in the "Criteria" section above, shall qualify for the award of a vest with Society patch. Further, in recognition of additional service, any member who volunteers and serves additional shifts of work shall be eligible for the award of a pin denoting this service - "Switchman" for 10 shifts, "Brakeman" for 20 shifts, (i.e., 10 shifts more than "Switchman") "Fireman" for 30 shifts, "Engineer" for 40 shifts and "Conductor" for 50 shifts.

Effective 1 January 2014

Once a member has served enough shifts to have earned all of the aforementioned awards, then that member becomes eligible for and is awarded the Golden Spike. Such Award includes a Golden Spike pin and a Certificate of Membership in the Order of the Golden Spike Society, recognizing his or her devotions to the furthering the goals of the Tucson Garden Railway Society through Volunteerism.

Performance Accounting and Control:

The Awards Chairman, serving at the discretion of the Vice President and the Board of Directors, will maintain a record of service for every member of the Society, according to the services the member has performed during the fiscal year. Based on this record, awards will be given out at the annual Christmas Party following the end of each

fiscal year

The “Calendar of Events” Program

This section describes some of the features of the calendar of events program. Although not every capability is described, you can click on anything without fear of “destroying” the calendar.

The initial screen that is displayed shows 4 weeks starting with the week before the current week:

Tucson Garden Railway Society

Monday December 2 2019 Log In

Options Year Month Week Day Upcoming 12.02.2019

November 2019 - December 2019

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
November 24	Nov 25	Nov 26	Nov 27	Nov 28	Nov 29	Nov 30
December 1	Dec 2	Dec 3	Dec 4 9:00AM - 12:00PM Luminaria Nights- Set up	Dec 5	Dec 6 4:30PM - 8:30PM Luminaria Nights	Dec 7 11:00AM - 2:00PM Christmas Luncheon 4:30PM - 8:30PM Luminaria Nights
Dec 8 4:30PM - 8:30PM Luminaria Nights	Dec 9	Dec 10	Dec 11	Dec 12	Dec 13 4:30PM - 8:30PM Luminaria Nights	Dec 14 4:30PM - 8:30PM Luminaria Nights
Dec 15 4:30PM - 8:30PM Luminaria Nights	Dec 16 10:00AM Luminaria Nights-Clean up	Dec 17	Dec 18	Dec 19 8:00AM - 2:00PM Polar Express Day	Dec 20	Dec 21 9:00AM - 4:00PM VA Layout - Setup

powered by LuxSoft

Tucson Garden Railway Society is a 501(c)(3) Non-Profit Organization.

You can change the display by selecting a display format from the top left part of the screen. This area is referred to as the “options bar”:

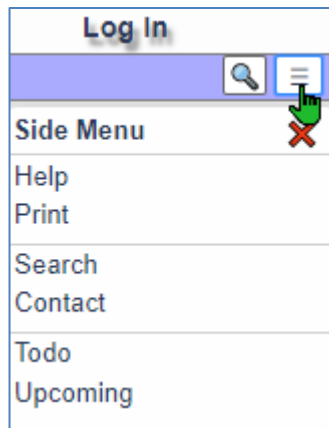


If you click on the calendar icon here you can select any date or “today”

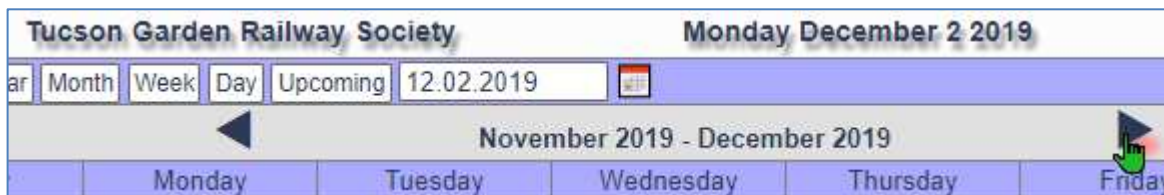


On the right side of the options bar is a small menu that provides several functions. Click on it to display the “drop down” menu. The first item listed provides access to the programs “Help” screens. Feel free to try out all of the options on this menu.

NOTE – The “Log In” option is for administration only. If you click on it you can click on the “Calendar” option that will be displayed to get back to the calendar.



Just below the “options bar” are the arrows that allow you to go forward or backward 3 weeks at a time:



The entry for each day includes the actual date, the start and stop time of any event and a brief description of the event:

Dec 7
11:00AM - 2:00PM
Christmas Luncheon
4:30PM - 8:30PM
Luminaria Nights

When you place your cursor over an event the details about it are displayed. This view also includes a link to a related web site and a link to the page to sign up to work at the event.

3	Dec 4	Dec 5	Dec 6	Dec
9:00AM - 12:00PM		4:30PM - 8:30PM	11:00AM - 2:00PM	
Luminaria Nights-Set up		Luminaria Nights	Christmas Luncheon	
9:00AM - 12:00PM Luminaria Nights-Set up Venue: Tucson Botanical Gardens Clean up the permanent layout and get the site ready for visitors Web site: tucsonbotanical.org/ SignUp: www.signupgenius.com/go/8050f4dafaf2aabfd0-luminaria				
0			4:30PM - 8:30PM	4:30PM - 8:30PM

When you click on an event the same information is displayed with the option to print the entry.

ⓘ Not secure | tucsongrs.org/luxcal/index.php

Event		Print	Help
Title:	Luminaria Nights-Set up		
Venue:	Tucson Botanical Gardens		
Description:	Clean up the permanent layout and get the site ready for visitors		
Web site:	tucsonbotanical.org/		
SignUp:	www.signupgenius.com/go/8050f4dafaf2aabfd0-luminaria		
<hr/>			
Date / time:	12.04.2019 @ 9:00AM - 12:00PM		
Close			

If you select the “Upcoming” display option the details about all upcoming events are displayed:

Tucson Garden Railway Society Monday December 2 2019 Log

Options Year Month Week Day Upcoming 12.02.2019

Upcoming Events

December 2 2019 - November 30 2020 Download

Wednesday December 4 2019

9:00AM - 12:00PM **Luminaria Nights-Set up**
 Venue: Tucson Botanical Gardens
 Clean up the permanent layout and get the site ready for visitors
 Link: tucsonbotanical.org/

Friday December 6 2019

4:30PM - 8:30PM **Luminaria Nights**
 Venue: Tucson Botanical Gardens
 Run trains and greet visitors. Promote Rails in the Garden.
 Link: tucsonbotanical.org/

Saturday December 7 2019

11:00AM - 2:00PM **Christmas Luncheon**
 Venue: 6865 N Thornydale Road Tucson, AZ 85741
 11:00am - BOD meeting 12:00pm - Luncheon & brief meeting, followed by gift exchange
 Link: [Link](#)

You can scroll down in this list to see all of the events displayed.

You can also click on the “Download” button on this screen to download a text file copy of the upcoming events. All of the information for each event is included in the file, for example...

Tucson Garden Railway Society

Upcoming Events December 3 2019 - December 1 2020

Wednesday December 4 2019

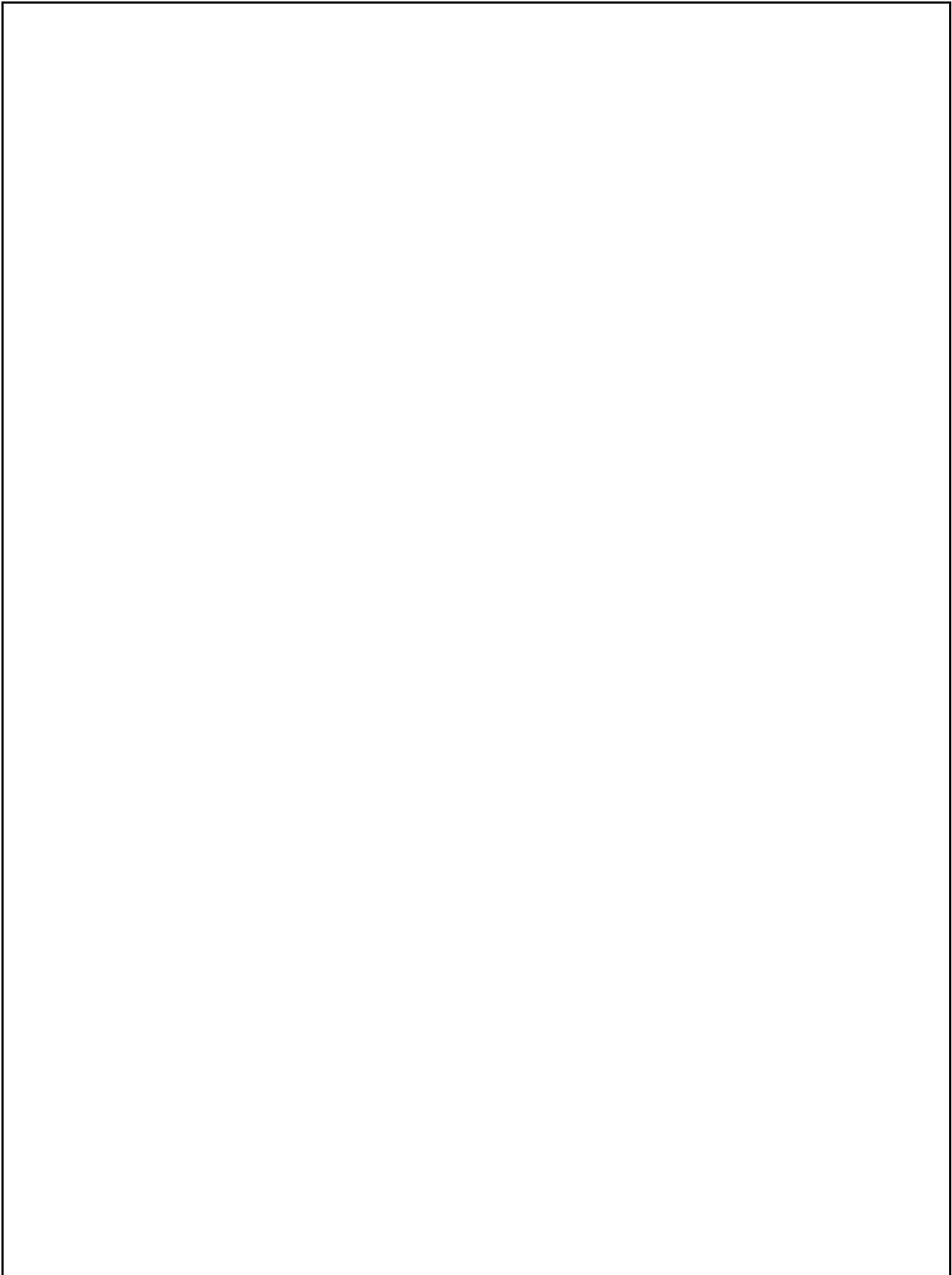
9:00AM - 12:00PM

Luminaria Nights-Set up

Venue: Tucson Botanical Gardens

Clean up the permanent layout and get the site ready for visitors

Link: tucsonbotanical.org/



Amended and restated BY-LAWS

Revised April 22, 2020

ARTICLE I

General Provisions The name of this organization is the Tucson Garden Railway Society, Incorporated (TGRS). The purpose of TGRS is to educate the public about large-scale model railroading. This includes, but is not limited to, demonstrating, building and operating large scale layouts. It also includes conducting classes or seminars and providing displays at non-TGRS functions.

Corporate Purpose and Place of Business The Society (TGRS) has been organized for the transaction of any and or all lawful business for which a 501(C)(3) non-profit corporation may be incorporated under the laws of the State of Arizona as they may be amended from time to time, and section 501(C)(3) of the Internal Revenue Code and it's regulations as such Section and regulations now exist or may hereafter be amended or under corresponding laws and regulations, and regulations that may hereafter be adopted. The specific purpose of TGRS and this corporation shall be to operate exclusively for charitable, educational and scientific purposes and specifically for educational purposes. To fulfill this purpose, TGRS will set up and display model railroads, including various industrial and residential buildings as part of the display at various venues in and around the City of Tucson and provide members of TGRS at the displays to explain how the model railroads and model buildings are constructed, and how the power that is used on the model makes the engines and display function. As part of these displays, TGRS will also have displays that explain the history of railroads and their role in the growth of America and Arizona, and explanations of steam powered engines versus diesel powered engines as well as the difference between narrow gauge railways and standard gauge railways and the historical reason for the use of narrow gauge railways. TGRS will also conduct demonstrations of model railroads and the history and use of railroads in the United States to school groups in the Tucson metropolitan area. TGRS shall not engage in any activity that would jeopardize its status or classification as a 501(C)(3) non-profit corporation, or operate in a manner that would permit it to be classified as a private foundation within the meaning of Section 509 of the Internal Revenue Code and regulations that now exist or may be hereinafter adopted. The place of business of TGRS shall be Tucson, Pima County, Arizona, and whose post office address shall be an officer or director of TGRS as from time to time will be determined by the Board of Directors of TGRS.

ARTICLE II

Officers The officers of TGRS are the President, Vice-President, Secretary, Treasurer, Newsletter Editor and Webmaster. Each officer shall serve a term of two fiscal years, assuming office on July first. An officer may resign from office by submitting a written resignation to the Secretary (or in the case of the Secretary, to the President). If an Officer position becomes vacant, the President may appoint a replacement officer at his/her discretion.

President - The duties of the President are to:

1. Conduct, manage and control the affairs of TGRS

2. Preside over all meetings of TGRS
3. Establish the time and place for all general meetings and board meetings of TGRS
4. Serve as the official spokesperson of TGRS
5. Activate the message tree when necessary
6. Appoint committees and/or administrators as required.
7. Perform any other duties voted to him/her by the general members
8. Fill, with approval of the Board of Directors, Board vacancies which occur between elections.

Vice President - The duties of the Vice-President are to:

1. Perform the duties of the President in the absence of the President
2. Establish programs for the education or entertainment of the general members at meetings
3. Schedule and coordinate activities at non-TGRS functions
4. Perform any other duties assigned to him/her by the President

Secretary - The duties of the Secretary shall be:

1. Maintain a roster of all members of TGRS including postal mail and e-mail addresses and telephone numbers. The Secretary may be assisted in this effort by a Membership Administrator appointed by the President.
2. Record and maintain the minutes of all meetings.
3. Maintain all awards, citations and history of the TGRS. The Secretary may be assisted in this effort by an historian appointed by the President.

Treasurer - The duties of the Treasurer are to:

1. Collect and keep account of all receipts of TGRS
2. Keep account of all expenditures of TGRS
3. Disburse all funds for TGRS in accordance with the Approval Policy established by the Board of Directors.
4. Submit all necessary business and tax forms
5. Accept donations of money made to TGRS
6. Make a financial report to the members at scheduled general meetings
7. Prepare an annual budget for TGRS
8. Make the books, accounts and supporting documents available for inspection upon request by any officers of TGRS
9. Consult with the board to establish a recommended dues structure for approval by the general membership

Newsletter Editor - The duties of the Newsletter Editor are to:

1. Publish and mail a monthly newsletter;
2. Solicit articles or advertising for the newsletter from members;
3. Inform all members of the time and place of all meetings established by the President;
4. Prepare news releases and interact with local newspapers, radio and television outlets to make the public aware of Society activities. In this effort, the Newsletter Editor will be assisted by a Publicity Coordinator appointed by the President.

Webmaster - The duties of the Webmaster are to:

1. Maintain the club's website including renewal of domain name (tucsongrs.org), renewal of host site, troubleshooting site issues, updating software on the web site and other any duties relating to the club's web site.

2. Maintenance of club roster and mailing list and troubleshooting email problems.

ARTICLE III

Board of Directors The Board of Directors (board) shall establish the general policies and procedures of TGRS. Any policy change which affects these by-laws shall be approved by the general membership. The Articles of Incorporation may be amended by the Board of Directors. The board shall also perform general planning for TGRS activities. The board shall be comprised of the elected officers, plus four members at large who are elected by the general membership at the same time the officers are elected. One of the at-large members shall be the outgoing President, unless that person declines.

Members at large may resign from the board by submitting a written resignation to the Secretary. Officers who resign their office are also resigning their board positions. If an at-large Board position becomes vacant, the President may appoint a replacement at-large board member at his/her discretion.

Board meetings shall be called by the President when sufficient cause exists to justify a meeting. Board meetings shall be held at a time and place determined by the President, but may be in conjunction with regular monthly meetings.

ARTICLE IV

Membership The TGRS is open to any individual 18 years old or older, and their immediate family members regardless of age. Application for initial membership is made by submitting an application form and appropriate fees. Membership shall be maintained so long as dues are kept current. Lifetime honorary memberships may be granted by a majority vote of the general membership. Any member may be expelled for cause upon agreement by a three-fourths vote of the members by secret ballot. No individual may be denied membership in TGRS by reason of his or her race, religion, creed or sexual orientation.

ARTICLE V

Dues The dues structure for TGRS shall be established by the board and approved by the general membership. Dues are to be paid annually in advance. Dues are payable after June 1st and become delinquent on July 31st.

Unless renewed, active membership may be terminated on the last day of the month following the month the dues are to be paid. A past due member may reactivate his/her membership by paying past dues.

A member may voluntarily deactivate his/her membership by notifying the Secretary. No dues will be refunded. A voluntarily deactivated member may reactivate his/her membership by paying dues for the current year in which he/she reactivates.

ARTICLE VI

General Meetings Meetings shall be held at a time and place determined by the President. The Editor shall notify the general members of the time and place of

meetings via newsletter. Meetings will normally be held monthly unless decided otherwise by the Board of Directors. All matters which require approval of the general membership shall be voted upon only at general meetings. Votes will be taken by a show of hands unless otherwise specified (i.e. secret ballot). A simple majority of the current membership present at a meeting shall constitute a quorum. Members under 16 years old must be accompanied by an adult at all TGRS activities.

The President shall conduct the meeting (or in his/her absence, the Vice-President). The meetings may be held in conjunction with social activities or other TGRS activities. The President may also request volunteers for ad hoc committees at meetings.

The President may request financial reports, other officer's reports or ad hoc committee reports at general meetings. Annual reports shall be given at general meetings by the Treasurer and Vice-President when scheduled by the President.

When entertainment or educational programs are scheduled for meeting by the Vice-President, he/she shall notify the Newsletter Editor in sufficient time for the general members to be notified in meeting announcements.

Special meetings of ad hoc committees may be held at such time and place the committee chairman may decide. The general membership need not be informed of ad hoc committee meetings. Participation in ad hoc committees by general members will be on a voluntary basis.

ARTICLE VII

Elections All officers and board members of TGRS shall be elected by a vote of the general membership. The President shall appoint an ad hoc nominating committee at the March general meeting of each odd numbered year. (If there is no March general meeting, then by March 12th.)

The nominating committee shall nominate, as a minimum, a sufficient number of candidates to fill all of the offices of TGRS. The nominating committee shall also nominate four at-large board members. The nominating committee shall solicit nominations and volunteers from the general members. All candidates must be active TGRS members.

A list of nominees shall be submitted to the general members in April. Nominations from the floor will be accepted during April and May inclusive of the May general meeting, and thereafter the nominations shall be closed.

A newsletter listing all nominated candidates shall be distributed prior to the May general meeting.

A vote of all active members present shall be taken for each office at the May general meeting. The candidate receiving the most votes assumes the office. In the event of a tie vote, a candidate will be selected by chance drawing.

ARTICLE VIII

TGRS Property TGRS may acquire property related to its purpose. A property custodian shall be appointed by the President. The property custodian will maintain a list of all TGRS property and keep a record of the physical location of all TGRS property.

It shall be the responsibility of individual members to notify the property custodian when they relinquish possession of TGRS property.

ARTICLE IX

Conflict of Interest The Directors and Officers of TGRS may not be interested directly or indirectly in any contract, written or verbal, appointment of an advisor, agent or the hiring of any employee relating to or incidental to the operations conducted by TGRS.

ARTICLE X

Fiscal Year The fiscal year shall commence on July 1st of each year and end on June 30th of the following year.

ARTICLE XI

Prohibition Against Financial Gain, and Dissolution No member, director, officer, or employee of, or member of a committee or person connected with TGRS or other private individual shall receive at any time any of the donations, earnings or pecuniary profit from the operations of TGRS; and no such person or persons shall be entitled to share in the distribution of any of TGRS's assets upon the dissolution of TGRS.

All members of TGRS shall be deemed to have expressly consented and agreed that upon dissolution or winding up of the affairs of TGRS, whether voluntary or involuntary, the assets of TGRS, after all debts have been satisfied, then remaining in the hands of the Board of Directors shall be distributed, transferred, conveyed, delivered and paid over, in such amounts as the Board of Directors may determine or as may be determined by a court of competent jurisdiction upon application of the Board of Directors, to organizations organized and operated exclusively as 501(C)(3) non-profit corporations as determined in the Internal Revenue Code (or corresponding provisions of any future United States Internal Revenue Code law) as the Board of Directors shall determine. Any such assets not disposed of shall be disposed of by the Superior Court of the county in which the principle office of TGRS is then located, exclusively for such purposes or to such organization or organizations as said Court shall determine, which are organized and operated exclusively for 501(C)(3) purposes.

ARTICLE XII

Prohibited Acts No substantial part of the activities of TGRS shall be the carrying on of propaganda or otherwise attempting to influence legislation, and TGRS shall not participate in, or intervene in (including the publication or

distribution of statements) any political campaign on behalf of or in opposition to any candidate for public office. Notwithstanding any other provision of these By-Laws, TGRS shall not carry on any other activities not to be carried on (a) by a corporation exempt from Federal income tax under Section 501(C)(3) of the Internal Revenue Code, or (b) by a corporation, contributions to which are deductible under Section 170(C)(2) of the Internal Revenue Code, or the corresponding section of any future Federal tax code

ARTICLE XIII

By-Laws These by-laws become effective when approved by a majority vote of the general membership. Any changes made to these by-laws must be approved by a two-thirds majority vote of the members present at a regular monthly meeting which has been previously designated in the newsletter as one at which the proposed changes will be discussed and voted upon.

Certificate of Secretary

I, the undersigned, do hereby certify:

1. That I am the present duly elected and acting Secretary of Tucson Garden Railway Society, an Arizona non-profit corporation; and
2. That the foregoing By-Laws, comprised of 5 pages, constitute the By-Laws of said corporation as duly adopted at a meeting of the members of the corporation held on the 22nd day of April, 2020.

IN WITNESS WHEREOF, I have hereunto subscribed my name:

(signed) Gina Blackwell

Gina Blackwell

April 22, 2020

Date

View the latest newsletter

Paste the following link into your browser

<http://tucsongrs.org/newsletters/latest.pdf>