

Run two trains simultaneously on the same track p. 19



REVIEWED: Bachmann's Emily p. 74

Garden RAILWAYS®

APRIL 2013

Adventures in outdoor model railroading

Recreating historic railroading

Scratchbuilt structures and a rugged landscape bring the past to life

p. 46

26 PAGES OF
HOW-TO
STORIES

Make real metal roofs p. 42

Build a working Mars headlight p. 54

Scratchbuild a bunkhouse p. 34

AND MORE!

11 PAGES OF
PRODUCT
REVIEWS

8 PAGES OF
GARDENING
STORIES

Nº 1, a trim Consolidation, drifts down grade with a load of construction material destined for the work at the end of the line on Gary and Jonette Lee's Baker & Grande Ronde Railroad.

www.GardenRailways.com

\$6.99



04

0 09128 46780 1

Vol. 30 • Issue 2

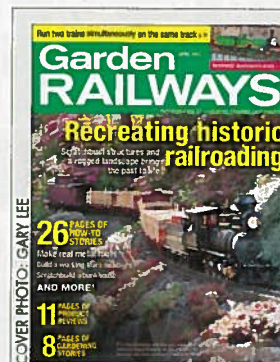


FEATURES

- 32 29th National Garden Railway Convention preview
Come to Cincinnati in June *by Raymond Hughes*
- 34 Build a railroad bunkhouse
Part 1: The basic structure *by Don Parker*
- 38 Scratchbuild an auxiliary water tender
This unusual vehicle serves as a battery/sound car *by Raymond Parent*

COVER STORY

- 46 The Baker & Grande Ronde Railroad
A 1:24 line based on an HO_{N3} layout *by Gary Lee*
- 54 Build a lighthouse beacon or a Mars light
An inexpensive controller makes it possible *by David Bodnar*
- 60 Make an LED polarity indicator
Quickly determine the polarity of the power in your rails *by Arvin Gossman*



- Run two trains simultaneously 19
- Reviewed: Bachmann's *Emily* 74
- Recreating historic railroading 46
- Make metal roofs 42
- Build a Mars headlight 54
- Scratchbuild a bunkhouse 34
- 11 pages of product reviews 72
- 8 pages of gardening stories 24, 28, 62

DEPARTMENTS

- 6 From the Editor
Notes from Marc
- 8 Notes & news
What's new for the garden railroader
- 14 Letters
Views from our readers
- 16 Tips & tricks
Roofing material, switch-throw rods, and more
- 19 Garden railway basics
Automation in the garden: Part 5—Two (or more) trains in one loop
- 24 Greening your railway
How we promote the hobby through teamwork
- 28 Plant portraits
Dwarf Japanese umbrella pine
- 62 Miniscaping
A catalog of useful plants: Part 2
- 65 Online station
A large-scale guide to the Internet
- 69 Raising steam
A lightweight locomotive carrier
- 71 Events
Upcoming shows and exhibits
- 72 Product reviews
Bachmann's *Emily*, Wuhu Falk live steamer, and more
- 90 If I'd only known...
The battles of Spruce Ridge Tunnel

On www.GardenRailways.com

ONLINE BONUS

- Code for programming a lighthouse beacon
- Freight-station drawings in 1:29 scale
- "Greening your railway" slideshow
- Full-size bunkhouse drawings

www.GardenRailways.com

