

JUMBO ISSUE! 14 EXTRA PAGES OF STORIES!

Garden RAILWAYS

FEBRUARY • 2005
gardenrailways.com



REVIEWED: ACCUCRAFT'S LIVE-STEAM MOGUL

The spectacular Snow Creek Railroad

HOW TO:

- Repair switches
- **Maintain your pond**
- Build tunnel portals
- **Kitbash a hopper car**
- Make a track cleaner
- **Install radio-control systems**
- ...and more!

\$6.95 • \$9.50 Canada



7

22627 46780

5

02

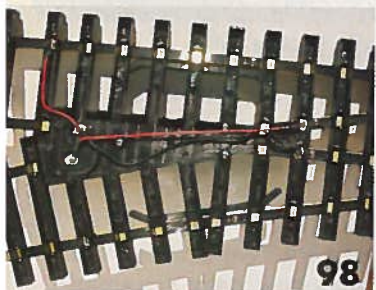
Vol. 22 Issue 1



60



66



98

FEATURES

- 58 GR gallery
- 60 Going from indoors to outdoors
Readers' solutions to a common problem
- 64 Build a tunnel portal
An ideal first scratchbuilding project *by Steve Haskew*
- 66 The Nantlais Valley Railway
Narrow gauge, industrial modeling in Wales *by Eric Lloyd*
- 72 Staff corner: History in miniature
Modeling the East Broad Top *by Kevin Strong*
- 74 The Snow Creek Railroad **Cover story**
A garden-railway metamorphosis *by Bob Treat*
- 82 Battery power and radio control **Part 3 of a series**
Installing an R/C unit *by John S. MacDougall*
- 86 Make those rails shine!
Build a simple track cleaner *by Del Tapparo*
- 88 Modeling a ballast hopper
An extensive kitbash transforms a commercial model *by Burl Rice*
- 94 A brush with reality
Making a track cleaner in 1:15 scale *by Ralf Muehlbichler*
- 98 Save those old switches
Simple repairs bring them back to life *by Ken Martin*
- 103 A Forney for the Greenbrier Railroad
A Northeast Narrow Gauge Porter kitbash *by Rick Van Doren*
- 104 Garden railway design & construction
Pond maintenance and protecting your garden: Part 1 *by Jack Verducci*

DEPARTMENTS

- 6 From the Editor
Notes from Marc
- 10 Notes & news
What's new for the garden railroader
- 18 Letters
Views from our readers
- 24 Questions & Answers
We respond to your hobby questions
- 38 Garden railway basics
Material matters
- 45 Looking back
A glance into the history of garden railways
- 47 Pathways
A garden railroader's complete guide to dwarf Alberta spruce
- 53 Plant portraits
Dwarf golden arborvitae and miniature rush
- 118 Miniscaping
Miniaturizing trees using bonsai techniques
- 122 Scribbles on a workshop wall
A tale of the unexpected
- 124 Events
Upcoming shows and exhibits
- 126 Raising steam
Mamodifications
- 132 Online station
A large-scale guide to the Internet
- 134 Club directory
Garden railroading around the world
- 138 Product reviews
Accucraft live-steam Mogul, LGB starter set, and more
- 154 End of the line
Stuck on the track
- PLUS** Insert: Plan #69
Build a 1:20.3 scale stock car

ON THE COVER



- Reviewed: Accucraft's live-steam Mogul **page 138**
- The spectacular Snow Creek Railroad **page 74**
- Repair switches **page 98**
- Maintain your pond **page 104**
- Build tunnel portals **page 64**
- Kitbash a hopper car **page 88**
- Make a track cleaner **page 86, 94**
- Install radio-control systems **page 82**

COVER: A mixed train crosses the stone viaduct near Nemo as track inspectors take a break to watch. Turn to page 74 for the full story of the Snow Creek Railroad.

RIGHT: A busy morning at Nemo on Bob Treat's Snow Creek Railroad. A train of tank cars is ready to depart, while inspection car N° 1 warms up.