From Page One



DRIP TORCH operator Tony Davis dribbles lit diesel fuel on the perimeter of the fire area, creating a fire line that will burn into the woods until it meets fires lit by the helicopter crew. Davis is the fire management officer for the up valuable timber that **Eleven Point and Doniphan Ranger districts.** (Quill/Vaughn)

On BURN Continued 13, at Fremont, his helper, said. fearing wildfire, left work in Carter County," he said.

Hoskins, a vocal opponent of the restoration kill all the oaks. burns, said committing so many acres to a est Service isn't trying to and killing some pines landscape scale project convert pure oak stands outright. is "too big, too uncer- to pure pine stands, an tain, and too costly." As impractical proposition, added fuel to opponents' retired director of the but rather is encourag- arguments. Brookshire Missouri Department ing a higher percent of says a situation where a of Conservation, he's pine in areas where it is control burn turns into gradually become hotter well aware that natural already doing well and a wildfire is "simply not and drier, especially in resource management is where historical records acceptable." an inexact science with show that it once domimany variables that can nated. change through time. Restoration goals may or may not be achieved. but in the short term, "consequences are too severe," he said. Instead pleased with pine resof restoration, he sees "charred, burned over woods.' completely disagrees. but were overruled when it sometimes happens." His property adjoins the it was first announced Of the 12,000 acres March 13 burn area; he as a component of the involved with the March runs a 1,300-acre cattle Mark Twain's 2005 For- 2012 burn, Davidson and timber operation, est Plan. The forest figures the patches of about half forested. The industry is geared for damaged trees total 20 Forest Service burns his marketing red and white acres. land along with theirs, oak lumber for flooring, which means the agency barrel staves and other disagreement, one of doesn't have to spend products. Pine is cur- MFPA's objections cenmoney dozing fire lines rently less valuable and ters on setting priorities. to keep the flames off his is harder to sell. property. Smith. "It keeps the where

blue- woods clean and the trees, both pines and skied March fire danger low." When oaks - a source of fuwhen curious neighbors call ture sawtimber - are from Pg. 1 John Hoskins him, asking, "Will it kill lopped, dropped and left saw the big smoke the timber?" and "Is this to burn. MFPA director plume rising seven miles something I should do?" Brian Brookshire would to the south of his farm he touts its benefits, he prefer those stems to be

Neighbor Gary Sul- edges the current lack and rushed home, he livan, Fremont, said he of markets for material said. The burn probably burns his own property that size. produced more smoke to keep down brush and than "all the wood stoves ticks. Smoke from the behave as planned, and prescribed fires hasn't March 2012 fires in the bothered him, but said Pineknot area developed he doesn't want them to hot spots, scorching

Davidson said the For- as high as 20 and 30 feet

be focusing on pine established, a new study restoration when so says. many oaks are dying. He wants to see those trees adapted to future condisalvaged before they're tions," said Davidson. too deteriorated to run through a sawmill.

Timber Mark Twain address oak warmer, so much."

THE CONGRESSMAN'S CONCERNS

who in November at migrate, shift, expand north Missouri, but you Congressman tached an amendment and contract as ground can't plant a system with onto a forestry bill, H.R. conditions change. But 600 vascular plants. An 1526, which passed the they typically move ecosystem will not fol-U.S. House and is cur- slowly, and can't move low," said Nelson. rently awaiting action in the Senate Energy and Natural Resources Committee. If passed, it would stop all prescribed burning on the Mark Twain until the Forest Service submits a report to Congress that evaluates effects of the practice.

A statement from Smith's office said that the congressman's chief concern with the restoration program has always been that it was burning could be used to make wood products, and that it was not actually achieving its goal of forest restoration.

In early February, Smith met with a Washington, D.C., undersecretary who oversees the Forest Service to discuss the management of the Mark Twain. An agreement was reached in which that agency would work with the forest industry to address concerns with timber harvests and burning, he said.

IN THE FUTURE

models Computer show that within the next 100 years, the Ozarks are expected to the summer. Drought

multiple causes that can come more likely. Ma- plants to seed them. include fungus attacks, ture oaks are expected to live out their natural Brookshire says the lives, but seedlings may Forest Service shouldn't have difficulty becoming

"Shortleaf pine is well-

As an ecologist, Nelson had a major voice in Resources planning the pine restosaid the majority of tim- has a long history of cli- climactic conditions. ber harvests now on the mate change, sometimes decline, "but with our colder, and is home to budget, we can only do 85 distinct ecosystems, adapted to varying conditions: wetlands, hardwoods and more, The forest products with many on the Mark industry has an ally in Twain. Over centuries, leaf pine in a cornfield in Smith, these plant communities

decline, a condition with and wildfires will be- at all without parent

Fire-adapted and drought-resistant, the natural plant community known as shortleaf pine-bluestem woodlands represents a biological seed bank that could become important moisture-dependent oak-hickory forests Officer Jack Courtenay ration. He said Missouri suffer under upcoming

> That's one reason sometimes why Nelson is adamant about restoring the fragments of that ecosystem, of which the pockets glades, dry upland for- at Cane Ridge and ests, moist bottomland Pineknot are among the most intact.

'You can plant short-

On March 13, the U.S. Forest Service attacked 4,125 acres south of Fremont, dispersing upon it 28 fire experts, who operated two wildland fire engines, two bulldozers, seven utility vehicles and a helicopter.

They weren't fighting a fire. Instead they created one, using technology and weather conditions to manipulate its size, intensity and even its smoke pattern.

All involved cooperated, especially the weather, resulting in what veteran Forest Service fire specialist Bill Paxton, Poplar Bluff, called "a textbook burn."

Neither too hot nor too cool, the fire burned brush but not trees. A light wind from the southwest pushed smoke up and out, so risks to both highway travelers and workers' health were minimized. Wind increased in the late afternoon, but by then, most areas had burned.

The prescribed fire burned within the Eleven Point Ranger District of the Mark Twain National Forest, in an area south of Fremont and east of J Highway.



SMOKE RISES IN LINES as inflammable balls drop and catch fire. Helicopter crew member Angie Ruble took this aerial photo. (Photo provided to The Quill)

MFPA OPPOSES RESTORATION

toration are members burn up residual trees," of the Missouri Forest conceded Products Jeff Smith, Fremont, (MFPA), who protested across the landscape,

pockets of high intensity. Sometimes the intensity is less and sometimes Among those dis- more than we intend."

"It was never a wild-

fire," said Eberly. "It was a controlled fire with

utilized, but he acknowl-

Not all prescribed fires

bark on full-grown pines

This visible damage

"We don't want to Davidson. Association "But when you apply fire

To complicate the Aging red and scarlet



TORCHING THE ROADSIDE at the junction of J Highway and Bennett Road is a fire-spitting gun mounted on the back of this Polaris RZR, operated by Corey Large, Doniphan. A fire truck follows behind at a safe distance, In particular, industry oaks are dying in large ready to act if needed. As the smoke spreads, road monitors stop highway "It's a win-win," said objects to the thinning, numbers across the travelers from both directions; they take turns proceeding through the small-diameter Ozarks, victim to oak haze, led by a pilot vehicle. (Quill/Vaughn)



BURN BOSS Tim Perren, foreground, briefs a staff of 28 in preparation for the prescribed burn. Months earlier Perren had written the 72-page fire plan that detailed dozens of contingencies. It covers fire ignition techniques, smoke management models, wind speed, wind direction, humidity level, soil and fuel moisture levels, plans to contain escaped fire, and medical emergencies. Clockwise, from left are Patrick Marlow (behind mirror), Erin Yeoman, Angie Ruble, Matt Brickner, Clare Holdinghaus (tan hat), Michael McLemore (red hat) Danny Olivas-Zuniga, Danielle Wess, Sean Kerr, Dan Burch, Keith Holland (in trailer), Tony Davis, Bill Paxton, Corey Large, Nate Patterson, Kody Cox and Jason Stork. Crew members were employees of the Forest Service, National Park Service, and AmeriCorps. (Quill/Vaughn)