



Janice Ardell as Nellie Forbush
Raleigh Little Theater
Opens 'South Pacific'

The Raleigh Little Theater will open its 31st season Thursday with Rodgers and Hammerstein's Pulitzer Prize winning musical "South Pacific".

The show will have a 15-day run at the theater on Pogue Street; October 20 through 23; October 26 through 30; and November 2 through 6. Reservations may be placed with the box office beginning October 17.

Under the direction of Harry Callahan, a cast of 45 Raleigh actors, singers and dancers will perform the songs that have become all-time

favorites. With Ezio Pinza and Mary Martin in the leading roles, "South Pacific" opened on Broadway in 1949.

Set on an island during World War II, the musical portrays the drama of American-Japanese battles in the South Pacific and the romance between a middle aged Frenchman and a young Arkansas Nurse.

Janice Ardell, a young housewife and speech therapist, and Jay Gervasi, a poly-merchmist at Research Triangle, will portray the leading roles of "Nellie Forbush" and "Emile de Becque".

Sweaters Top Men's Fashions

NEW YORK (UPI) — The field of men's sweaters probably has more creative effort at work in it than any other in men's wear. The result is that the sweater wardrobe is far ahead of the rest of the male wardrobe in style — and some of it pretty high.

Most impressive in the fall collections are stripes, streaking about in wild geometrics, or flashing in racing bands down the sleeves or across the chest. One stripe was a cardigan with an inlay design of lightning flashes in 10 brilliant colors.

There were more conservative patterns, including bands of Greek key borders, fleur-de-lis panels and muted plaids.

One luxury look came from trim sweater - jacs of fine gauge knitted wools combined with fronts of paisley wool hollis or smooth wool gabardine. In contrast were bulky wool-mohair textures with a ringlet or turtle collar in all-American wool.

Doubleknit wools starred in many of the showings, including handsome pullovers and such patterns as birds-eyes, fleur-de-lis, plaid and shaded stripes. For that matter there were also doubleknit jackets, slacks and shirts.



FROLIC—David Warner and Vanessa Redgrave exercise in a scene from touching comedy film "Morgan!" which opens today at the Rialto Theater in Durham. The movie concerns a young painter who seeks the truths

of life in a world of fancy. He refuses to leave his divorced wife who left him because of his bizarre personality. "Howlingly funny" Bosley Crowther called it in the New York Times.

Insect Planetarium Scientists Look At World Through Eyes Of Flies

BIG CABLES

Big cables showed up throughout the various collections, either in panels, in borders or in overall designs. A Carnaby-type Mod sweater by Himalaya came with epaulets and a shawl collar. MacAdam Casuals showed a cardigan with two vertical cables and a deep V neck with the cables following the V and then continuing down in parallel lines.

There was every texture anyone can imagine—combinations of woolknit with superfine gabardine front panels, wool-leather basketweaves, waffle chenille, big Irish fisherman sweaters with diamond shaped panels between bulky knit stripes.

New were sweater shirts with open collars, button plackets or thong lacings, sweater-jacs which resemble the summertime shirt - jacs, often in double breasted. There were dickey inserts to create a two-sweater effect and widened crew and ring collars.

PADADENA Calif., (AP)—Scientists, trying to learn how a nervous system works, are looking at the world through flies' eyes.

They say they've gotten so good at it they can tell rather precisely what a fly sees and how well—as it buzzes away, transfixed, in a special fly "planetarium."

The eye test is part of a program to study the entire nervous system to find how it works. Scientists hope, for instance, to see how light received by the eye is translated into consciousness and action. Ultimately, the research could help development of electronic eyes that read print.

Said Dr. Gilbert McCann, director of the California Institute of Technology's booth computing center:

"We've been studying many creatures, but the fly seems to fit our needs best. The fly's nervous system has many properties that are similar to the

human system, although the fly's is simpler. It's complicated enough, though, to be interesting.

"And," he explained, "The fly can produce enormous amounts of energy for long periods of time on little amounts of nourishment. A healthy fly can make it all the way to San Diego, about 100 miles, in three hours."

The fly's eye, he said, also seems to be the best starting point for studying the nervous system, because "As simple as the fly's eye is in comparison to ours, it is still a highly efficient organ capable of observing and recognizing complex patterns."

McCann and his researchers work with the flies in lower levels of the ultra-modern computing center, where a special laboratory is fitted out to serve as a combination paradise-nightmare for flies.

The paradise part is the fly's secure, comfortable home, where he's born, fed and bred. Life is simple—until he's put to work. Then begins the nightmare.

Flies selected for experiments first find little cardboard tabs glued to their backs. The tabs are used for identifying each fly and as handles to keep them tied down.

And tied down they are—to computers.

The identifying tab is hooked, fly and all, into a super-sensitive meter that tells the computer which way a fly would fly if allowed to. The fly and meter are then placed inside the fly planetarium, where lights of different patterns and shapes can be spotted inside the dome-like surface.

Thus, by startling the fly with lights, and by varying the lights, scientists see how the fly responds.

What have they learned?

The fly's eye, McCann said, "has about the same ability as the human eye for observing dim objects. Even though it is much smaller and more primitive, its light-gathering

power about equals that of the human eye."

But, he said, the human eye was found to be more efficient than the fly's for recognition of complex patterns, and a man can see objects that are smaller than a fly can see.

The smallest pattern recognizable by a fly, McCann said, is made up of alternating black and white stripes, about the width of lead pencils, at a distance of about one foot.

In the larger device, with a microscope to aid the surgery, tiny electrodes were planted in the optic nerve fibers behind the flies' eyes.

Then, when lights were flashed inside the dome, the computer recorded the tiny electric impulses the eyes sent to the fly's brain. Thus the experimenters learned what kind of test patterns produce what kind of electrical signals in the fly's nervous system.

With probes at different points along the fly's optic nerve fibers, McCann said, it is possible to detect any changes in the signal patterns.

'Writer's Cramp' Days Numbered

The days of "writer's cramp" - a common affliction of college and school students when taking notes of lectures - are numbered because of the introduction of a new streamlined system of shorthand, known as "Abreviatrix" which can be learned by the average person in only four days through independent study without having to take special courses.

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The principles and symbols of "Abreviatrix" are described and illustrated fully in a new manual, entitled "Shorthand in 4 Days".

The manual is composed of four lessons which can be studied in four days. To help the student to learn each lesson and its respective underlying rules, and, simultaneously, increase speed constantly, a Practice Handbook accompanies the manual in one

package. This Handbook contains organized and simplified practice exercises including words and complete sentences for each of the lessons.

"Abreviatrix" is based on a simple phonetic system of writing that comes to the ear. Most of the vowels and all silent letters are omitted. Numbers and certain letters are substituted. Errors with this system are comparatively rare because it relies not on strange symbols but rather on longhand letters in common everyday usage.

The major advantage of "Abreviatrix" is that it spares the otherwise busy person and the non-secretarial student considerable amounts of time, money and effort hitherto required to attend specialized schools or to take correspondence courses for the sole purpose of learning stenography. This new advance makes shorthand available to all Americans within the shortest possible training period.

The two-book package on "Abreviatrix", containing the "Shorthand in 4 Days" manual and the Practice Handbook is now available at the price of \$2.98, postage prepaid, from the Artada Company, P. O. Box 29, Kingsbridge Station, New York 10463.

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What Color Is Your Car?

NEW YORK (UPI) — The color of your car may tell a lot about you, according to an executive of an auto firm.

In a survey on what type of people like what color cars, Chris Andrews, president of Triumph Sports Cars, Inc. came up with this Color Preference Chart:

Green: Adventurous, young, vital citizens. They enjoy the outdoor life and have a pioneer spirit. Like people and small talk.

Red: For those who enjoy living, loving and laughter. It's a fundamental and warm color, appealing to fundamental and warm people. It connotes fire and enthusiasm.

White: Is attractive to attractive and artistic people. They like pretty things and feel they themselves are good to look at.

Blue: Conservatives like this color. They are even-tempered, reliable, traditionally quiet with strangers but very loyal friends. They are usually fence-straddlers.

Color preferences change with the times, according to Andrews, and today green is one of the most popular colors. This is in contrast with after World War II, when it was difficult to sell a green car because people were tired of anything close to khaki in color and so switched to red. The preference later turned to white and then black. Blue has never been a leader but always a contender, says Andrews.

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