RADIO PROGRAMS—FRIDAY

Programs listed below are received from the radio stations and the Mail Tribune assumes no responsibility except to make such changes as are supplied

KYJC—1230 kc	KMED 1440 kc	KWIN — 1400 kc
4:00—Children's Hour	Weekday*	Furton Lewis*
4:15—Club 1230	Weekday*	Hemingway News*
4:30—Club 1230	KMED Presents	Here's the Answer*
4:45—Club 1230 & Weather	Three Star Extra*	Sam Hayes*
5:00—Edward R. Morrow**	Regional News	Bob and Ray*
5:15—Bill Stern*	Hotel For Pets*	Bob and Ray*
5:30—Tom Harmon**	Lone Ranger*	Bob Greene News*
5:45—Frank Goss**	Lone Ranger*	Bill Brundige Sports*
6:00—Edward P. Morgan*	Great Sport Moments	Gabriel Heatter*
6:15—Lowell Thomas**	Man On The Go*	Local News
6:30—Amos & Andy**	Game-Commission	Virgil Pinkley*
6:45—Amos & Andy**	Sports Report	Sam Hayes*
7:00—CBS Radio Workshop	Cavalcade of Sports*	Counterspy*
7:15—CBS Radio Workshop	Cavalcade of Sports*	Counterspy*
7:30—Bill Borcher Show	B. & W. News*	City Editor*
7:45—Musical Inerlude	Fibber & Molly	City Editor*
8:00—Chas. Collingwood**	Morgan Beatty News*	Record Session
8:15—Curt Massey**	One Man's Family*	Record Session
8:30—The Music Shop	Proudly We Hail	Double Date*
8:45—Bing Crosby**	Proudly We Hail	Double Date*
9:00—CBS News**	Radio Fan Club*	News*
9:15—Music Master	Radio Fan Club*	Fulton Lewis Jr.*
9:30—Easter Seal Parade*	Radio Fan Club*	Jack's Private Line
9:45—Easter Seal Parade*	Radio Fan Club*	Jack's Private Line
10:00—CBS News**	Richfield Reporter*	KWIN Karavan
10:15—Off The Record	Nightwatchman	KWIN Karavan
10:30—Off The Record	Nightwatchman	KWIN Karavan
10:45—Off The Record	Nightwatchman & News	KWIN Karavan
11:00—Off The Record	Sign Off	KWIN Karavan
11:15—Off The Record		KWIN Karavan
11:30—Off The Record		KWIN Karavan
11:45—Off The Record		KWIN Karavan
12:00—Sign Off		Music till Morn. All nite

RADIO PROGRAMS—SATURDAY

6:00—News of America**	Bob Robert's Corral	Wakeup Ranch
6:15—Yawn Patrol	Bob Robert's Corral	Wakeup Ranch
6:30—Yawn Patrol	Bob Robert's Corral	Top of the Morning
6:45—Yawn Patrol	First News	Top of the Morning
7:00—Chev. News**	Rural Party Line	Network News*
7:15—Martin Agronsky*	Rogue Valley Beeper	Breakfast Gang*
7:30—Frank Goss**	News Commentary	Breakfast Gang*
7:45—County Agent	Weather & 7:50 News	Network News*
8:00—No School Today*	KaffeeKlatch	Social Security Prog.
8:15—No School Today*	Joe Harsch News*	Music On Record
8:30—TBA	Social Security	Haven of Rest*
8:45—TBA	Radio Nederlund	Haven of Rest*
9:00—Chevrolet Newscast**	Friendship Circle	Song of The Saddle
9:15—Saturday Melodies	Friendship Circle	Song of The Saddle
9:30—Gunsmoke**	Sat. Sports Desk	Voice of Deliverance
9:45—Gunsmoke**	Sat. News Desk	Voice of Deliverance
10:00—Chev Newscast**	MONITOR*	News*
10:15—Robert Q. Lewis	MONITOR*	Guest Star
10:30—Rhythm Room	MONITOR*	Symphonies for Youth
10:45—Trading Post	MONITOR*	Symphonies for Youth
11:00—CBS News**	MONITOR*	Top Hits
11:15—String Serenade**	MONITOR*	Top Hits
11:30—Changing Times**	Nat'l Farm & Home Hr.	Wheel of Chance*
11:45—It's Still Gil**	Nat'l. Farm & Home Hr.	Wheel of Chance*
12:00—CBS Newscast**	MONITOR*	Western Roundup Time
12:15—CBS Orchestra**	MONITOR*	Western Roundup Time
12:30—Garden Gate*	MONITOR*	Western Roundup Time
12:45—Weather Report	MONITOR*	Western Roundup Time
1:00—CBS News**	MONITOR*	Western Roundup Time
1:15—CBS Orchestra**	MONITOR*	Western Roundup Time
1:30—Make Way for Youth**	MONITOR*	Stand By Sports*
1:45—Make Way for Youth**	MONITOR*	Stand By Sports*
2:00—Club 1230	MONITOR*	Stand By Sports*
2:15—Club 1230	MONITOR*	Stand By Sports*
2:30—Club 1230	MONITOR*	Stand By Sports*
2:45—Club 1230	MONITOR*	Stand By Sports*
3:00—ABC News*	MONITOR*	Record Merry-Go-Rnd.*
3:15—Music by Antonini**	MONITOR*	Record Merry-Go-Rnd.*
3:30—Club 1230	MONITOR*	Report From Washingto
3:45—Club 1230	MONITOR*	Todays Top Tunes*
4:00—ABC Newscast*	MONITOR*	Today's Top Tunes*
4:15—Club 1230	MONITOR*	News*
4:30—Vet's. Administration	MONITOR*	Music*
4:45—Harris Ellsworth Spch.	MONITOR*	Music*
5:00—Chevrolet Newscast*	MONITOR*	Academy Band*
5:15—Wayne Morse Speech	MONITOR*	Academy Band*
5:30—Tom Harmon**	MONITOR*	Musical Moments*
5:45—Frank Goss**	MONITOR*	Musical Moments*
6:00—CBS Newscast**	MONITOR*	Hawaii Calls*
6:15—Changing Times**	MONITOR*	Hawaii Calls*
6:30—Indictment**	Grand Ole Opry*	Bible StudyProgram
6:45—Indictment**	Grand Ole Opry*	Guy Lombardo*
7:00—Fort Laramie**	MONITOR*	Pop Time
7:15—Fort Laramie**	MONITOR*	Pop Time
7:30—It's Time*	MONITOR*	Public Library
7:45—Musical Interlude	MONITOR*	Pop Time
8:00—Country Style**	MONITOR*	Dixieland Express
8:15—Country Style**	MONITOR*	Dixieland Express
8:30—Texaco Newscast*	MONITOR*	Sounding Board*
8:45—Cocoanut Grove Orch.*	MONITOR*	Sounding Board*
9:00—Texaco Newscast**	TBA	News*
9:15—Romance**	TBA	Musical Moments*
9:30—City Hospital**	Parade of Bands*	Jack's Private Line
9:45—City Hospital**	Parade of Bands*	Jack's Private Line
10:00—ABC News*	KMED News	Sat. Night Dance Parade
10:15—Off The Record	Here's To Vets	Sat. Night Dance Parade
10:30—Off The Record	Nightwatchman	Sat. Night Dance Parade
10:45—Off The Record	Night Watch & News	Sat. Night Dance Parade
11:00—Off The Record	Sign Off	Sat. Night Dance Parade
11:15—Off The Record		Sat. Night Dance Parade
11:30—Off The Record		Sat. Night Dance Parade
11:45—Off The Record		Sat. Nite Dance Parade
12:00—Sign Off		Sat. Nite Dance Parade

*ABC **CBS *NBC *MBS

KBOY—730 KC

(All programs at same time daily, unless otherwise indicated)

A.M.—5:45 Sign on Music throughout day except for following programs: 10.10:15 KBOY Bargains; 11-12 (Sunday only) First Baptist service

P.M.—12-12:15 KBOY ranch; 12:15 - 12:30 (Sunday only) KBOY ranch; 6:30 Sign off.

TV Programs — KBES (Channel 5)

FRIDAY

5:00—Pinky Lee
5:30—Wild Bill Hickok
6:00—Industry on Parade
6:15—News
6:25—Weather
6:30—Walt's Workshop
7:00—Cavalcade of Sports
7:45—Dr. Hudson's Secret Journal
8:15—Medical History
8:20—Hollywood Album
8:30—All Star Theater
9:00—Highway Patrol
9:30—Mayor of the Town
10:00—The Line Up
10:35—Premier Theater
12:00—News and Sign Off

SATURDAY—

12:00—Big 10 Basketball Harlem Globe Trotters
2:00—PCC Basketball, Stanford vs. Calif.
4:00—Mr. Wizard
4:30—Santa Anita Races
5:15—TBA
5:30—Melody Wranglers
6:00—Faith for Today
6:30—Ford Star Jubilee
8:00—The Honeymooners
8:30—Great Gildersleeve
9:00—Eddie Cantor
9:30—Big Picture
10:00—Geo. Gobel
10:30—Wrestling from Hollywood
11:30—Treasure Travels
11:45—The Clue
12:00—News & Sign Off

SUNDAY—

12:00—Face the Nation
12:30—Sunday Matinee
2:30—Richard III
4:00—Sunday Matinee
5:30—Jackson Cty. Pbc. Health
6:00—This is the Life
6:30—It's A Great Life
7:00—Jack Benny
7:30—Water Front
8:00—The Ed Sullivan Show
9:00—G. E. Theater
9:30—Weekly News In Review
9:45—Modes of the Day
10:00—Loretta Young
10:30—Break the Bank
11:00—Big Picture
11:30—Treasure Travels
11:45—The Clue
12:00—News and Sign Off

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The Medical Roundup

by Walter Alvarez

Emeritus Consultant in Medicine, Mayo Clinic
Emeritus Professor of Medicine, Mayo Foundation

BELIEF IN GERMS

The other day an attorney who must have spent years in a university told me that, in his opinion, my belief in the importance of germs was all wrong. What a wonderful statement this was in view of the fact that in all great universities in the world today there are extremely important departments of bacteriology and biology headed by distinguished professors and scientists.

Walter Alvarez

Here and there are great Institutes such as the Pasteur Institute of France, or the Rockefeller Institute in New York City, or the Hooper Foundation in California in which bacteria are studied. In the United States are many huge corporations with big research laboratories in which able men study bacteria and make antitoxins which are sold for millions of dollars to farmers for the protection of their animals.

Many persons who deny the importance of germs in disease do not know that there are hundreds of bacteriologists who work every day for canners, brewers and wine-growers, cheese-makers, creameries, penicillin makers, farmers and many others.

I remember a man who went into the business of growing mushrooms. He told me that within a few months he was studying bacteriology, day and night, and hiring bacteriologists and mold experts to help him to keep his mushroom seed uncontaminated by bacteria. A canner or a penicillin maker wouldn't even bother to laugh at a man who said he didn't believe in bacteriology or germs. If the canner said anything, it would be, "Try to run a packing-plant and see how quickly you'd go broke without the help of an advisory bacteriologic staff."

Canneries Lost Millions

Years ago the big canneries lost millions of dollars because of the occasional epidemics of botulism which killed whole families. These disasters were due to the imperfect sterilization of an occasional can. For months Dr. K. F. Meyer and his fellow bacteriologists, in California, worked day and night to find out why the contents of an occasional can escaped sterilization, and why a few bacteria lived on, later to kill all the people who ate the infected food.. Eventually, the bacteriologists found how to avoid this, and then they laid down rules for the processing of cans, so rigid that this was the end of botulism due to improper commercial packing. Since that day the only deaths from botulism have come from home-processed food.

My mind goes back to the time, 100 years ago, when surgeons hardly dared open the abdomen because practically all their patients promptly died of peritonitis, due to bacteria. When I was a young doctor, surgeons rarely dared open a knee joint because destructive suppuration would almost surely follow.

In the old days nearly all the wounds made by surgeons suppurated for weeks or until the patient died of fever or exhaustion. During the Civil War, surgical wards were terrible places with a great stench arising from infected wounds. If a man had his leg cut off he would have to spend the next few months with terrible suppuration in the stump.

Picked Up Pasteur's Idea

And then came Pasteur, the father of bacteriology. Curiously, he was a chemist who got interested in bacteria because they could ruin beer and wine and could kill the silk-worms so important in the France of his day. He showed why properly processed food never goes bad. As long as there are no germs present there can be no putrefaction of the food.

The great scottish surgeon, Lister, then picked up Pasteur's idea and used it to keep germs out of his surgical wounds. First the surgeons used a spray of carbolic acid to kill the germs, but later, they got the much better idea of keeping germs out of wounds by operating with sterile gloves, and sterilizing with heat everything that was to come in contact with the incision. Today surgeons think nothing of opening the abdomen, the chest, the skull, or a joint. Only rarely now is there any peritonitis even when the surgeon operates to remove a badly infected cancer of the bowel.

Incidentally, there are many bacteria that are helpful to us. For instance, the many bacteria that live normally in our bowel tend to keep out other bad bacteria that might do us harm. For long ages, man has used bacteria and the releated yeasts to make himself beer, wine, vinegar, buttermilk and cheese. As I was dictating this I picked up a copy of Science News Letter, for January 23, 1954, and read how the bacteriologists of the United States' Department of Agriculture have now stored away more than 1,200 strains of a bacterium which grows on the roots of peas, clover, alfalfa and beans. As farmers know, such nitrogen-fixating bacteria are of tremendous value in that they enrich the soil. This is why the government bacteriologists keep searching throughout the world for new soil bacteria. Nowadays, before planting certain legume seeds, farmers will inoculate these seeds with the bacteria which will later help the soil.

Dr. Alvarez regrets he hasn't the time in which to read or answer requests for information.

(Released by The Register and Tribune Syndicate, 1956)

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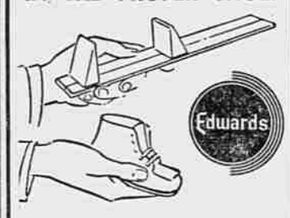

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by Elsie Hix

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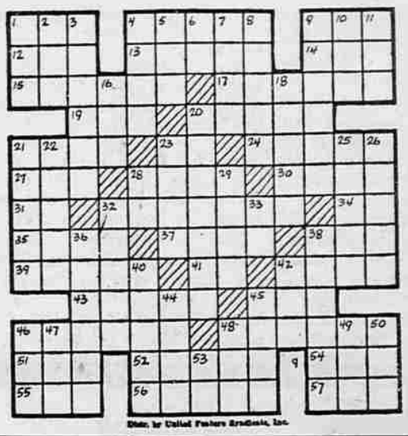
Answer to Yesterday's Puzzle

ACROSS

1—Small rug
4—Engine
9—Attempt
12—Residue
13—Positive pole
14—Hasten
15—Chastise
17—Musical dramas
19—Be in debt
20—Rugged mountain crest
21—Reach across
23—Part of "to be"
24—Capital of Tibet
27—Latvian money of account
28—Chills and fever
30—Prepare for print
31—Prefix: not
32—Pertaining to the stars
34—French conjunction
35—Flesh
37—Secluded valley
38—Girl's name
39—Fungous disease of rye
41—Symbol for tantalum
42—Row
43—Rodents
45—Headgear
46—Lassos
48—Parent
51—Bitter vetch
52—Journal
54—Period of time
55—Fondle
56—Skin tanned with formaldehyde
57—Soak

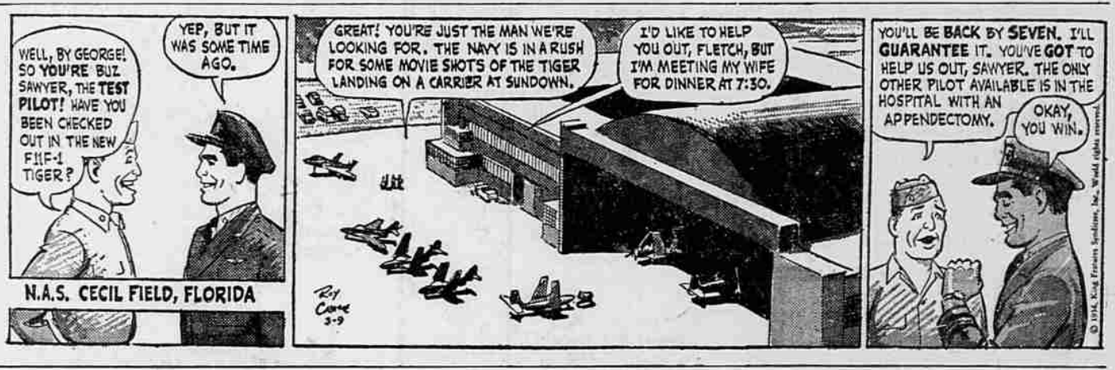


DOWN

1—Queen of fairies
2—Peer Gynt's mother
3—Part of neck
4—Partner
5—Number
6—Preposition
7—Aroma
8—Repulse
9—Intersperse
10—Inlet
11—Affirmative
16—Beard of grain
18—Chemical compound
20—Charms
21—Mud
22—Having less color
23—Old
25—Sifting device
26—Essence
28—Preposition
29—Girl's name
32—Ermine
33—Indian mulberry
36—Terrified
38—Conjunction
40—Snares
42—Make lace
44—Brother of Jacob
45—Rabbit
46—Corded cloth
47—Anger
48—Provided food
49—Before
50—Rodent
53—Hebrew letter

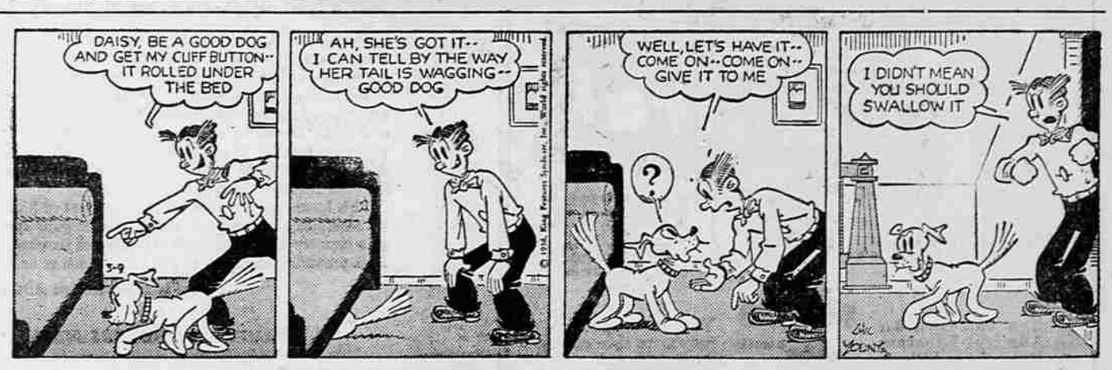
L'L ABNER

BUZ SAWYER



BARNEY GOOGLE and SNUFFY SMITH

BLONDIE



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