

# Rabies Vaccine for Cats and Dogs Only

Milwaukee, Wis. (Science Service)—Veterinarians were warned here recently not to administer "canine vaccine" against rabies to any pets except dogs and cats.

Dr. E. S. Tierkel, chief of U. S. Public Health Service's rabies control unit, Atlanta, Ga., told a meeting of Wisconsin veterinarians here that the vaccine can paralyze other animals. He recommended using other available vaccines for the pets.

To be effective, rabies vaccine should not be administered to dogs or cats less than three months old, Dr. Tierkel admonished.

Vast strides have been made in rabies control in recent years, Dr. Tierkel said, but at the same time the problem of rabies among wildlife has doubled. He said the Public Health Service is stepping up research in this field.

Crater Lake in Oregon is generally believed to be the deepest on the North American continent.

Keepers at a London Zoo have taught an orangutan to clean its own cage.

## RADIO PROGRAMS — WEDNESDAY

| KJJC 1230 kc             | KMED 1440 kc             | KWIN 1400 kc             |
|--------------------------|--------------------------|--------------------------|
| 4:00—News                | 4:00—News                | 4:00—News                |
| 4:15—Traffic Jam         | 4:15—Traffic Jam         | 4:15—Traffic Jam         |
| 4:30—Traffic Jam         | 4:30—Traffic Jam         | 4:30—Traffic Jam         |
| 4:45—Traffic Jam         | 4:45—Traffic Jam         | 4:45—Traffic Jam         |
| 5:00—Edw. R. Morrow      | 5:00—Edw. R. Morrow      | 5:00—Edw. R. Morrow      |
| 5:15—Edw. R. Morrow      | 5:15—Edw. R. Morrow      | 5:15—Edw. R. Morrow      |
| 5:30—Tom Harmon          | 5:30—Tom Harmon          | 5:30—Tom Harmon          |
| 5:45—Frank Goss          | 5:45—Frank Goss          | 5:45—Frank Goss          |
| 6:00—News                | 6:00—News                | 6:00—News                |
| 6:15—News-Sports         | 6:15—News-Sports         | 6:15—News-Sports         |
| 6:30—Evening             | 6:30—Evening             | 6:30—Evening             |
| 6:45—Evening             | 6:45—Evening             | 6:45—Evening             |
| 7:00—Seavard-A&A         | 7:00—Seavard-A&A         | 7:00—Seavard-A&A         |
| 7:15—Amos-Andy           | 7:15—Amos-Andy           | 7:15—Amos-Andy           |
| 7:30—News-Ann. Plie      | 7:30—News-Ann. Plie      | 7:30—News-Ann. Plie      |
| 7:45—Turntable Terrace   | 7:45—Turntable Terrace   | 7:45—Turntable Terrace   |
| 8:00—World Tonight       | 8:00—World Tonight       | 8:00—World Tonight       |
| 8:15—Turntable Terrace   | 8:15—Turntable Terrace   | 8:15—Turntable Terrace   |
| 8:30—Turntable Terrace   | 8:30—Turntable Terrace   | 8:30—Turntable Terrace   |
| 8:45—Turntable Terrace   | 8:45—Turntable Terrace   | 8:45—Turntable Terrace   |
| 9:00—News                | 9:00—News                | 9:00—News                |
| 9:15—Turntable Terrace   | 9:15—Turntable Terrace   | 9:15—Turntable Terrace   |
| 9:30—Turntable Terrace   | 9:30—Turntable Terrace   | 9:30—Turntable Terrace   |
| 9:45—Turntable Terrace   | 9:45—Turntable Terrace   | 9:45—Turntable Terrace   |
| 10:00—Richfield Reporter | 10:00—Richfield Reporter | 10:00—Richfield Reporter |
| 10:15—Turntable Terrace  | 10:15—Turntable Terrace  | 10:15—Turntable Terrace  |
| 10:30—Turntable Terrace  | 10:30—Turntable Terrace  | 10:30—Turntable Terrace  |
| 10:45—Turntable Terrace  | 10:45—Turntable Terrace  | 10:45—Turntable Terrace  |
| 11:00—Sign Off           | 11:00—Sign Off           | 11:00—Sign Off           |

## RADIO PROGRAMS — THURSDAY

| KJJC 1230 kc             | KMED 1440 kc             | KWIN 1400 kc             |
|--------------------------|--------------------------|--------------------------|
| 6:00—News                | 6:00—News                | 6:00—News                |
| 6:15—Yawn Patrol         | 6:15—Yawn Patrol         | 6:15—Yawn Patrol         |
| 6:30—Yawn Patrol         | 6:30—Yawn Patrol         | 6:30—Yawn Patrol         |
| 6:45—Yawn Patrol         | 6:45—Yawn Patrol         | 6:45—Yawn Patrol         |
| 7:00—Breakfast Tunes     | 7:00—Breakfast Tunes     | 7:00—Breakfast Tunes     |
| 7:15—News And World      | 7:15—News And World      | 7:15—News And World      |
| 7:30—Music               | 7:30—Music               | 7:30—Music               |
| 7:45—Harry Babbitt       | 7:45—Harry Babbitt       | 7:45—Harry Babbitt       |
| 8:00—News-Weather        | 8:00—News-Weather        | 8:00—News-Weather        |
| 8:15—Frank Goss          | 8:15—Frank Goss          | 8:15—Frank Goss          |
| 8:30—Coffee Concert      | 8:30—Coffee Concert      | 8:30—Coffee Concert      |
| 8:45—Name Your Neighbor  | 8:45—Name Your Neighbor  | 8:45—Name Your Neighbor  |
| 9:00—News-Love           | 9:00—News-Love           | 9:00—News-Love           |
| 9:15—Breakfast Club      | 9:15—Breakfast Club      | 9:15—Breakfast Club      |
| 9:30—Breakfast Club      | 9:30—Breakfast Club      | 9:30—Breakfast Club      |
| 9:45—Breakfast Club      | 9:45—Breakfast Club      | 9:45—Breakfast Club      |
| 10:00—News-Happiness     | 10:00—News-Happiness     | 10:00—News-Happiness     |
| 10:15—Burton             | 10:15—Burton             | 10:15—Burton             |
| 10:30—Malone             | 10:30—Malone             | 10:30—Malone             |
| 10:45—Perkins            | 10:45—Perkins            | 10:45—Perkins            |
| 11:00—News-Whis. St.     | 11:00—News-Whis. St.     | 11:00—News-Whis. St.     |
| 11:15—Cpl. Nxt Door      | 11:15—Cpl. Nxt Door      | 11:15—Cpl. Nxt Door      |
| 11:30—Trent              | 11:30—Trent              | 11:30—Trent              |
| 11:45—Buttram            | 11:45—Buttram            | 11:45—Buttram            |
| 12:00—Paul Harvey        | 12:00—Paul Harvey        | 12:00—Paul Harvey        |
| 12:15—News-Weather       | 12:15—News-Weather       | 12:15—News-Weather       |
| 12:30—Cale Drake         | 12:30—Cale Drake         | 12:30—Cale Drake         |
| 12:45—Howard Miller      | 12:45—Howard Miller      | 12:45—Howard Miller      |
| 1:00—News-Godfrey        | 1:00—News-Godfrey        | 1:00—News-Godfrey        |
| 1:15—Godfrey             | 1:15—Godfrey             | 1:15—Godfrey             |
| 1:30—Godfrey             | 1:30—Godfrey             | 1:30—Godfrey             |
| 1:45—Godfrey             | 1:45—Godfrey             | 1:45—Godfrey             |
| 2:00—News-House Party    | 2:00—News-House Party    | 2:00—News-House Party    |
| 2:15—House Party         | 2:15—House Party         | 2:15—House Party         |
| 2:30—House Party         | 2:30—House Party         | 2:30—House Party         |
| 2:45—House Party         | 2:45—House Party         | 2:45—House Party         |
| 3:00—News                | 3:00—News                | 3:00—News                |
| 3:15—Traffic Jam         | 3:15—Traffic Jam         | 3:15—Traffic Jam         |
| 3:30—Traffic Jam         | 3:30—Traffic Jam         | 3:30—Traffic Jam         |
| 3:45—Traffic Jam         | 3:45—Traffic Jam         | 3:45—Traffic Jam         |
| 4:00—News                | 4:00—News                | 4:00—News                |
| 4:15—Traffic Jam         | 4:15—Traffic Jam         | 4:15—Traffic Jam         |
| 4:30—Traffic Jam         | 4:30—Traffic Jam         | 4:30—Traffic Jam         |
| 4:45—Traffic Jam         | 4:45—Traffic Jam         | 4:45—Traffic Jam         |
| 5:00—Morrow              | 5:00—Morrow              | 5:00—Morrow              |
| 5:15—Record Room         | 5:15—Record Room         | 5:15—Record Room         |
| 5:30—Harmon              | 5:30—Harmon              | 5:30—Harmon              |
| 5:45—Goss                | 5:45—Goss                | 5:45—Goss                |
| 6:00—News                | 6:00—News                | 6:00—News                |
| 6:15—Thomas-Sports       | 6:15—Thomas-Sports       | 6:15—Thomas-Sports       |
| 6:30—Evening             | 6:30—Evening             | 6:30—Evening             |
| 6:45—Evening             | 6:45—Evening             | 6:45—Evening             |
| 7:00—Seavard-A&A         | 7:00—Seavard-A&A         | 7:00—Seavard-A&A         |
| 7:15—Amos-Andy           | 7:15—Amos-Andy           | 7:15—Amos-Andy           |
| 7:30—News-Ann. Plie      | 7:30—News-Ann. Plie      | 7:30—News-Ann. Plie      |
| 7:45—Turntable Terrace   | 7:45—Turntable Terrace   | 7:45—Turntable Terrace   |
| 8:00—World Tonight       | 8:00—World Tonight       | 8:00—World Tonight       |
| 8:15—Turntable Terrace   | 8:15—Turntable Terrace   | 8:15—Turntable Terrace   |
| 8:30—Turntable Terrace   | 8:30—Turntable Terrace   | 8:30—Turntable Terrace   |
| 8:45—Turntable Terrace   | 8:45—Turntable Terrace   | 8:45—Turntable Terrace   |
| 9:00—News                | 9:00—News                | 9:00—News                |
| 9:15—Turntable Terrace   | 9:15—Turntable Terrace   | 9:15—Turntable Terrace   |
| 9:30—Turntable Terrace   | 9:30—Turntable Terrace   | 9:30—Turntable Terrace   |
| 9:45—Turntable Terrace   | 9:45—Turntable Terrace   | 9:45—Turntable Terrace   |
| 10:00—Richfield Reporter | 10:00—Richfield Reporter | 10:00—Richfield Reporter |
| 10:15—Turntable Terrace  | 10:15—Turntable Terrace  | 10:15—Turntable Terrace  |
| 10:30—Turntable Terrace  | 10:30—Turntable Terrace  | 10:30—Turntable Terrace  |
| 10:45—Turntable Terrace  | 10:45—Turntable Terrace  | 10:45—Turntable Terrace  |
| 11:00—Sign Off           | 11:00—Sign Off           | 11:00—Sign Off           |
| 11:15—Sign Off           | 11:15—Sign Off           | 11:15—Sign Off           |
| 11:30—Sign Off           | 11:30—Sign Off           | 11:30—Sign Off           |

## TELEVISION PROGRAMS

| KBES-TV (Channel 5)               | KOTI-TV (Channel 2)               |
|-----------------------------------|-----------------------------------|
| WEDNESDAY                         | WEDNESDAY                         |
| 5:30—Wild Bill Hickok             | 5:30—Chaplain's Corner            |
| 6:00—TV Weatherman                | 5:30—Uncle Bill                   |
| 6:05—News                         | 5:30—Uncle Bill                   |
| 6:15—Doug Edwards                 | 5:30—Uncle Bill                   |
| 6:30—Rescue 8                     | 6:00—Weather                      |
| 7:00—McKenzie's Raiders           | 6:05—News                         |
| 7:30—Trackdown                    | 6:15—Doug Edwards                 |
| 8:00—The Millionaire              | 6:20—Rescue 8                     |
| 8:30—I've Got a Secret            | 6:25—McKenzie's Raiders           |
| 9:00—Circle Theatre               | 6:30—Trackdown                    |
| 9:30—Mickey Spillane              | 6:35—McKenzie's Raiders           |
| 10:00—News                        | 6:40—Circle Theatre               |
| 10:30—"Born to Sing"              | 6:45—Mickey Spillane              |
| 11:00—Sign Off                    | 6:50—News                         |
| THURSDAY                          | THURSDAY                          |
| 8:45—CBS News                     | 10:00—Cartoon                     |
| 9:00—Morning Playhouse            | 10:30—Top Dollar                  |
| 9:30—Arthur Godfrey               | 11:00—Love of Life                |
| 10:00—Homesteaders Intermission   | 11:30—Search for Tomorrow         |
| 10:30—Top Dollar                  | 11:45—Guiding Light               |
| 11:00—Love of Life                | 12:00—Continental Classroom       |
| 11:30—Search for Tomorrow         | 12:30—As the World Turns          |
| 12:00—Continental Classroom       | 1:00—Jimmy Dean                   |
| 12:30—As the World Turns          | 1:30—House Party                  |
| 1:00—Jimmy Dean                   | 2:00—Big Payoff                   |
| 1:30—House Party                  | 2:30—Verdict is Yours             |
| 2:00—Big Payoff                   | 3:00—Brighter Day                 |
| 2:30—Verdict is Yours             | 3:15—Secret Storm                 |
| 3:00—Brighter Day                 | 3:30—Edge of Night                |
| 3:15—Secret Storm                 | 4:00—Devotions                    |
| 3:30—Edge of Night                | 4:30—Cartoons                     |
| 4:00—Devotions                    | 4:30—Jackson County Public Health |
| 4:30—Cartoons                     | 5:00—Panorama                     |
| 4:30—Jackson County Public Health | 5:30—Rin Tin Tin                  |
| 5:00—Panorama                     | 6:00—TV Weatherman                |
| 5:30—Rin Tin Tin                  | 6:05—News                         |
| 6:00—TV Weatherman                | 6:15—Doug Edwards                 |
| 6:05—News                         | 6:20—Eddy Crain                   |
| 6:15—Doug Edwards                 | 6:25—Outline 59                   |
| 6:20—Eddy Crain                   | 6:30—Wild Bill Hickok             |
| 6:25—Outline 59                   | 6:35—TV Question Box              |
| 6:30—Wild Bill Hickok             | 7:00—December Bride               |
| 6:35—TV Question Box              | 7:30—State Trooper                |
| 7:00—December Bride               | 8:00—Target                       |
| 7:30—State Trooper                | 8:30—Playhouse 90                 |
| 8:00—Target                       | 9:00—News                         |
| 8:30—Playhouse 90                 | 9:05—Dancing Co-Ed                |
| 9:00—News                         | 11:30—Sign Off                    |
| 9:05—Dancing Co-Ed                |                                   |
| 11:30—Sign Off                    |                                   |

### STAR GAZER

By CLAY R. POLLAN

Your Daily Activity Guide According to the Stars

To develop message for Thursday, read words corresponding to numbers of your Zodiac birth sign.

| TAURUS       | GEMINI       | CANCER       | LEO          | VIRGO        | LIBRA        |
|--------------|--------------|--------------|--------------|--------------|--------------|
| 1 You'll     | 1 You'll     | 1 You'll     | 1 You'll     | 1 You'll     | 1 You'll     |
| 2 Don't      | 2 Don't      | 2 Don't      | 2 Don't      | 2 Don't      | 2 Don't      |
| 3 Travel     | 3 Travel     | 3 Travel     | 3 Travel     | 3 Travel     | 3 Travel     |
| 4 Don't      | 4 Don't      | 4 Don't      | 4 Don't      | 4 Don't      | 4 Don't      |
| 5 Is         | 5 Is         | 5 Is         | 5 Is         | 5 Is         | 5 Is         |
| 6 Quarrel    | 6 Quarrel    | 6 Quarrel    | 6 Quarrel    | 6 Quarrel    | 6 Quarrel    |
| 7 Get        | 7 Get        | 7 Get        | 7 Get        | 7 Get        | 7 Get        |
| 8 Not        | 8 Not        | 8 Not        | 8 Not        | 8 Not        | 8 Not        |
| 9 Hate       | 9 Hate       | 9 Hate       | 9 Hate       | 9 Hate       | 9 Hate       |
| 10 Further   | 10 Further   | 10 Further   | 10 Further   | 10 Further   | 10 Further   |
| 11 Call      | 11 Call      | 11 Call      | 11 Call      | 11 Call      | 11 Call      |
| 12 Call      | 12 Call      | 12 Call      | 12 Call      | 12 Call      | 12 Call      |
| 13 Call      | 13 Call      | 13 Call      | 13 Call      | 13 Call      | 13 Call      |
| 14 Call      | 14 Call      | 14 Call      | 14 Call      | 14 Call      | 14 Call      |
| 15 Possible  | 15 Possible  | 15 Possible  | 15 Possible  | 15 Possible  | 15 Possible  |
| 16 Go        | 16 Go        | 16 Go        | 16 Go        | 16 Go        | 16 Go        |
| 17 Knock     | 17 Knock     | 17 Knock     | 17 Knock     | 17 Knock     | 17 Knock     |
| 18 Wins      | 18 Wins      | 18 Wins      | 18 Wins      | 18 Wins      | 18 Wins      |
| 19 Wonderful | 19 Wonderful | 19 Wonderful | 19 Wonderful | 19 Wonderful | 19 Wonderful |
| 20 Just      | 20 Just      | 20 Just      | 20 Just      | 20 Just      | 20 Just      |
| 21 Day       | 21 Day       | 21 Day       | 21 Day       | 21 Day       | 21 Day       |
| 22 After     | 22 After     | 22 After     | 22 After     | 22 After     | 22 After     |
| 23 Advisable | 23 Advisable | 23 Advisable | 23 Advisable | 23 Advisable | 23 Advisable |
| 24 Ave       | 24 Ave       | 24 Ave       | 24 Ave       | 24 Ave       | 24 Ave       |
| 25 Mark      | 25 Mark      | 25 Mark      | 25 Mark      | 25 Mark      | 25 Mark      |
| 26 Be        | 26 Be        | 26 Be        | 26 Be        | 26 Be        | 26 Be        |
| 27 What      | 27 What      | 27 What      | 27 What      | 27 What      | 27 What      |
| 28 Sharp     | 28 Sharp     | 28 Sharp     | 28 Sharp     | 28 Sharp     | 28 Sharp     |
| 29 Play      | 29 Play      | 29 Play      | 29 Play      | 29 Play      | 29 Play      |
| 30 Good      | 30 Good      | 30 Good      | 30 Good      | 30 Good      | 30 Good      |
| 31 Wait      | 31 Wait      | 31 Wait      | 31 Wait      | 31 Wait      | 31 Wait      |
| 32 Ready     | 32 Ready     | 32 Ready     | 32 Ready     | 32 Ready     | 32 Ready     |
| 33 Time      | 33 Time      | 33 Time      | 33 Time      | 33 Time      | 33 Time      |
| 34 With      | 34 With      | 34 With      | 34 With      | 34 With      | 34 With      |
| 35 To        | 35 To        | 35 To        | 35 To        | 35 To        | 35 To        |
| 36 Let       | 36 Let       | 36 Let       | 36 Let       | 36 Let       | 36 Let       |
| 37 Not       | 37 Not       | 37 Not       | 37 Not       | 37 Not       | 37 Not       |
| 38 For       | 38 For       | 38 For       | 38 For       | 38 For       | 38 For       |
| 39 No        | 39 No        | 39 No        | 39 No        | 39 No        | 39 No        |
| 40 Of        | 40 Of        | 40 Of        | 40 Of        | 40 Of        | 40 Of        |
| 41 Certain   | 41 Certain   | 41 Certain   | 41 Certain   | 41 Certain   | 41 Certain   |
| 42 Attention | 42 Attention | 42 Attention | 42 Attention | 42 Attention | 42 Attention |
| 43 By        | 43 By        | 43 By        | 43 By        | 43 By        | 43 By        |
| 44 Friend    | 44 Friend    | 44 Friend    | 44 Friend    | 44 Friend    | 44 Friend    |
| 45 You       | 45 You       | 45 You       | 45 You       | 45 You       | 45 You       |
| 46 Change    | 46 Change    | 46 Change    | 46 Change    | 46 Change    | 46 Change    |
| 47 Can       | 47 Can       | 47 Can       | 47 Can       | 47 Can       | 47 Can       |
| 48 Con       | 48 Con       | 48 Con       | 48 Con       | 48 Con       | 48 Con       |
| 49 World     | 49 World     | 49 World     | 49 World     | 49 World     | 49 World     |
| 50 Love      | 50 Love      | 50 Love      | 50 Love      | 50 Love      | 50 Love      |
| 51 Want      | 51 Want      | 51 Want      | 51 Want      | 51 Want      | 51 Want      |
| 52 Help      | 52 Help      | 52 Help      | 52 Help      | 52 Help      | 52 Help      |
| 53 Program   | 53 Program   | 53 Program   | 53 Program   | 53 Program   | 53 Program   |
| 54 Today     | 54 Today     | 54 Today     | 54 Today     | 54 Today     | 54 Today     |
| 55 Use       | 55 Use       | 55 Use       | 55 Use       | 55 Use       | 55 Use       |
| 56 Matters   | 56 Matters   | 56 Matters   | 56 Matters   | 56 Matters   | 56 Matters   |
| 57 Way       | 57 Way       | 57 Way       | 57 Way       | 57 Way       | 57 Way       |
| 58 If        | 58 If        | 58 If        | 58 If        | 58 If        | 58 If        |
| 59 Now       | 59 Now       | 59 Now       | 59 Now       | 59 Now       | 59 Now       |
| 60 Flatter   | 60 Flatter   | 60 Flatter   | 60 Flatter   | 60 Flatter   | 60 Flatter   |
| 61 Diligent  | 61 Diligent  | 61 Diligent  | 61 Diligent  | 61 Diligent  | 61 Diligent  |
| 62 Diligent  | 62 Diligent  | 62 Diligent  | 62 Diligent  | 62 Diligent  | 62 Diligent  |
| 63 Diligent  | 63 Diligent  | 63 Diligent  | 63 Diligent  | 63 Diligent  | 63 Diligent  |
| 64 Diligent  | 64 Diligent  | 64 Diligent  | 64 Diligent  | 64 Diligent  | 64 Diligent  |
| 65 Diligent  | 65 Diligent  | 65 Diligent  | 65 Diligent  | 65 Diligent  | 65 Diligent  |

## The Medical Roundup

by *Walter Alvarez*

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

### Undescended Testicles

I am glad when a mother writes asking if she should do something about her boy's undescended testicles. My secretary has a standing order to let me see all such letters, because I feel the subject is so important. A boy should never be allowed to grow up without testicles. When his swimming mates begin to jeer at him because of this, he soon will retire into himself with great mental suffering. He will become solitary and morose, and will refuse to go out with either boys or girls. In my experience, it is best to have a surgeon bring the testicles down (if possible) and put them into the sac. Then the boy will be happy again.

It is somewhat dangerous to leave the testicles up in the abdomen. There is a chance that the lad will become sterile and unable later to have children; also, in later years, he could get a cancer in the hidden testicle. A good time for bringing the testicles down is about the age of 10 or 12 years. I haven't much faith in the use of drugs to effect a cure.

When I was a boy, my doctor father used to give many of his patients what he called a nerve tonic, or a nerve-building medicine. But gradually, as he became older and more experienced, he wrote fewer and fewer of such prescriptions. He came to see that the strychnine which some 75 years ago was thought to be a nerve tonic was really a nerve poison. I think most physicians today have their doubts if there is such a thing as a nerve-building medicine.

There are nerve-stimulating and nerve-calming remedies. Usually, when a patient asks for a nerve tonic, what he wants is something to make him feel better. Oftentimes this objective is something hard to accomplish. There are, of course, a series of drugs which will make some people feel less tired in the morning, and more willing to get up and go to work. Good old coffee is one of the best of the brain stimulants.

Dr. Alvarez's new booklet on nervousness may be obtained by sending 25 cents and a large, stamped, self-addressed envelope with your request to Dr. Walter C. Alvarez, Dept. MMT, The Register and Tribune Syndicate, Box 957, Des Moines 4, Iowa. Dr. Alvarez regrets he cannot answer requests for information or attempt to diagnose by mail.

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## Small Worlds Around Us

By Lynn M. Watkins

Hardy Blanket-Flower Braves Barren Areas

Pioneers must, of necessity, be made of sterner stuff or they succumb to the hardships that Nature imposes on those who venture first into wild places. That venture some one who braves unknown perils and inhospitable lands to carry forward the banners of progress must dare much and only hope for survival.

Pioneer flowers dare much, too, to extend their range. Timidly at first they venture forward; retreating perhaps when drought or inhospitable soil forces them, but advance again, hold what is gained, and the force behind builds up and the vanguard moves ahead. Thus do plants further their area and carpet seemingly inhospitable terrain.

Many struggle thus, silently and unnoticed, until suddenly where we have known only white sand or seemingly barren rock, there is an established plant and shortly and inevitably a blossom.

Nature, of course, did not create the blossom purely for the edification of men, but for the perpetuation of the plant itself. Through the peculiar cycle of flower and fertilization and ripening seed, and back to plant again.

### Borden Family to Present Program

The Borden Family, western and popular music group, will present a program at Howard school Friday,