

## Winding Trails: by Al Hobart

Thursday, June 8, 1967  
Illinois Valley News

### Insectivorous Plants

It's amazing how in the course of natural evolution different species of plant and animal life have discovered the rich benefits and acquired the ability and practice of preying on each other. Invasion of the plant kingdom by most forms of animal life is so commonplace we rarely find the fact of more than casual interest; but when the tables are turned and plants, especially conspicuous flowering plants, prey on active animal life then our curiosity is at once aroused.

Always fascinating are the so-called insect-eating plants. We think of the act of eating as being something accomplished in connection with more or less chomping and chewing, and in this sense the carnivorous plants don't eat. But they do capture and digest their prey, the end result being the same as if they'd been assisted by claws, muscles and teeth.

In some parts of the world are reported to be carnivorous plants capable of capturing and digesting small animals, such as frogs, mice, and even small birds, but in this country

our several species of vegetable carnivores use this ingenious method of supplementing their nitrogen supply by catching insects only. Three of these species are of special interest to us, two of them being found in Illinois Valley and one not very far away in the mountains to the west and in Smith River Canyon.

These odd-ball insect consuming plants are invariably found growing in wet places such as marshes, bogs, and on continuously wet cliff-faces, an environment that also attracts countless insects. Gnats and mosquitoes in particular swarm in such swampy, damp areas and live on the sap of the succulent plants growing there.

But somewhere along the evolutionary line a few species of plants discovered a way to fight back and turn the flying sap-robbers' parasitic habit to their own advantage. One necessary element was lacking in these plants' environment—nitrogen. Bodies of the insects were rich in this needed food element.

The developing plant species in question probably didn't discuss their mutual problem among themselves, but somehow that insect-harbored nitrogen had to be made available to the under-privileged plant communities. This was brought about in the course of time in various ways.

The insect-catching plants that we're interested in are the *Darlingtonia*, often referred to as cobra plant; the *Pinguicula*, or butterwort, and the sundew, all of which capture their victims by means of specialized leaves.

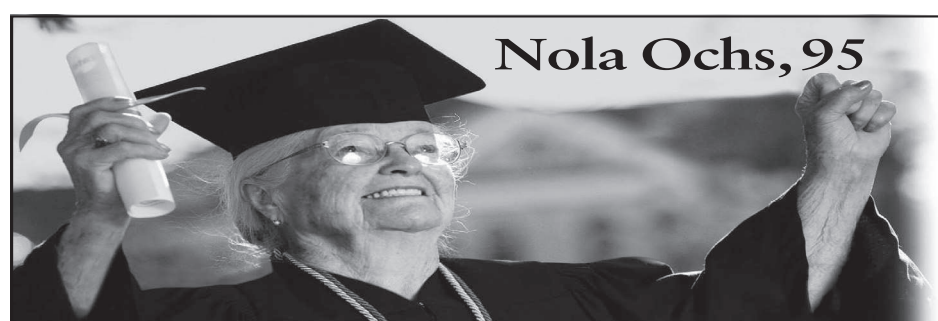
The leaf-trap of the *Darlingtonia* takes the form of a large hood with transparent "windows" atop a wide hollow stem. Insects enter the hood, attracted by a sweet substance inside, through an opening on the underside of the hood. When they tire of trying to escape through the attractive windows they flutter down into the conveniently placed stem funnel and end their careers in the plant's digestive juices below. Open the leaf stem of any *Darlingtonia* and you'll find an evil-smelling mass of insect bodies. The large oddly-attractive flowers of the *Darlingtonia* grow on tall slender separate stems.

The butterwort has evolved a much simpler method of catching its prey. The oblong leaves, in a small rosette an inch or two in diameter, that lies flat against its support, are yellowish and covered with an adhesive substance that not only detains the unfortunate insect against its will but contains a digestive enzyme that goes right to work converting the luckless creature's juices in to a form that will do the most good to the captor. The conspicu-

ous, spurred, violet-like flower of the butterwort is a beautiful blue and is borne several inches high above the leafy rosette on a single slender stem. You'll always find the viscid leaves of the butterwort speckled with the dark carcasses of its victims.

The dainty, jewel-like, inconspicuous little sundew also uses the flypaper trick to ensnare its gullible insect visitors. Its small rosette of leaves, an inch or less across, is studded with rows of little stalks, each supporting a droplet of syrupy fluid. When a gnat or similar creature spots this delectable windfall and lands for a quick lunch he is held fast by the sticky death potion and affectionately enfolded in the suddenly-come-to-life leaf and heartlessly digested. A slender stem five or six inches tall bears the one-sided raceme of the sundew's small white flowers.

The *Darlingtonia* grows in several swampy locations about the Valley; the butterwort may be found on a wet cliff-side above Young's Valley and in a marshy area west of Josephine Creek. The little round-leaved sundew is the most evasive of the trio, but can be seen, if you look carefully, close beside the highway down Smith River Canyon, a few miles this side of Gasquet.



Nola Ochs, 95

## Oldest college grad.

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## Home Country: by Slim Randles

Windy Wilson was on the prowl, this beautiful Independence Day morning, searching the neighborhood for something to do for others. He decided to let his weekly day helping others come on the Fourth this week, because he was feeling very American.

Let's see ... he thought ... I can circumlocute over to Mrs. Hennessey's and see if her flower garden needs weeding. She's got very close veins and the sugar diabeets, and getting around ain't easy.

He headed in that direction when he came across two friends of his arguing over politics. They were standing there

in the shade of an elm tree and trying seriously to tear down each other's theory on how the world, the United States, the state government and the local school board should be operated. Windy stopped and listened to them. Each would look at Windy as each point was made only to see the usually garrulous Alphonse Wilson smile benignly and nod in response.

Pretty soon, the two combatants figured out that Windy was nodding to statements on totally opposite sides of the argument. They stopped and looked at him.

"How do you stand on this, Windy?" one asked.

"I stand as an American citizen," he said, "on this

recompensation of our Independence Day, knowing that our founding fathers would want it this way. Yes, since this is a special day for all Americans, I am recumbent in the factum that it is your very basic right to be wrong."

"Which one? Which one of us is wrong, Windy?"

He grinned. "Well ... you both are."

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# Church News

## Community Bible Church

### Certain Unalienable Rights

"Now the Lord is the Spirit; and where the Spirit of the Lord is, there is liberty." 2 *Corinthians 3:17 (NKJV)*  
"Therefore if the Son makes you free, you shall be free indeed." *John 8:36 (NKJV)*

"There are two freedoms – the false, where man is free to do what he likes, the true, where he is free to do what he ought. – Charles Kingsley

Let's begin with a couple of questions. In what document is the title of this article found? What are the unalienable rights referred to? Who is it that gives us our unalienable rights according to that document? And just one more question – what are unalienable rights?

Unalienable is more commonly called inalienable today. It means you cannot transfer them to another. It's time to look at the whole quote: "We hold these truths to be self evident, that all men are endowed by their Creator with certain unalienable rights, that among these are Life, Liberty, and the pursuit of Happiness – that to secure these rights, governments are instituted among men, deriving their just powers from the consent of the governed." These words are

found in the Declaration of Independence. The inalienable rights listed are life, liberty, and the pursuit of happiness, but this is not an inclusive list as indicated by the term "among these" indicating there are others. These rights are not given to us by the government, but by God, our Creator, who is the author of life, liberty and happiness. Government can never give these things to a people.

Life, liberty, and the pursuit of happiness was the wonderfully grand hope of our founding fathers, who had experienced the despotic rule of England. I wonder what those who put their signatures to the Declaration of Independence would think of our nation today. We are still a very blessed nation with material and societal blessings that much of the world can hardly imagine. May God grant us the wisdom to cherish what I believe is likely the greatest blessing bestowed upon us – freedom! May we instill in the coming generation the inestimable value of it. Hope to see you Sunday.

In Christ,  
Pastor Dave

Ministry at CBC  
Morning Worship 10:30 a.m.  
Evening Praise and Prayer 6 p.m.

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Senior Exercise Class  
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## Places of Worship

**BRIDGEVIEW COMMUNITY CHURCH**  
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Sunday Worship 10:30 a.m.  
Pastor Sonny Moore  
www.bridgeviewcc.org

**7th DAY ADVENTIST**  
265 S. Old Stage Rd., CJ  
Sabbath School - 9:30 a.m.  
Saturday Worship 11 a.m.  
Pastor Christian Martin  
Church (541) 592-3218  
Madrone Adventist School  
541-592-3330

**IMMANUEL UNITED METHODIST CHURCH**  
200 Watkins St., CJ  
Phone 541-592-3876  
Pastor Charles Chase  
Sunday School - 9:15 a.m.  
Sunday Worship - 9:15 a.m.  
Child-care for small children

Illinois Valley Praise Center  
28569 Redwood Hwy. CJ  
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Sunday school - 9:30 a.m.  
Sunday Service 10:30 a.m.  
Thursday Seekers 7 p.m.  
Youth group Thursday - 7 p.m.  
www.ivpraisecenter.com

**COMMUNITY BIBLE CHURCH**  
Pastor Dave Gordon  
113 S. Caves Ave., CJ  
Office: 541-592-3896  
Email: cbccca@gmail.com  
Sunday Worship - 10:30 a.m.  
Christian Academy  
Pre-K to 12th grade  
Awana - Wednesdays - 6 p.m.

**ST. PATRICK OF THE FOREST CATHOLIC CHURCH**  
407 W. River St., CJ  
541-592-3658  
Fr. William Holtzinger, Pastor  
Mass - Sunday 11 a.m..  
Sacrament of Reconciliation  
Sunday - 10:30 a.m.  
Holy Days TBA

**TAKILMA BIBLE CHURCH**  
10343 Takilma Road, Takilma  
Pastor Dan Robinson  
Bible Study / Prayer Time  
9:30 a.m.  
Morning Worship 11 a.m  
Wednesday Bible Study  
7 p.m

First Baptist Church of Selma  
18285 Redwood Hwy., Selma  
541-597-4169  
Pastor Monty Pope  
Sunday School - 9:45 a.m.  
Worship - 11 a.m.

**GOOD SHEPHERD LUTHERAN CHURCH**  
East River Street  
& Lewis Court, CJ  
Annemarie Richardson  
Lay Pastor.  
Sunday School - 9:15 a.m.  
Sunday Worship - 10 a.m.  
Church Phone: 541-592-2290  
www.goodshepherdlutheraniv.net

**VALLEY EVANGELICAL FREE CHURCH**  
498 Laurel Road, CJ  
P.O. Box 1248  
Pastor Marvin Porter  
Sunday School - 9:45 a.m.  
Worship Service - 11 a.m.  
evfree@frontiernet.net  
541-592-6160

**FOUNTAIN OF LIFE ASSEMBLY OF GOD**  
451 S. Junction Ave., CJ  
541-592-3956  
Pastor Mark McLean  
Morning Worship  
9:30 & 11 a.m.  
Wednesday - 7 p.m.  
Adult Bible Study

**ST. MATTHIAS EPISCOPAL CHURCH**  
25904 Redwood Hwy., CJ  
541-592-2006  
Rev. Bryant Bechtold  
Sunday Worship  
Service 10:30 a.m.

**THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS**  
209 S. Junction Ave., CJ  
Sacrament Meet - 10 a.m.  
Sunday School - 11:20 a.m.  
Priesthood, Relief Soc. -  
12:10 p.m.  
Bishop  
Larry Hammersmith  
541-592-3919

Illinois Valley Baptist Church  
541-592-6149  
102 S. Redwood Hwy.  
(in the County Building)  
Sunday Worship 10:30 AM  
Wednesday Bible Study, Prayer  
& Youth Program 7:00 PM  
Friday Ladies Bible Study  
11:00 AM

Wonder Bible Chapel  
11911 Redwood Hwy.  
Wonder, Ore.  
Sunday worship 10 a.m.  
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