



Wendy Heckler-Denbaum and Lincoln Mayorga perform contemporary and classical music for flute and piano, Saturday, May 14, 8 pm, at the Unitarian Church, 40th & Donald, Eugene. Indian and Nepalese snacks will be served at this benefit for the Mahakaruna Foundation.

## Saturday

### Workshops / Classes

**Speaking Out on the Threat of Nuclear War**, a speakers training workshop sponsored by Eugene Physicians for Social Responsibility, will cover technique, information, and extensive audience participation. Presented by Dr. Stanley Nudelman, UC Professor of Medicine and delegate to the 3rd Annual International Physicians Against Nuclear War in June in Holland. \$10 donation requested for materials; bring a bag lunch. 9 am-4 pm. Central Presbyterian Church, 1475 Ferry St.

**Soil Fertility and You**, a free gardening workshop on soil chemistry microflora and building fertility organically. Free pH test (bring 1/4 c. mixed soil from around your garden). Preregister at Down to Earth, 50 E 11th, or call 344-6357. Class held 10 am-noon, Far West Federal Savings Bldg., 96 E Broadway.

**Woman: The Spontaneous Child**, a workshop using astrology, movement and group activities, 1/2 day in town, 1/2 day in the woods. (See classified under Instruction.) 10 am. Eugene Center for the Healing Arts. 344-0178.

### Theatre

**Live Matinee** presents its final show of the season, 2 pm, Cinema 7. See 5/13 for details.

**The Me Nobody Knows**, presented by Willamette Theatre, continues. See 5/13 for details.

**Look Back in Anger** at the Arena Theatre. See 5/12 for details.

**On the Edge** at the Brass Rail. Details 5/14.

### Concert Music

**Lavina Riley**, mezzo-soprano, will give her senior recital, assisted by pianist Jeff Norling. The program includes songs by Handel, Brahms, Shumann, Debussy and others. 4:30, Beall Concert Hall, Free.

**Clay Forge**, a composition student, will give his senior recital. His program includes "Fanfare," "Musings and Dreams," "Contemporary Encounters," and others. 8 pm, Beall Concert Hall.

**Benefit Concert with Wendy Heckler-Denbaum**, flutist, and **Lincoln Mayorga**, pianist, in a preview of their New York Merkin Hall Concert, performing Copeland, Poulenc, and others. Indian snacks will be available. 8 pm, Unitarian Church, 40th and Donald. \$5, \$4 senior citizens. Mahakaruna Foundation.

**The Billy Taylor Trio** performs with the **Eugene Symphony Orchestra**. Taylor, host of NPR's "Jazz Alive," has "almost singlehandedly elevated jazz to an American classical art form." 8:30 pm in the Silva Concert Hall, HPAC, 687-5000.

### Sports / Recreation

**U of O Track and Field Twilight Meet**, Eugene.

**Special Olympics State Tournament**: Spring Games. See Etc. for details.

**Rafting on the Willamette**, sponsored by Network Singles, leaving 9 am. Call 345-6432 for reservations. Network Singles, \$10 members, \$4 non-members.

**Bike Tour to Cottage Grove** with the McKenize Riders, meet at Alton Baker Park, 7:45 pm. 70-mile ride with hills. 747-4526.

**Bike Tour to Wildwood Falls**, 42 miles, 9 am at the River House. 687-5329. \$3.

### Dance Performance

**The student dance concert** at the U of O continues. See 5/13 for details.

**LCC's Lane Dance Theatre** will be performing in the Imagination Celebration outside the Hult Performing Arts Center, 1:30-2 pm. Free.

### Film

**Woman's Eye View**, a festival of films by and about women, continues at the Portland Art Museum. Today, the subject is philosophy and the films presented are: *Malka Ribowska* and *Josée Dayan's Simone de Beauvoir* (France, 1979) which includes the pioneer feminist and author's reminiscences with friends and her views on many issues, interspersed with film clips and photos of events that have shaped her thinking; also shown will be *Ruth Stout's Garden*, advice on gardening and life from a sprightly ninety-year-old. 8 pm, 1219 SW Park Ave, Portland. \$3 general, \$2 seniors and children.

**The U of O films** for tonight are: *Bedtime for Bonzo*, starring Ronald Reagan, "a classic," 7 & 9:15 pm, 180 PLC; *Singing in the Rain*, 7 & 9:15 pm, 177 Lawrence Hall. Both films: \$1.50/\$1.

### Radio

**KWAX 91.1 FM** today presents: **Featured Work**, Hugo Wolf's secular songs, Part 1, 10 am; **Beatrice Foods/Lyric Opera of Chicago**, Mozart's "Così fan tutte," 11 am; **NPR Playhouse Presents ... The Price of Silence**, Part 2, 6 pm; **Lord Peter Wimsey**, Part 2, 6:30 pm.

**Live from Gilley's Country Music Show** features John Conlee, 11:03 pm, KEED 1450 AM.

**The PIMIShow** takes a look at the orchestrated electric music ensemble. Featured will be specific artists and excerpts from the rock opera "J.C. Superstar," 11 pm, KRVM 91.9 FM.

**The Beatles: The Days in Their Lives**, Part 9, 6-9 pm, KPNW 11:20 AM.

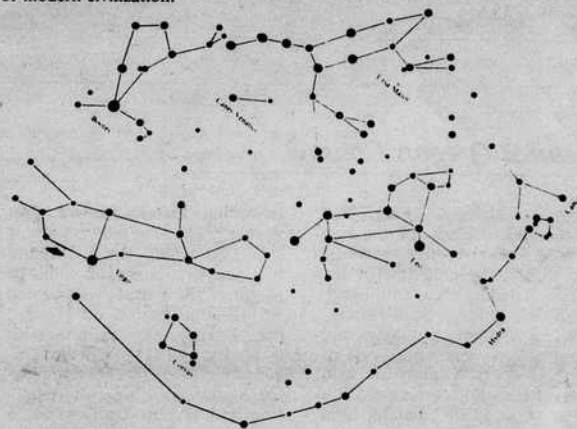
## What's Happening in the Sky

May 12-18

I think it's safe to say that for anyone who lives in the city, street lights compete with the brilliance of the stars for his or her attention. In illustration: while it was only a "few" years ago that a "shooting star" drew all eyes to its motion, today the star-gazer is likely to be far more distracted by a "shooting car" going down the street with headlights blazing. Luckily we in Eugene/Springfield are not yet entirely divorced from our heavenly neighbors as are the people in many of the world's largest cities. Looking up on a clear night, we still see stars to what's known as magnitude '4.5'. This is the designation for stars that are about five times brighter than those seen in the desert (known as magnitude '6', where the higher the magnitude number, the fainter the star).

In a place like New York City, the limiting magnitude might be closer to '3', which would mean that only about 150 stars are open to the city's gaze compared with approximately 1000 for Eugene. When astronomical objects are very brilliant, their magnitudes become a negative number; thus, the Sun's magnitude is -26.5, while the Moon's is -12.5, 400,000 times dimmer.

Filling out the other end of the scale, the faintest objects visible to the largest telescopes are magnitude 23.5, about 100,000,000,000,000,000 times dimmer than the Sun. In any event, if you have an inkling to see stars in great abundance with your unaided vision, you'll probably have to go far out of town; if you want to see the classical constellations of old and the members of the solar system, "in town" is fine. Just remember to use a red-shaded light to look at your star charts and to shield your eyes from the incandescent marvels of modern civilization.



Over the past few months I've introduced bits and pieces of the major spring constellations; this week, with a crescent Moon and clear skies beckoning, the accompanying map shows them all together. To see this celestial region in its glory, look due south at about 9:30 p.m. High in the sky will be the Big Dipper (or Great Bear, Ursa Major) followed by Bootes the herdsman and the hunting dogs, Canes Venatici. Below this interaction are three constellations of the Zodiac, Cancer the crab, Leo the lion, and Virgo the virgin. Lastly, underneath these three groups comes the long water-snake Hydra with Corvus the crow perched on its back. What you see here is the springtime "vision" perceived by much of the human race over most of its recorded history. If you've got the time (and a red flashlight!), it's worth taking a warm evening's look to see if you can find these eight constellations for yourself.

A beautiful spectacle awaits us this coming Sunday evening, May 15th. On that date the Moon and Venus will form a close pair at sunset, lighting up the western sky with their silvery-white light until well past 11 p.m. Throughout the coming week yellowish Saturn can be seen directly over Spencer's Butte (or due South) at 11:30 p.m., just to the left of the brightest star in Virgo (see map). If you've had difficulty finding it up to now, this week could be the time to make the identification. Finally, Jupiter rises jovially in the southeast at 10 p.m., outshining everything but the Moon until the rising of the Sun at approximately 5:30 a.m.

**This Week's Terrestrial Eye-Opener** (taken from the book, *The Friendly Beast*): "A rare phenomenon was observed in the Indian Ocean by professor Heini Hedeiger, head of the Zurich Zoo. He saw a large school of tiny fish, each no bigger than a finger. Suddenly a predatory barracuda approached. A quiver ran through the school, and instantly the dwarf fish closed ranks and 'as one man' assumed a formation that looked like an eighteen-foot giant shark. Four times in succession this sea monster composed of thousands of tiny units leaped high in the air as if it were a single organism, then splashed back into the water dolphin-fashion. Seeing its prey so abruptly transformed into a huge shark, the barracuda paused for a moment 'as if it had to wipe its glasses.' Then it fled in terror."

—Larry Deckman



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