

# Constellations fill November skies

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November is an excellent month for constellation hunters. Early sunsets permit examination of the autumn star terms early in the evening.

The Big Dipper, visible every season in Michigan, is very low on the northern horizon. In this orientation we see it right side up with the pointer stars directing us up to Polaris, the Star.

If we draw a line from the pointers through Polaris, we come to the following house (upside down) of King Scheus. This is the first of five constellations comprising the Royal Family that dominates the autumn sky. To the right of Cepheus is Queen Caspella, looking like a letter M. Like the Big Dipper, Cepheus and Caspella are visible in Michigan every season.

Overhead is the rest of the Royal Family, looking like a giant dipper. The "bowl" of this dipper is marked four stars forming the Great Square Pegasus, the flying horse. A row of stars curving to the east, (the handle) Princes Andromeda, daughter of the King and Queen. Her boyfriend, Prince Perseus, is the last star in this row.

Continuing the row of the handle, we come to Capella, a bright star rising in the northeast, in the constellation of Argus the Charioteer.

ALSO RISING in the east, to the right of Auriga, is Taurus, marked by the bright star Aldebaran. This marks the "eye" of Taurus. Higher up in the Pleiades, a beautiful open star cluster, the shoulder of the bull.

If you compare the color of Aldebaran and Capella, you should notice a difference. Aldebaran is a reddish star and Capella a yellowish sun-type star.

A star's color tells us about its temperature. Red stars are cooler than yellow stars. An excellent example of a very hot star is blue-white Vega, the brilliant star in the west.

To the left of Vega is Altair, above Vega is Deneb. These three stars mark the Summer Triangle, formed by three separate constellations. Vega is in Lyra the Lyre, Altair is in Aquila the Eagle and Deneb is the tail of Cygnus the Swan. Cygnus also has been called the Northern Cross, a very easy pattern to trace out. Deneb is the top of the cross; the base points to the western horizon.

OF THE PLANETS, only Mars is visible in the evening sky, low in the south-southwest in Sagittarius, setting about two and a half hours after the sun.

The moon is full on Nov. 1 and is at the last quarter on Nov. 8.

Saturn will be three degrees south (right) of the moon on the morning of

Nov. 13. The waning crescent moon, only two days before the new phase, rises in the southeast at 5:02 a.m.

The Leonid meteor shower reaches maximum on the night of Nov. 16. We can expect to see an average of 15 meteors each hour, although in 1833 there was a spectacular Leonid shower when hundreds of "shooting stars" were visible each minute.

Whether or not such a shower occurs this year, moonlight won't interfere since it is only one-day-old and sets at 6:04 p.m. The Leonid meteors appear to

radiate from the constellation of Leo, which is rising in the east after midnight.

Look for Mars one-half degree south (left) of the four-day-old crescent moon in the southwestern sky on the evening of Nov. 19.

First quarter moon is on Nov. 23. The planetarium at Cranbrook Institute of Science provides visitors with a breathtaking view of the constellations. Public demonstrations are now available on Friday evenings. For details, call 645-3200.

## Flutist to give recital, class

Flutist Ingrid Dingfelder will give a free recital and master class for Oakland University students and the public Tuesday at Varner Recital Hall, Oakland University.

The widely recorded artist/teacher will give a recital at 12:05 p.m. She will play the Sonata in E flat for flute by Bach, Sonata by Poulenc and Hungarian Pastoral Fantasy by Doppler.

The master class will begin at 1:15 p.m. A fee of \$5 will be charged for non-university participants. The recital and master class are sponsored by the OU department of music.

Dingfelder has been described by "Stereo Review" and leading critics as a flutist of great talent and versatility. She performs and records with the highly regarded English Chamber Orchestra, appears with major orchestras and in recitals in this country and abroad, and she is in great demand for master classes. Her forthcoming 1983 American tour with renowned French harpist Martine Gelliot is completely booked.

For information about the recital or master class, call 377-2030.

## Guy Fawkes chef is one-of-a-kind

If anyone at the Guy Fawkes Ball at Cranbrook Nov. 6 calls for the chef, that could create a surprise.

Not only does this chef not have the anticipated mustache, avoirdupois or French accent, he's a she.

Carol Haskins, executive chef at Jacques Restaurant in Birmingham, has planned an elegant menu starting with hot hors d'oeuvres for the sit-down dinner for several hundred for the annual fund-raiser at Cranbrook Academy of Art Museum.

Not only does Haskins' natural warmth and down-to-earth approach belie the sophistication of her creative ability, it establishes a welcome image for aspiring artists who create in the kitchen.

Haskins is the only female Certified Executive Chef in Michigan and one of a few in the nation.

She earned the honor after more than 20 years in the field. It was given to her by the prestigious Chefs De Cuisine Association, Michigan branch of the American Culinary Federation, recognized as the epitome of achievement in gourmet cooking.

Based upon a point system, the Chefs De Cuisine Association expects candidates for the honor to complete extensive training in food service accounting, computer training and the ever-changing field of wine tasting. Even art classes are part of Haskins' background, to assure appropriate aesthetic presentation of foods.

Unlike most of her peers who learn the trade in the formality of culinary

schools, Haskins is self-taught. Despite this, she still achieved the highest degree of recognition by her colleagues. All of her training, plus the complicated and dedicated pursuit of food knowledge and preparation, is the backbone of her career.

Haskins, born to a family of restaurateurs, operated her father's restaurant for more than 10 years, an apprenticeship that exposed her to all aspects of food operation and helped nurture her natural abilities as a chef.

Her investigation of new opportunities in her chosen field led her to the Village Club in Bloomfield Hills, where she stayed for 3 1/2 years.

From there, she moved to the Money Tree in Detroit and later opened Yvonne Gill's Birmingham restaurant, Tweeny's. She has been with Jacques Restaurant for two years.

## Chocolate molding taught

Diana Fowler will demonstrate her techniques of chocolate molding in a timely workshop for the holidays. The one-session workshop, begins at 7:30 p.m. on Tuesday, Oct. 26.

Participants will learn to create colorful candies that are a delight to see and to taste at a fraction of the cost of the commercial variety.

Registration and \$8 workshop fee are taken in the Farmington Community Center, 24705 Farmington Road.

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