Venusshines in Feb.



The moon will be at last quarter phase at 9:57 a.m. on Feb. 13. It will be starting the last-quarter of its orbit around the earth. On the

The moon will

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otongation (greates apparent the tance from the sun) in three days.

Venus, which attains maximum brightness during the last half of February, is the third brightest object in the sky (only the sun and moon are brighter), and reportedly can produce shadows. If you plan to look for your shadow, in "Yenus-light," you have to be out in the countryside, far away from the bright lights of civilization (not to mention the light of the sun and moon).

Wintertime is an especially good time to try because of the contrast between a dark shadow and the white, snow-covered ground. Several evenings both before and fafer the 18th are favorable because there will be no moon in the St. The moon will be located to the sun and because there will be no moon for the St. The moon will be located to the sun and located the sun and the state of the stilled The

located between the earth and the sun and will not be visible. The moon and Venus will have a beautiful pairing in just three

beautiful pairing in just three evenings.
Also on the 21st, Mercury is at maximum elongation. It will be 18 degrees to the east (left) of the sun and will be nine degrees above the western horizon around 7 p.m. It will help to use binoculars to scan the sky for Mercury, and an unobstructed horizon line is essential.

and an unobstructed horizon line is essential.

For additional help in finding Mercury, wait until the evening of the 22nd. The waring (growing) crescent moon will be three degrees below and to the right of Mercury. Once you find the moon, use binocular to seen above and to the loft to spet Mercury. On the evening of the 23rd the moon will be eight degrees (16 full moon diameters) directly above Mercury. Venus will form a spectacular display with the moon on the evening of the 24th. The planet will be two degrees directly above through the word of the

Raymond Bullock is the former coordinator of the planetarium and observatory at the Cronbrook Institute of Science, Bloomfield Hills. He now works at a Troy-based firm that specializes in laser displays and effects.

Issue: Union members on elected boards

BY TIM RICHARD

STAT WATER

A state Senate committee is taking a hard look at union bargainers who serve on the governing boards they bargain with.

Sen. David Honigman's Local Government Committee Tuesday approved a bill to prohibit a Macomb County commissioner from representing the American Federation of State, County and Municipal Employees (AFSCME) in negotiations.

"We got an attorney general's opinion that said there was no conflict, and that we needed a law," said the bill's sponsor, Sen. Gil DiNello, D Clinton Township.

Sen. Gil DiNello, D.Clinton
Township,
DiNello's SB 105 was sent to
the Senate floor on a 4-1 vote.
Supporting him were Honigman,
R. West Bloomfield; Jon Cisky,
R. Saginaw, and George Z. Hart,
D.Dearborn. Dopbosed was Jim
Berryman, D.Adrian.
But before the vote, senators

decided the problem was broader than DiNello's bill encompassed. Items:

A teachers' union president in Bloomfeld Hills serving on the board in Walled Lake — cited by Honigman.

A police union's attorney serving on the Dearborn school board, which was having a problem with the police department — cited by Hart.

A police officer serving on a township board which oversees

the police chief and determines the police budget — cited by Ciaky.
"It's like the fox guarding the henhouse," said Cisky.
As the most horrible example, Honigman cited Texas, where legislators also are paid lobby-ists.
DiNello's bill couldn't be amended to cover the other cases because a separate bill is needed to amend those governing laws.
The Senate passed the same bill

in the last session, but it died in the House.

Honigman said DiNello's bill applied only to a board member serving as a union negotiator, not to a rank and file union member.

In other business, the Labor Committee took no action on three bills by DINello to allow large townships to have jurisdic-tion over county roads.

