

## Amateur Astronomers

Bob Malm, editor  
(941-1343)

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### SJAA Officers

President: Tom Mungall 257-3262  
Vice-president: Brian Day 266-8690  
Treasurer: Jerry Rattley 732-0202  
Secretary: Norman Wild 252-8966

Board members: Dave Erickson Bob Malm  
Tom Curtis  
A.B. Gregory  
Jim Van Nuland  
Jim Vermillion

The Bulletin is dittoed this month to emphasize the fact that the club's treasury is low due to the leasing of the club's observing site. Donations of any amount will be cheerfully accepted. One of the club's officers has already donated one month's payment of the lease. Don't misunderstand, the club is not bankrupt or operating in the red, but it could use a bit of cash to see it through to the end of the fiscal year.

RECENT ACTIVITIES: The January meeting, held at Olinder center, was a very interesting one. Mr. Northwang of Ames Research (NASA) presented a talk and film on the findings of Pioneer 10 plus the latest news concerning Pioneer 11 and its Saturn flyby in 1979. Early in Sept. 1979, if you have a large enough telescope diameter (like 100 feet) you might be able to observe the tiny Pioneer 11 vehicle pass between the planet and its rings. The answer to the mystery of the rings' structure may be answered at last. Mr. Northwang was nice enough to pass out excellent color reproduction of Jupiter, its red spot, and one of its satellites and its shadow, all taken by Pioneer 10.

The star party of January 11, held at our new observing site on Mt. Umanhum was well attended. Unfortunately, it was windy and cold, but this failed to squelch the enthusiasm. Even after the wind knocked over and damaged your editor's newly completed 4" reflector (which took over thirty years to complete), your editor would not give up. Despite the conditions, everybody seemed to have a good time. Debbie Moore's cookies kept moral high. One highlight of the evening was the observation of the tiny planetary nebula in the open cluster M46. A late arrival was Jim Vermillion and his 15" 'scope. I have yet to determine whether his instrument performed more like an optical instrument or a box kite on that particular night.

COMING EVENTS: February 7, 1975 at 7:30 P.M. at Olinder Center: General Meeting. After Gerry Rattley's second in his series in which he discusses interesting objects in the various constellations, on Gemini and Monoceros, Tom Curtis will present at talk with slides on the Messier Catalog. Tom's talk is based on a paper he has written on the subject. (Incidentally, Gerry's talks on the constellations which occur during the first ten minutes, have received good comments from those present.) Refreshments will be served.

February 15, 1975: Star party at the Mt. Umanhum site.

March 7, 1975: Virgo (by Gerry) and a talk on the building and construction of Jim Vermillion's 15" telescope, plus bring-your-own-astroslides show.

March 14, 1975: Board meeting at Jim Van Nuland's home.

March 15, 1975: Star party at Henry Coe State Park.

April 4, 1975: Frank Holden will return.

May 9, 1975: Board meeting at Bob Malm's home.

NEWS NOTES: Tom Mungall and Dave Erickson attended the W.A.A. meeting in Bakersfield without Dr. Gregory who had a medical incident prior to departure. Word has it that Dr. Gregory is doing well.

Nothing much else for this month. See you at the February 7th meeting.