

## SECOND MEETING

The second meeting of the proposed amateur astronomy club for San Jose and vicinity was held 10 January 195<sup>4</sup>, at Herbert Hoover Jr. High School; Time 8:00 PM.

Sixteen persons were present, only six of whom were present at the first meeting.

Roy Griffin, President of the Peninsula Astronomy Club, Palo Alto - Los Altos etc., was introduced by Walter Krumm. Mr Griffin told the group about the organization of the Peninsula club, how it was ~~formed~~, its intents and purposes, good points and short comings. He advised the club on what they could do. (i. e. what kind of a club they could be.) He said they could either be principally a amateur telescope constructing club, a telescopic observation club or a club more interested in the educational or reading side of astronomy; or possibly a combination. His advice was that a definite purpose be decided <sup>up</sup>on. He then answered questions, including a resume of the national and regional organization of amateur astronomy, and the requirements for recognition of this particular club by higher echelons.

Mr Krumm after thanking Mr Griffin gave a talk on the constellation Orion; thus inaugurating what may become a program known as "Constellation of the Month" ( from Peninsula Club. ) Mr. Krumm was followed by Don Thompson with a paper entitled "Life on Mars?" originally written as an English theme.

Discussion followed on incorporation or non-incorporation, decision being delayed. <sup>The</sup> Next <sup>date</sup> meeting <sup>the</sup> was changed from 1st monday of month to the 3rd monday of <sup>the</sup> month. Meeting was adjourned.

FIRST BUSINESS MEETING

17 January '54<sup>5</sup>

Following the dissapointing turn out for the second meeting Mr Weller decided that the club should have a business meeting to see if the proposed club could be pepped up and given more purpose plus publicity.

This meeting was held at the residence of Lucien Dunton, and besides Mr Dunton included members, Weller, Krumm, MacFarland, Boltz, McDole, Thompson, Garber, and Pritchett.

Each ~~member~~ gave his views on what he wanted to get from a club. It was decided that the next regular meeting would be given wider publicity if possible, and that perhaps a questionnaire would be submitted to the membership on the subjects discussed to get a consensus of opinion on which to base further action. (copy of questionnaire atchd.)

A program for the next meeting was selected. ( copy atchd.)

Members then repaired to corner of the Dunton Lot and looked over member Dunton's eight inch reflector housed in the Dome known as "Stole Observatory". It was too cloudy for observation, though Jupiter could just be seen through the overcast.

Good coffee was served by Mrs Dunton, and meeting was adjourned.

## A N N O U N C E M E N T

Dear Member,

You are encouraged to attend the February meeting of our club, Monday 21 February, in Room 31, Basement of the Science Wing, San Jose State College. (Science Building faces 4th St. near SW corner of campus.) Time 7:30 PM.

Bring your friends and/or your enemies if they are interested in Astronomy. We are interested in a high percentage turnout for purposes of getting our club rolling and a constructive program established.

Following is at least a partial list of this meeting's talks:

Lucien F. Dunton .....Amateur Telescopes.  
Don Thompson .....The Constellation Gemini.  
Mrs. R. W. Boltz .....The How of Astronomical  
Measurement.  
Walter J. Krumm .....The "Four" Moons of Jupiter.

Also of interest to members, if this announcement reaches you in time, is an address by the director of Lick Observatory, "The Expanding Universe", 7:30 PM. Thursday, Morris Daly Auditorium at San Jose State.

*Dean Pritchett*

Dean Pritchett  
Acting Corresponding Sec'y.

# QUESTIONNAIRE

Name \_\_\_\_\_

Address \_\_\_\_\_

Fill out and bring with you to the meeting or if you lose, misplace or otherwise do away with, there will be extra copies available at the meeting.

1. How about a name for the club? \_\_\_\_\_

\_\_\_\_\_  
(The above blank is for a suggested name-- not just for an agreement that it would be a good thing to have a name for the club\*)

2. Are you in favor of incorporating with elected officers, dues ect., or would you favor waiting to see how club develops?

(Incorporation is not necessary for recognition by Western Amateur Astronomers.)  
\_\_\_\_\_  
\_\_\_\_\_

3. Which of the following listed activities interest you the most?

(Check more than one if activities are of equal interest to you.)

- \_\_\_ a. Planning, construction and discussion of amateur telescopes.
- \_\_\_ b. Telescopic observation of astronomical subjects.
- \_\_\_ c. General observation to enable you to recognize solar objects and the principal constellations.
- \_\_\_ d. Program of discussion and study to improve your general knowledge of astronomy.

4. Would you be interested in enrolling in an "Adult Education" class on Astronomy if such a class were offered by the Adult Education program? \_\_\_\_\_.

5. Would you be interested in subscribing to "Sky and Telescope" if it were made available to club members at a reduced price? \_\_\_\_\_.

6. Do you now have a telescope, or have one in the process of construction, or intend to obtain or construct a telescope? Explain, giving sizes, types and/or any other explanations necessary.  
\_\_\_\_\_

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\* We believe in fully explained forms.

(If you cannot attend the meeting please fill out and mail to  
1945 Saratoga Ave., Santa Clara, California.)

### Third Meeting

The third meeting of the proposed amateur astronomical club met in Rm # 31, basement of the science building, San Jose State, 21st Feb 1955. There were 19 present, including the four speakers.

Walter Krumm opened the meeting and introduced the first speaker, member Don Thompson, who gave a blackboard talk on the constellation Gemini.

Walter Krumm then gave an excellently illustrated talk on the moons of Jupiter, discussing the phenomena of occultation, eclipse, transit and transit of the shadow.

Mrs Boltz followed with discussion of astronomical measurement. She told of triangulation survey method of establishing base line, and how the radius of the earth is used in measuring parallax of solar objects, whereas parallax of stars are measured using orbital radius, that is the astronomical unit 93,000,000 miles, which gives .78 seconds of arc for Alpha Centauri. She also mentioned parsec which is equal to distance necessary to give one second of arc in relation to the earth's orbit, and light years-  $6 \times 10^5$  to the 12th power, in miles.

Lucien Dunten then took the floor with a discussion of amateur telescopes. First he listed the advantages of the reflector type mentioning the simplicity, inexpensiveness and adaptability of the reflector to amateur needs. He then discussed power; relationship of the telescope to the job desired. His advice was for beginners to stick to f8 and the 6 inch mirror for a starter, not to go after too high magnifications.

Following a short question and answer period the group adjourned to the roof of the science building

## Second Planning Meeting

The second planning meeting was held at the residence of Dean Pritchett, 1945 Saratoga Avenue, Santa Clara, 9 March 1955, 8:00 PM.

All members were invited.

Attending were, Walter Krumm, Lucien Dunton, Peggy Boltz, Jack Delaney, Wesley Lindsay, Jack Boyce, Thomas Nelson, Rev Leonard H. Smith and Dean Pritchett.

Discussion was opened by Walter Krumm. A program was set up for the regular meeting 9 March 1955. ( 3rd monday ). ( copy atchd. )

Talk of proposed organization and/or incorporation was next and various opinions were expressed and many problems discussed. Decision was to appoint temporary chairman, vice-chairman and secretary treasurer subject to confirmation at regular meeting. This step would facilitate handling of meetings proposals of business nature and appointment of committees etc. for action in the future.

Accordingly the following nominations were made:

Chairman ..... Walter Krumm  
Vice-Chairman .. Wesley Lindsay  
Sect-Treas.....Dean Pritchett

Consolidation of questionnaires filled out by members was presented by the acting secretary ( copy atchd ) and from the data therein the proposal was made that the club become primarily an Amateur Telescope Club with secondary missions of discussion and study and observation.

A workshop was discussed along the idea of group projects and a tentative suggestion of a workshop night separate from regular meeting, when members could gather and work with mutual help and supervision.

Considerable coffee was consumed and meeting adjourned at 10:30 PM.

## A N N O U N C E M E N T

### **Amateur Stargazers To Meet at SJS News**

Amateur Astronomers will hold their March meeting Monday evening in room 21 of the basement of the science wing at San Jose State College at 7:30.

Organization problems, group projects, the constellation of the month and the solar system will be topics of discussion.

A membership survey showed that there are five completed telescopes in the organization and 11 more under construction.

Dear Member,

The March meeting of the Amateur Astronomers held Monday, 21st March, Rm #21, Basement of Science San Jose State College, at 7:30 PM.

Temporary Officers consisting of a Chairman,

Chairman and Secretary were appointed at March 9th Planning meeting subject to confirmation at this meeting.

Mr. Milner, Secretary of the Peninsula Astronomical Society, will be present to discuss problems of organization and incorporation. Proposals of an April Star-Party and a Monthly Work-Shop have been advanced for discussion and approval.

### DISCUSSIONS SLATED

1. Group Projects - Planetariums and Finders -- Mr. Krumm.
2. Constellation of the Month - LEO -- Mr. Nelson.
3. The Solar System -- Mr. Bieda.

It would be appreciated if members would bring to the meeting a list of Astronomical Books and Amateur Telescope Books that they might have in their personal libraries and which they would loan other members. Using these lists a master list will be compiled for distribution for use by all members.



## REPORT ON QUESTIONNAIRES (15)

1. Names proposed will be discussed at regular meeting 21 March.

2. For Incorporation--or-- In favor of waiting- 6 For - 9 Wait.

However- the word incorporation used in the questionnaire was probably poorly chosen. Incorporation, of course, entails considerably more than merely organization with elected officers, dues etc. Planning meeting favored at least organization with temporary officers, and further discussion was proposed for the regular meeting, with pertinent information regarding processes etc. which is now being gathered.

3. 14 Planning, construction and discussion of amateur astronomical telescopes.

10 Telescopic observation of astronomical subjects.

5 General observation to enable us to recognize solar objects and the principal constellations.

12 Program of discussion and study to improve our general knowledge of astronomy.

4. Interested in enrolling in class in astronomy if offered by the adult education program 8. (Fifteen is the minimum for requesting that the class be instituted.)

5. Interested in subscribing to Sky and Telescope if offered at reduced prices. 12 (3 are now subscribers.) Information so far is that to receive the reduced rate of \$2.50 the club must turn in a membership list and suscribe 100%-- further details on this is forthcoming.

6. Telescopes in the club.

Completed reflectors:

4" .....	2
6" .....	2
9" .....	<u>1</u>
	5 Total

Reflectors in process:

4" .....	1
5" .....	1
6" .....	6
8" .....	2
10" .....	<u>1</u>
	11 Total

It is felt that a total of 16 telescopes completed or under construction out of the 15 members so far turning in questionnaires is a really promising indication of our potentialities as a club. There are doubtlessly several more reflectors among the names now on the mailing list, and no word was received on any refractors.

If you still have your questionnaire, bring it to the meeting.

#### Fourth Meeting

The fourth meeting of the proposed astronomy club, scheduled for 7:30 PM in Rm #31, Science Wing, SJSC, was a little late in meeting due to difficulties in getting entry to the Science Building during semester break.

Dr. Anderson of the College Faculty happened by and opened the doors at 7:45.

Chairman Krumm opened the meeting and turned the floor over to Stephen Bieda for his talk on the Solar System. Steve gave a neat talk starting with the sun, running through the nine planets covering motions, phases, satellites, atmospheres etc.

Mr Milner, secretary of the Peninsular Astronomical Society at Palo Alto, was then introduced and briefed the group on the organization etc of the Western Amateur Astronomers, which is the group society under which the local units such as ours and the Peninsula group are organized for purposes of mutual support, benefit etc.

The Western Amateur Astronomers is organized with 15 member societies, each society having a representative with the WAA. Societies to belong must have at least twelve adult members. Board of Representatives meets at least once a year.

The WAA sponsors the yearly conventions, the Yosemite Convention being the big one of this year.

Mr Nelson gave the "Constellation of the month" with a talk on Leo. He covered both the stars of the constellation and those of the vicinity of special interest. This series of talks has proven especially interesting and instructive.

At the motion of Wesley Lindsay a collection of \$4.40 was taken up and turned over to the acting Secretary Treasurer to aid him in the purchase of stamps for mailing of notices etc.

Mr Krumm discussed briefly the program of construction of finders, planetariums and telescopes.

Planning meeting was set to meet at Walter Krumms 10628 Larry Way in Cupertino, on 6 April 1955.

One new member was present at the meeting and 5 questionnaires were accomplished adding to our total of telescopes completed and under construction.

Mr Johnson brought a large mantage photo of the moon whcih was displayed to the gathering.

Meeting was adjourned and science building locked at 9:40

Inner Quad was then investigated as a place to set up scopes. Opinion was favorable.

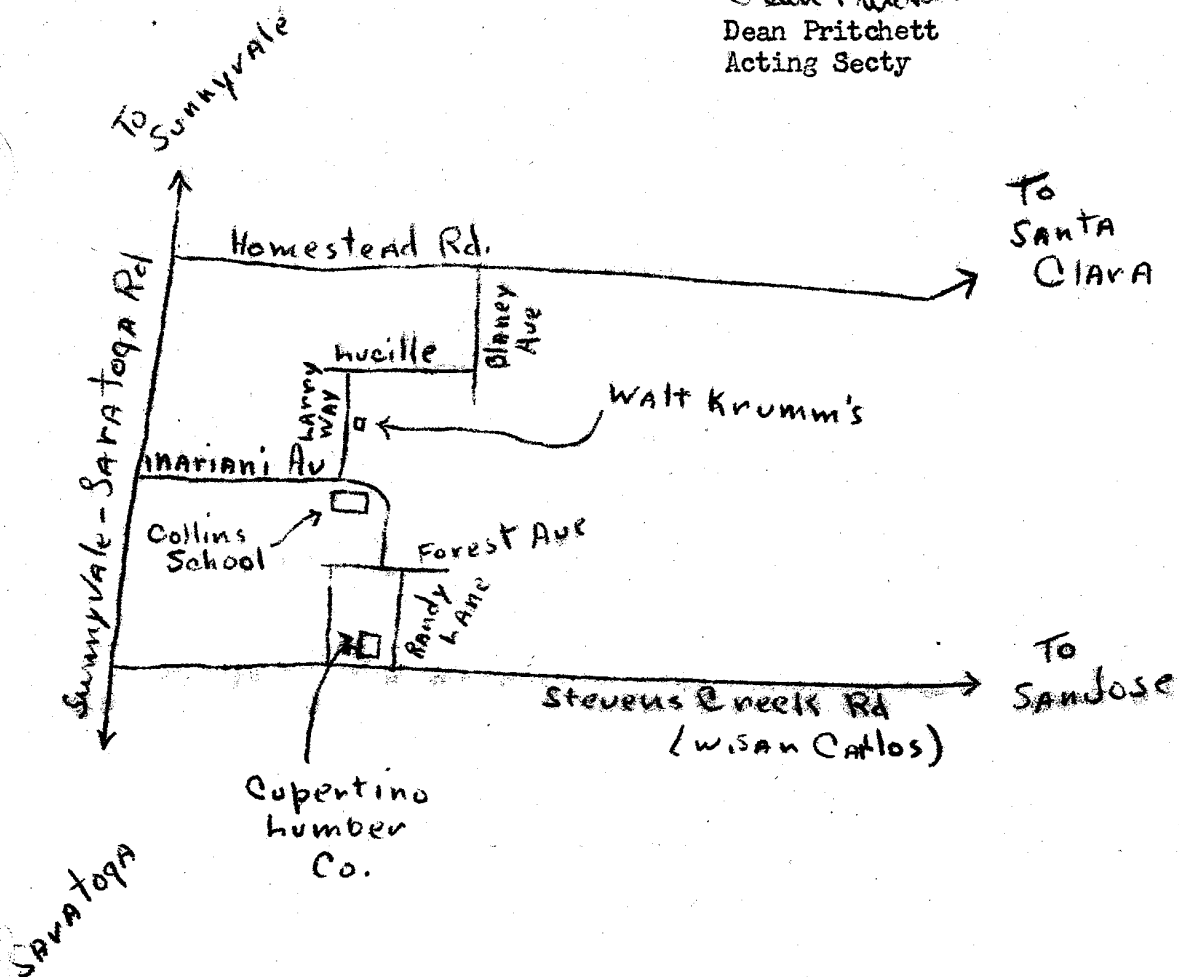
AMATEUR ASTRONOMY CLUB OF SAN JOSE

31 March 1955

Dear Member,

Planning meeting for the Amateur Astronomy Club will be held at 10628 Larry Way, Cupertino, Walt Krumm's residence, Wednesday, 6 April 1955. You are invited to attend. The map below may be of assistance in arriving at the destination.

Sincerely, *Dean Pritchett*  
Dean Pritchett  
Acting Secty



### Third Planning Meeting

The third planning meeting was held as scheduled at the residence of Walter Krumm in Cupertino.

Refreshments, including excellent coffee, were served before meeting was called to order at about 8:20. Nine members were present, as checked on membership rosters in back of Journal.

The April meeting was planned in informal discussion; program attached. Further discussion revolved about the future of the club and it was decided that the May planning meeting would take up a discussion of by-laws which might be incorporated into organization of our club. The proposed "Star Party" was talked over with Mr Lindsay suggesting the dry-run or rehearsal method to be employed in the observing held at regular meetings henceforth.. In other words planned observation with the members at the scopes prepared with an accurate line of pattern and an overall supervisor ( with sound system ), to shuttle visitors from scope to scope.

Steve Bieda and Robert Cunningham issued invitation to their "Star Part" which is to be held at the home of the latter, Saturday 23 April 55.

\$.75 was at hand at Krumm's residence contributed to the club's stamp fund by donors not present at the March meeting. Said 75 cents taken over by the Secretary, for incorporation with administrative account.

The meeting moved to the Krumm yard and vacant lot next door and observed Saturn, Jupiter and Mars and several binaries, using the Krumm 6 inch reflector and observed the moon with the 11 year old daughter's unsilvered 5 inch reflector ( a light but steady little scope, and pretty.)

Coffee, Cake and Adjournment at approximately 10:30

SAN JOSE AMATEUR ASTRONOMERS

APRIL MEETING

TIME: 7:30 PM, April 18th, Monday.

PLACE: Rm #31, Science Wing Basement, San Jose State Col

PROGRAM:

TALKS

Constellation of the Month - Ursa Major

Dean Pritchett

Optical Relationships in Finders

Wesley Lindsay

PRACTICAL DEMONSTRATION

Marking of the declination and ascension coordinates on a gallon can as part of the construction of a "tin can planetarium". Detailed instructions and star declination and ascension charts have been mimeographed and will be passed out at the meeting ( too bulky to mail ). Members are encouraged to bring along gallon cans painted white on the outside for ease of marking.

Stephen Bieda

Robert Cunningham

DO-NUTS AND COFFEE

OBSERVING

All members having portable scopes should bring them along. The plan is to set up in the inner Quad for observing following meeting. Members are encouraged to have certain specific stellar or solar objects in mind for their scopes with a brief description and/or definition of said objects. In other words we want to make this the first of a series of rehearsals or practice runs for the proposed "Star Party", date of which is to be set later.

Binoculars, Field Glasses, Finder Scopes etc will be welcome and useful. It is felt this should be a profitable and interesting meeting for all members.

INVITATION

All members are invited to a "Star Party" at 10958 Ridgeview Ave., S. J., Home of Robert Cunningham, Between 7:30-10:30 PM Saturday, 23 April 1955.

17 April 1955 (Sun)  
**Astronomers  
Meet Monday**

San Jose Amateur Astronomers will hold their April meeting at 7:30 p.m. tomorrow in Room 31 of the science wing basement at San Jose State College.

There will be talks on Ursa Major by Dean Pritchett and "Optical Relationships in Finders" by Wesley Lindsay.

Anyone interested in the stars is invited to take part in the meeting.

### Fifth Meeting ( April )

The fifth regular meeting of the Astronomy Club was held, as scheduled in Rm#31, Basement of the Science Wing SJSC, 18 April 1955.

Acting Chairman opened meeting at 7:40 with a sound-off roll call.

Eleven old members were present and 4 new members. Also guests, consisting of Mesdames Lindsay and Pritchett, Miss Krumm, daughter of Walter, Member Peterson's father and Don Thompson's girl friend, Miss Jan Orhwall.

Chairman Krumm turned meeting over to Dean Pritchett who gave the Constellation of the Month, Ursa Major, talk.

Wesley Lindsay then addressed the group on the optical relationships of Finders, bringing out many interesting points not generally known. He had with him three finders for which he claimed a record in time of construction, one day. These were used to demonstrate points of his talk. ( I vote for more talks on optics. )

Members Bieda and Cunningham took over with their demonstration of the TinCan Planetarium, having their completed model as an exhibition. Copies of directions and the star charts necessary for completing construction were passed out to all present. At the end of the demonstration of plotting coordinates and ascensions lights were turned off and the planetarium spun to show various constellations on the movie screen at front of room. Demonstration was successful and added much to the meeting.

General discussion followed, and Member Don Thompson brought up information on a plot of public land above Saratoga which might be available to the club for use as an observation point and open to development as a club observatory. This will be considered at the next planning meeting.

Coffee was served by a lady demonstrating Nestle ( rhymes with Wesley ) Cafe. Donuts were on the club. A collection of \$4.10 was turned over to the Secretary.

Henry Hill, Attorney, present for the first time, said he would be willing to incorporate the club. This will be discussed at planning meeting.

Planning meeting was set for May 4, at the residence of Wesley Lindsay, 10710 Ridgeview Ave.

Meeting adjourned at 9:45, Observation was called off due to weather conditions.

### Planning meeting for May

The planning meeting for May met at the residence of Wesley Lindsay, 10710 Ridgeway Avenue, in San Jose, May the fourth.

The group gathered at about 8:00 PM and first inspected Lindsay's lens grinding machine and the view of San Jose from the front lawn. Meeting convened about 8:30.

The first thing on the agenda was the name for our club. "San Jose Amateur Astronomers" was decided upon, subject to approval at regular meeting. Though it was felt that the name might be rather unimaginative it is concise and self-descriptive.

It was further proposed and discussed that the time had come to incorporate, or at least to organize more tightly with dues, officers, directors etc. The wheres hows and whens were tentatively decided upon for approval at regular meeting.

Dean Pritchett and Wesley Lindsay were set up as a committee to draft by-laws and investigate the details of incorporation.

It was tentatively proposed that there be no junior members as such- all members having voting rights; that dues be set at \$5.00 per year, from July 1st to June 30th; That a board of directors be elected for governing purposes, etc.

The meeting adjourned about 10:15.

Delicious coffee was served during the meeting and soft drinks for the younger set including Walter Krumm.

# Astronomers To Elect

San Jose Amateur Astronomers will meet tonight in room 31 of the Science wing basement at San Jose State College at 7:30 to elect a board of directors, hear reading of the by-laws and articles of incorporation, and hear talks on astronomical subjects. Speakers will be John Delaney, Wesley Lindsay and Robert Cunningham.

## SAN JOSE AMATEUR ASTRONOMERS

### MAY MEETING

TIME: 7:30 PM, May 16. ( Monday ).

Place: Room # 31, Science Wing Basement, San Jose State College.

#### Program:

#### TALKS

Constellation of the month -- Bootes

John Delaney

Optical Relationships in Finders ( Continuation )

Wesley Lindsay

Subjects for Amateur Observation

Robert Cunningham

#### ELECTION AND INCORPORATION

Events concerning our organization have moved fast in the last two weeks, starting at the planning meeting for May. It was decided that the time had arrived for more concrete organization, by-laws, dues etc. By-laws have been drafted, also Articles of Incorporation, and a Board of Directors proposed.

It is planned that these will be presented for your approval at this May meeting, and the Board of Directors elected and empowered to continue with the incorporation of our club. So plan to attend if at all possible.

Sincerely yours,



Acting Secretary



## May Meeting

Meeting convened at 7:45, 16 May at designated meeting place. Vice Chairman Lindsay opened the meeting and introduced Robert Cunningham, one of our 15 year old members.

Robert addressed the group on the subject of Objects for Amateur Observation, starting with the planets now in the sky giving their locations in relation to constellations and the best hours for observing each. He then covered double stars giving several of the more easily resolved doubles, then moved on to Nebula, gaseous and planetary and to Galactic clusters, open and globular, giving the more easily observable examples of each with their magnitudes and the magnifications necessary for best observing. His talk brought out the need for slides to illustrate each of the examples given, and for star charts such as those in the possession of Mr Krumm. Our Universe is so "full of such a number of things" that we need pretty close definition and cataloging to keep from going astray. In other words a person should know what he is looking at, and it is easy to get lost.

John Delaney gave The Constellation of the Month - Bootes, illustrating the form of the constellation and its location in relationship to Ursa Major. He brought out the fact that its member stars, outside of Arcturus are of such magnitude that they are difficult to see with the naked eye in competition with city lights. Arcturus though is the fourth most brilliant, and John brought the information that it was rays from Arcturus which were used to activate the opening lighting of the Century of Progress World Exposition in Chicago in 1933.

Mr Lindsay then continued his dissertation on lenses, Optical Relationships in Finders, Starting with the image as appearing to the naked eye placed at the point of the eyepiece and using an objective lens alone. Then starting with the simple lens eyepiece with its too long focal length and color aberration he described the Coddington lens with its sharp image and too small field. Then to the newer eyepieces with their reduced color and wider fields. He discussed specifically the Ramsden, Kellner and Huygenian eyepieces with details of construction focal lengths, magnifications etc.

Upon completion of his talk Mr Lindsay again took charge of the meeting and explained the objects of election of a Board of Directors and advantages of incorporation. He then called on the Secretary who read the proposed by-laws and Articles of Incorporation.

Mr Lindsay then asked for a motion to Incorporate the club.

Stephen Bieda made a motion that the Club be incorporated as the San Jose Amateur Astronomers. Mr Pritchett seconded the motion and it was carried by voice vote of members present.

Mr Lindsay then read a list of proposed directors as follows:

Stephen Bieda, San Jose  
Walter Krumm, Cupertino  
Thomas Nelson, Sunnyvale  
Lucian Duhten, Santa Clara  
Dean Pritchett, Santa Clara  
John Delaney, San Jose  
Wesley Lindsay, San Jose

( Continuation of May Meeting )

Donald Thompson made a motion that the list of Directors be accepted.  
Mrs Lindsay seconded the motion and the motion carried by voice vote.

The Articles of Incorporation and list of Directors were turned over to  
Mr Hill for further processing.

Meeting was adjourned at approximately 9:20 and informal discussion con-  
tinued till 9:30.

SAN JOSE AMATEUR ASTRONOMERS

CHARTER MEMBERS ?

At the May meeting of our heretofore proposed Amateur Astronomy Club a Board of Directors was elected and empowered to proceed with incorporation of the club.

THE BOARD

Walter Krum, Cupertino.

Thomas Nelson, Sunnyvale.

Wesley Lindsay, San Jose.

Lucian Dunton, Santa Clara.

Stephen Bieda, San Jose.

Dean Pritchett, Santa Clara.

John Delaney, San Jose.

Articles of Incorporation are now being processed. ( About one month in Sacramento.)

Our fiscal year (membership etc.) will be from July 1st to June 30th.

All persons on our mailing list are welcome to become charter members of our incorporated club. List will be held open till June 30th.

Membership dues are \$5.00 for voting membership, \$4.00 for non-voting membership. Both classes of members will receive "Sky and Telescope" published by Harvard Observatory as a privilege of membership. ( Normally 40¢ per copy or \$4.00 per year.) If you are already a subscriber you will get a prorated rebate. ( according to letter from Sky Publishing Co., dated April 55.)

Remittance may be made to Dean Pritchett, Secretary of San Jose Amateur Astronomers, 1945 Saratoga Avenue, Santa Clara. Further information may be had by calling personally at that address or Cherry 3-0386 ( Evenings.)

Sincerely Yours,

D. H.

At the May meeting of our heretofore proposed Amateur Astronomy Club a Board of Directors was elected and empowered to proceed with incorporation of the club.

THE BOARD

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Thomas Nelson, Sunnyvale.

Wesley Lindsay, San Jose.

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Sincerely Yours,

Dean Pritchett

Secretary

Booth at the Fiesta de San Jose May 25 -30th 1955

Almost at the last minute and at the request of Lucian Dunton the club decided to participate with a booth at the hobby show of the Junior Chamber of Commerce's Fiesta. Handouts were mimeo'd, Walter Krumm donated the use of his telescopes, Thomas Nelson a finished mirror, books and background material. Walter, Lou and Pritchett cut aluminized the lettering and set up the booth on the opening wednesday. Looked real nice it did and was the first booth inside the door of the exhibition tent.

Pritchett manned it Wed. night, Dunton Thursday and Delaney Friday. Then Bieda and Cunningham took over Saturday all day and evening. They had a field day to say the least. When observed by other members they were seen to have a line of customers (unpaying of course) for a look at the moon. Sunday the booth was unmanned and monday evening it was taken down and packed up for carting home.

Interest was general. Many took handouts. There was considerable inquiry and discussion. Whether it actually attracted any new members or not, it was worth while for the experience it afforded the club and for the general publicity gained.

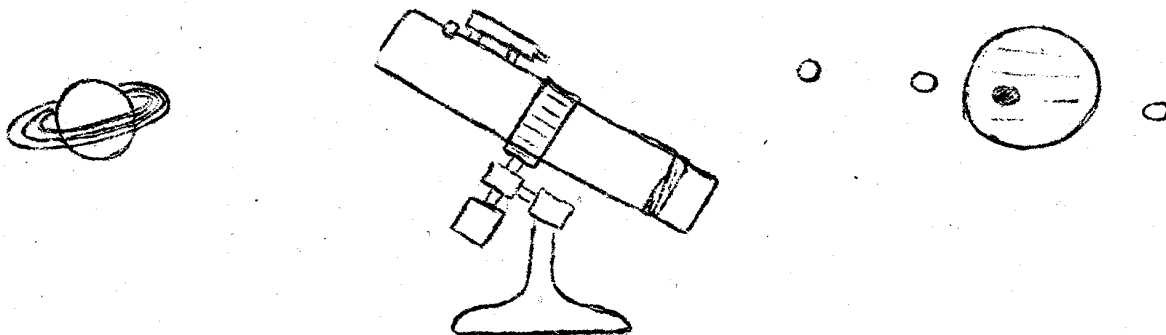
And below displayed - Our honorable mention ribbon.

1955  
HOBBY  
SHOW  
AWARD  
Sponsored by  
San Jose  
Junior Chamber  
of Commerce

HONORABLE  
MENTION

FIESTA  
de SAN JOSE  
May 25-30, 1955

Hand-out at Booth, Fiesta de San Jose May 25th to 30th 1955



### SAN JOSE AMATEUR ASTRONOMERS

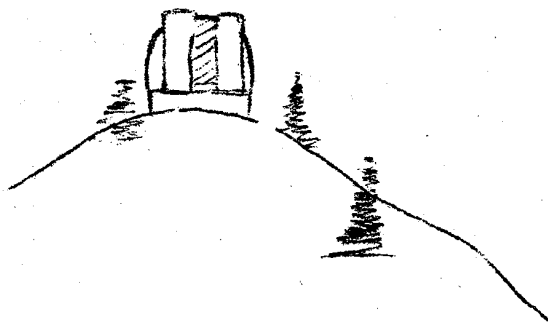
An Incorporated Non-profit Organization, meeting the third monday each month in room #31, Science Wing Basement, San Jose State College.

Our purpose is the encouragement of Amateur astronomical Observation and research. We especially desire to work with the age twelve to twenty group.

We have no "Junior Members" as such. All members are voting members upon payment of \$5.00 annual dues or non-voting members with \$4.00 annual dues. All members receive "Sky and Telescope", published by Harvard Observatory (regularly 40¢ per copy or \$4.00 per year), as a privilege of membership. Non-members are always welcome at meetings.

Further information may be had by writing the Club Secretary at 1945 Saratoga Avenue, Santa Clara, or calling CHerry 30386 (Eve.)

Charter Memberships are available till 30 June 1955



June Meeting , 20th June 1955, San Jose State College

Since the college was between terms Room #31 was unavailable so the meeting was held outdoors in the quad. Folding chairs and tables were set up and everything was under control except the weather, even though Mr Barrett himself was present.

Twenty four were present at the meeting including six new persons who had arrived at their destination some through the Fiesta handouts and some through the announcements in the San Jose News. Their names have been entered on the sailing list and roster.

Meeting opened soon after 7:30 with the Constellation of the Month, Scorpio, given by Stephen Bieda. Stephen followed out the outline of the constellation giving individual data on each of its main stars then he gave the data on other objects of telescopic interest within the astronomical boundaries of Scorpio.

Walter Krumm then carried on with the feature talk on telescopes. He gave the basic features of both reflectors and refractors then went on into the formulas and basis for focal lengths, magnifications, diameter ratios etc, for reflectors. The club is interested in stimulating the building of scopes and speeding up some of those that are already in the process of construction. Not with any personal implications but just that until we get a more fairly representative group of portable scopes we can't put on the show that we need for our organization. Walter's talk and the question and answer period led us into twilight and the appearance of Arcturus; also a chill wind for which as a group of amateur astronomers we were rather inadequately prepared.

Mr Krumm had his six inch reflector along and after the meeting the group took a look at Saturn which is now in the constellation Libra.

Meeting adjourned about 10:00

Informal discussion centered around the comet now in the northwest at dusk and north east in the very early morning. And also on the eclipse-longest for a thousand odd years which was total for a large portion of the asiatic continent today.

JUNE MEETING

SAN JOSE AMATEUR ASTRONOMERS

TIME: 7:30 PM, 20th June 1955.

PLACE: Room # 31, Basement of Science Building, San Jose State College; or, if clear and warm - center of Quadrangle, San Jose State College.

PROGRAM:

"Constellation of the month"- Scorpio - Stephen Bieda.

"Telescopes" - Walter Krumm - Different kinds of telescopes -  
What kind of telescope do you need for what you want to do -  
relationships of focal length magnification etc. - Members  
may be ready to say a few words about why they chose the  
type and size of scope they are building or using.

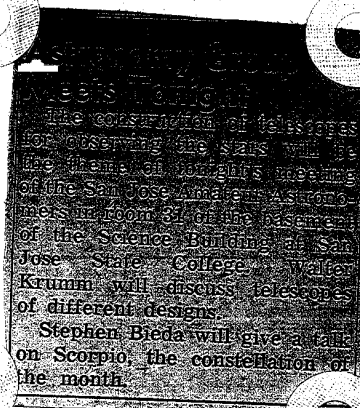
Observing - weather permitting - following the meeting -  
all telescopes and binoculars welcome.

REMINDER:

Deadline for charter memberships 30th of June. If possible  
plan to complete your membership at this meeting,

Sincerely,

*Dean Pritchett*  
Dean Pritchett  
Secretary





### June Planning Meeting

Held on the first day of June at John Delaney's. Was rather an off day due to the fact that several members usually present were working on the night shift or fishing on the Klamath river or were otherwise pleasantly or unpleasantly occupied. However new members R. W. Fergusun and Beryl Garcia showed up to help make the meeting interesting, and the fact that it didn't break up till almost 11:00 PM proves that it was.

After planning the meeting ( announcement enclosed ) talk centered about planetary observation and construction of telscopes.

Besides the new members afore mentioned presant were Walter Krumm, John Delaney ( of course ) Bill Raub and Dean Pritchett.

Mrs Delaney served rolls and delicious coffee of which I atleast drank entirely too much.

## SAN JOSE AMATEUR ASTRONOMERS

### MEMBERS -

Stephen W Bieda Jr, 29 Clareview Ave., San Jose 27. CL 8-5709  
W. J. Weller, 2548 Gerald Way, San Jose. CY 7-1739  
W. J. Krumm ( Pres.) 10628 Larry Way, Cupertino. AX 6-6005  
Dean Pritchett, 1945 Saratoga Ave., Santa Clara. CH 3-0386  
Lucien F. Dunton, 1927 Saratoga Ave., Santa Clara. AX 6-6706  
Jack Boyce, 1770 Cleveland Ave., San Jose. CY 5-4563  
Donald Thompson, 31 El Caminito, Campbell. FR 8-4908  
John Delaney, 2410 Woodland Ave., San Jose. AX 6-8559  
Thomas J. Nelson Jr., (Sctry) 822 West Iowa Ave., Sunnyvale. RE 6-3679  
Wesley Lindsay, (Vice Pres.) 10710 Ridgeview Ave., San Jose CL 8-2356  
Beth Lindsay, 10710 Ridgeview Ave., San Jose. CL 8-2356  
Richard F. Barrett, 1520 Santa Maria, San Jose.  
Learoyd C. Taylor, 244 W. Reed St., San Jose.  
Robert Cunningham, 10958 Ridgeview Avenue, San Jose.  
Brian Peterson, 2248 Parkwood Way, San Jose.  
Bill Raub, 21 Foss Avenue, San Jose. CL 8-2372  
Robert W. Ferguson, 274 Mission St., San Jose. CY 7-3130  
Beryl Garcia, 225 N. Milton Ave., Campbell.  
Laura Garcia, 225 N. Milton Ave., Campbell.  
William H. Geisler, Medico-Dental Building, San Jose.  
Henry G. Hill (Honorary) 465 S. 15th St. CY 4-7711  
Donald W. Anderson, 712 Harrison St., Campbell.

### Mailing list -

Harold Johnston, 16566 Lark Ave., Los Gatos. EL 4-1436  
Harry Cass, 1799 San Luis Ave., Mountain View.  
Howard E. Mallett, 20699 Rodriguez Ave., Cupertino.  
Nelson Campos, 560 Madison St., Santa Clara.  
Joseph A Vasquez, 271 W. St. James St., San Jose.  
Virgil C. Garber, 1159 El Abra Way, San Jose.  
H. E. McFarland, 2439 Cory Ave., San Jose.  
Martha Deutsch, 2056 Heatherdale Ave., San Jose.  
Mrs R. W. Boltz, 3191 Garnt Drive, San Jose.  
Rev Leonard H. Smith, P.O. Box 241, Cupertino.  
Reggie Woff, 31 Locust St., San Jose.  
Eugene Cisneros, 10267 Ashdale Dr., San Jose.  
L. H. Bixby Jr., 820 Richmond Ave., San Jose.  
Louis J. Derich, Lor-A-Lou Ranch, (Casa-Loma Rd.) Rt#1 Box 324, S.J.  
Bob Kagel, 2282 Sunny Vista Dr., San Jose.  
Martin McHan, 1958 Murgia, Santa Clara.  
Betty Mutz, 59 So. 5th St. Apt # 18, San Jose.  
James Arbuckle, 988 Franquette Ave., San Jose.

Policy -

We welcome additions to our mailing list and particularly welcome mailing list members to full voting membership. Our meetings are open to everyone to visit or to take part in the program. This includes regular meetings or planning meetings. Mailing list members will receive all notices and bulletins of the club until they have failed to attend any meetings for a period of three months. However the Secretary will be glad to ~~continue notices indefinitely if he is so notified.~~ Notices will of course be stopped if such stoppage is requested.

7 July '55

## July Planning Meeting

The July Planning meeting was held at the residence of Stephen Bieda Jr 29 Clareview Ave., San Jose. Ten members were present, six of whom were members of the board. This meeting was scheduled to be a combined board meeting and planning meeting; the first business at hand to be that of the board. Meeting came to order at 8:25 PM.

The Secretary explained that it was necessary to complete subscription lists to the "Sky and Telescope" to have a co-signer, the President of the Organization- and as our organization as yet did not have a president it would be expediant to elect same, also a vice-president and a secretary to take over the reins from acting secretary Dean Pritchett who is scheduled to depart this area for several months in the near future.

A motion was made by Dean Pritchett that Walter Krumm be elected president; motion was seconded by Wesley Lindsay and carried.

A motion was made by Dean Pritchett to elect Wesley Lindsay Vice-President; motion was seconded by Stephen Bieda Jr. and carried.

A motion was made by John Delaney to elect Thomas Nelson Secretary-Treasurer; motion was seconded by Stephen Bieda Jr and carried.

Discussion was then held centered around the future of the club especially concerning a tie-in with adult education for both Classes in Astronomy and in Construction of Telescopes. Walter Krumm signified his willingness to teach construction classes if he could work out a progame suitable and acceptable to the adult education authority.

After discussion of meeting places Mr Lindsay volunteered to investigate the engineering building of San Jose State College; meantime meeting place to remain Rm # 31, Science Wing Basement.

It was suggested that the mailing list be pared and that the Secretary obtain stamped addressed reply cards for mailing list members who have failed to attend meetings in the last three months to signify if they desired further notifications from the club. All mailing list members to remain in standing as long as attending meetings.

Discussion of necessity of establishment of some standing committees was held and the President will take said matter under advisement.

Planning --- Robert Cunningham volunteered for Constellation of the Month. Mr Krumm will continue his talk on the Amateur telescope, going into mountings for this meeting. Mr lindsay will give a talk on Books - Astronomical.

As an afterthought the Secretary was instructed to correspond with the Harvard Observatory re: subscribing to the Harvard Observatory Announcements- object to keep the club informed and up to date on things astronomical.

Meeting adjourned at approximately 10:30 after view through OL BETSY the Bieda telescope.

**Astronomers To Meet  
At SIS Tomorrow**

San Jose Amateur Astronomers will meet at 8 p.m. tomorrow in room 31, Science Building Basement, San Jose State College.

The program for the evening will include a talk by Robert Cunningham on Sagittarius, a continuation of the telescope discussion by Walter Krumm and the first of a series of short discussions on astronomical books by Wesley Lindsay. Meetings are open to all interested persons.

17 July 55

**SAN JOSE AMATEUR ASTRONOMERS**

**JULY MEETING**

**TIME:** 8:00 PM, Monday, 18 July 1955

**PLACE:** Room #31, Science Building Basement, San Jose State College.

**PROGRAM**

" Constellation of the Month " - Sagittarius, the Archer -

Robert Cunningham

Telescopes - A continuation of last month's Talk - Will cover mountings -

Walter Krumm

Books - Astronomical and allied - To be a series of short talks covering books on matters astronomical, telescope construction, optics etc.

Wesley Lindsay

Observation - With cooperation of weather - bring your telescopes, binoculars, spotting scopes, monoculars or one good eye correctable to 20/20,

Sincerely, *Dean Pritchett*

Dean Pritchett  
Corresponding Secretary

EIGHTH REGULAR MONTHLY MEETING

18 July, 1955

The 8th regular meeting of the SJAA was held in Room 31 of the Science Wing of SJSC on Monday 18 July at 8pm. The meeting was called to order by Mr. Krumm.

The program commenced with Bob Cunningham's discussion of "Sagittarius", The Constellation of the Month. He explained how to locate the constellation, after which he acquainted us with some of the many of the nebulae that are to be found in this area of the sky.

Steve read a letter presenting a refracting telescope to our first secretary, Dean Pritchett, who missed his very first meeting of the club due to illness. All the members of the club join with Steve and Bob Cunningham in wishing Dean the very best of good fortune on his forthcoming trip overseas.

Mr. Krumm continued his discussion from last month by giving us a very excellent discourse on telescope mountings. By the use of some clever diagrams he talked about six distinct types, to include: alt-azimuth; German mount; fork type; double yoke type; split ring, or equatorial mount; and the Springfield mount. He also discussed observatories and turret-type mountings, after which he gave us many good pointers on the construction of a mount for an amateur telescope.

Mr. Lindsay was absent from the meeting and therefore unable to give his scheduled discussion on "Books". It was suggested that we postpone this topic for the next regular meeting.

Members of the club were invited to attend the next business meeting on 3 Aug. 55 at the home of Tom Nelson in Sunnyvale.

The meeting was adjourned at 9:15.

Most of the members retired to the quadrangle for about an hour to look through Mr. Krumm's scope and the refractor presented to Mr. Pritchett.

It is to be noted that 3 new guests were present ~~at~~ at the meeting, all 3 of whom read the notice in the Sunday paper. The three were Bob Webb, Larry Wilson, and Carl Erickson.

## SEVENTH PLANNING MEETING

The August business and planning meeting was held at the home of Tom Nelson on Wednesday 3rd of August at 8:00pm. Nine members and one guest were present.

Minutes of the previous meeting were read and accepted.

Mr. Lindsay reported that the Articles of Incorporation for our club had been returned to Mr. Hill, and arrangements were made for all members of the Board to sign them when practicable. Mr. Dunton was the only board member absent, and Mr. Pritchett agreed to inform him of the proceedings.

Mr. Krumm reported to the group that the SJAA have been officially invited by the Peninsula Astronomy Club in Palo Alto to attend a star party on the evening of the first Friday in September. More details are forthcoming.

It was suggested by Mr. Krumm that we as a club consider having a display at the County Fair in September. Various suggestions were presented, and it was generally agreed that some action should be taken.

The program for the August meeting was arranged.

There being no further business the meeting adjourned at 10:00 o'clock.

Tom Nelson, Secy.

SAN JOSE AMATEUR ASTRONOMERS

AUGUST MEETING

TIME: 8:00 PM, Monday, August 15th.

PLACE: Room #31, Science Building Basement, San Jose State College.

PROGRAM

"Constellation of the Month" - Cassiopeia.

Bob Ferguson.

"Books, Astronomical and Allied" - To be a series of short talks covering recommended books on matters astronomical, optical, telescope construction, etc.

Wes Lindsay.

"Theory and Application of the Focault Test" -

Dr. Geisler.

"Telescope Mountings" - A continuation of last month's talk, with specific plans for construction.

Walt Krumm

The San Jose Amateur Astronomers have been invited to a Star Party on the evening of Friday, Sept. 2nd. Come to this meeting for more specific details.

Sincerely,

  
Tom Nelson, Secy.



NINTH REGULAR MEETING

15 Aug. 1955

Room 216, Science Wing.  
San Jose, State College

The meeting was called to order by Mr. Krumm at 8:05 pm.

The Articles Of Incorporation of this club, having been signed before the meeting, were read to the club by Mr. Krumm. A standing vote of thanks was given Mr. Henry Hill for his splendid assistance in helping us to incorporate the club.

The first presentation of the evening was Wesley Lindsay's discourse on "Books". He covered Amateur Telescope Making, Book One, edited by Albert Ingalls. His summary of the book was very complete, and served to acquaint all of us with scope of the material covered in this book.

Bob Ferguson was next on the program with "Cassiopeia" the Constellation of the Month. This was a very informative discussion, and his diagrams were particularly illuminating.

Dr. Geisler's presentation of the Foucault Test was a tough assignment, but the Dr. handled it very well. He covered the entire subject in about 40 minutes, and those of us who were not too familiar with this test learned a lot from his talk.

Mr. Krumm's talk on mountings continued from the previous month was postponed due to the late hour.

The club was reminded of the coming convention of the Western Amateur Astronomers in Yosemite, and those of us who could attend were urged to do so.

Further notice of the invitation from the Peninsula Astronomical Society in Palo Alto to attend their annual Star Party was given by Mr. Krumm. The date of the affair is Friday Sept. 2nd. The place is at the Commercial Center Group at the corner of Middlefield Rd. and the Embarcadero in Palo Alto.

It was decided to mail to each member of the club a questionnaire pertaining to our participation in the Santa Clara County Fair to be held in September. The Sec'y. will meet with Mr. Krumm to further this program.

The meeting adjourned at 9:45, but the group was invited to stay for the purpose of inspecting Dr. Geisler and Mr. Krumm's demonstration of the Foucault test. This was a well-planned and arranged demonstration, and was warmly welcomed by all members present. It is to be hoped that similar demonstrations can be arranged for future meetings.

SAN JOSE AMATEUR ASTRONOMERS

<sup>1</sup> Sept. 1955

MEMBERS

ANDERSON, Donald W., 712 Harrison St., Campbell

BARRETT, Richard F., 1520 Santa Maria, San Jose  
BIEDA, Stephen W. Jr., 29 Clareview Ave, San Jose  
BOYCE, Jack, 1770 Cleveland Ave., San Jose

CUNNINGHAM, Robt., 10958 Ridgeview Ave., San Jose

DELANEY, John, 2410 Woodland Ave., San Jose  
DUNTON, Lucien F., 1927 Saratoga Ave., Santa Clara

ERICKSON, Carl E., Morgan Hill, Calif.

FERGUSON, Robt. W., 274 Mission St., San Jose

GARCIA, Beryl, 225 North Milton Ave., Campbell  
GARCIA, Laura, 225 North Milton Ave., Campbell  
GEISLER, Wm. H., Medico-Dental Bldg., San Jose

HILL, Henry G., (Honorary) 465 So. 15th St., San Jose

KRUMM, Walt J., 10628 Larry Way, Cupertino

LINDSAY, Wesley, 10710 Ridgeview Ave., San Jose  
LINDSAY, Beth, 10710 Ridgeview Ave., San Jose

NELSON, Thomas J. Jr., 822 West Iowa Ave., Sunnyvale

PETERSON, Brian, 2248 Parkwood Way, San Jose  
PRITCHETT, Dean, 1945 Saratoga Ave., Santa Clara

RAUB, Bill, 10390 South Capitol Ave., San Jose

TAYLOR, Learoyd C., 244 West Reed St., San Jose  
THOMPSON, Donald, 31 El Caminito, Campbell

WELLER, W. J., 2548 Gerald Way, San Jose

# SAN JOSE AMATEUR ASTRONOMERS

## NON-MEMBERS

1 Sept 1955

ARBuckle, James, 988 Franquette Ave., San Jose CY 4-8316

BOLTZ, Mrs. R.W., 3191 Garnet Drive, San Jose AX 6-2905

~~BIXBY, L. H. Jr., Lor-A-Lou Ranch, (Casa Loma Rd.) Rt #1 Box 324, San Jose~~

BIXBY, L. H. Jr., 820 Richmond Ave, San Jose CY 5-5318

CASS, Harry, 1799 San Luis Ave., Mountain View YO 7-4710

CAMPOS, Nelson, 560 Madison St., Santa Clara AX6-7097

CISNEROS, Eugene, 10267 Ashdale Drive, San Jose CL 8-7068

DEUTSCH, Martha, 2056 Heatherdale Ave., San Jose AX 6-1499

DERICH, Lor-A-Lou Ranch, (Casa-Loma Rd.) Rt #1 Box 324, San Jose

GARBER, Virgil C., 1159 El Abra Way, San Jose CY 4-9130

GILMOUR, Malcolm, 10126 South Highway 9, Cupertino CH 3-5178

HASSIN, Ahmed Ben, 661 North 15th St., San Jose

JOHNSTON, Harold, 16566 Lark Ave., Los Gatos EL 4-1436

KAGEL, Bob, 2282 SunnyVista Drive, San Jose

MALLET, Howard E., 20699 Rodriquez Ave., Cupertino AX 6-7506

McFARLAND, H. E., 2439 Cory Ave., San Jose AX 6-7532

McHAN, 1958 Murgia, Santa Clara (Martin) AX 6-2202

MUTZ, Betty, 59 So. 5th St., Apt. #18, San Jose CY 3-0756

SMITH, Leonard H. (Rev.) P.O. Box 241, Cupertino

VASQUEZ, Joseph A., 271 West St. James St., San Jose CY 4-1527

WILLIAMSON, E. E., 1435 Kiner Ave., San Jose CY 2-2184

WILSON, Larry, 10298 Murtha St., San Jose

WEBB, Bob, 10319 Murtha St., San Jose

WOFF, Reggie, 31 Locust St., San Jose

## EIGHTH PLANNING MEETING

The September business and planning meeting of the San Jose Amateur Astronomers was held in the home of Bob Ferguson at 274 Mission Street in San Jose. Meeting time was 8:00 o'clock Wed. Sept. 7th.

Dr. Geisler brought his newly completed 8 inch telescope and we all had a look at Saturn.

The possibility of having a display at the Santa Clara County Fair was postponed until 1956, when more equipment will be available for display.

The purchase of larger quantities of abrasives by the club was discussed. No decision was reached.

A library of neoprene forms for pitch laps was suggested by Mr. Krumm.

The Star Party at Palo Alto was brought up, and a poll was taken of those planning to attend.

Mr. Krumm agreed to write the Oakland Astronomy Club and find out where to get a copy of the convention proceedings.

The program for the next general meeting was arranged. This meeting will be held 19 Sept. 1955 at 8pm in the Science Wing of San Jose State College.

There being no further business the meeting was adjourned.

These minutes were taken by Mr. Anderson in the absence of the secretary.

SAN JOSE AMATEUR ASTRONOMERS

SEPTEMBER MEETING

TIME: 8:00 PM, Monday, September 19th, 1955

PLACE: Room #31, Science Building Basement, San Jose State College

PROGRAM

"Constellation of the Month" - Pegasus and Andromeda.

Dr. Wm. Geisler.

"Meteors" - A general discussion by our guest speaker from the Palo Alto  
Astronomical Society.

Mr. J. Wesley Simpson

Member, AAVSO

"Telescope Mountings" - A continuation of the previous discussion,  
with specific plans for construction.

Mr. Walt Krumm.

There will also be a series of short informal talks given by some of the  
members who attended the recent convention in Yosemite.

Sincerely,

*Tom*  
Tom Nelson, Secy.

MINUTES OF THE SEPTEMBER MEETING

10  
\* Regular

The regular monthly meeting for September was held in room 219 of the Science Building of San Jose State College on Monday September 19 at 8:00pm. The meeting was called to order by Mr. Krumm.

Steve Bieda gave a short talk reviewing some of the more interesting papers presented at the recent convention at Yosemite. He was followed in order by Bob Cunningham, Miss Margaret Ann Krumm, and Walt Krumm.

A copy of the proceedings for the 1954 annual convention of the Western Amateur Astronomers was presented to the club by Mr. Krumm. This book is to be circulated among the members, after which it will become a part of the club library.

Dr. Geisler presented the Constellations of the Month, Pegasus and Andromeda. He pointed out many interesting features of these constellations, including mythology, location, nebulae, clusters, etc. His discourse on the Andromeda Nebula was particularly interesting.

Walter Krumm completed his series of talks on telescope mountings by giving us details on the best ways to make a tripod mount. These talks by Mr. Krumm have been very informative, and have been greatly appreciated by the members of the club.

Steve Bieda and Bob Cunningham invited all members and guests to attend the 4th annual B&C Star Party at the Lor-A-Lou Ranch on October 8th.

The meeting adjourned at 9:45pm.

The majority of the group met in Columbus Park on Taylor Street after the meeting, and enjoyed about an hour of good seeing through the 3 scopes present.

MINUTES OF THE OCTOBER PLANNING MEETING

*Oct Planning*

The meeting was called to order at 8:00 by Mr. Krumm.

The secretary pointed out that legal matters pertaining to the Articles of Incorporation have been completed, and a copy has been filed with the County Clerk. As of now no bill has been received from Mr. Hill for his services.

Bob Cunningham was commissioned to get quotations of carborundum in 10 lb. lots. He will report to the club at the next general meeting.

A letter written by Dean Pritchett has won sixth prize in the recent Unitron Contest, and a 30 mm viewfinder has been received by the secretary. This viewfinder is the property of the club, and will be used as the club sees fit.

A schedule is to be set up to facilitate notifying members each time a Harvard Announcement card is received by the club secretary. Plans for this schedule will be completed in the near future.

A committee was formed by Mr. Krumm to plan the project of building a club telescope. The committee is composed of Mr. Krumm, Steve Bieda, Bob Cunningham, Dr. Geisler, Wesley Lindsay, and John Delaney. A chairman will be elected by the committee, and he will report to the club as soon as their recommendations are completed.

Communications have been received by the secretary from the Astronomical League pertaining to the matter of our club joining this league. An information brochure is being circulated among the members, and a vote may be taken later to determine if we as a club wish to join.

The program for the next meeting was completed. This meeting is to be held at 7:30 on Monday evening the 17 of October. Place will be the Science Building of San Jose State College.

There being no further business the meeting adjourned at 9:30.

This meeting had convened at the home of Dr. Geisler at 1148 Naglee in San Jose. Very delicious refreshments were served by Mrs. Geisler, after which we enjoyed looking through the Doctor's telescope for almost an hour.

SAN JOSE AMATEUR ASTRONOMERS

OCTOBER MEETING

TIME: 8:00 PM, Monday, October 17th, 1955.

PLACE: Room # 31, Science Building Basement, San Jose State College.

PROGRAM

"Constellation of the Month" - Perseus

Mr Carl Ericson.

"Problems of Expansion in Glass - A Comparison of plate, pyrex.  
etc.

Mr Walter Krumm

"How to Collimate" - A general discussion and demonstration.

Mr Steve Bieda

These talks will be followed by a question and answer period. Mr Krumm will act as moderator. Jot down your questions on telescopes, mountings, eyepieces, general astronomy, or what have you and bring them along.

Weather permitting, the group will reconvene in Columbus Park on Taylor Street after the regular meeting is adjourned. Bring your telescopes or binoculars and join the fun!!

I am very sorry that Mr. Simpson will be unable to be with us this month, but he will honor us with his talk on Meteors as soon as conditions permit.

Sincerely, *Tom*

Tom Nelson, Secy.



MINUTES OF THE OCTOBER GENERAL MEETING

(117 Reel 10)

The October meeting of the San Jose Amateur Astronomers was held in room #210 of the Science Building of San Jose State College on October 17, 1955. The meeting was called to order at 8:00pm by Mr. Krumm.

The "Constellation of the Month" was presented by Mr. Erickson. His subject was Perseus, which he presented very well.

"Problems of Expansion in Glass" was the topic next discussed. Mr. Krumm covered the subject very well in a few minutes. Talks of a technical nature such as this are to be encouraged in forthcoming meetings.

Steve Bieda took the floor next to tell us "How To Collimate". He discussed and thoroughly explained two methods of collimation.

A question and answer period followed, with Mr. Krumm acting as moderator. Many subjects were brought up, discussed, and generally speaking satisfactory answers were given.

Bob Cunningham reported on the price of carborundum grains in bulk lots. The price is very reasonable, and purchases may yet be made.

There being no further business the meeting adjourned at 10:00pm. The next business and planning meeting is to be held in the home of Don Anderson on Nov. 2nd.

NOVEMBER PLANNING MEETING

*10-11 Planning*

The November planning meeting of the San Jose Amateur Astronomers was held on Wednesday November 2nd at the home of Don Anderson in Campbell. The meeting was called to order at 8:00 pm by Mr. Krumm.

It was announced by Mr. Krumm that the next planning meeting will be held on December 7th at the home of Mrs. R. W. Boltz in San Jose, and the following meeting is to be held January 4th at the home of Bob Cunningham in San Jose.

Mr. Krumm called the club telescope committee to a meeting on Monday November 7th. The group is to meet at Dr. Geisler's home in San Jose at 7:30, and will attempt to formulate plans for our club telescope.

The program for this month's general meeting was arranged, as follows:

"Constellation of the Month" - Taurus - Malcolm Gilmour.

"Map of the Universe" - Bob Ferguson.

"Book Review" - Bob Cunningham

"Orrery, Model of the Solar System" - Tom Nelson.

It is hoped that the committee chairman will be able to give us a report on the status of planning of the club telescope.

The meeting was adjourned at 10:00.

SAN JOSE AMATEUR ASTRONOMERS

CLUB TELESCOPE COMMITTEE

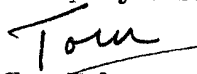
The committee for formulating plans for construction of a club telescope met for the first time on Monday November 7th, 1955. The meeting was held in the home of Dr. Geisler in San Jose. Present were committee members Krumm, Cunningham, Bieda, Geisler, Delaney, and Nelson. Absent was Mr. Lindsay.

Mr. Delaney was elected committee chairman. Mr. Nelson will act as secretary for the committee.

The following pertinent points were decided, contingent upon approval by the membership as a whole:

1. We shall endeavor to make two telescopes, the first of which is to be a 6 inch reflector to be completed as soon as possible.
  - A. Focal length will be approximately an f. 8.
  - B. Weight of the telescope and mount should be kept at a minimum so that it will be highly portable.
  - C. This telescope will be loaned to members and prospective members for approximately 2 weeks each turn.
  - D. Cost of materials is to be kept at a minimum.
2. Construction of the second telescope is to commence after the completion of the 6 incher.
  - A. The design of this mirror is to be distinctive, such as a 10 or 12 inch richest field.
  - B. The design of the mount is to be such that the telescope is also portable, though necessarily not as readily portable as the 6 inch.
  - C. The quality of construction and material is to be of the very highest possible order.
  - D. All of the work should be done by members of the club on a voluntary basis.

Further details of the large telescope will be decided at future meetings. All members are urged to give their time and talents as freely as possible to further the completion of these projects.

  
Tom Nelson, Sec'y., SJAA

SAN JOSE AMATEUR ASTRONOMERS

NOVEMBER MEETING

TIME: 8:00pm, Monday November 21, 1955.

PLACE: Science Building, San Jose State College.

PROGRAM

"Constellation of the Month- Taurus" - Malcolm Gilmour.

"Map of the Universe" - Bob Ferguson.

"Book Review" - Bob Cunningham.

"Orrery, Model of the Universe" - Tom Nelson.

A committee has been appointed by our president Mr. Krumm to foster the construction of a club telescope. This committee is composed of the following members: Mr. Krumm, Mr. Delaney, Mr. Lindsay, Dr. Geisler, Mr. Bieda, Mr. Cunningham, and Mr. Nelson. The committee met for the first time on Monday November 2nd and elected Mr. Delaney as chairman.

A number of pertinent points have been decided by the committee, but final approval is dependent upon YOUR vote at the November meeting. Mr. Delaney will give us a full report at this meeting, as actual construction of the 'scope has already commenced!

Sincerely,



Tom Nelson, Sec'y.

## MINUTES OF THE NOVEMBER MEETING

The November general meeting of the San Jose Amateur Astronomers was held Monday 21 November 1955 at 8:00 in the Science Wing of San Jose State College.

The meeting was called to order by Mr. Krumm.

The first part of the program was Malcolm Gilmour's presentation of The Constellations of the Month, Taurus and the Pleiades. He gave each person a previously prepared star chart of these two constellations. This was a big help in the discussion, and Malcolm is to be commended for his foresight and thoroughness.

Bob Ferguson told us about the map of the universe, as seen through the eyes of the "Big Schmidt", the 48 inch on Mt. Palomar. He accompanied his talk by a number of pictures, both of the instrument itself and the pictures it takes. Very interesting and very informative.

Bob Cunningham gave a book review covering three popular books. His coverage of "New Handbook of the Heavens" and Beginner's Star Book" was particularly good. These books are recommended reading for all members of our club.

Tom Nelson told us about an Orrery, or model of the solar system. His talk was based on a particular model, and the reference article in Scientific American was circulated among the group.

The report on the club telescope came from the committee chairman, John Delaney. He explained all decisions that the committee has reached. Refer to the minutes of that meeting for point by point decisions.

A motion was made and duly passed to purchase a 6" mirror kit from Margaret Ann Krumm for \$8.50. The Sec'y was instructed to send Miss Krumm a check for that amount.

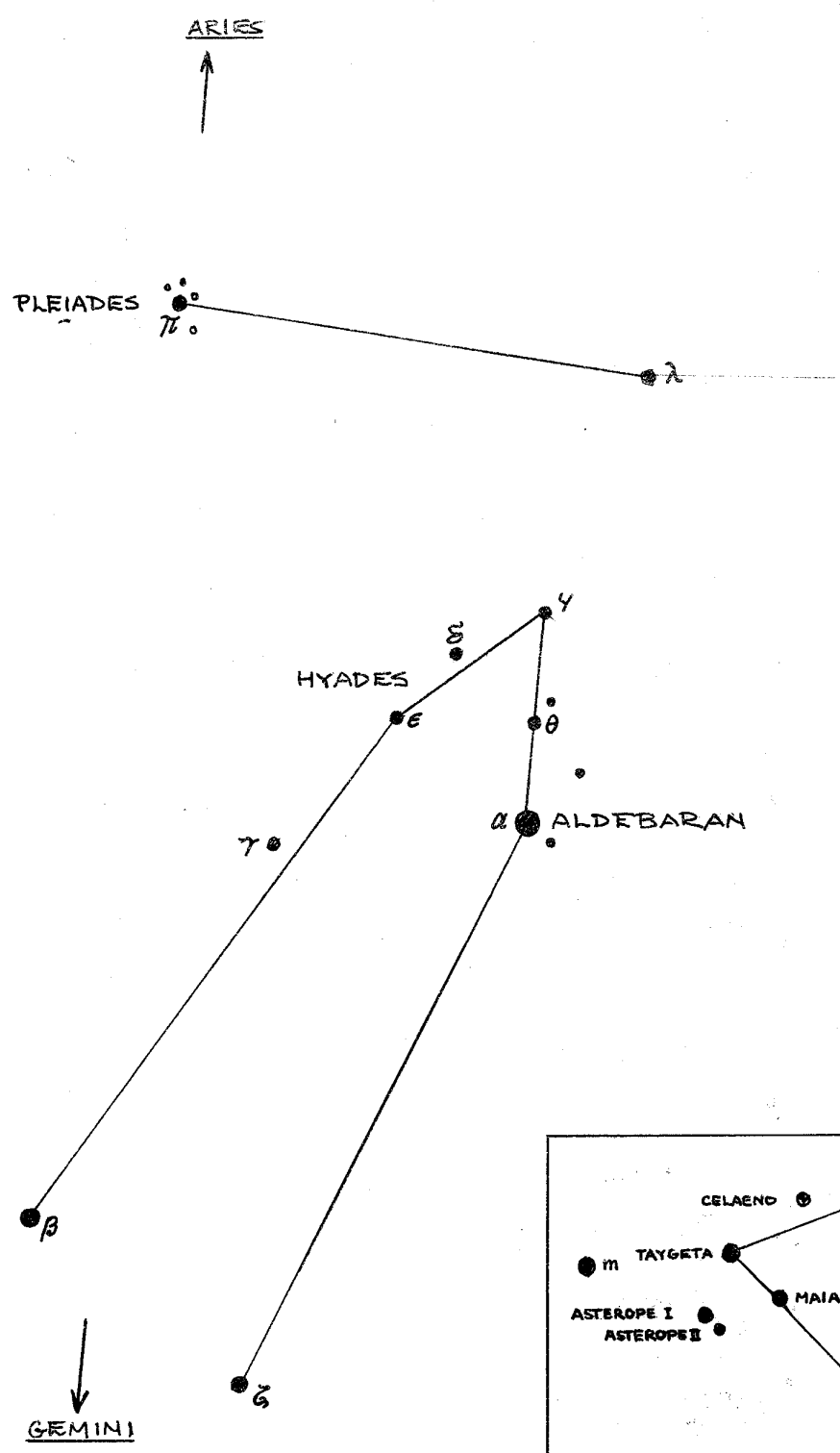
Steve Bieda announced to the gathering that he and Bob Cunningham are preparing a series of star maps (27 in all) that will be offered for sale as soon as they are printed. He quoted a special price of \$1.50 per set to members only.

Mr. Krumm announced that the next planning meeting will be held at the home of Mrs. Boltz on Garnet Drive.

The meeting was adjourned at 10:00.

A small group gathered in Columbus Park after the meeting to admire Dean Pritchett's new 2.4 refractor. A very nice instrument that does a good job.

Malcolm Gilmour is to be welcomed as the club's newest member.

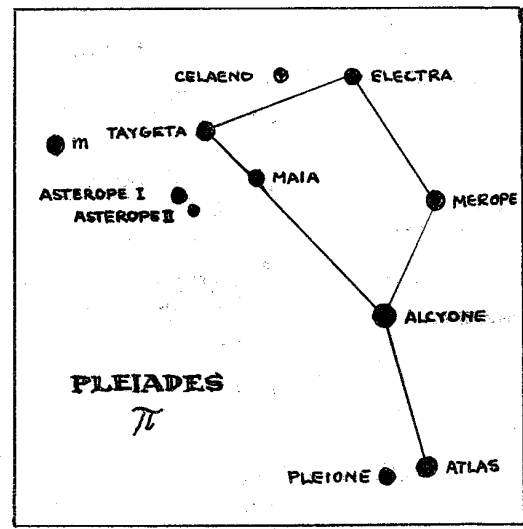


SJAA  
CONSTELLATION FOR NOVEMBER 1955

# TAURUS

STAR MAGNITUDES					
● 1 <sup>ST</sup>	● 2 <sup>ND</sup>	● 3 <sup>RD</sup>	● 4 <sup>TH</sup>	● 5 <sup>TH</sup>	AND UNDER

Gilmour



SAN JOSE AMATEUR ASTRONOMERS

DECEMBER PLANNING MEETING

The December planning meeting was held in the home of Mrs. R. W. Boltz at 3191 Garnet Drive in San Jose on 7 December 1955. Present were Mr. and Mrs. Boltz, Walter Krumm, Miss Margaret Ann Krumm, Don Anderson, Carl Erickson, John Delaney, Malcolm Gilmour, and Tom Nelson.

Mr. Krumm mentioned the fact that Steve Bieda will contact Mr. J. Wesley Simpson of the Palo Alto club to see if Mr. Simpson can talk to the club for the January meeting.

The program for the December meeting was decided, as follows;

- 1) Constellation of the Month - Auriga; Mr. Dean Pritchett.
- 2) The Planet Mercury - Bob Cunningham. This is the first of a series dealing exclusively with on planet each month.
- 3) The Christmas Star - Mr. Don Anderson.
- 4) An Introduction into Variable Stars - Mr. Walter Krumm.

There being no further business, the meeting was adjourned at 10:00pm.

3/

SAN JOSE AMATEUR ASTRONOMERS

DECEMBER MEETING

TIME: 8:00 PM Monday, December 19, 1955

PLACE: Science Building, San Jose State College.

PROGRAM

"Constellation of the Month" - Auriga

Mr. Dean Pritchett

"The Planet Mercury"

This discussion commences a series of talks, each dealing with a separate planet.

Bob Cunningham

"The Christmas Star"

This will be the story of the Star of Bethlehem, with many interesting stories and theories as to the true nature of the Christmas Star.

Mr. Don Anderson

"An Introduction into Variable Stars."

Mr. Walter Krumm

It is to be noted that this meeting will mark an anniversary for the San Jose Amateur Astronomers. Although officially we are not a year old, the first meeting that led to the formation of our club took place on December 6th, 1954. Only a handful of members were present at that meeting. Our club is much larger now, and we expect an extra large turn-out at this December meeting. Won't you come?

Sincerely,

Tom Nelson, Sec'y.



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13

MINUTES OF DECEMBER MEETING  
SAN JOSE AMATEUR ASTRONOMERS

The December general meeting of the San Jose Amateur Astronomers was held in the Science Wing, San Jose State College on 19 December, 1955. The meeting was called to order at 8:00pm by Mr. Krumm, President.

It was announced by Mr. Krumm that the next business and planning meeting will be held in the home of Bob Cunningham at 10958 Ridgeview Ave. in San Jose. Time will be 7:30 pm on January 4th, 1956.

The Planet Mercury was discussed by Bob Cunningham. His coverage of the planet was very thorough, and his talk was well organized.

Dean Pritchett presented the Constellation of the Month - Auriga. With the aid of a very nice projector he told us many interesting things about Auriga, and most members are anxious for the skies to clear so that we may have a better look at Auriga.

Next came the Story of the Christmas Star, as told by Don Anderson., and a splendid story it was. Most of us are in accord with the idea of there having been some natural and actual phenomenon in the sky at the time of the birth of Christ, although we do not necessarily agree as to the exact nature of the Christmas Star. Among the possibilities discussed by Mr. Anderson were:

- 1) Venus
- 2) Conjugation of Jupiter and Saturn in 7 BC
- 3) Comets and meteors
- 4) Novae
- 5) Supernovae

It was announced by Mr. Krumm that Mr. J Wesley Simpson will be present at the January general meeting to give us his talk of "Meteors".

Steve Bieda announced that the price of ~~the~~ the Star Charts under preparation will soon be increased from \$1.50m per set to \$2.00 per set.

Walter Krumm gave the last talk of the evening "An Introduction to Variable Stars". He explained the various types of variable stars, how they vary in magnitude, and other pertinent points.

The meeting was adjourned at 10:00pm.

and Mr. John Cry.

Mr. Wallace Phelps ~~were~~<sup>were</sup> guests for the first time and ~~be~~<sup>were</sup> welcome.

Present were: Malcolm Gilmour, Mr. Taylor, Mr. Pritchett, Mr. Nelson, Mr. Anderson, Mr. Erickson, Mr. Raub, Dr. Geisler, Miss Krumm, Mr. Krumm, Mr. Ferguson, Steve Bieda, Bob Cunningham, and Brian Peterson.