VI. Number 6

OFFICIAL BULLETIN

March, 1946

THE MARCH MEETING

of the

SOUTHERN CALIFORNIA CAMELLIA SOCIETY

will be held on

THURSDAY EVENING, MARCH 14, 1946

in Odd Fellows Temple, 175 North Los Robles Ave., Pasadena, Calif.

7:30 P.M.—INFORMAL FLOWER SHOW. Camellia gardens are now a riot of color. This month's exhibit should exceed even last month's —if such a thing is possible. Don't "let George do it." Bring your choice blooms. Have them on the tables by 7:30 p.m., marked with name of variety and exhibitor. The lucky exhibitor will take home Camellia "MATOSI."

3:00 P.M. (Precisely)—BUSINESS! Action on amendments to constitution and by-laws (see page 2 for the amendments to be acted upon). Report of Nominating Committee, Victor Wagoner, chairman (in

cahoots with Jack Hudlow and Paul Scott).

8:15 P.M.—PLANT NUTRITION. Camellias give so much and ask so little—but they do have to be fed. Feeding time is approaching. What to feed them? When? How?

Dr. David Appleman, Associate Professor of Plant Nutrition, University of California at Los Angeles, will speak on this important topic. Bring your note book! See page 2 for further details.

3:00 P.M.—PRIZES. To save time, tickets will be sold only at the door. Members door prize is Camellia "Pink Ball." Publications fund, Camellia "Paul William Jannoch 3rd." These, and the exhibitor's prize, are donated by the Jannoch Nurseries, 2295 Windsor Ave., Altadena. The prize for the test garden fund—hold on to your seats, folks—will be a new variety. Application for its registration is now pending. A. A. Dontanville, 2775 Lincoln Ave., Altadena, associated with Jannoch Nurseries, has donated his own personal "new one," "LADY OF LOURDES." Remember—tickets at door, on your way in.

3:15 P.M.—TRANSPLANTING OF CAMELLIAS. Have you a plant you wish were in another spot in your garden? Here is your chance to find out when and how to transplant. Leslie Marshall will give a ten-minute talk, backed by worlds of experience. Mark Anthony will follow with a few remarks, also based upon wide experience. Questions and general discussion.

9:30—or thereabouts—TAPS.

Roster of Officers

Southern California Camellia Society

President:

DR. DAVID W. McLEAN 2508 South Santa Anita Avenue, Arcadia ATwater 7-2703

Vice President:

DR. LLOYD J. TÄYLOR 810 Highland Drive, Flintridge SYlvan 0-2088

Secretary:

THOR PETERSEN 1670 Las Flores Avenue, San Marino SYcamore 9-3748

Treasurer

ROBERT A. WARD 4947 Hartwick, Eagle Rock Albany 5721

Directors:

ROY M. BAUER — ATlantic 1-2183 MRS. CARLO GALLI — SYcamore 9-2108 J. HOWARD ASPER — SYlvan 0-1998

Committee Chairmen:

Membership— C. E. PEAK — STate 4-0426

Program— ETHEL CAMPBELL — SYcamore 9-5256

Prizes— MRS. VERN O. McCASKILL — Sycamore 3-4677

Reception— JOHN A. HUDLOW — SYcamore 9-3504

Exhibit-

MRS. FLORENCE DOUGLASS — CHarleston 6-14

Nomenclature Research— MRS. CARLO E. GALLI — SYcamore 9-2108 314 Arroyo Drive, South Pasadena

Horticultural Research— ROBERT CASAMAJOR — SYcamore 2-7641

Camellia Book Distribution— E. C. TOURJE — SYlvan 0-1630

MRS. ROY M. BAUER — ATlantic 1-2183 2035 Sherwood Road, San Marino

HONORARY MEMBERS

William Hertrick, Huntington Botanical Gardens Dr. H. Harold Hume, University of Florida

MARCH MEETING—(Continued)

DR. APPLEMAN will discuss, among other things:

1—The correct (or incorrect) use of aluminum sulfate, iron sulfate, epsom salts, sulfur, gypsum, etc.

2—The value of redwood fibre, redwood shavings, tan bark.

ings, tan bark.
3—Soil testing kits and correct methods for testing soils.

4-Drainage in heavy soil.

5—Are there special growth activators in barnyard manure? Are these growth activators found in other organic fertilizers?

AMENDMENTS—By order of the Board of Directors, the following amendments will be submitted to the membership for action:

l—Constitution, Article 4, Officers: Amend to read as follows (bold face denotes words added): "The officers of this society shall be a President, a Vice-President, a Secretary, a Treasurer, an Editor and Business Manager of the Official Bulletin, and five Directors, of whom one shall be a professional grower. These officers shall be elected annually. The Board of Directors shall from time to time survey the membership and establish zones from which directors shall be chosen in order to maintain equitable representation of the membership. No professional grower shall be eligible for the office of president of this society."

Amend Article 8 as follows: Strike out the words "one dollar per year" so the article will read: "The dues of this society shall be payable in advance on January 1 of each year..."

2-Administrative By-laws, Article 1, Par.

"The Treasurer shall collect all dues and he charge of all funds of the society; he skeep an accurate record of all receipts a disbursements; he shall pay out moneys sub to the approval of the Board of Directors, a shall prepare an annual budget for submiss to the Board of Directors."

ADD A NEW PARAGRAPH 5: "The Editor the Official Bulletin shall have full charge the editorial policy and procedures relating the official bulletin of the society, subject approval of the Board of Directors. He she an ex-officio member of all committees."

ADD A NEW PARAGRAPH 6: "The Busin Manager of the Official Bulletin shall have charge of all business matters relating to publication of the official bulletin of the soci subject to approval of the Board of Direct All moneys received from the activities of official bulletin shall be paid into the gent fund of the society, and the Treasurer si set up a special bookkeeping account for Bulletin."

AMEND ARTICLE 2 AS FOLLOWS: "...dw
Board (of Directors) shall adopt an annual had
get for the activities of the society, and Th
payment of all bills shall be subject to
proval of the Board; it shall pass upon a
applications for membership and shall e my
Honorary Members at its discretion and stres
ratify appointments to all committees of en
society."
4.2

The Board shall from time to time survey the membership and establish zones from which frectors shall be chosen in order to maintain equitable representation of the membership in the Board of Directors.

EEBRUARY WAS A BUSY MONTH. Camellias were blooming their heads off. So were camelfans. The joint meeting of this society with Southern California Horticultural Institute, ் in Elks Temple, Los Angeles, on February was outstandingly successful. An attendance F 1100 filled all four sides of the room; the neer was filled with large tables covered a splendid display of camellias. Robert a splendid display of the Institute, presided his usual genial manner. Your own presiexplained the activities and objectives of society, purposely refrained from giving information as to the time and place of February meeting, knowing full well that meeting place could not begin to accommeeting place could not begin to accom-arcate such a crowd. A wise precaution, as will realize when reading the account of own meeting.

Howard Asper, superintendent of Rancho escanso, talked to the joint meeting on camelaculture and gave a list of 20 varieties he asiders especially desirable. They were:

Debutante, Kumasaka, Francine, Enrico Betmi, Madame Hovey, Te Deum, Pope Pius IX, L. Firey, Prof. Sargent, Julia Drayton, Alba Ena, Lotus, Caprice, Mathotiana Alba, Pax, Marikagura, Emperor Wilhelm, Laurel Leaf, Erme and Candida Elegantissima.

Our own February meeting fulfilled this mine's prediction — caused the Odd Fellows apple to bulge at the seams. Its capacity of chairs left 150 persons standing in the mak of the room throughout the meeting. Ten the tables were covered with specimen blosins by 25 amateur exhibitors plus the prossional ones. Mrs. Lloyd J. Taylor had tured the town, obtained black velveteen acugh to cover all ten tables (34 yards!). The the aid of indefatigable Secretary Petert, the cloth was cut and prepared. The process of it to the tables at 6:20 p.m., just time for the first exhibitor!

The vice-president, Dr. Lloyd John Taylor, and a poised and gracious presiding officer the president's absence. Program Chairman Excellence Ethel Campbell introduced the saker of the evening, Bill Woodruff, whose teresting and valuable talk was taken down a shorthand and will appear, in digest, in at month's Bulletin.

in addition to our usual camellia prizes, three in addition to our usual camellias were doziwood tubs suitable for camellias were doted by George Widmenn of San Gabriel.

The prizes at the February meeting brought \$6.50 into the treasury. Half of this went to be publications fund, while half completed tyment for the public address system, set up reserve of \$25 for its maintenance, and started the new test garden fund with a balance of \$4.25. Nice going!

The February meeting was the largest in our history. A year ago, the February meeting, high spot of the year, saw over 50 persons standing around the back of the room in the Pasadena Public Library; sharply pointed the necessity for a larger meeting place. This year's top meeting, with 150 standing (many of them faithful old-timers on our membership roster, while a very large number of casual visitors enjoyed seats), together with a traffic jam around the exhibit tables which would have fazed both traffic officers and stop-and-go signals, have pointed up a major problem for our Board to solve.

THE BOARD OF DIRECTORS met on February 27 at the home of Secretary Thor Petersen. After inspecting Thor's immaculate and very beautiful garden and colonial lath house, and bowing low before Thor's "High Hat," the Board settled down to a heavy agendum.

The Treasurer reported in the general fund, \$407.07; publications fund, \$556.07; public address fund reserve, \$25; test garden fund, \$24.25; total, \$1022.43. We are still solvent!

The Secretary read communications from various parts of the United States relative to out-of-state memberships, subscriptions to our Bulletin, applications for registration of new varieties.

The following applicants were voted to membership:

Paul Seidl, Los Angeles; Elam Sprunger, No. Hollywood; Mr. and Mrs. Harold Young, Bell, Calif.; Mrs. F. W. Andrews, So. Pasadena; Victoria Reynolds, Covina; Mrs. Frazee Burke, Los Angeles; Mr. and Mrs. Don M. Fowler, Wilmar; Ethel Keary, Glendale; M. P. Brandrup, Wilmar; Mrs. W. L. Rifenberick, Glendale: Mr. and Mrs. L. H. Robinson, Covina; Lester F. Harrell, Pasadena; Mr. and Mrs. Peter Morat, Downey; Mrs. John R. Lodge, Pasadena; Mrs. Edythe Dial, Pasadena; Miss Marjorie Cooke, Pasadena; Earl W. Mallory, Temple City; Mr. and Mrs. Frank E. Ford, So. Pasadena; Mr. and Mrs. James A. Perry, East San Gabriel; Mrs. LeRoy E. Knowles, Los Angeles; Edmund E. Taylor, Kaweah, Calif.; Mr. and Mrs. G. Wyman Hope, Pasadena; Mr. and Mrs. Harry D. Machin, Pasadena.

Reinstated: John R. Lodge, Pasadena; Col. C. M. Gale, Pasadena; LeRoy E. Knowles, Los Angeles; Fred Willard.

San Diego: Mr. and Mrs. C. R. Clerk, Alpine; Mr. and Mrs. Elmer C. Hall, San Diego; Mrs. Dorothy K. Hanigan, Ramona; Mr. and Mrs. Harper A. Kelly, San Diego; Mr. and Mrs. F. H. M. A. Parrish, Chula Vista; Mr. and Mrs. F. H. Tylor, Lamesa; Dr. and Mrs. Reuban Tellem, Ramona; Mr. and Mrs. C. W. Brown, San Diego; Mr. and Mrs. H. G. Ploger, La Jolla; Mr. and Mrs. A. L. St. Clair, San Diego; Mrs. George Wills and Miss Frances Wills, Lemon Grove. This brings our membership to α total of 432.

The Registration Committee reported favorably on applications for the registration of

new varieties "High Hat" and "General George Patton." The Board of Directors voted that these varieties be registered and their descriptions published in the Bulletin. They will be found elsewhere in this issue.

The Nominating Committee suggested to the Board that two new officers be established in the society: an editor of the Bulletin and a business manager of the Bulletin. The Board so voted and the necessary amendments will be submitted at the March meeting. The Nominating Committee also suggested that two additional directors be so selected that the Board may become more truly representative of our principal areas of membership. Such a plan is being prepared.

A member of the Horticultural Research Committee sent a communication urging that the secretary be given a substantial honorarium, pointing out that a great deal of clerical work fell to his lot. This member pointed out that we have emerged from the period of the "small Thursday night prayer meeting" into much larger activities, and that we cannot "straddle, with one foot in the Thursday night prayer meeting and one foot in a larger sphere; we must either remain in the one or advance into the other."

Following upon the heels of that crowded February meeting, this suggestion gave much food for thought. A special committee of the Board is studying the problem, for which we hope to find the solution before the end of the current season.

Dr. McLean reported, as a director of the American Camellia Society, that a meeting of that society's Board of Directors had been held in Savannah, Georgia, on February 9, and that routine business had been transacted. Dr. Hume was appointed chairman of a committee on nomenclature and registration. Dr. McLean, asked to nominate someone from this area to serve on that committee, had nominated Mrs. Carlo E. Galli, who is chairman of the same committee in our Southern California Society and thus able to establish an important liaison with the work of the national society. Our Board of Directors approved the nomination.

Asked also to nominate someone from this area to write an article on "Camellia Culture in Southern California," Dr. McLean had nominated the Horticultural Research Committee of our society. Our Board of Directors approved the nomination.

The American Camellia Society has now enrolled 700 members and has \$7,000 in the treasury.

On February 23, the Board of Directors and those who had contributed as individuals to the California Test Garden, of which this society is joint sponsor with the Huntington Botanical Gardens in San Marino, made a trip through the "Camellia Canyon," "personally conducted" by Curator William Hertrich. Those who had visited the project a year ago were amazed by the amount of work that had been

accomplished in these most difficult time Many more seedlings have been established in the canyon; a new path and steps have been built and much other planting and graftin have taken place.

Those who had not before seen the test gaden were also amazed—at the vastness of the project and the boundless possibilities in making the test garden a mecca for camell lovers throughout the world. Hats off to the indomitable and indefatigable curator of the gardens, to Anne Galli, whose brain child test garden is, to the committee who has walked the floor with it, and to all faithful buyers of test garden prize tickets. Even those buyers can't all win, they still can lose!

REPORT FROM OUR SAN DIEGO COMP NENT SOCIETY—First, congratulations on the February Bulletin. It was splendid!

Our San Diego group surely had a delight experience last Sunday, the 10th, in visiting Mr. and Mrs. L. H. Boyle's camellia garde in Del Mar. The lath houses and grounds we surely sparkling, and I was told, confidentian of course, that Mr. Boyle was out early Sundamorning shining and polishing each individualed! Although his plants were just past the peak performance, no one was disappointed I can assure you; in fact, the 75 to 80 gues were all very enthusiastic over his fine and blossoms.

His working displays of rooting cutting with specimens showing each stage of rodevelopment, from the cutting to the pottistage, and his vivid samples of the variates in grafting, were very well presented.

No little part of the enjoyment were the and refreshments served by Mrs. Boyle, assed by Mrs. R. E. Lee. It was so pleasant the "four o'clock" was completely ignored.

Clarisse M. Carlton, Secreta

MORE RETURNS FROM RECENT BALLOT

20 choicest camellias: Number Variety (4); English (1); Tea Garden (1))..... Gaiety Ella Drayton..... 45 Anita . 46 Alexander Nowlin 48 Rose Queen..... 49 Nobilissima Pink Shell Ville de Nantes..... Otome (Pink) Aurora Borealis..... Monarch Barrone de Bleichroeder..... K. Sawada..... Donklaeri (Western, Moniisu var.) Mathotiana Alba..... Ecstasy
Fanny Bolis
Enrico Bettoni Mrs. Chas. Cobb

In later issues, a few lists by experts.

EGISTRATION OF NEW VARIETIES

EMELLIA HIGH HAT, registered by Coolidge Plant Gardens, is a Sport of Daikagura, was first bloomed November 15, 1938. It is a sport of Daikagura, was first bloomed November 15, 1938. It is a sport of the plant was, with average rapidity, to compact form. It is a sport of the sport of the plant with a cuminate tip, margin deeply and irregularly serrate; in margin deeply and irregularly servate; with a sport of top of leaf, holly green, with the sport of top of leaf, holly green, with the sport of top of leaf, holly green, with the sport of top of leaf, holly green, with the sport of top of leaf, holly green, with the sport of top of leaf, holly green, with the sport of top of leaf, holly green, with the sport of top of leaf, holly green, with the sport of top of leaf, holly green, with the sport of top of leaf, holly green, with the sport of top of leaf, holly green, with the sport of top of leaf, holly green, with the sport of top of leaf, holly green, with the sport of leaf, holly green, with the sport of top of leaf, holly green, with the sport of top of leaf, holly green, with the sport of top of leaf, holly green, with the sport of top of leaf, holly green, with the sport of top of leaf, holly green, with the sport of top of leaf, holly green, with the sport of top of leaf, holly green, with the sport of top of top of leaf, holly green, with the sport of top of top of leaf, holly green, with the sport of top of top of leaf, holly green, with the sport of top of top of leaf, holly green, with the sport of top of top of leaf, holly green, with the sport of top of

Tie blossoms are of peony form, of softest cathered in white; size, 11-12 cm.; has 20 aris and many petaloids.

EMELLIA GENERAL GEORGE PATTON, regreed by Coolidge Rare Plant Gardens, is a secting, one of whose parents is C. Purity, the other unknown. It was first bloomed Janution. 1939, and its blooming period is Democratical Democratical Property of the period of

te plant grows rapidly, is of open form,

The leaf is heavy, elliptic, has slightly serwed margin, with pinnate veining; length, and the length, serwed margin, before to the length of the length of

Tie blossoms are of rose form, neyron rose stor (623/1, horticultural color chart); they is fill cm. in size, and have 46 petals.

HISTORICAL—The organization meeting of the Southern California Camellia Society, called together by Mr. R. C. Long, was held on January 8, 1940. It was a dinner meeting, attended by 32 persons. Temporary officers elected were: chairman, Harry Davis; vice-chairman, John Lodge; secretary, Mark Anthony; treasurer, E. H. Carter.

Paul Shepp, Clarence Hearn and Mrs. Carlo E. Galli were appointed to draw up a constitution and by-laws. Mr. Long was appointed membership chairman, with Messrs. Bordier, Dreifus and George Hill as local members and Messrs. Schmekel, Swim and Burkhard as Ontario members.

The matter of dues was discussed, suggestions being \$1.00, \$2.00 and higher dues for commercial than for amateur members. Voted that \$1.00 be donated by any who might wish, to be later credited toward dues.

Messrs, Shepp and Bordier suggested that α camellia show be held. (Perennial suggestion, but as yet no formal show has materialized. What about next year?)

Miss Opal Scarborough told of the winter flower show to be held February 6, 7, 8, 9, and suggested that a member of the society appear on the Aggeler & Musser radio program Sunday over KECA. Mr. John Lodge was selected to speak, "and did a very fine job of it."

The society was given its present name. Voted to hold the next meeting at the Pasadena Public Library two weeks later.

"The meeting closed with everyone in good humor."



The Staggered Lath Roof

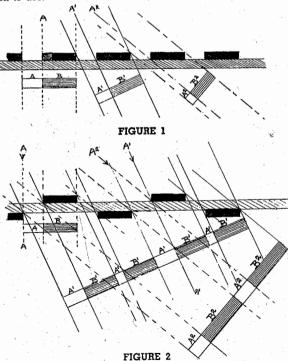
Much interest has been shown hereabouts, during the last two or three years, in what might be termed the staggered lath roof. Formerly it had been customary to use 1%" laths, spaced one lath apart, the laths in one plane, nailed to the top of a strip of $1'' \times 4''$ wood. The newer design staggers the laths above

and below the l" x 4" strip.

The staggered roof is said to have been used in the East for many years. At any rate, it seems to have been introduced here by Dr. G. A. L. Melquist, formerly Assistant Professor of Floriculture at the University of California at Los Angeles. Dr. Melquist recommended the use of 13%" laths spaced horizontally about one inch apart (five to one foot), but attached alternately above and below a 1" x 4" strip. This places the laths in two planes, with 3/4 vertical separation between them. The object is to reduce the penetration of the vertical rays of the sun at noon and to permit increasingly more sunlight to penetrate through the wider diagonal spaces between upper and lower laths when the rays also are diagonal during the morning and afternoon.

Having some lath roof to build, this pseudoscientific scribbler embarked upon an analysis of the staggered lath roof to see what happens, whether vertical separation of the strips is desirable and, if so, how much vertical separa-

tion to use.



Drawings were made to scale, using late 3%" thick, 1%" wide, spaced horizontally, 1 apart. In one drawing (Figure 1), the lath str were all placed in one plane; in Figure 2, of vertical separation was introduced; in Fig. 3, 1" of vertical separation; in Figure 4, 19

Vertical lines drawn between the lath str indicate the noontime vertical rays of the True, the types having vertical separation tween alternate laths might admit more like that would have to be measured with a lmeter. The amount of actual vertical sunsh and shadow would be indicated by the lin and would be the same in all four types The ratio of sun to shadow at noon

37.5% sun to 62.5% shadow.

In all four drawings we then passed diago lines between the lath strips at an arbiti angle which we assume to be that of the at midmorning and midafternoon; these the solid diagonal lines in all four drawing marked A1; the areas of vertical sunshine marked A, while the areas of shadow marked B'. In all four drawings will be fo broken lines passing between the laths lower angle, arbitrarily representing the la sun rays of early morning and late aftern These lines are marked A^2 ; the areas of are marked A2 and the areas of shadow marked B2.

In considering the old-fashioned lath

having the laths all in one p (Figure 1), all of the strips of are equal; all of the strips of dow are equal; the computati simple. The early morning is 20% sun to 80% shadow. midmorning ratio is 31.8% st 68.2% shadow. The noon is 37.5% sun to 62.5% sha The midafternoon ratio in t diagrammatic calculations w be the same as the midmor and the late afternoon rationsame as that of early morning

Turning now to a staggered type of construction having of vertical separation (Figure we find the slanting sun pa through the diagonal space to it and causing a broad str sun; the next diagonal s however, faces away from sun and only a narrow str sunshine penetrates; the stri shadow are equal. The morning (and later afternoo tio is 28% sun to 72% sho at midmorning and midafter the ratio is 30% sun to 70% dow; at noon, 37.5% sun to shadow.

It is staggered lath type, havand one inch of vertical separarigure 3), still more interestings happen. At midmorning idafternoon we find every zand of sun to be extremely while, again, the shadow and late afternoon, the sha-The interest of two loths join to create in a create band of shadow; thus are only two bands of sun two of shadow in a drawing shows four horizontal spac-compact spaces shows four laths. The ratios are in กส์ and late afternoon, 40% sun 3 1 n i midafternoon, 31% sun to snadow.

s staggered lath roof haves such that separation (Fig. 4), we have, in the and late afternoon, more an shadow, the ratio being strain to 45.2% shadow. At arrining and midafternoon, the rined shadow of two laths at a band of shadow twice was a band of shadow twice own wide as that of sun, the ratio white as that of sun, the ratio

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Figure 5 shows these percentgraphically. Analyzing place it is interesting to note that:

of S. I. Noon, the ratio of actual fisher actual shadow remains that are actual shadow remains that are and in all four types of rocf. . In

.... midmorning and midafterthe variation between the mentages of sun in roofs Nos. 2 3 and 4 is only 3.3%. Sur-

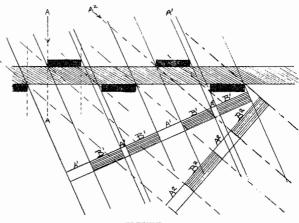


FIGURE 3

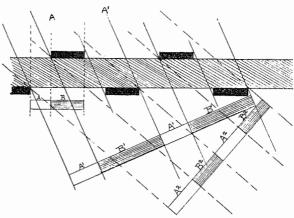


FIGURE 4

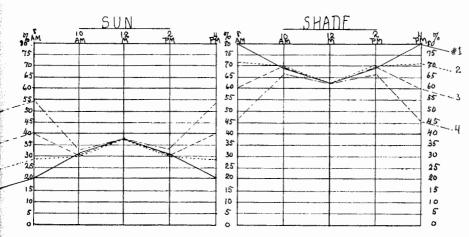


FIGURE 5

prisingly, the staggered lath types having small vertical separation show at this hour of the day a smaller sun ratio than does the old-fashioned lath roof, and this would recommend those types for inland areas where the sun is especially intense between midmorning and midafternoon. One should be mindful, however, that the broader band of sun (Figures 2, 3 and 4) will take longer to pass over a given leaf than would the narrower sun band of Figure 1. On the other hand, the leaf has a longer period of shadow before and after the sun beam crosses it.

3—Early morning and late afternoon. The widest variation in the amount of admitted sun occurs in early morning and late afternoon, when the rays are weakest and when the most sun and light are desirable. Whereas the old-fashioned roof admitted only one-fourth

as much sun as shadow, the 1%" verseparation type admits **more** sun than sha(121% as much sun as shadow).

4—Aside from the question whether the broad band of sun during the middle of the day actually burn foliage or flowers, the valu the vertical spacing of alternate laths mus determined by metering the light that er through each type. We do not know of optimum amount of light having been de mined for camellias. W. M. James, of C Calif., has stated that a light of 100 by Weston meter, at noon, is optimum for a bidiums. This pseudo-scientifico hopes to m the light under the staggered roof types she in Figures 3 and 4 at intervals throughout year, and report again later. Meanwhile, a ment which may throw more light on the sub will be welcomed. We are not trying to pr something, but to learn something.