Calendar of Events

July 8-9, Sat.-Sun. So. Calif. Museum Tour San Jose to Orange County McClelland 8:30 a.m.
15, Saturday Pool Party (meeting) Rickey's, Palo Alto Osgood 7:30 p.m.
23, Sunday Tour de Monte Carlo and Picnic Mt. View/Stevens Creek Carleton/Stone all day
29, Saturday Tech Session Pleasanton Wellington
30, Sunday Club Autocross Deer Park Villa, Fairfax Jones/Jones 9:30 a.m.
August 12, Saturday Dinner Meeting Town & Country Village, Palo Alto Osgood 7:00 p.m.
20, Sunday Club Autocross Wellington 9:30 a.m.
26, Saturday Tech Session

OTHER
July 1-2, Sat.-Sun. Golden State Grand Prix, Santa Maria (state championship autocross)
8-9, Sat.-Sun. Regional Sports Car Races, Cotati
16, Sunday Championship Autocross
30, Sunday Championship Autocross
August 13, Sunday Championship Autocross
27, Sunday Championship Autocross
Sept. 2-4, Sat.-Mon. Sports Car Olympics, Squaw Valley
Nov. 24-26, Fri.-Sun. Northern California Porsche Weekend, Carmel Holiday Inn

July Meeting

SATURDAY, 15 JULY

POOL PARTY
RICKEY'S HYATT HOUSE
Palo Alto

PRICE: $1.50
TIME: 7:30 p.m.
DRESS: Sports/Casual (dips in the pool, if you like)

PROGRAM: Fashion Show -- Swinging designs from "Petite Boutique" of Mayfield Mall in Mountain View. Nine statuesque gals modeling exciting fashions, including miniskirts and bikinis.

DOOR PRIZES, TOO!
(Reservations required)
Tour de Monte Carlo

Hear Ye! Hear Ye! Let it be known that the tribe led by one Grannis and who are called the Golden Gate Region, since they dwell in that land, will hold a Tour De Monte Carlo. Mitchell, he who sits on the right hand of our leader, Grannis, and who promotes much activity in our ranks, has declared July 23d to be the day of this happening. This same Mitchell desires that runners be sent throughout the land to bear tidings of this great occasion to our neighbors in the far regions of Monterey, Yosemite, Sacramento and San Joaquin. For they will be welcome to join with us in this day which will start by the various tribes assembling at meeting places and touring to the Mayfield Mall Colosseum. There they will engage in the test of skill known as the Funkhana.

As we tire of the sport, and bellies grumble and complain from hunger, we will journey to a place by the great creek Stevens for feasting. The hops shall flow from the kegs, the fires will be kindled, and the multitudes will eat and be merry. Games of chance, luck, and skill will be in evidence. Gilded ornaments will be awarded to those who excel beyond their fellows. All contestants will be levied a small sum for participation in these festivities.

So be it, then — Set aside July 23d for this contest, bring food, bring the family—the rest will be provided.

Inform the club scribe, Carleton, of your intention to partake and of the number in your party.

Starting points for Tour de Monte Carlo.
1. In San Francisco
   End of Sunset Boulevard at Lake Merced.

2. In Dublin
   On Frontage Road north and east of U.S. 50 and Interstate 680 interchange opposite Foremost Research Center.

3. In Morgan Hill
   At Capri Restaurant, north end of town, on U.S. 101.

Contact BRIAN CARLETON for reservations and further details, including tour leaders, starting times, etc. 4785 Borina Drive, San Jose, California, 95129. (408) 252-5546.

The Veep's Beep

We are trying something new in recent years for our meeting this month. There will be no dinner, only cocktails and snacks around the pool with lots of time for chatting and really getting acquainted. Excess proceeds from the meeting will go to helping us with the exciting activities, entertainment, and decorations at the Oktoberfest meeting. For those of you who would like to have dinner on the town before the meeting, there are many fine restaurants along El Camina Real near Rickey's such as Sakura Gardens, Prime Rib Inn, Brave Bull, Ming's, Rudolfo's, Rickey's, L'Omelette, etc. And for the economy minded doggie diner types, there is Kirk's, MacDonald's, Pard's, Big Al's, etc. And for the hippies, there are Cheezits at Andersons.

Hope you all like the change and let me know what you think.

By the way, you don't have to tear out the meeting reservation form in the NUGGET in the future. We put it there as a reminder. Just send your checks and a separate small sheel of paper indicating any raffle tickets that you'd like. This will help keep your NUGGETs intact for posterity, if you so desire.

Best regards,

Oz
East Bay Tour—a report

Bob Lewis and Don Lollich found some of the wildest backwoods roads for their May East Bay Tour that Porsches have ever traversed. The name of the game was 'don't fall behind as the forest might swallow you up'.

Rather foul weather tried to spoil what was otherwise an outstanding event, but nevertheless was thoroughly enjoyed by all fifty PCAers turning out. The tour featured an exciting ride around Port Costa and up to the top of Mount Diablo. It was possible to get an occasional spectacular view of the surrounding countryside between the breaks in the fog. Another hundred feet, and we'd probably been on top of the weather.

A lovely picnic/barbeque was held near the entrance to the park followed by an even wilder ride over Morgan Territory Road and Marsh Creek Road to Antioch, where the tour ended with a marvelous seafood dinner.

Well done, Bob and Don!

Southern California Museum Tour

July 8th and 9th

Don't forget this fantastic weekend, with a tour of Cunningham's famous museum and a cocktail party hosted by the Orange Coast Region.

See details in last month's NUGGET.

For Sale


1964 Super Volks. Body, paint, and interior are spotless. 34,000 miles. Guaranteed 95 mph sustained speed. You wouldn't believe the equipment this car has, the list of which is too long to publish, but it's fantastic. Call or write to get details and/or make offer. —DWIGHT BEHREND, 235 Mountain View Avenue, Mill Valley, California. Telephone 388-8493.


DEADLINE FOR THE AUGUST NUGGET

12 JULY

We are told that the Lohses have recently become the proud parents of a baby boy. Congratulations to you both!
San Simeon Tour

September 23d and 24th we have scheduled a tour to the Hearst San Simeon State Historical Monument. Advance reservations are required in insure our group making its tour when requested; tour money must be sent by July 15th and motel reservation money forwarded by August 20th. Cancellation of reservations can be made with the forfeit of $2.00 per reservation until one week before the tour.

The tour will assemble at the San Jose Hyatt House on Saturday, September 23d. The group will drive to San Simeon by way of Monterey (the 17-mile drive, if time permits) and Highway 1, with stops at Point Lobos and Big Sur.

It is undetermined at this time whether the tour will be taken through the castle on Saturday afternoon or mid-morning Sunday. Those who wish to go may express their preference. Motel and dinner reservations will be made in Morro Bay or Cambria. (The alternatives are to squeeze everything into one day leaving Sunday free or to make the scenic drive one day with the tour and drive back on the second day). It is definite we are going!

Cost of the tour, moneys to be sent or promised by July 15th—$7.00 for adults (per person), $4.00 for children. This includes both lower and upper floors of the castle. Tour time is about two hours. Motel reservations (if desired) and moneys will be due by August 20th. More details in the August NUGGET.

For reservations write or phone BOB LOHSE, 331 Lexington Drive, Menlo Park, California 94025. (415) 325-3761.

Co-chairmen are needed. Anyone interested in helping to coordinate this tour, please contact Bob Lohse.
Technical Article

Often when asked questions like "How fast does a piston really travel within a cylinder?" or "How much abuse does a valve receive when opening and closing at high speeds?", I jump at the chance to help the owner or student to realize just how amazing the internal combustion engine is when subjected to a few simple calculations.

For example, let's assume we have as a subject a problem concerning the reliability of internal engine parts of a 2-liter 904 Porsche racing engine. Let us assume the engine has just pushed the car to an overall win in an A production race such as many of us witnessed when Don Wester pressed his 904 against Phil Hill's Cobra at Candlestick a few years ago.

Assuming the race was 45 minutes long, the engine operating at an average speed of 6,500 revolutions per minute, the following data can be astonishing to most of us non-engineering types. The plain bearing crankshaft revolved 292,500 times while the pistons were driven down by pressures above 1,300 pounds per square inch in an atmosphere of temperature approaching 3,800°F.

During the same 45 minutes any one valve opened 146,250 times, or the total eight valves opened and closed some 1,170,000 times. The ignition system which is of the "dual ignition" type was required to deliver 1,170,000 sparks to all eight spark plugs during the race while the contact points within one of the distributors opened and closed 13,000 times a minute, 217 times a second, or 585,000 times total!!

The crankshaft stroke is 74 mm, which means the piston speed in feet per minute (at 6500 RPM) is 3,159 ft/min, or during the race any one piston traveled 26.92 miles, or from Los Gatos nearly to Santa Cruz!

At 6200 RPM the double entry cooling fan or blower can blow or circulate some 1,100 liters of air per second. Assuming one cubic foot is equal to 28.32 liters, we can calculate that the fan delivers 38.83 cubic feet of air per second. At this rate of speed we can fill a 20 × 20 × 15 foot room in about 15.42 seconds! (6,000 cu. ft.)

Enough of this monkey business you say? O.K. I just hope all you dyed-in-the-wool enthusiasts are taking darned good care of that car of yours.

Just as a concluding remark, think about this following statement from a great automotive engineer and fellow enthusiast (Laurence Pomeroy, British Automotive Engineer and author of "Grand Prix Car")--"An automobile has about 20,000 individual pieces. If it is delivered to you 99.9% perfect, there still will be 20 pieces that go wrong!"

- Jim Wellington -

Technical Session

"Race Car Preparation" is the topic of our next meeting, to be held on July 29th. Preparation for both SCCA racing and autocrossing will be included. Discussion will include: racing classes and car classification, safety, chassis, engine, wheel, and tire modifications, formulation of a maintenance plan, etc. Session will conclude with the showing of an excellent race film. Porsche racing cars will be on display. For reservations call JIM WELLINGTON (408) 379-4984 or DICK OSGOOD (415) 968-1781. Make your reservation by July 24th!
BEAUTY is a human necessity. Taste is the faculty of discerning it. Every time we make a selection for ourselves, our home or our friends, we are revealing our true selves, and putting ourselves on record as possessing taste or lacking it.

While it is true that some will manufacture the things the many require, it is also true that the many will demand better things.

Prestige of the producer increases in direct ratio as raw material is advanced from the level of mere utility to the higher one that seeks to beautify and convey esthetic satisfaction.

FROM A MONOGRAPH ON "TASTE" PUBLISHED IN THE GRAPHIC ARTS

1912

Ask the man who owns one

Porsche

Motor Car
20 New Members!

Hugh D. Barry  
16072 Cambrian Drive  
San Leandro 94578

Ralph D. Bauer  
455 Warren Drive  
San Francisco 94131

Carole F. Butcher  
19600 El Camino Real  
Sunnyvale 94087

Hector R. Davalos  
72 Grande Vista  
Novato 94947

Glenn Dorenbush  
255 California Street  
San Francisco 94111

Jack H. Higgins  
1123 West Olive Street  
Sunnyvale 94086

Kingman Kan  
1175 - 61st Street  
Oakland 94607

Dave Koehn  
3239 Glendora Dr., #4  
San Mateo 94403

Hasso F. Kohks  
2609 Ivy Drive  
Oakland 94606

Hazel G. Morse  
2170 Middlefield Road  
Palo Alto 94301

Ted Nicolson  
373 Crestmont Drive  
Oakland 94619

Tom O'Callaghan  
3550 Laurel Avenue  
Oakland 94602

Leonard E. Peters  
6002 Rainbow Drive  
San Jose 95125

Barrett B. Roach  
Suite 1060, 100 Calif. St.  
San Francisco 94111

Norman G. Roso  
1321 Palos Verdes Dr.  
San Mateo 94403

Robert A. Sherman  
6833 Ridgewood Dr.  
Oakland 94611

Jack E. Sicherman  
1697 Catalonia Way  
San Jose 95125

Gary D. Swanson  
2650 California St., #16  
Mountain View 94040

Grayson S. Taketa  
515 North 1st Street  
San Jose 95112

Arthur E. Walker, Jr.  
1473 Miramonte Ave.  
Los Altos 94022
MEETING RESERVATIONS
Send checks to:
Richard Osgood
1265 Golden Way
Los Altos, Calif. 94022

COMPETITIVE DRIVING NEWS

At a Competitive Driving Committee meeting held June 13th, a special subcommittee was formed to formulate a new class structure for autocrossing in the region, in hopes of offering more beginning autocrossers a chance of being competitive. At our next autocross, on July 30th, we will score the old way, but will also score by a recommended new plan to see how it would work. It was also decided to award place plaques for winners of each autocross rather than waiting for trophies at the end of the season. After discussing the safety aspects, it was decided not to hold time trials at Cotati but to make the October driving session into a two-day event, with a driving session on Saturday and a mirror autocross on Sunday. Those of us who have driven mirror autocrosses find them very exciting to competitor and spectator alike. Watch the NUGGET for future details, and plan to come.

Our next autocross, on July 30th, will be at Pleasanton, with the first car out at 9:00 a.m. Practice will be allowed all day, with each driver deciding when he is ready for a timed run. We will be hosting Triumph Travelers, and need a chairman and workers for all areas. Please sign up at the dinner meeting if you can help. No experience necessary—a good way to meet people.
The results of the autocross held May 20th are as follows:

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<td>1</td>
<td>Stu Grannis</td>
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<td>2</td>
<td>Don Lang</td>
<td>1:14.00</td>
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<td>3</td>
<td>J. McLachlan</td>
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<td>4</td>
<td>Rex Swinford</td>
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<td>Jens Kraushaar</td>
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<td>Hans Mathon</td>
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<td>Hector Davalos</td>
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<td>R. Buckthal</td>
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<td>3</td>
<td>Jim Sorden</td>
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<td>4</td>
<td>William Weitzel</td>
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<td>Jack Tedford</td>
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<td>William Dickson</td>
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<td>7</td>
<td>Ted Brown</td>
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<td>8</td>
<td>Marvin Fisher</td>
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<td>Tom Uchytil</td>
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<td>2</td>
<td>Peter Jones</td>
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<td>Dick Osgood</td>
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<td>Richard Madden</td>
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<td>Dick Goerges</td>
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<td>Ted Anderson</td>
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<td>J. T. Korn</td>
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<td>2</td>
<td>Jess Valentine</td>
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<td>Keith Mowen</td>
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<td>4</td>
<td>Wm. Fitch (guest)</td>
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<td>Vaden Riggs</td>
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<td>Bob Garretson</td>
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<td>Bruce Anderson</td>
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<td>Joe Reitmeir</td>
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EXPLANATION OF CLASSES:
1. Normal coupes and cabriolets
2. Super and C coupes and cabriolets
3. All super-90 and SC cars
4. 911 and 911-S
5. Ladies
6. All Carreras, modifieds, and "expert" drivers

- Barb Jones -
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