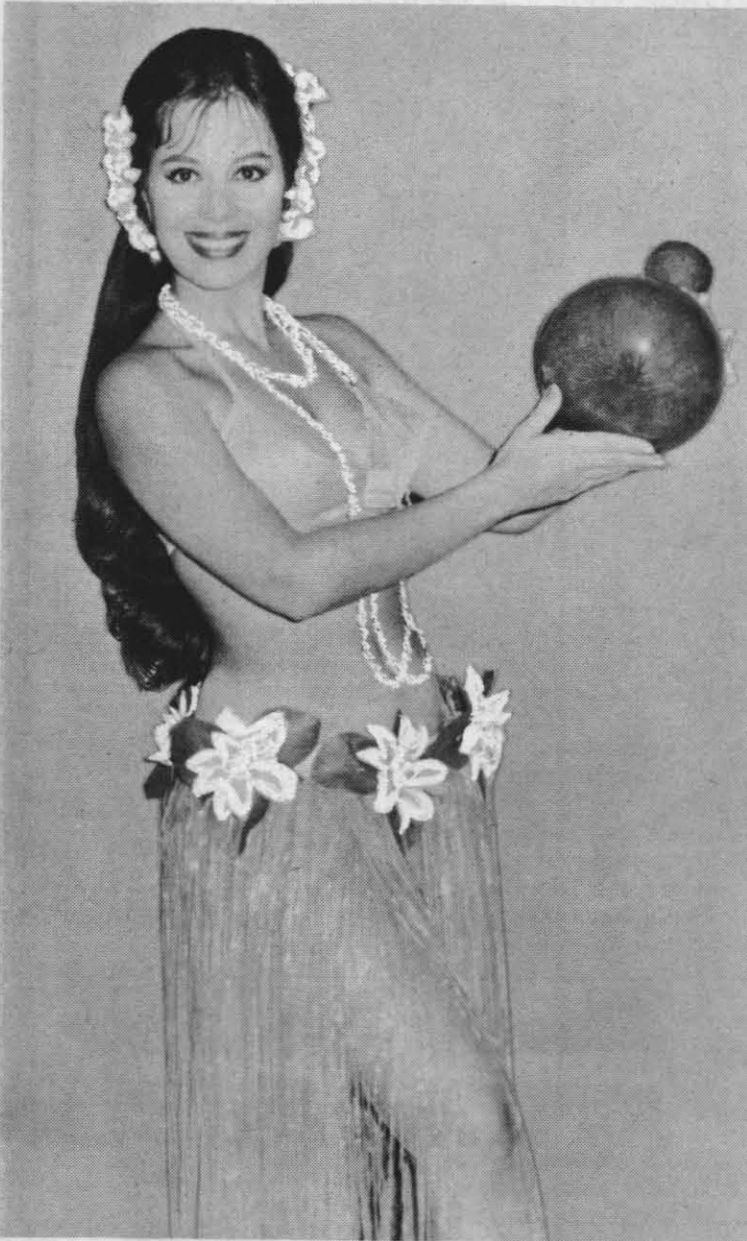


Annual Luau Tonight



HAWAII CALLS — This lovely lady will be one of the entertainers at the Luau tonight on the Lanai of the NWC Officers' Club. This year's event will begin with a Happy Hour from 4:30 to 8 p.m. Authentic Hawaiian cuisine will be served from 6 to 9 p.m., and dance music will be provided by Max Reid and his Coral Islanders.

Soul Society Has New Location and More Activities

The opening last night of the Soul Society's new night club at 730 Balsam Street, Ridgecrest, marks an important step forward for the youth group activities, according to Carolyn de Ham and Tom Kleine, two of the club's organizers. "The club, with larger space, expanded psychedelic light shows, water shows, and stroboscopic lighting effects, will be bigger and better than ever," they said.

The club moved recently from Maxine's Playhouse, where it originated and opened on July 7, to the building formerly occupied by Texas Instruments, Inc. Beginning Sunday, July 28, the Kaffeehaus and psychedelic shop will be open daily.

Opening night at the new location featured the appearance of the nationally-known rock band, The Leaves, whose hit song "Hey Joe" swept the country a few years ago.

The Soul Society is a group of local college-age students in the 17-23 age group of China Lake and Ridgecrest who are attempting to create something new, different and meaningful this summer.

The club announced a dance is to be held Saturday night, July 27, starting at 8:30 p.m. Admission remains at \$2.00 per person.

First Meeting To Form New Amateur Archaeology Group

All persons interested in participating in an amateur archaeology group are invited to attend a meeting to be held at the Maturango Museum on Thursday, August 1, 1968 at 7 p.m.

This first meeting, reports Jim Baird, is to form the group into an organization for further explorations into the ancient and primitive life of past human cultures of the local area. It is hoped that through organized activities the group will provide major contributions to recent archaeological discoveries.

Further information may be obtained by contacting Jim Baird, Ext. 71679.

WACOM Slates Coffee Tuesday At Officers' Club

All women newcomers to the area are invited to a Coffee that will be held on Tuesday, July 30, at 10 a.m. on the Lanai at the NWC Officers' Club. Dress is to be casual — shifts and shorts.

This function will give newcomers an opportunity to meet and become acquainted with the Women's Auxiliary of the Commissioned Officers' Mess and its activities.

Transportation to the Coffee may be arranged by contacting Mary Verich on Ext. 723861.

SHOWBOAT

FRIDAY JULY 26
"MRS. BROWN YOU'VE GOT A LOVELY DAUGHTER" (95 Min.)
Herman's Hermits, Stanley Holloway
7:30 P.M.

(Comedy/Music) The combo spends all their income caring for a greyhound that Peter Noone inherited, that's Mrs. Brown! Fun and trouble double up when they get to London just before Derby Day. Pop music and rollicking fun. (Adult, Youth, Mature Children.)

Shorts: "Southbound Duckling" (7 Min.)
"On the Bounce" (9 Min.)

SATURDAY JULY 27
—MATINEE—
"GHOST OF ZORRO" (92 Min.)
John Carroll
1:00 P.M.

Shorts: "Homesteader Droopy" (7 Min.)
"Trader Tom" No. 7 (13 Min.)

—EVENING—
"THE WAY WEST" (122 Min.)
Kirk Douglas, Robert Mitchum, Richard Widmark, Lola Albright
7:30 P.M.

(Outdoor Drama) A Senator organizes a party of pioneers to settle in far-off Oregon and the wagon-train runs a gamut of troubles from within and without. The character of rugged men and women is tanned with exciting adventure. (Adult.)

SUNDAY-MONDAY JULY 28-29
"THE SECRET WAR OF HARRY FRIGG" (110 Min.)
Paul Newman, Silvia Koscina
7:30 P.M.

(Comedy) Can you imagine a recalcitrant, inveterate brig-escapist being made a two-star General in order to effect their escape from the villa of a gorgeous countess? No offense! It's one of the funniest of the year! Howl away! (Adult, Youth, Mature Children.)
Short: "Pack of Trouble" (7 Min.)

TUESDAY-WEDNESDAY JULY 30-31
"THE PARTY" (99 Min.)
Peter Sellers, Claudine Longet
7:30 P.M.

(Comedy) Don't miss this classic farce about a bungling East-Indian actor who is accidentally invited to a Hollywood party which, in his usual accident-prone manner, he makes a shambles. Wild, wacky, and totally funny! (Adult, Youth.)
Shorts: "Art of Self Defense" (7 Min.)
"Bronco Kids" (9 Min.)

WEDNESDAY JULY 31
—SPECIAL MATINEE—
"SO DEAR TO MY HEART" (82 Min.)
1:00 P.M.

THURSDAY-FRIDAY AUGUST 1-2
"KISS THE GIRLS AND MAKE THEM DIE" (106 Min.)
Michael Connors, Dorothy Provine, Terry Thomas
7:30 P.M.

(Spy/Comedy) Fun-filled account of a CIA agent's attempt to corner a wealthy Rio de Janeiro industrialist who intends to defect the U.S. with a sterile ray. See the frozen harem and fabulous Rolls Royce (a spy's dream car). (Adult, Youth, Mature Children.)
Short: "Magoo's Canine Mutiny" (7 Min.)

CENTER LIBRARY LISTS NEW BOOKS

A complete list of new books is available in the library.

Fiction
Caidin—The God Machine.
Moore—I Am Mary Dunne.
Queen—The House of Brass.
Wynd—Walk Softly, Men Praying.

Non-Fiction
Fall—Last Reflections on a War.
Gregg—What To Do When "There's Nothing To Do."
Karol—China; The Other Communism.
Ross—The Last Hero: Charles A. Lindbergh
Sunset—Pacific Northwest and British Columbia.
Trader Vic—Pacific Island Cookbook.

NAVLAB Director Dr. Johnson To Leave Navy Post

Dr. Gerald W. Johnson, Director of Naval Laboratories, will leave his post with the Navy on July 31, 1968 to enter private industry.

Dr. Johnson will become Director of Field Development for Gulf General Atomic of San Diego. The firm revealed



DR. GERALD W. JOHNSON that the post was created to expand its service programs in both the nuclear and non-nuclear fields.

Before his appointment in February, 1966 as the first Director of Naval Laboratories, Dr. Johnson directed major technical activities for the Atomic Energy Commission as Director for Peaceful Application of Nuclear Power. He previously served as Special Assistant to the Secretary of Defense as a key advisor on atomic energy matters.

Dr. Joel Lawson has been selected to succeed Dr. Johnson as Director of Naval Laboratories. Dr. Lawson is presently Research and Engineering Consultant on the staff of Commander-in-Chief, Pacific Fleet at Pearl Harbor.

Dr. Johnson's most recent visit to the Naval Weapons Center was during the last annual meeting of the NWC Advisory Board, May 16-17, 1968. He spoke on "Laboratory Management — A Headquarters View" at the May 16 luncheon meeting of the American Society for Public Administrators at the Officers' Club.

Aetna Insurance Man Will Visit Center

Howard Keenan, a representative from Aetna Insurance is scheduled to be aboard the Center on Monday and Tuesday, July 29 and 30. He will be available for consultation at the Community Center from 9 a.m. to 4 p.m. on Monday, and from 9 a.m. until 3 p.m. on Tuesday.



NAVAL RESERVE INTELLIGENCE OFFICERS ON TOUR — Captain David B. Stewart headed a group of Naval Intelligence Officers on their July 10 visit to the Naval Weapons Center. The officers were participating in their annual two weeks of active duty training. They were welcomed aboard

by Lt.(jg) J. E. Terrell, Administrative Assistant to Commander, NWC, and given presentations on NWC operations by J. C. Smith, C. M. Dye and P. G. Arnold of the Weapons Development Department and D. N. Livingston of the Aviation Ordnance Department.



Vol. XXII, No. 30 Naval Weapons Center, China Lake, California Fri., July 26, 1968

Counseling Clinic Does Survey of Local Service

A thoroughgoing, Valley-wide survey of the mental health services, accomplishments and future requirements has been launched at the Desert Counseling Clinic, with a sociologist from the graduate School of Social Work of Sacramento State College heading the project.

Norman R. Roth, Ph.D., a professor of social work and acting director of the School of Social Work at Sacramento, began collecting data from the files of the Clinic, as the first step in the four-part

survey, last month. The Clinic, through its board of directors, initiated the project as a combined self-evaluation and community service effort, according to Arthur R. McCorkle, Clinic director.

The survey timetable calls for work to continue through this summer, with analyses to be ready in September or October. The first phase is an analysis of the Clinic's completed cases, the second a measurement of community awareness and of what it expects of the Clinic, the third a study of

how individuals and groups in the community can support and add to the work of the Clinic, and the fourth a socio-environmental study of the community.

Helping Roth and the Clinic in the survey effort is an advisory committee of nine people chosen from the Center and the outside community, in both official and private capacities. The committee has met three times so far to pave the way for the project and to strengthen the effort with its own understanding of the community.

The basic character of the survey, and also the purpose of the advisory committee, is contained in a succinct comment by Norman Roth:

"The Desert Counseling Clinic is interested in adapting its program to most effectively meet the needs of this total community and to make its contribution toward fulfilling the mission of the Naval Weapons Center. In achieving this goal, it is postulated that it is important to provide ways for community leaders and rank and file residents to become identified with mental health programming."

Study Present, Project Future

In the survey's first phase analysis of present performance, all completed cases of fiscal year 1967-68 are being examined for basic data, including diagnoses, method of treatment, results and Clinic goals. Roughly a third of them will be followed up with interviews of the people involved. Conducting the interviews will be Margie Kelly, a senior in sociology at Hollywood's Immaculate Heart College, and Gene St. Amand, a senior in psychology at UCLA.

The second, community Awareness phase, will be con-



DR. NORMAN R. ROTH

ducted by Roth among a selection of community leaders and randomly selected people from the general population.

"This phase of the survey is designed to determine the knowledge level of the community about the Clinic and other aspects of mental health programming in the community," says Roth, "and to learn from these persons if they would like to see mental health services altered, whether this be through a modification or extension of the existing programs."

Further development of cooperative community relationships is the goal of the third phase of the survey, also under Roth's direction. One of its goals is to find ways in which further mental health education can be promoted in the community. The other is to bolster Clinic effectiveness by increasing referral and consultation services.

"One method of pursuing this (latter) is to consider the kinds of 'psychiatric first aid services' which can be provided by individuals and groups in the community, in addition to the staff of the Clinic," says Roth.

He will study the environment and social patterns of the Indian Wells Valley, with attention to the Center's mission, in the survey's fourth phase. This will include analysis of residential patterns to illuminate a mobility rate "far below the national average."

TEMPERATURES		
	Max.	Min.
July 19	106	75
July 20	105	76
July 21	106	80
July 22	104	78
July 23	103	77
July 24	102	77
July 25	103	74

China Lake AOA Slates Noon Talk At Officers' Club

The China Lake Chapter, American Ordnance Association, will feature an address by Philip C. Weissbrod, Chairman of the National AOA Engineering Data Management Section, at a noon luncheon, July 31, at the Officers' Club.

Weissbrod has been associated with the General Electric Company for over 30 years. In his present position, Manager of Documentation Standards, he is responsible for documentation requirements, mechanical and electrical design standards, specifications, quality assurance data and the subcontracting and auditing of all engineering documentation.

He has served in the American Ordnance Association as Chairman of the Documentation Committee, Underwater Missile Section; Deputy Chairman of Engineering Data Management Section, and as Chairman of the Engineering Data Management Section. He has been awarded the R. H. Stearns Memorial Award, and the Bronze Medallion for his services.

Mr. Weissbrod is a member of the Drawing Practices Industry Advisory Committee to the Department of Defense, a member of the Industry Advisory Committee to the Office of Technical Data and Standardization Policy, DOD; a member of the National Security Industrial Association, and the Electronics Industries Association.

Data Management — Culture, Fascism or Realism — is the title of Weissbrod's address. Data Management is a much talked-about problem in DOD and many times data has been the culprit or the scapegoat in the course of procurement and production of military equipment, says Weissbrod. Utilizing his knowledge of the customer's desires and the capabilities of contractors, he will evaluate the pros and cons of Data Management.

For reservations call Jack Sherman, Ext. 9523, or J. B. King, Ext. 72050 by July 30.

Club Chaparral Opens New Lanai Tomorrow Night

The Club Chaparral will hold its grand opening of the Tahitian Lanai and the Bamboo Reef Bar this Saturday, July 27, from 1 p.m. to 12 midnight. All military and civilian personnel attached to NWC are invited to attend.

Fried chicken will be served in the Red Carpet Room from 6 p.m. to 9 p.m. at \$1.50 per plate.

Music from 9 p.m. to 12 p.m. will be provided by a brand new local group, The Sounds of Time. ATN-2 Jerry Rafalski, Assistant Manager of the (Continued on Page 7)

CROSSWORD PUZZLE

Answer to Previous Puzzle

ACROSS	2-Swiss river	3-Three-pronged spear	4-Blemish	5-Chapeau	6-Anger	7-Man's nickname	8-Procedures	9-Narrow, flat boards	10-Ventilate	11-Affirmative	16-Servant	18-Edible seeds	20-Strikes	21-Push	22-Biblical weeds	23-Parcels of land	24-Pull up	25-Small valleys	27-Mortification	30-Incinerate	31-Bodies of water	33-Ray	34-Distance measure	36-Wooden pin	37-Dirties	39-Conjunction	40-The sun	41-Crawls	42-Title of respect	43-Speck	44-Nahoor sheep	47-Sun god
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DOWN

1-Household pet	4-Moves warily	9-Declare	12-Paddle	13-Late	14-Falsehood	15-One first in rank	17-Boxes	19-Platform	20-Let it stand	21-Bear mug	22-Crattified	26-Workman	27-Shuts noisily	28-Note of scale	29-Worthless leaving	30-Cuts to bits	31-Crony (colloq.)	32-Brother of Odin	33-Unruly children	34-Speechless	35-Holds in high regard	37-Takes one's part	38-Part of harness	39-Related	40-Tiny opening in plants	42-Protective devices	45-Lubricate	46-Test	48-Vast age	49-Confederate general	50-Merits	51-Music: as written
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1-Policeman (slang)

Distr. by United Feature Syndicate, Inc. 29

CHAPLAIN'S MESSAGE

First Impressions



CHAPLAIN NORMAN R. ENGBRETSON

One of our national magazines runs a monthly feature which is devoted to an interesting subject . . . the telling of an unforgettable impression that has been made by one person upon another. The fact that a magazine will devote an article a month upon the subject is proof of the fact that all of us are making impressions upon someone else.

We hear much about "first impressions" . . . the feeling we get about another person after only one encounter. We are told that when we seek employment we should be very careful about the impression we make.

Actually, first impressions, important as they are in many circumstances, aren't nearly as important as the day-in, day-out impressions we give of ourselves. It is as we live our life that we declare before all the world what we really and truly are and believe.

One doesn't have to be an exceptionally fine actor to convey in public that we are this type or that type of a person. It is in living our private as well as public lives, at work and at leisure, at home and away from home . . . that we convey a true picture of ourselves.

A person who made a very strong impression upon me at an early age was a high school teacher who consistently taught his students about life's greater values. It wasn't enough for him to simply "teach a subject." Rather, he wove all of life into the subject he taught. Without being obvious about it, he taught moral and social value that always seemed to ring with truth, undoubtedly because of the fact that he himself lived as he taught others to live.

Honesty, tolerance, justice, truthfulness, charity and understanding were never "just words" for him. They were truths which became a way of life. Long after the details of the subject taught began to fade, the impression of this man lives on, and continues to reward and bless the lives of those fortunate enough to have known him.

There is a legend concerning St. Francis of Assisi that describes how important the living of our lives can be insofar as what we do reveals what we are. A young novice had asked St. Francis to help him with his preaching. St. Francis agreed, and asked the novice to go with him to town and back, and the help asked for would be given. The two walked to town and back, in silence, and upon returning to the monastery the novice protested that St. Francis hadn't told him anything about preaching.

It was then that St. Francis told him that everything they had done on their walk had preached a sermon to all whom they had met. A wiser novice thus realized that what a person does is a more revealing expression of one's beliefs than what one might say.

All of us are making unforgettable impressions, every day, and we may never know how, or upon whom, such impressions are being made. Let us live our lives, at all times and in all places, so that we give evidence of our faith in God . . . in that which is good, and honorable, and true.

PROMOTIONAL OPPORTUNITIES

Present Center employees are encouraged to apply for the positions listed below. Applications should be accompanied by an up-to-date Form 58. The fact that positions are advertised here does not preclude the use of other means to fill these vacancies.

The positions listed here are effective from July 26 to August 2, 1968.

Heavy Duty Equipment Mechanic, JD No. 23-1, Code 70762 — Overhauls and repairs various types of heavy duty mobile equipment such as bulldozers, cranes, locomotives, tractors, graders, power shovels, large buses, heavy trucks, and materials handling equipment. Disassembles, inspects, repairs and re-installs gasoline or diesel engines and aligns them with machinery they are to operate. Repairs various specialized mechanical parts of equipment, such as crawler tracks and drives, winches, bulldozer blades, scoops, excavating and loading bucket chains, etc. Qualifications: Applicants must have the following amounts of experience: two years general and one year specialized. Specialized experience is progressive mechanical experience in the maintenance, repair, and overhaul of a variety of heavy-duty gasoline and diesel-powered equipment such as 20 ton mobile cranes, road graders, power shovels, large truck and trailers, diesel - electric locomotives, large materials handling equipment, generators, compressors and power units as allied equipment on heavy duty vehicles, large pump engines, and generators (diesel and gasoline driven).

File applications with Dora Childers, Code 657, Rm. 32, Bldg. 34, Phone 71393.

General Engineer, GS-913, Code 5503 — This position is located in the Chief Engineer's Office, Engineering Department. The incumbent is assigned as the Value Engineer for one or more of the Center's development programs. He receives his assignment during the early stages of a program and continues to act as the value engineering expert as long as the program is under the Center's cognizance. It is important that he become a part of the development team during the design stages in order that VE ideas can be incorporated into the design.

Clerk-Typist, GS-324, Code 5562 — Incumbent provides secretarial and clerical support for the Branch Head, and Branch personnel as needed. Incumbent edits types, and distributes finished correspondence and other written material originated by members of the Branch, including off-center correspondence and on-center memoranda. Determines that format, grammar, spelling and distribution are correct and meet established requirements.

Clerk-Typist or Clerk (DMT) GS-4, Code 5503 — This position is located in the Office of the Chief Engineer of the Engineering Department. Incumbent provides typing, clerical and stenographic support to the members of the office staff. The incumbent will operate card-punch equipment to prepare computer programs, operate a teletypewriter remote control unit on time sharing computer systems, and generally will expedite communication between engineer and computer. She will act as receptionist, receive many telephone calls and visitors and handle classified and unclassified mail.

File above applications with Pat Gault, Bldg. 34, Rm. 34, Phone 71514.

Illustrator (Technical Equipment), GS-11 or 12, Code 7512 — The position is that of Head, Publication Illustration Section, Graphic Arts Branch, Technical Information Department. Responsible for overall graphic approaches and individual illustrations for Naval Weapons Center technical publications. Must have comprehensive knowledge of the abilities and limitations of available contract help. The incumbent is required to keep abreast of all new equipment or techniques which might improve the quality or lessen the cost of technical illustrations.

File applications for above with Carol Cadle, Bldg. 34, Rm. 26, Phone 71648.

(Continued on Page 3)

'DESERT PHILOSOPHER'

About Boots

By "POP" LOFINCK



The silly fashion of very tight shoes and boots came from Europe. The so-called aristocracy of Europe promoted the theory that human feet would eventually ossify — that the ruling class would all ride on horses or in coaches. They didn't realize how many millennia into the future that would take—if the human race didn't perish from the earth before that.

So small feet and tight shoes to make their feet look even smaller became a sort of status symbol — supposed to indicate that the individual was further advanced in the evolutionary scale than most.

Most Europeans got over that stupid theory, but not all. Some of the early Colonists brought it to America as a status symbol. They were proud of their bad feet. The pain seemed to nourish their ego.

A great college professor always wore very tight shoes. Sometimes his feet pained him so he would abruptly leave a very important meeting or conference to go soak his feet, but he continued to wear tight shoes as his status symbol. Vanity had priority over reason or suffering.

Cowboy boots were pointed-toed for a specific purpose. In swinging aboard a frisky horse the rider had to get that other foot in the aft stirrup quickly. The pointed toe was an aid and the high heel prevented his foot from going too far through the stirrup. This type of western boot wasn't made for hiking. The cowboy boot also served another purpose. It indicated the wearer didn't walk, but rode a horse. Pride again.

Abraham Lincoln went barefooted much in his youth — so he had good normal feet. But when he started wearing boots regularly he got foot trouble. So, he had boots made to fit his feet and his troubles were over. Simple as that.

Be sure your boondock hiking boots are big enough. If they're too big you can wear thicker socks or two pairs. If too short, there is nothing you can do about it — you just suffer. Your feet expand. The right sized boots for hiking will seem much too big at first, but one long day's hike will convince you otherwise.

Generally speaking, your feet will stretch about a half-a-thumb width. In other words there should be half an inch clearance between the end of your big toe and the end of the boot — depending on the build of the foot.

Flat feet expand very little. With some feet the second toe is longer than the big toe, so clearances should be measured from that toe. A slender foot with a high arch expands the most until the foot is strengthened.

To get an idea about how much your feet will expand or stretch when hiking, stand barefooted on a sheet of paper. Then get someone to trace the outline of your feet. Then stand on one foot and lift a heavy weight — like a big bucket of water. Get another tracing. You may be surprised.

A five inch shoe or so-called boot isn't practical for off the road hiking because they won't keep out sand and gravel. Boots are much better for several reasons. They not only keep out sand and gravel, but are protection against snakes. In rain, mud or snow you can tuck your pants inside the boots. This also saves your hiking energy since they don't drag through sagebrush.

Some people like lace boots. They are inclined to bind around the ankle, and the lacing gets clogged with mud.

In my opinion, the ideal boot is a pull-on with a strap and buckle over the instep for snugness. This type gets on and off quickly, and is easily cleaned. The top of the boot should be just below the calf or just above the calf, not right at the calf.



STAR SCOUT IN ONE YEAR — China Lake scout Glenn Bray Jr. received his Star Scout pin at the recent Troop 3 Court of Honor held at the Elks Lodge. Glenn's mother presented the pin while Scoutmaster Glenn Bray Sr. (l) and Don J. Davis (r), the leading knight of the Elks Lodge, observed. Star Scout rank is second highest in scouting.

presented the pin while Scoutmaster Glenn Bray Sr. (l) and Don J. Davis (r), the leading knight of the Elks Lodge, observed. Star Scout rank is second highest in scouting.

ACE Wins Twice To Hold First Place Spot

League leading Ace TV and the second place Engineers each won a pair of games last week as the race for the top spot in the China Lake Softball League remained close. Ace rolled to a pair of easy victories, downing Genge 20-6 and the NAF Hawks 28-3 while the Engineers defeated NWC 13-4 and edged Magic Cleaners, 2-0. The week's action left the two teams tied in the loss column, with Ace TV maintaining a one-half game lead.

Max Smith drove in four runs with a pair of homeruns and Andy Gilpin collected three hits as Ace defeated Genge, 20-6. After Genge had tied the game at 5-5 in the second, Ace scored four in the fourth to retake the lead, then put the game away with 11 runs over the last three innings. Drex Moulder also contributed two hits for the winners while Duane Blue led the Chaparral attack with three RBIs. Bert Andressen was the winner for Ace and Andy Vasco took the loss.

The league leaders scored in every inning as they crushed seventh place NAF, 28-3. Ace took advantage of 13 hits and 16 walks scoring one of the highest run totals in several years in the league. Moulder and Tommy Galyon led the Ace attack with three hits each while Bob Palmer and Harlan Hersley each drove in three runs. Andressen won his 17th game of the year in this one, while Don Sichley was tagged with the loss.

Bill Underwood and Ross Clayton led a 12-hit Engineer attack as the Engineers downed the NWC Tigers, 13-4. Clayton drove in two runs in a three run first inning then singled home another during a six run uprising in the fifth. Underwood contributed three singles and a sacrifice fly for the winners. The Engineers jumped to a 6-1 lead after four innings then put the game on ice with six more in the fifth. Marc Baker led the Tiger attack with three hits while Harold Beasley homered. Bert Galloway was the winning pitcher and Ray Fleming took the loss.

Joe Seibold scored on a wild pitch and Orin Gilbertson came across on Bert Galloway's single in the sixth inning as the Engineers defeated Magic Cleaners, 2-0. Galloway and Bobby Kochman had hooked up in another tight pitchers' duel until the Engineers broke the ice with two down in the sixth. Until then, Magic had managed to get just one man as far as second base while the Engineers only threat came in the fourth when they put men on first and third with two out. Galloway allowed three hits, striking out 10 in winning his 14th game of the year, while Kochman lost his seventh. The win moved the Engineers back to within one-half game of the lead.

Roger Short collected three hits and drove in three runs as third place El Ranchito downed NAF, 11-5. Down 5-2 in the early innings, the Bandidos tied it in the fifth on Frank Carson's sacrifice fly, then took the lead on a double by Ken Newton. Short's two-run single was the big

blow as El Ranchito put the game away with five runs in the sixth. NAF had gone ahead on run scoring singles by Don Williams and Don Sichley in the second inning. Bill Brown was the winner for El Ranchito while Sichley took the loss.

Short and Bob Brown contributed the big hits as the Bandidos overcame a 4-0 lead in the late innings to down Genge, 8-5. A walk, a double by Tony Scanlan and singles by John Clark and Rod Zagala had put the Chaparrals ahead 4-0 in the second. Brown's double in the fifth ignited a four run rally as El Ranchito tied the game, then two run singles by Short and Dick Rivers accounted for four more in the seventh. Bill Brown was the winning pitcher in relief, while Scanlan was the loser.

Bob Kochman fanned 10 in winning his sixth game of the year as Magic Cleaners defeated the VX-5 Vampires, 11-4. The Patriots jumped a head, 4-1, after four then put the game away in the fifth on a walk and three Vampire errors. Bob Bartlett homered and drove in three runs to lead the Patriot offense, while Gary Ellwanger hit one for VX-5. Joe Quenga was the losing pitcher.

The Vampires took advantage of eight walks and three NWC errors in the first three innings to take a 12-6 lead then coasted to a 17-7 win over the Tigers. The Tigers scored in the fifth to make it 12-7, but the Vampires added five more in the sixth to win easily. Ray Seeten led the VX-5 attack with three hits while Jim Prophet drove in three. Harold Beasley homered for NWC. Quenga was the winner for VX-5 while Ray Fleming was the loser.

STANDINGS			
	W.	L.	GB
Ace TV	17	2	
Engineers	16	2	1/2
El Ranchito	14	5	3
Magic Cleaners	8	10	8 1/2
VX-5	8	11	9
Genge	6	11	10
NAF	3	15	13 1/2
NWC	1	17	15 1/2

NEXT WEEK'S SCHEDULE
 JULY 29-NAF vs. VX-5, Ace TV vs. NWC.
 JULY 30-El Ranchito vs. Magic Cleaners, Genge vs. Engineers.
 JULY 31-Engineers vs. Ace TV, VX-5 vs. El Ranchito.
 AUGUST 1-Genge vs. NAF, NWC vs. Magic Cleaners.

BATTING AVERAGES	
Galvin, VX-5	.466
Brown, El Ranchito	.452
Lyons, VX-5	.429
Aucuin, VX-5	.409
Palmer, Ace TV	.409
Newmyer, Engineers	.373
Moulder, Ace TV	.371
Smith, Ace TV	.369
Sichley, NAF	.360
Dowda, El Ranchito	.353

HOME RUNS	
Calvin, Ace TV, 7; Smith, Ace TV, 6;	
Galvin, VX-5, 6.	
RUNS BATTED IN	
Carson, Ace TV, 21; Smith, Ace TV, 21;	
Short, El Ranchito, 20.	
PITCHING	
Klassen, El Ranchito, 9-1; Andressen, Ace TV, 17-2.	
STRIKEOUTS	
Galloway, Engineers, 173; Andressen, Ace TV, 125.	



Little League All Stars Win Area Tournament

China Lake's Little League All-Stars defeated the Ridgecrest All-Stars with a heart-stopping last inning rally in the second game of the Area Tournament at Stauffer Field in Ridgecrest.

The spirited Ridgecrest team led the powerful China Lake team 5-4 going into the bottom of the last inning. With two out and the count one-ball and no strikes on Gary Hall, the China Lake third baseman hit a ground ball to the Ridgecrest second baseman. He bobbled it and Hall was on.

The China Lake right fielder, Jerry Bruce, was the next batter and he walked putting men on first and second. Kevin Smith, China Lake's hard hitting second baseman, came to the plate and slammed a line drive to left which scored Hall from second to tie the game. This brought up Mark Wright, the powerful pull hitting first baseman, who hit the second pitch over the right centerfield wall for a home run to end the ball game. Bill Lalor went all the way for China Lake on the mound, striking out 13 batters while allowing seven hits.

Bishop All-Stars Defeated
 The fine China Lake team reached the final round of the Area Tournament by defeating the Bishop All-Stars 15-0 on Friday, July 19, behind the fine two-hit pitching performance of Dwight Scott. In this game, Bill Lalor hit a grand slam home run and Mark Wright hit a two-run homer while Kevin Smith led in the RBI department by driving five of his teammates across the plate to score.

The China Lake All-Star team will now advance to the District Little League Tournament to be held at China Lake July 25, 26, and 27. China Lake will play the Rosamond All-Stars Thursday at 8 p.m. Lancaster and Palmdale All-Star teams clash Friday and the winners of these two games will meet Saturday at 8 p.m. to decide the winner of the District Tournament.

Club Chaparral Opens New Lanai Tomorrow Night

(Continued from Page 1)

Club said that the new band will be making its first appearance on an audition basis at this event.

Ronnie Thompson, Band Leader, and Patti Gould are vocalists; Tony Scanlan is drummer and Publicity Agent. The band has a unique speaker system and a new rock'n roll beat which actually has the sound of music.

Club Chaparral, the 1st and 2nd Class Petty Officers' Mess (Open), is especially proud of the recently completed Lanai as it was designed and constructed by members of the club.

Dress will be informal or Polynesian.



SUPERSTARS — These China Lake Little League ballplayers were instrumental in their team's key victories in recent games. Jeff Dierolf (r) proved to be one of the League's pitching discoveries of 1968 when he pitched the Minor Division Braves to a shutout victory over the Cardinals with 14 strikeouts. The maximum number of strikeouts for one pitcher in a six inning game would be 18. Billie Lalor (center) holds the game bat awarded him for hitting a grand slam homer, scoring four runs to give the Systems Development Yankees a 14 to 13 lead over the VX-5 Giants for the Major Division championship. Steve Hartwig (l) a 10-year-old left hander, pitching his first Major League game, entered the Yankee-Giant game in the fifth inning when the Yankees were trailing 13 to 2. Little Steve effectively silenced the Giant's big bats for the remaining one-and-a-half innings, while his teammates staged a tremendous 12-run rally in the fifth inning to assure victory.

Fleet Reserve

Joint installation of officers for Fleet Reserve Association Branch 95, China Lake, and its Ladies Auxiliary will be held at 3 p.m. Sunday, July 28, in the FRA Clubhouse, 365 McIntyre, China Lake. Potluck dinner furnished by the unit will follow the ceremonies.

Unit officers-elect are: president, Beatrice Tracey; vice-president, Helen Reese; secretary, Willa Matthews; treasurer, Verna Wheeler, and chaplain, Dorothy Stands. The board of directors this year will be made up of appointed chairmen, as follows: Grace Driver, Americanism; Marianne Kraft, sergeant-at-arms; Shirley Schneider, publicity; Mrs. Stands, audit and finance; and Rose Thompson, historian, with Mrs. Reese, as vice-president, in charge of membership. The ladies' group will be installed by Mrs. Driver, assisted by Mary McClendon and Nancy Bizon as installing marshal and installing sergeant-at-arms.

Invitations are being mailed to some two dozen local dignitaries, but any Navy or Marine Corps veteran who is eligible for membership in the Association is welcome to attend.

Proper Attire At Dispensary

Information has been received from the Center's Medical Administrative Officer to remind NWC military personnel, employees, and their dependents of recent directives regarding appropriate attire for patients or visitors to the Center Dispensary.

In compliance with directives and to help maintain a proper professional atmosphere, the following attire is not considered acceptable for patients or visitors to the Center's medical facilities: shorts, bathing suits, halters, shower shoes and barefeet (emergencies excepted).

Museum Group Plans Annual Trek

(Continued from Page 6)

posted in the clearing. Along with other information, these illustrate techniques still in process wherein bristlecone borings are used for time-dating of not only natural growth, but also climatology, geological formations, and archaeological discoveries.

Following the family picnic in the Grove, those who fancy a two and one-half hour hike through weird and beautiful surroundings may take the "Methuselah Walk" to and from the oldest living tree. As an authority on these prehistoric trees and research leading to their claim to considerably greater age than that of the giant Sequoia, Robinson will accompany the hikers, answering questions and pointing out interesting features.

Others younger, older, or more rushed, may follow a ranger on a shorter "nature walk," well documented by the Forest Service, to Pine Alpha, the first bristlecone that revealed to Schulman the great age of the species.

The guided tour will end around 4 p.m., but owners of four-wheel-drive vehicles could at this time of year enjoy a further 12-mile drive through open highlands to the Patriarch Grove.

Robinson advises that the drive up Highway 14 to the rendezvous point can be made easily in two hours from Ridgecrest-China Lake, and any passenger car in good condition can negotiate the trip to Schulman Grove and back.

He suggests that the rides in both directions will be made more interesting by following Dr. Carl Austin's "Coso Hot Springs — A Guide to Geology in Action" as far as Coso Junction, then the "Inyo Skyline Road Log" to Big Pine.

Both books are available at the museum Visitors Center, as is an inclusive guide book, "The Ancient Bristlecone Pine Forest."

Your favorite Uncle asks you to buy U.S. Savings Bonds, new Freedom Shares

The Rocketeer

Official Weekly Publication
 U.S. Naval Weapons Center
 China Lake, California

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 NWC Commander

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DIVINE SERVICES

Protestant—(All Faith Chapel)—
 Morning Worship—8:15 and 11 a.m.
 Sunday School—9:30 a.m., Chapel Annexes 1, 2, 3, 4 (Dorms 5, 6, 7, 8) located opposite Center Restaurant.

Roman Catholic (All Faith Chapel)—
 Holy Mass—7, 9:30 a.m., and 12:30 p.m. Sunday.

Daily Mass—11:30 a.m. in Blessed Sacrament Chapel. Saturday, 8:30 a.m.

Confessions—7 to 8:00 p.m. Saturday.

NWC Jewish Services (East Wing All Faith Chapel)—8 p.m. every first and third Friday.
 Sabbath School—10 a.m. to noon, every first and third Saturday.

Unitarian Fellowship—For information write P. O. Box 5436, China Lake, or phone NWC Ext. 725591.

THE LOCKER ROOM

China Lake Bowl
An Early Success

By ED RANCK



It has been a well known fact for a long time that the public will go for a good thing under almost any circumstances. Although some people, notably television commercial producers, don't realize it, most people can quickly be sold on something of quality. The case in point here is the success of the new China Lake Bowl.

During the summer months when the temperatures climb to 110 degrees or so, you would expect the local bowling alleys to be about as lively as Philadelphia on a Monday evening. Even in locales where the weather isn't quite as extreme as it is in China Lake, bowling is essentially a wintertime activity.

Except for an occasional night at the bowling alley or participation in a summer league, most bowlers use the summer season to get acquainted with their families and let the swelling in their thumb go down. A head count around the household, to make sure that no new income tax deductions have been added during the winter months usually takes care of the first item. The thumb takes a little longer in the healing process.

Since the new bowl was opened a few weeks ago, it is likely that there will be a few households that won't enjoy such a hiatus. The new place has proven to be all that was expected. Even in the summer season when it would be natural to assume that most people would avoid indoor sports, bowling has continued to be perhaps the most popular single recreation attraction here.

The reason for this is twofold. Physically the new lanes are all that had been expected. The surroundings are reasonably comfortable, the place is cool and of more importance, the alleys are uniform. Proper promotion has also played a part.

Not only are many of the old familiar faces using the place, but many people who never tried the game before are giving it a go. Although the waiting lists for open bowling during the summer haven't been so long as to discourage those who wish to bowl, there hasn't been many times when all alleys weren't in operation.

Proper promotion has also played a part in the early success of the operation. Number one on our list of notable innovations would be the reduction of rates for active duty military personnel, a move that surprisingly enough has been met with little opposition.

The two recent exhibitions by bowling instructor Lou Bellisimo also proved to be successful. There were approximately 50 students in attendance at the clinic that was held by Bellisimo recently and more clinics are planned for the future. When Bellisimo will be back is uncertain at this time, however it is hoped that he can return here for another clinic in the fall.

Speaking of exhibitions, there will be an interesting attraction at the Bowl on Wednesday, July 31, at 5 p.m. On that day the Bowl will stage an exhibition between PBA pro Harry Smith and China Lake's Ken Dalpiaz.

Smith is one of the more famous bowlers on the PBA tour and one of the top money winners. A pro for nine years, Smith carries an average well in excess of 200. Although he may be in a little deep when he takes on Smith, Dalpiaz is no patsy.

Ken currently carries a 193 average here and has entered various Southland tournaments during the past few years. He has consistently been one of the better bowlers in this area in recent years and should give Smith plenty of competition.

Maturango Museum Group Plans
Bristlecone Pines Annual Trek

Members of the Maturango Museum and their guests will make the annual summer trek to the Bristlecone Pines of the White Mountains, Saturday, July 27, and will meet at the Bristlecone Pines sign, Highway 395, just north of Big Pine at 9:30 a.m.

This trip is in response to year-round requests, reports Kenneth H. Robinson, Director of the Maturango Museum, who will again lead the group. Before the caravan heads into the mountains, Robinson will give a brief survey of the history of the general area and a few words on what to look for on the way to Schulman Grove, the Forest Service Center.

A stop will be made for a panoramic view of Owens Valley at Sierra View Point where the Forest Service has provided two observation points,

ample parking space and rest facilities.

From here many peaks in the 14,000-foot category are to be seen in a view of the High Sierra that reaches from Tioga Pass to Lone Pine. The small-er observation point covers the three mountain ranges to the southeast towards Death Valley and directly south into Deep Springs Valley with its blue alkaline lake.

At 11 a.m. when the caravan arrives at Schulman Grove — named for Dr. Edmund Schulman, who established the Bristlecone as the Oldest Living Thing — a talk on the history and characteristics of the ancient trees will be given.

Visitors will have an opportunity to study the easily-understood tables and displays

(Continued on Page 7)

Junior Archers
Participate In
Archery Tourney

Seventeen young junior archers braved the 110 degree temperatures to participate in the outdoor junior olympic round sponsored by the China Lake Bowmen.

There was a real battle for top score between Randy Stedman and Ben Lee with Mark Loper making a good showing, being several years younger than both Ben and Randy.

The first end (six arrows) both boys had 48 out of a possible 54. The second end Randy emerged with a four-point lead. Ben however, being a true competitor, bore down and shot a perfect end making up the deficit and an additional four points to take the lead. Ben increased his lead to 12 points during the 4th and 5th ends. Randy fought gamely to regain the lead and narrowed the spread to eight points during the sixth end. Ben was determined to maintain his lead and the following ends were even through the 10th. Ben's score was 512 out of a possible 540 with Randy shooting a 504 and Mark Loper 441.

For the junior girls, Pamela Bullock took command during the first end with Lorna Chadwick second and Lois Graninger third. At the final tally Lois overcame Lorna's early lead. The scoring was Pamela 288, Lois 193 and Lorna 190.

Ribbons were presented to the young archers according to the qualifying ranks achieved. To achieve these ranks the archers shoot from 20 yards and have to shoot the required score for each rank. The target size is decreased for the higher ranks. The following is the over-all results

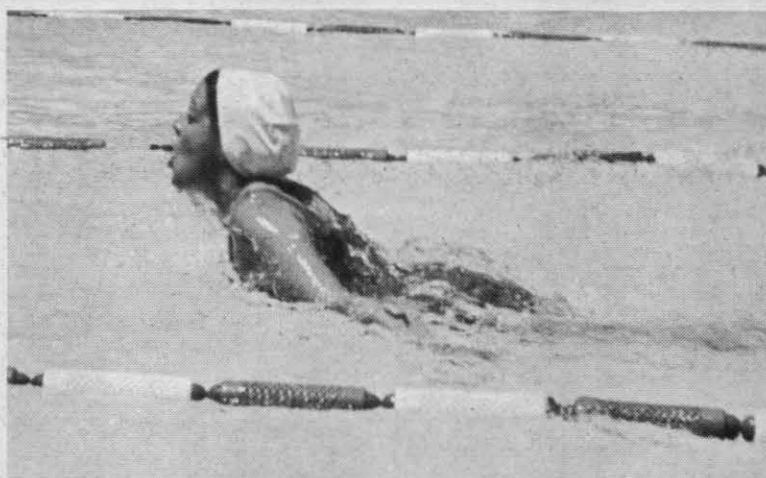
RANK-NAME	PLACE	TOTAL
EXPERT		
Randy Stedman	1st	504
MASTER		
Ben Lee	1st	512
ARCHER		
Mark Loper	1st	441
Raymond Smith	2nd	420
Jeff Lee	3rd	373
BOWMAN		
Richard Olson	1st	423
Larry Mills	2nd	384
BOYS JUNIOR ARCHER		
Jeff Muffley	1st	212
Kirk Bullock	2nd	171
Mike Muffley	3rd	149
GIRLS JUNIOR ARCHER		
Pamela Bullock	1st	288
Lois Graninger	2nd	193
Lorna Chadwick	3rd	190
JUNIOR BOWMAN		
Jeff Gosa	1st	184
Charles Muffley	2nd	168
YEOWMAN		
Jason Crook	1st	147
Mark Chadwick	2nd	46

Following the American and the outdoor JOAD rounds the China Lake Bowmen held their annual election of officers. Robert Stedman was elected president; Lynn Lyons, vice-president; Tack Snyder, secretary - treasurer, and Bill Kennedy, range master.

Also Gordon Oland, assistant range master, and John Loper classification chairman. Other members of the China Lake Bowmen who participated in the American Round and assisted in the outdoor JOAD round were Sheila Stedman and Lee Oland.

SAFETY TIP

Never leave a baby in his bath unattended. If you must answer the telephone, wrap him up and take him with you or put him in his bed. Let the telephone or the doorbell wait. It takes only a little time to drown.



KERN COUNTY CHAMP — Beck Beresford swims the butterfly in Medley Relay event as Indian Wells Valley entry and leads the field at Kern County meet. Other girls on the 9-10 year old team were Ellen Schall, Cindy Smith and Laurie Moore.



CHAMPION RELAY SQUAD — Chris Moore leaves starting block as Ricky Lovern finishes second leg of four-man Medley Relay. Randy Brown led off and Keith Adicoff anchored to win the event for the 11-12 year old boys in the Kern County Championships.

Swim Team Wins Two
Meets Same Day

In a display of strength few other teams could match, the Indian Wells Valley Swim Team split its forces last Saturday to send one squad of 42 youngsters to victory in the annual Kern County Championships, while a second 42 went north to a successful defense of the IWV-Bishop Perpetual Trophy.

Good Showing at Bakersfield Coach Carol Chatterton's red-suits dominated the meet at Bakersfield which brought together the best young swimmers of eight county recreational districts. Limited to two entries in each event, she was able to field a second team with speed enough to out-point the Bishop Brookies 274-154.

Eleven years after its first, and win-less, appearance in county competition, the 1968 IWV team carried home 49 gold medals representing 17 individual victories and eight winning relay teams. As a bonus, a new Kern record for the 25-meter butterfly event was credited to IWV's Clayton Bustard in the eight-and-under age group.

In earlier years Coach Chatterton measured her team's success in the championships by the number of swimmers who could make qualifying times in preliminary heats, and thus win one of the eight positions in the final lineup. This year practically every final event included two of the red-suits, proof that the year-round IWV training program produces good swimmers in abundance.

The Bishop team got its start four years ago with the help of Coach Chatterton, who guided the team's sponsors in setting up an organization based on the successful IWV plan. At that time a perpetual trophy was established for the winner of each year's dual meet, but the Brookies have yet to win it.

Gold medal winners in the Kern County meet are as follows

Butterfly, Clayton Bustard, Mary Kay Porter, Randy Brown, Jeanie Kaufman.

Backstroke Steve Hamm, Carol Boyd, Elaine Forrester, Randy Brown, Jan Hillard.

Breaststroke, Martin Forrester, Cindy Smith, Kris Bjorklund, Bruce Hillard, Linda De Marco, Martha Bock, Jane Winward.

Freestyle, Clayton Bustard. Medley Relay, 9-10 Girls, (Laurie Moore, Ellen Schall, Becky Beresford, Cindy Smith); 11-12 boys (Randy Brown, Ricky Lovern, Chris Moore, Keith Adicoff); 13-14 Boys (Mike Badalich, Bruce Hillard, Greg Moore, Tom Schall); 13-14 Girls (Sue Wiruth, Linda De Marco, Jane McGlothlin, Jeanie Kaufman); 15-16 Girls (Linda Wiley, Martha Bock, Dee Dee Fletcher, Kathy Kneemeyer).

Freestyle Relay, 9-10 Girls, (Elaine Forrester, Ellen Schall, Becky Beresford, Laurie Moore); 13-14 Boys (Bruce Hillard, Tad Allan, Greg Moore, Tom Schall); 15-16 Girls (Kathy Kneemeyer, Linda Wiley, Dee Dee Fletcher, Martha Bock).

Chief Of Naval Operations Cites Armed Forces
Role in Helping Build Stronger Community

The Chief of Naval Operations has told a Norfolk, Va., Civic Luncheon group that the armed services are in the forefront of the "equal opportunity" program and in many areas provide the fabric for a stronger community.

Admiral Thomas H. Moorer said, "The accepted concept of the serviceman's welfare explicitly includes the assurance of equal treatment and opportunity without regard to race, color, religion or national origin. We are, in the military, doing everything possible to assure that discrimination within the military service is eliminated."

Admiral Moorer told the group, "All of you together represent the invaluable segment of the American population whom I call the 'socially responsible.' These are the people in our country who, through a feeling of dedication, loyalty, and yes, enterprise, recognize the need to assume some responsibility for the progress and conduct of the society in which they live. They are 'movers' of our nation. As members of this group, each of you should be exceedingly proud — as should the people of your city whom you serve."

The admiral noted the "civic action" and "people-to-people" programs conducted by the armed forces, then added, "To a much greater and larger extent we are now concentrating on contributing directly to the American community. To re-coin a phrase, 'charity does indeed begin at home.'"

Project 100,000

He explained that one project that starts at home is the Department of Defense's "Project 100,000," and by September, 1968, about 100,000 men will be taken into the military service.



LT. JACK T. LEWIS is NWC's new Medical Administrative Officer, replacing Lt. G. S. Harris. He reported aboard this week from the USS Kearsarge, and will make his desert home at 1800-A Young Cir. with his wife Elaine and children Sandra, 10; David, 8, and Mark, 5. Lt. Lewis was born and raised and educated in Bakersfield. He entered the Navy in 1952 as a Seaman Apprentice, and received his commission in January, 1965.

In the past these men would have been disqualified because of educational deficiencies or correctable physical defects. "We are proving that they can qualify as fully satisfactory servicemen if exposed to modern instructional techniques, and that they can be returned to civilian life as productive members of society with vastly improved lifetime



ADM. THOMAS H. MOORER

earning potential and increased personal integrity."

On another DOD program, "Project Transition," the admiral said it is estimated, of the 750,000 men who leave active duty each year, as many as 20 percent may participate in this training.

Project Transition

Project Transition provides in-service training and educational opportunities for non-career servicemen to enhance their chances for employment in civilian life.

Debbie Ann Peters Is New
Miss Ridgecrest-China Lake

BY BUDD GOTT

China Lake's Debbie Ann Peters is the new reigning Miss Ridgecrest-China Lake. Marlene Brady, who captured the title of the Ridgecrest Chamber of Commerce and China Lake Community Council - sponsored contest in May, relinquished her crown to Miss Peters at a Chamber of Commerce luncheon on Monday.

Miss Brady is leaving the area. Her father, Cdr. Robert L. Brady, NWC Undersea and Surface Weapons Officer, has received orders to report to the U.S. Naval Base, San Juan, Puerto Rico, where he will serve as executive officer.

The family will leave China Lake on Aug. 8 and fly to Baltimore, where they will visit relatives, and then be flown by the Navy to San Juan.

The new Miss Ridgecrest-China Lake is the daughter of Master Chief and Mrs. Ray M. Peters, 38-A Hayward Ave., China Lake. She was the first runner-up in the May contest.

The "Transition" program provides a comprehensive counseling schedule; a skill training program for civilian-related jobs; an opportunity for the completion of the equivalency of a high school education; a placement program to relate the training received to actual job opportunities available, and an evaluation program to follow — up on individuals after they leave the service to determine the effectiveness of the training.

Admiral Moorer mentioned the "President's Youth Opportunity Program" and participation of the armed forces.

He noted that the Department of Defense has the largest educational complex the world has ever known. He said the services provide enlisted men with professional training in about 1500 different skills in more than 2000 separate courses. In addition, 65,000 officers a year are actively pursuing their professional education.

Education Benefits

"The impact of this educational system is revealed in the fact that an annual average of 95,000 young men and women who enter the service without a high school diploma earn a diploma or its equivalent while in uniform.

"While it is obvious that this immense educational complex exists to satisfy the needs of the Defense Department it nevertheless is equally obvious what a gigantic education 'spin-off' it provides for American society as a whole."

In conclusion, Admiral Moorer said, "If you and I continue to support the ideas, programs, and means to keep the faith in ourselves and our fellow men growing — we will live to see an even better America, and a truly enlightened society."



COMMANDER'S AIDE PROMOTED — Congratulations on his recent promotion are being received by LT(jg) James E. Terrell. Aide to Capt. M. R. Etheridge, NWC Commander, LT(jg) Terrell reported aboard NWC in March, 1967. He received his commission from OCS at Newport, R.I., two weeks before reporting to the Center. LT(jg) Terrell received his A.B. from Yale University and his LL.B. from Harvard Law School, was admitted to the Indiana State Bar in September 1966, and is a member of the American Bar Association. He and his wife Anne reside at 305-B McIntire on the Center.



NOW LIEUTENANT COMMANDER — Capt. M. R. Etheridge (r), Naval Weapons Center Commander, does the honors of pinning on new collar insignia signifying the promotion of Paul M. Koruga to lieutenant commander. LCdr. Koruga is the Military Assistant for Air Weapons in the Special Operations Branch of Aviation Ordnance Department. He entered the Navy in September, 1945 as an enlisted man, and was advanced to warrant officer on September 7, 1959. He received his commission as Ensign in May 1960. A native of Duluth, Minnesota, LCdr. Koruga arrived aboard NWC in October 1963 from Boat Support Unit ONE, located in San Diego, California.

PROMOTIONAL OPPORTUNITIES

(Continued from Page 2)

Computer Programmer, GS-334-9 or 11, File 4063, PD No. 64019 — Incumbent provides an extensive programming capability to the Branch and wide variety of data reduction and scientific computation applications. Work includes the mathematical formulation of problems, preparing flow charts, and writing detailed machine instructions including test routines and operation instructions. Qualifications: Experience which demonstrates proficiency in developing computer programs, formats, and structures. Also, a general knowledge of digital computer equipment and methods of operation and check-out as well as a knowledge of arithmetic and mathematics through calculus is desired.

File applications for above with June A. Chipp, Bldg. 34, Rm. 26, Phone 72676.

Clerk-Typist, GS-4 or Editorial Clerk (Typing), GS-5, Code 4551 — Position provides support to writers, illustrators, film producers. Incumbent prepares written documentation for camera-ready copy and includes copy editing, typing, and proofreading. The

incumbent must be a proficient typist. Familiarity with IBM magnetic tape selective typewriter is desirable.

File applications for above with Jan Bixler, Bldg. 34, Rm. 24, Phone 72723.

Supply Clerk, GS-3 or 4 (two vacancies), Code 2575 — Insures the timely processing and completion of documents for the acquisition and reservation of special material categories, high priority, and surplus material to meet planned requirements and to perform all necessary clerical functions incident and common to the operations of the Branch.

File applications for the above with Shirley Hauser, Bldg. 34, Rm. 28, Phone 72718. Employee Development Clerk (Typing), PD No. 865012, GS-203-3, 4 or 5, Code 654 — This position is located in the Employee Development Division, Personnel Department. The incumbent furnishes clerical support to the Division Head and the Employee Development Officers; handles enrollments of persons taking courses using the Auto-tutor; schedules use of the Training Center facilities; provides backup and temporary replacement for two GS-5 clerks; types letters, memoranda, stubs, training agreements, travel orders and special reports, etc.

File application for above with Sue Praslowicz, Bldg. 34, Rm. 28, Phone 71577.

Another First for NWC—Rare Gamebirds Planted on Range

Crested Tinamous of South America, Seesees from Pakistan Arrive Here

BY TILLY CHAMNESS

Although the Naval Weapons Center at China Lake is famous for "firsts" last week's was unique. With cautious optimism California Department of Fish and Game made an experimental release of two exotic varieties of gamebirds on the north range.

The NWC range was selected because the upland terrain offered the best choice of habitat in the state according to DFG biologists and because restricted entry to the range provides the birds a chance to adapt with little human interference.

One species of the birds has a name that readers will not find often even in advanced crossword puzzles — the crested tinamou. When word was received at DFG Region Four headquarters in Fresno that tinamous were ready to plant here, professional wildlife managers and amateur naturalists searched the literature for information. Here's a brief rundown on this curious gamebird.

Tinamous are widely distributed throughout Mexico, Central and South America. Although primarily a ground bird they will take to the air for short flights when disturbed. The crested tinamou introduced last week is a medium-size bird comparable to a guinea fowl in height and weight.

It has a slender down-curved bill of medium length. The crested tinamou's plumage is buff to tawny, and finely barred. The tail is short. Dark eye-markings and an upstanding dark crest give the bird a jaunty air.

Although tinamous are not even distantly related to partridges and quails they are extensively hunted in their native habitat. According to the literature, the breast meat is light and more delicate in flavor than chicken.

Prominent in the Family Tree

Tinamous are a primitive bird thought to be more closely related to the rheas than any other living species. Ornithologists regard them as being probably nearer the ancestral stock from which all modern birds are descended than any other living bird. This puts them close to the base of the family tree of the birds.

The crested variety that was introduced to the NWC uplands last week ranges widely over the open pampas lands of South America.

A sample egg sent with the birds was almost more amazing than the birds themselves. The crested tinamou egg is a glossy avocado green with a lustre like that of highly glazed pottery.

According to available reference material on tinamous, the female is larger and slightly more aggressive than the male. And the male is the nest-builder and does most of the incubating of eggs.

Introduction of the tinamou to the range will not offer competition to already established populations of chukar

and quail according to the DFG wildlife experts because the tinamou prefers flatter more open terrain than the chukar.

The other variety of gamebird introduced is the seese partridge. This is a true partridge which, like the chukar, comes from Asia. The seese is a native to Pakistan.

It's an attractive little bird slightly smaller than a mountain quail with bright orange beak and legs. Plumage shades from slate to tawny gold. The male shows more of the tawny coloring than the hen and he has a slight ruff of speckled feathers. Both males and females have a dark eye-streak but no mask. The seese egg is a pale cream or buff, unspeckled, and slightly pointed.

This gamebird prefers a slightly more open environment than the chukar according to DFG experts so it is expected to adapt in terrain a little less rugged than that of the chukar.

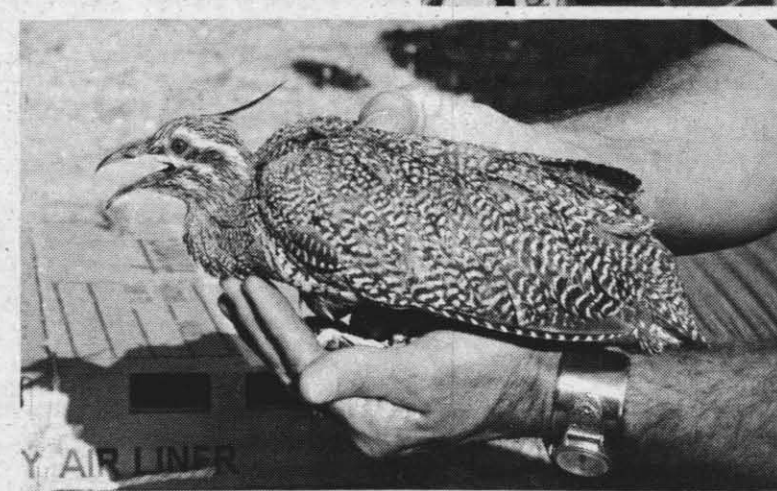
Carefully crated, 60 crested tinamous and 120 seese partridge were shipped by air from the California Department of Fish and Game's gamefarm at Vacaville last Monday morning. A stop at Fresno picked up John M. Parrish, Unit Wildlife Supervisor for this area. Waiting at Inyo Kern Airport were Bob Reser, Resident Wildlife Manager; and Ray Buss, Wildlife Technician. The crated birds were off-loaded to a DFG pick-up truck and brought onto the Center for their trip to a remote canyon in the northeast range for release.

Mortality of the shipped birds was negligible, only two seese hens were lost in the long trip that included a high altitude hop over the Sierras from Fresno. Skins of the two birds have been donated to the Center's Maturango Museum to add to its collection.

The release was made in two stages at springs located deep in the Argus Mountains. Witnesses to the releases were astounded at the flight of the tinamous. While they are a ground bird, they flushed straight up in the air for short bursts before hiding among the rocks and willows. The

Photography by

PHAN Michael F. Krause



A CURIOUS BIRD, the tinamou looks something like a guinea fowl, acts like a partridge and is most closely related to the

rhea. Almost as amazing as the tinamou itself is its shiny green egg that looks like a finely glazed ceramic piece.



THREE YEARS OF CARE at DFG's Vacaville gamefarm produced 60 crested tinamous and 120 seese partridge planted on NWC range last week. Bob Reser, resident Wildlife Manager, inspects condition of traveler.

BANDED FOR IDENTIFICATION, new birds will be periodically observed by wildlife experts to check their welfare in new habitat. Profile of tinamou is shown at left.



ROUGHTEST PART OF THE TRIP for gamebirds was over NWC wildlands. Here, vehicle hung up by a washout gets assist from

DFG pick-up truck. Time was critical to get birds to site before nightfall. Release of birds was made at springs in Argus Mts.

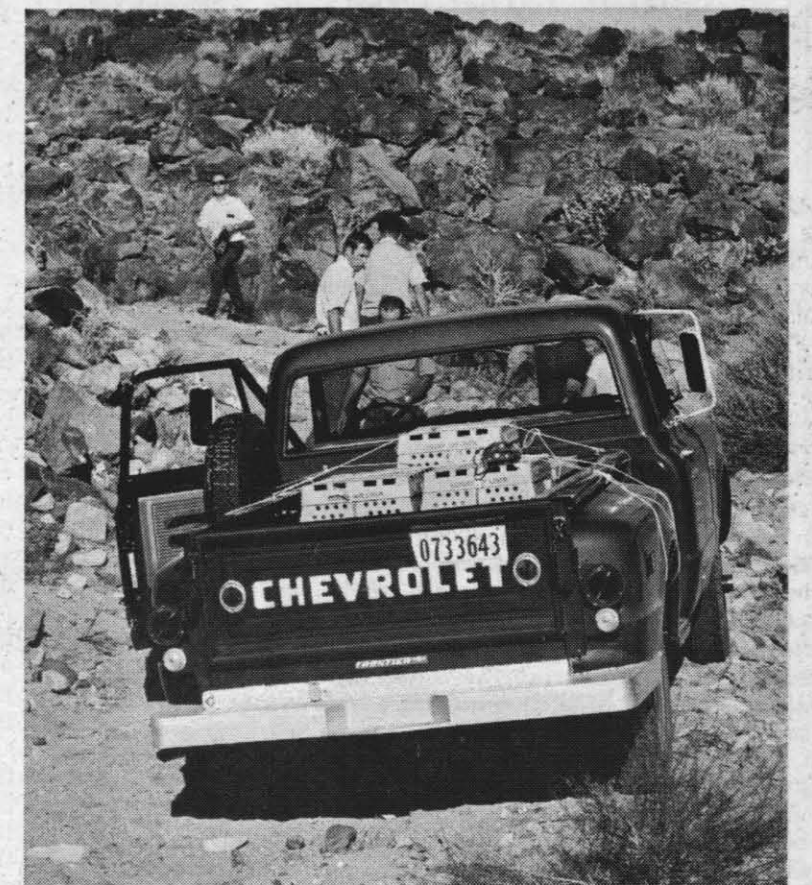


EVERYBODY LENDS A HAND to get birds off-loaded quickly. Standing in pick-up truck

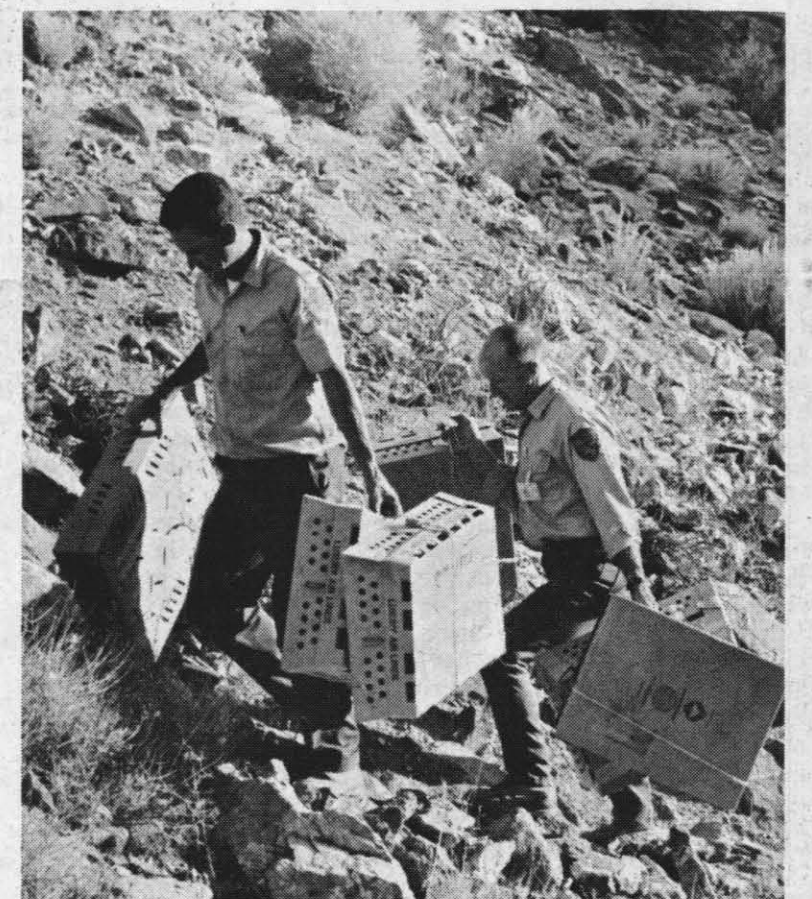
is John M. Parrish, Wildlife Supervisor from Regional headquarters in Fresno.



SEESSEE PARTRIDGE is an attractive little gamebird. Its plumage shades from slate to tawny orange. Males are more colorful than females in this species.



PROTECTIVE SHIPPING CRATES helped cushion birds during journey. Each bird was nestled in separate compartment padded with finely shredded bark. Condition of birds was outstanding, but two were lost in plane trip.



WELL-WORN BURRO TRAIL proves best route for Parrish and Reser carrying crates into steep canyon. DFG biologist selected the area of the NWC north range for planting because of best chance for the birds' survival.

little seesees made for cranies in the rocks like their relatives the chukar partridges. DFG people pointed out the flight powers of pen-raised birds that had never before experienced an opportunity for free flight.

Last Monday's release of crested tinamous and seese partridges is the first official plant of either species in the state of California. A few privately sponsored tries to establish tinamous have been reported unsuccessful by individual sportsmen. Until further observation of the birds can be made in the NWC habitat by wildlife managers, success or failure of the experimental introduction cannot be predicted.

DFG's Unit Manager John

Parrish cited the span of nearly 20 years spent in introducing the red-legged (chukar) partridge in the state. Another exotic introduced many years ago was Merriam's wild turkey. Unlike the chukar that has adapted with great success the wild turkey population just manages to hold its own.

If the introduction of tinamous and seesees proves successful a long-range program of moving the birds into NWC open hunting areas will be undertaken. This will be done by live-trapping seasonally to spread the gamebirds over the range as they increase in sufficient numbers.

Selection of NWC for the experimental first plant was made by Harold Harper, upland game biologist, from the

Department of Fish and Game headquarters. He felt the terrain, foodstuffs and general nature of the area would offer the best chance for survival and adaptation of the two new species.

Harper and other officials from DFG credited the active wildlife management and conservation program sponsored by NWC with technical advice from the California Department of Fish and Game and the Bureau of Sport Fisheries and Wildlife of the Department of Interior for the success of chukar introduced here more than 20 years ago. This exotic has proven outstandingly successful in this area and NWC lands now provide all the birds live-trapped for planting by the DFG.