The Hawaii Museums' Association is a non-profit organisation dedicated to the promotion of a continuing awareness of the needs, concerns and responsibilities of the Museum Profession in Hawaii.

The Hawaii Museums' Association co-ordinates the only regular assembly of museum personnel in the islands and we urge all persons associated with museums to join our association and thereby add strength to the professional and public voice of museums in our community.

A strong association can only be to the advantage of our professionalism, the institutions we promote, and the public we serve. Urge everyone you know who is concerned with museum type activities to join the Hawaii Museums' Association.

NB Your membership dues and contributions are tax deductible.

Contact the following people for further information:
Kauai: Dr Barnes Riznik, Grove Farm, Phone 245-3202
Oahu: Ms Ruth Tamura, Honolulu Academy of Arts, Phone 538-3693
        James Mack, Phone 521-1372
Maui: Virginia Wirtz, Maui Historical Society, Phone 244-3326
Hawaii: Maralyn Herkes, Lyman House Museum, Phone 935-5121
FALL MEETING

Hilo November 10, 11, 12, Naniloa Surf Hotel Conference Room

All members should have received a copy of the information about this year's Fall Conference which will concentrate on Schools & Museums. The conference is sponsored by HMA and the State Department of Education.

A museum which neglects its educational role is neglecting one of its primary functions. So, if you haven't already notified us of your intention to attend the Hilo conference we strongly urge you to do so. Every museum should send at least one representative.

If you need further information call Ruth Tamura at the Honolulu Academy of Arts

MEMBERSHIP DUES

Too many members are not financial. If you are in arrears we have advised you at least twice. We need you and your annual fees, but can't afford to carry you forever. It is the intention of the Board of Directors to drop unfinancial members from our books. If you are reading this with a guilty conscience, be warned Pay Up.

MUSEUM MANAGEMENT INSTITUTE

University of California at Berkley July 8 - August 3 1979

The Western Association of Art Museums and University Extension at Berkley are offering a high powered residential training program for 30 middle management museum staff members. Applications must be received by 31 December 1978. Preference will be given to applicants supported by their institutions. Tuition including course materials is $1000.00. Single accommodation is $450.00. Scholarships are available. For further information write to Linda Evans, Program Director, Western Association of Museums, Mills College, Box 9989, Oakland, Ca 94613. Or call (415) 568-2773.

MUSEUM NEWS

HAWAII

Hawaii Volcanoes National Park Museum

Sometime in the next couple of months the scheduled remodelling program will get underway. Mark Sagan from Harpers Ferry has designed the new installation and auditorium, completion is scheduled for March 1 1979.

While remodelling is underway some of those 2 million visitors who take in the Volcano Museum annually are going to be hard pressed to find something else as exciting to do.

Hawaii Volcanoes National Park has many exciting plans. Within the next three years in co-operation with the US Geological Survey they will be taking over the observatory overlooking the Kilauea Caldera and turning it into a museum. Visitors will be given a first hand look at electronic equipment used to monitor the volcanoes. They will also be presented with some of the history of the US Geological survey. A large observation room, enclosed in glass is to be built overlooking the caldera. Intermittently on that observation wall will be large transparencies showing viewers what the volcano looks like in action.
Tucked away in Kalapana, the Hawaii Volcanoes National Park has another museum which has been open to the public since 1961. The museum is of the cultural history of the Hawaiian people with particular emphasis on the significance of the heiau. The museum also has a nature trail and is staffed by a dedicated group of Hawaiian ladies who demonstrate lauhala mat making, poi making and many other Hawaiian domestic and leisure time skills. Park officials predict that this little museum will come back into its own when the chain of craters road is reopened next March.

City of Refuge National Historic Park
Two miles north of Honaunau on 3.6 acres of land also owned by the park, park staff have started an ethnobotanic garden of native Hawaiian plants. The plants halo, taro etc are to be used by demonstrators at the City of Refuge. Park officials report that the canoe halau is finished and work is underway on a double hull koa fishing canoe.

KAUAI

Kauai Museum
Bob Gahran reports that their Cook exhibition (now disbanded) was a tremendous success. Museum entrance fees were raised slightly to cover some of the exhibition costs. This obviously didn't deter visitors for attendance income was up $8,000.00 on the previous year.

One of Kauai museum's spectacular fund raising activities is the vital little museum shop run by Hazel Gahran. Through lots of hard work and by supplying top flight merchandise Hazel has built up an international and returning local clientele. Bob reports that the shop took $20,000.00 more this year than last year. Hazel has proven that you don't have to make concessions to a tourist audience, give them quality merchandise and they'll buy and tell other people about it.

OAHU

Honolulu Academy of Arts
The most important bit of news from the Academy this month is that they've become the first museum in the islands to open at night on a regular basis. Every Thursday night from 7 - 9pm you can leisurely browse through the galleries. You can now include the Chinese galleries in your perambulations, they've been opened again.

Bernice Pauahi Bishop Museum
The first museum in the islands expressly for young people will soon become an incorporated part of the museum's Science Center. Young people will be able to discover, by involvement, aspects of the natural sciences, anthropology and the physical sciences which excite them. There will be a camera obscura, a periscope, a land of mirrors, an insect zoo and a Hawaiian section where the kids can use the artefacts.

Young people will be in on the planning of the museum, they will inaugurate clubs as part of the museum and will also act as museum curators.

Sounds exciting doesn't it. They even plan to let the older fogeys in every now and again to partake of the exhibits and possibly see the praying mantis and other insects fed.

Dr Barbara Hunt is co-ordinating the project and reports that a grant from the National Endowment for the Arts should let the project get underway soon.

Dr Roger Rose reports that the Museum was the recipient of a $45,500.00 grant from the National Science Foundation. The grant is for upgrading the museum's storage facilities for their Pacific Bark Cloth collection, which is recognised as the major collection of its kind in the world.

BPBM footnote. Major relocations are happening within the museum, the Library and Photo Collection will be closed indefinitely. If you are looking for Dr Creutz these days you'll find him outside in one of four trailers - designated, Kamala, meaning temporary shelter.
Iolani Palace
After many years of careful restoration the palace is now open for pre-reserved
tours Wednesday through Saturday 9am - 2pm. Groups of fifteen are taken on
a 45 minute guided tour. Costs are $3 adults and $1 children. The fourth
Saturday of every month is free, HMA members are encouraged to visit the
Palace on the free Saturday. Reservations are still necessary, phone 536-2474.
Since opening to the public on April 3rd, Curator James Bartels reports that
26,000 people have been through the palace.
Early in 1979 the Throne Room will be the first room to be refurnished.
Once of the most exciting things for Palace Staff since reopening has been the
tremendous amount of authenticated monarchy material which is being returned
to the Palace from local and mainland sources.

Honolulu Zoo
The Zoo is yet another organisation to learn the fantastic advantages of a
vital volunteer friends group. The Zoo Hui raised $12,000.00 through their
animal adoption plan, and the money was used to construct one of the finest
alligator enclosures in the US.
Jack Throp, Zoo Director, has put up some really fun and informative
signs around the zoo. He was more than likely instrumental in getting the
zoo's topless lion exhibit, which is now about 50% completed. We hear
however that it will be a bachelor herd, for their are far too many lions in
captivity.

GENERAL NEWS

Registrars Please Note
Sanna Deutsch, Registrar at the Honolulu Academy attended the WRC WAAM
Conference in Vancouver from October 8-12. If you want to hear more about
the conference contact Sanna at the Academy.

Museums wanting to keep up to date with registration information and
procedures, can subscribe to Registrar's Report; further information
from Registrar's Report, Box 112, Bicentennial Station, Los Angeles, Ca 90048.

HMA Thanks
The board of Directors sends a big mahalo to Hilda Randolph for her able
assistance in getting our membership lists sorted out and onto file cards.
The Board also sends a belated mahalo to Maggie Pai for her Secretarial
work for the association. Maggie and husband Chin are now teaching in Taipei.

Of People
A little bird tells us that Debbie Pope is destined to have a band of gold slipped
around her finger in the not too distant future.
Maggie Robinson has taken over from Pat Hartwell at the Hawaii Arts Council.
David Farmer recently with the State Foundation of Art & Culture is to take
up the position of Art & Culture Co-Ordinator for the College of Continuing
Education and Community Service at the University of Hawaii at Hilo.

NEW MEMBERS
Marguerite Ashford
Mr & Mrs George Batt
Sophie Cluff
Peggy Cornetti
Edward Creutz
Lela Goodell
Carol Hasegawa
Joyce Ksicsinski
Irene McMenamin
Marcia Morgado
Kym Rice
Elaine Thompson
Joanne Trotter
J. Gardner Young
NEW INSTITUTIONAL MEMBERS
The Hawaii Bottle Museum.
The Honolulu Zoo has rejoined after a couple of years absence.

Ruth Tamura points out we now have a full A to Z institutional membership.

With membership in mind you will find with this newsletter a little poster to send to an interested friend if your are an individual member. If you receive this newsletter for your institution, or work for an institution, make sure the poster gets onto a notice board. Encourage your colleagues to join the association and to actively participate in association activities.

ENERGY SAVING
Our final item this month contains some good advice on energy and subsequently money saving by Howard Wilg Research Analyst for the State Energy Office. Howard conducted a workshop session for us at the Spring Meeting.

Saving Money Through careful Lighting Design & Management
While energy use figures are probably not available for buildings managed by members of the Hawaii Museums' Association, lighting in commercial buildings in Honolulu accounts for 40 or 45% of their energy use. That figure is conservative, because every four watts of energy expended for lighting requires an additional watt of air conditioning energy to remove the heat produced by the lights. Lighting and air conditioning together account for over 90% of the energy used in local commercial buildings. Every kilowatt hour (KWH) you can save means an additional 4 cents available for other purposes. Many downtown buildings have been able, through careful design and management, to cut back their energy usage by about 25%.

Achieving dollar and energy savings through carefully planned lighting does not mean doing without - it means doing more with less. It is the elimination of waste. For museums and museum related buildings, there are basically three methods of achieving savings: 1. Task lighting, 2. efficient lamps, and 3. hours of operation.

Task lighting boils down to this: Put only as much light as is needed, only where you need it. Look at your lighting, and you'll probably find ceilings and "dead" (little or never used) spaces brightly lit. Ceilings don't need light and dead spaces only need enough light to keep people from stumbling over the stuffed Nene bird who's gone for a stroll. What you do want to light are your displays.

The ideal lighting design is a low level of fluorescent light (see below) to provide general illumination, combined with reflector lamps zeroing in on your displays (without causing heat or colour damage). Many display areas are over illuminated by fluorescents, and the wattage of reflector lamps is too high

For instance, if your displaying via 150 watt reflector or flood lamps, experiment with 75 watt reflectors with a narrower beam spread. Often the 150's are illuminating 100 square feet when the display area is only 50 square feet. When its possible to get the reflector close, experiment with a 30 or 35 watt reflector - they're safer, because lower wattage lamps cause less heat and color damage to the display. If you substitute even one hundred 150 watt reflectors with one hundred 75 watt reflectors, you're saving 7.5KWH, or 30-35 cents and hours, over $3 a day, and over $900 a year. (Keep in mind that the cost of electricity will rise between 10 & 15% per year from now on - each year you will save more.) If you buy one 75 watt lamp for $2 to replace a 150 watt unit, it will save about 3 cents a day, or $9 a year - it pays for itself in about 90 operating days.
Fluorescents are efficient
The tremendous advantages of fluorescent lamps is that they put out up to five times as much light, watt for watt, as incandescents (household bulbs, reflectors and floods). Where you need a 1,000 watts of incandescent light, 200 - 250 watts of fluorescent will do. Also, fluorescents last up to 18,000 hours while reflectors last only 2,500 hours. Thus they reduce energy use, replacement and labor costs.

The disadvantage of fluorescent lamps is that they can't beam onto a target like reflectors can, and their color rendition tends toward the cold blue end of the spectrum, while incandescents tend toward the warm, yellow red end, giving a much more homey, cozy feeling.

Fluorescents then are good for work areas and non-display areas, and as "ambient" or general lighting in display areas. Since in display areas you've got a great deal of incandescent light, a low level of fluorescent light is acceptable. This can be achieved either by going to lower wattages, or by removing two lamps from a four lamp fixture (and disconnect the ballast). Many areas lit by fluorescents, such as hallways and storage places, are over illuminated - all you need is safety in those areas.

One prime rule to obey while designing, however, is that of uniformity, you don't want "puddles" either of extreme light or darkness - it's uncomfortable for the human eye, and is psychologically disconcerting. Leave puddles for the romance and suspense of James Cagney movies. Beware also of high contrast in building entrance areas - you must ease the visitor into the gloom of the building or ou into the glare of daylight.

Hours of operation
Many buildings leave their entire lighting system on while the janitorial staff are working. Janitorial crews are probably not interested in the displays. Experiment with which lights best illuminate the floors and other areas to be cleaned, and cut back to them when visitors have left. If you leave lights on all night for security purposes, leave only the fluorescents on, since they are so much more efficient.

Outdoor lighting
Finally, energy waste in outdoor lighting is possibly the easiest to eliminate. Begin by realising that outdoor lighting is used for either security or to "wash" a building or object. Except for lighting a sculpture or similar object incandescents are wasteful. The ideal for outdoors are sodium lamps which are seven or eight times as efficient as incandescents. They are excellent as area lights, and are increasingly used as streetlight and for parking lots. The initial cost is fairly high, but they pay for themselves quickly in reduced energy consumption.

Disclaimer
Typos and errors of fact are attributable directly to James Mack who had his arm twisted up his back to produce this newsletter.