



W.A.S.

JOURNAL

THE WESTERN APICULTURAL SOCIETY
OF NORTH AMERICA

VOLUME 15 NUMBER 4

October 1995



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Western Apicultural Society of North America

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Advertising Policy

Advertising is solicited and accepted on a prepaid yearly basis as follows:

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Membership Rate Information

| | |
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| Individual-----\$10.00 | Commercial---\$50.00 |
| Junior-----\$7.50 | Life-----\$100.00 |
| Senior-----\$7.50 | Couple life---\$150.00 |
| Couple-----\$15.00 | Benefactor---\$500.00 |
| Associate-----\$10.00 | Patron-----\$1000.00 |

All membership inquiries, dues payments, new memberships and renewals should be addressed to the treasurer. (Address and phone number above)

Publication Schedule

The Journal is published quarterly on a regularly scheduled basis:

October following the conference with a submission date for material of October 1st.

January with submission deadline of January 10th.

April with conference information and a submission date of April 1st.

July with final conference details and a submission date of June 15th.

Articles, news, letters to the Editor or President, or other items of interest are not only welcome but solicited from the membership on a regular or one time basis.



WAS Board of Directors

Each state/province in Western North America is entitled to elect one Director on the governing board of the Society. Directors meet before and after each general meeting and set policy and guidelines for the operation of the business of the Society. Throughout the year they serve as the liaison between the Society officers and the members in their respective states. They are responsible for recruiting new members, keeping track of state concerns and advising the membership of their activities through this Journal. The board currently consists of the following members:

Washington

Miriam Bishop, P. O. Box 625 Twisp WA 98856

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Ian Farber, 3249 Schubert Rd. Kamloops, BC Canada V2B6Y4

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Utah

Roseanne Phelps, 718 No. Fort Lane, Layton, UT 84041-2662 (801) 544-2338.

California

Stan Umlauf, 17 Sharon Drive, West Pittsburg, CA 94565. (510) 458-3900.

Alberta

Ed Hansen 12425 134th St. Edmonton AL T5L1V3

Colorado

Joe Erickson 27931 Man O War Trail Evergreen CO 80439

Other states and Provinces

Vacant

W.A.S. Has gone On-line ! !

W.A.S. has gone on-line at the request of the board of directors. The board felt it would facilitate communications between Ron Neese, Treasurer, Mike Burgett, Program Chairman, and Russ Messing, President. This is especially true since there is a 3 hour time difference between the west coast and Hawaii. It will also keep the phone bills down. You can reach W.A.S. (Ron Neese, Treasurer) on the internet at: was@mother.com. If you have any suggestions or ideas about how to use our internet connection to better benefit, send an e-mail note to the above address.

THE EDITOR'S PLACE

The mailing list

Please keep us informed of your *current* mailing address. We would like to insure that you receive your Journals and must have a correct mailing address to get it to you. If you move, change addresses or post office boxes, don't forget to send us a change card. Some names have had to be deleted from the mailing list as we have no valid addresses. This includes several "Life" members. This issue will go out bulk mail if we still have enough domestic members on the list to qualify. We mailed 207 Journals to domestic members the last time. We must have 200 to qualify for a bulk mailing. Foreign (Canada and England) mail does not qualify for bulk and still must go first class.

The Journal Budget

I was given a budget of \$300 per issue or \$1200 a year to publish the Journal. So far I have been able to stay well within that budget even with postage and printing costs rising substantially this past year. I do not anticipate needing an increase in that budget for next year. This year's costs will probably be about \$1100 as some of the issues may run more than the number of pages we have been using.

Contributions

There is little point in filling this Journal with material from some other publication, such as the trade journals or Eric's U C Apraries Newsletter, so I need news from our members. Directors, what is going on in your states or provinces? Delegates, what are your local associations doing? What is happening at the universities in the way of new research? Commercials, what is new on the market in the way of equipment or supplies? Send me your news or articles. I am just the editor. I'm not supposed to write the Journal, just publish it.

WESTERN APICULTURAL SOCIETY Minutes, Delegates and Directors Meeting August 15, 1995

The meeting was called to order at 3:50 p.m. by President Eric Mussen. Officers, Directors, Delegates and members attending were: L. Joy, S. Umlauf, B. Spangler, R. Neese, F. Miller, G. Steffensen, C. Duncan, M. Burgett, R. Messing, R. Parsons, N. Gary, W. Nye, D. Tucker, W. Phelps, C. Dilly, B. Marion, T. Muncey, E. Mussen, N. Stewart, O. Jones, B. Jones.

The President commented on conference costs and pre-registration (about 80). The minutes of the 1994 Delegates and Directors meeting were approved as printed in the November, 1994 Journal. The Secretary, N. Stewart, reported on correspondence for the year. The Treasurer, R. Neese, reported on membership. It stands at 233, however only 153 of that number are current with paid membership. Membership breaks down to (current) 28 Individual, 1 Junior, 10 Senior, 9 Couple, 50 Lifetime, 22 Couple Lifetime, 4 Associations, 4 Association Permanent, 3 Commercial and 11 Complementary. The Treasurer read the financial report and placed it on file. Discussion about financial losses from past conferences led C. Duncan to volunteer to try to find funding for the Society.

The Auditor, B. Spangler, read the Auditor's Report and placed it on file. Journal Editor, B. Spangler, made the following recommendations in his report, 1. Divide members into active and in-active categories, based on whether dues are paid, and mail Journals only to active members, 2. Promote ads in the Journal to help pay costs of publishing and mailing.

Committee reports: Sites Committee Chair, M. Burgett, recommended Hawaii for 1996. No one has approached him concerning sites for 1997 and 1998. Awards Committee report was put on hold. Nominations Committee Chair, O. Jones reported that B.C., Nevada, Colorado and Utah need to meet and nominate new Directors. Arizona may be an appointment. Bylaws Committee Chair, J. Bach was not present. R. Neese made the report, thanking J. Bach and his committee for their work in updating the Bylaws and noting that all the changes and recommended wording is on disk in custody of the Secretary. There were no Resolutions. The President appointed S. Umlauf to chair the Resolutions Committee.

Old Business: S. Umlauf moved the Board recommend that the Society establish an Association Permanent Membership category for non-profit groups. B. Spangler seconded. Motion carried. R. Neese moved the Board set the dues at \$50.00 for the new category, if it is enacted at the General Meeting. B. Spangler seconded. Motion carried.

New Business: S. Umlauf moved that any delinquent members be dropped from the Journal mailing list. L. Joy seconded. Motion carried. The Treasurer will send

one renewal notice to delinquent members with a prepaid return envelope (to be donated by F. Miller). Those who do not respond will be dropped from the regular Journal mailing list, but still be available to special mailings.

N. Gary read a letter to the meeting about the current state of membership and the future of W. A. S. suggesting that we think about how and where the organization is going. Lively discussion followed.

N. Stewart moved to recommend to the General Meeting that our 1996 conference be held in Hawaii. S. Umlauf seconded. The motion carried. The President appointed an ad hoc committee to discuss conditions for the 1996 conference that would avoid financial losses. Members are Russell Messing, Mike Burgett, Ron Neese, Nancy Stewart and Stan Umlauf. The meeting was adjourned at 6:22 p.m.

Submitted by Nancy Stewart, Secretary

WESTERN APPICULTURAL SOCIETY General Meeting, August 18, 1995

The meeting was called to order at 3:04 p.m. by President, Eric Mussen. Approximately 40 people attended. The President declared the minutes of the 1994 General Meeting be approved as published in the November 1994 Journal. There were no objections. The President reported on the number of conference attendants (approximately 100), Journal changes and the amount of hours of work (approximately 500) it takes to put on the annual conference.

N. Stewart gave the Secretary's report. R. Neese reported on membership (details in the minutes of the Delegates and Directors Meeting). He gave the Treasurer's report and placed it on file. He asked any member who knows the whereabouts of Manny Aguirre to contact him. The Treasurer commended the Journal Editor, B. Spangler, on keeping costs down, his accuracy in accounting for costs and his responsibility for increasing dues payments. Auditor, B. Spangler made his report and placed it on file. T. Muncey moved the Treasurer's and Auditor's reports be accepted. J. Thiemann seconded. Motion carried.

Journal Editor, B. Spangler asked members to contribute articles for the Journal, reported he is in the process of making an accurate mailing list and requested anyone to place ads in the Journal. Members may place business card size ads for any business, bee related or not. Ads from non members must be bee related. Each issue of the Journal gives sizes and rates for ads.

Sites Committee chair, M. Burgett reported tentative dates for the 1996 conference, proposed to be in Hawaii, August 6, 7, 8, 9. Washington was suggested for 1997 and Arizona for 1998.

Resolutions Committee chair, S. Umlauf presented two resolutions pertaining to when the annual conference may be held. The first recommended that the annual conference be held any time during the year



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rather than be limited to August as is now in the Bylaws. The second resolution recommended that the annual conference be held during one of the last six months of the calendar year. These resolutions will be acted upon in the next Delegates and Directors Meeting.

Nominations Committee chair, O. Jones, recommended the following slate of officers for 1996: Russell Messing, President; Nancy Stewart, Secretary; Ron Neese, Treasurer; Tom Muncey, Nevada Director (2 year term); Ian Farber, British Columbia Director (2 year term); Roseanne Phelps, Utah and Ed Hansen, Alberta (both 3 year terms); Fletcher Miller, Alaska (1 year term); and Joe Erickson, Colorado to be appointed for a 2 year term.

R. Neese read a letter and report from Bylaws Committee Chair; J. Bach, noting changes made in past minutes and recommended wording changes.

R. Neese moved the Society accept the Board of Directors recommendation to have a new membership classification of Association Permanent. G. Steffensen seconded. Motion carried.

It was reported that the Board of Directors decided that inactive (non-dues paid) members be removed from the Journal mailing list. They will be sent a notification with a stamped return envelope to encourage payment of dues.

Under New Business, R. Neese moved the election of the slate of Directors presented by the Nominations Committee. M. Burgett seconded. Motion carried. J. Thiemann moved the election of President, Vice President, Secretary, and Treasurer. G. Kern seconded. Motion carried.

M. Burgett, chair of the ad hoc committee on the 1996 conference asked R. Neese to report of its recommendations. The committee recommended that the Society ask for a \$200.00 deposit, per person, by December 1, 1995 from those who will attend the Hawaii conference. The deposit will only be refunded if the conference does not take place. B. Spangler moved we accept Hawaii as the 1996 conference location. T. Muncey seconded. Carried. Possibilities for 1997 are Utah (with Jones and Nye) or Washington (Eric Erickson); 1998 Reno (Joy and Muncey) or Arizona. There was no action taken. B. Marion moved it be recommended to the Board of Directors to accept the proposed resolution to change the bylaws to say the conference can be held any time during the year. J.

Thiemann seconded. Motion carried.
The meeting was adjourned at 4:15 p.m.
Submitted by Nancy Stewart, Secretary

WESTERN APICULTURAL SOCIETY
Minutes, Delegates and Directors Meeting
August 18, 1995

The meeting was called to order by President, Russell Messing at 4:30 p.m. Attending were: R. Neese, T. Muncey, I. Farber, B. Marion, F. Stewart, R. Parsons, M. Parsons, W. Phelps, B. Jones, O. Jones, B. Spangler, G. Steffensen, S. Umlauf, R. Messing, M. Burgett, E. Mussen, N. Stewart.

In opening remarks, the President said he will need lots of help for the 1996 conference. He does not have access to support staff with his work. He will look for Hawaiian beekeepers clubs and the other W. A. S. officers to help. It was clarified that the \$200.00 deposit will cover \$100 registration fee and \$100 to go for other organized activities to be arranged based on the number of participants. Local (Hawaiian) participants will not be asked to make the deposit.

The President appointed the following: Journal Editor, Burt Spangler; Auditor, Burt Spangler (he offered to resign this function if the organization thought there could be a conflict since as Journal Editor he spends Society funds--no one thought so); Sites Chair, Mike Burgett; Nominations Chair, Olive Jones; Bylaws Chair, Ron Neese; Parliamentarian, Ron Neese; Program Chair, Mike Burgett.

S. Umlauf reported on the resolution recommended by the General Meeting to allow the Society to hold its annual conference at any time during the year. B. Spangler moved to accept that recommendation. W. Phelps seconded. Motion carried.

Treasurer, R. Neese, asked to be put on the Internet to make communication easier (especially with Hawaii coming up). M. Burgett moved the Ron investigate the costs and, if \$25.00 or less, go ahead. L. Joy seconded. Motion carried.

The meeting was adjourned at 5:00 p.m.

Submitted by Nancy Stewart, Secretary

Western Apicultural Society

Auditor's Report 1994-5

The financial records of the Western Apicultural Society were examined at Grass Valley, CA, on Tuesday August 8th, 1995 by Burt Spangler, duly appointed auditor.

The financial records system has not changed from that used in prior years and described in previous audit reports. It is a computerized system which generates

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all the standard, generally accepted accounting report formats. These are normally made available to members attending the general business meeting of the Society at the annual conference. Since they were not available for the 1994 meeting, held in lieu of a conference, a summary was published in the post meeting issue of the WAS Journal.

While the records show that the Society is currently solvent there has been a significant decrease in the over all balance and cash assets of the organization over the last three years. From a high of \$18,081.55 in 1992, the net worth has dropped to its current level of \$11,598.49. This is due to conference losses at the last two conferences and the aborted conference plans for 1994. The expected significant decrease in dues collections did not occur and dues collections held up probably due to the regular issues of the Journal.

A goodly number of the members still being carried on the membership and mailing list are far in arrears as to dues payments--some as far as six years.

While it is beyond the scope of this audit to evaluate the operating policies of this organization, it would appear that the continued carrying of delinquent memberships is having a negative effect on the fiscal condition of the Society. Mailing and publication of the Journal and other items of general correspondence are costly and from a fiscal viewpoint should be restricted to active or current members.

The current fiscal examination included a review of the computer printouts (general ledger, profit and loss statement, and balance sheet). The checkbook and receipt book were spot checked and random audit trails were established resulting in no finding of errors or faulty entries.

Audit exceptions

No audit exceptions are reported.

Response to previous recommendations

Previous audit recommendations have been noted and followed. The bank account has been changed to a new institution (due to the sale of the previously used bank) and is now free of service charges and is interest bearing.

Recommendations

It is recommended that:

1. All accounts payable be forwarded to the

treasurer in a timely manner so that they can be settled before the assessment of late charges.

2. That current accounting method and record keeping procedures be continued.

3. That the membership list be evaluated and divided into active and inactive sections.

4. That only active members be maintained on the Journal mailing list. The inactive file can be used for special mailings and active membership drives.

5. That every effort be made to collect delinquent dues and/or secure reinstatement of members dropped from the active list for delinquency.

6. That the Treasurer be commended for the adequacy of his records and the work and diligence applied to his position.

7. That this report be published in the post meeting issue of the Journal with a summary of the Treasurer's Report.

Manford B. "Burt" Spangler
Auditor

1995 W.A.S. Conference in Review

By Eric C. Mussen

Our 17th Annual Conference began encouragingly when all 13 tables in the exhibits room were crammed full of beekeeping supplies, honey bee publications, all sorts of honey bee related jewelry and clothing items, and two trays of objects for the silent auction. The exhibits room became the hub of activity for the rest of the conference. We are specially grateful to the following donors whose contributions helped defray the costs of beverage breaks:

Corporate - Bee Culture Magazine, Carrier's Bee Supplies, Dadant & Sons, Inc., Jul-Mar, Inc., Perma-Comb Systems, Sacramento Beekeeping Supplies and B.J. Sherriff.

Individual - Charles Duncan, Ardith and Beulah Eggman, Ian and Betty Faber, Norman Gary, Ria de Grassi, Ken and Margie Harshberger, Ray and Gerry Hicks, William and Olive Jones, Gordon Kern, Dennis Levi, Bob Marion, Marshall McDonald, Peter and Patricia Meursinge, Neil and Mary Miller, Ron and Maryellen Parsons, Wilburn and Rose Ann Phelps, Virgil and Dorothy Philippi, Ben Pugh, Sidney Spring and Jan Tarr, Fred and Nancy Stewart, John Thiemann, Kenneth and Shirley Tucker, Stan Umlauf, Howard Westley, Daniel Wodjac and all those whom I am sure that I missed during the crunch of registration record keeping.

Outdoor temperatures dropped almost 20 degrees, into the 80's, during the two days upon which we held outdoor activities. The first day, we spent a very leisurely three hours gliding along the Sacramento River on the Matthew McKinley. Lunch was served,

buffet style, at water level in the beautiful restaurant on the lower deck. The food was extremely good and plentiful. Following the meal, most participants returned to the upper deck to enjoy the sensational weather and interesting scenery.

The other outdoor/indoor activity was conducted at the Bee Biology Facility on the UC Davis campus. Despite a few temperamental bees, Norm Gary eventually was able to explain and demonstrate how the Johnny Carson Show bee segment was conducted. Following that, the performing bees were used to construct bee beards on volunteer participants.

Simultaneously, other participants were examining Robbin Thorp's displays of commonly encountered wasps and bees of the western states, comparing the amount of pollen stored in colonies headed by Rob Page's high and low pollen collecting lines of bees, watching instrumental insemination of queen honey bees on live TV through a microscope camera, learning how bees' wings are measured for Africanization analysis, observing live Varroa mites on bees, examining Christine Peng's colony that lives mostly in plastic tissue culture plates, and taking time to ask the experts the many pent up questions they had about bees. The box lunches from The Mustard Seed were really scrumptious.

Every evening conference participants returned to Sacramento to visit Old Sacramento or to stroll through shops and department stores in the adjacent Downtown Plaza mall. A few hardy individuals went to Vacaville, just down the highway, and took on the 50+ Factory Outlet stores, Wal-Mart, Sports-Mart, etc.

Drs. H. Shimanuki and Eric Erickson gave synopses of the ongoing research in the Beltsville and Tucson USDA/ARS bee laboratories. There is still a good mix of basic and applied research being conducted in both locations. Not surprisingly, honey bee mites are getting a lot of attention.

Ardith Eggman, a California beekeeper, and Dr. Russell Messing, an entomologist from Hawaii, discussed beekeeping in the lower Sierra Mountains and on tropical islands in the Pacific Ocean, respectively. Both regions have large areas of natural beauty, and both areas are being invaded by urban encroachment and agriculture. Ardith has to watch out for bears, and Russell has to evade bee eating toads.

Licensed Acupuncturist, Michael McCulloch; Lay Apitherapist, Louise Estupinian; and arthritis patient, Evelyn Sweeney, joined me for a panel discussion of multiple sclerosis and other diseases treated with bee sting therapy. The audience was brimming with questions which were all answered satisfactorily.

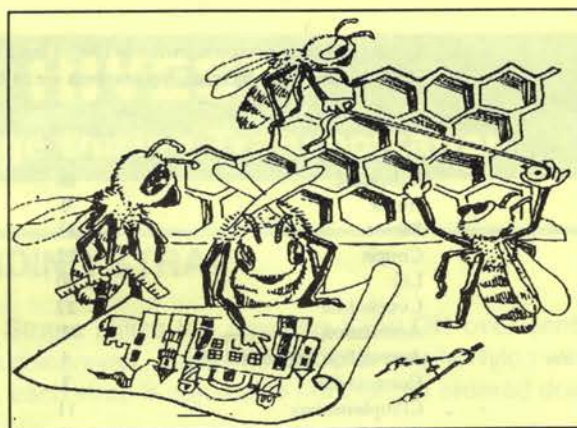
The speaker who received rave reviews was Terri Jensen, an undergraduate student majoring in Wildlife, Fish and Conservation Biology at UC Davis. Terri described her studies on wood ducks and the occurrence of honey bee swarms in wood duck boxes. Additionally, she described results of experiments

where artificial swarms (packages) were placed in wood duck boxes, the inside tops of which had been coated with Teflon or treated with a small plastic pesticide strip. Persistent paper wasps and honey bees were able to build nests on the slippery coating, but the pesticide strips were unbeatable.

Our annual Awards Banquet wrapped up the Conference. The Ortiz family, from Sacramento, donated beautiful bee hive centerpieces for each table. WAS President, Eric Mussen, presented Certificates of Appreciation to WAS Secretary Nancy Stewart, Treasurer Ron Neese, Journal Editor and Auditor Burt Spangler, Program Director Norm Gary, Photographer Gordon Kern, and to three helpers who really made the meeting a success: Mary Ann Montague, Shirley Humphrey and Helen Mussen. President Mussen asked Dr. Rob Page to present the 1995 WAS Award for Outstanding Service to Beekeeping to Dr. Eric H. Erickson, Jr. Dr. Erickson has been active in honey bee research, teaching and outreach for more than 20 years; published more than 130 scientific and popular articles on bees; and served as Director of two USDA/ARS bee labs in Madison, WI, and Tucson, AZ.

A very spirited auction followed the Awards Ceremony. Every single person in the room bid on the round comb sections and bottles of honey that had been donated for the cause (Yes, there is a trick to this, but it sure works!). Finally, we had to leave John Q's Ballroom, that overlooks the river and the city lights, but we were already planning for an exceptional conference on the Kona Coast of Hawaii next year, from August 5th to 9th. We have to decide quite early whether Hawaii is "Go" or "No go." Therefore, we are asking that those who want to have a Hawaiian Conference deposit \$200 per person with Ron Neese in the WAS treasury before December 1, 1995. *If we do not get enough interest, there will be no Hawaiian Conference and the deposits will be refunded.* If we do hold a Hawaiian Conference, there will be no refund of the \$200 for those who later decide not to attend.

Shirley Humphrey is still waiting for some of you to return those computer use (or don't use) surveys that we placed in your registration packets. Is yours still in the vinyl WAS portfolio somewhere? We could really use it, here! Thanks for looking. Have some of you tried Windows 95 on your computers, yet? I know individuals who have "uninstalled" in total frustration! (Ed Note: Get a MAC)



BEE MASTERS SHORT COURSE

The 1996 Bee Masters Course will be offered February 19 - 24 at Simon Fraser University, Burnaby, British Columbia, Canada, just outside the scenic city of Vancouver.

Bee Masters is a week-long, intensive course in advanced beekeeping that has been held every second year for 44 years. The course is offered jointly by the B.C. Ministry of Agriculture and Simon Fraser University, and includes topics such as seasonal management, nutrition, queen rearing, pollination, diseases, mites, Africanized bees, pesticides, marketing, hive products (honey, pollen, propolis, royal jelly, wax, etc.), and much, much more. The course combines illustrated lectures, laboratory periods, social events, lots of discussion, and an optional final examination. Participants are expected to have previously kept bees and to have some knowledge about bees and beekeeping; hobbyists, sideliners, and commercial beekeepers are welcome, and all will benefit from and enjoy this course.

Lecturers for the 1996 course include Rob Currie, Cynthia Scott-Dupree, Maryann Frazier, Mark Winston, Paul van Westendorp, Doug McCutcheon, and many others.

For further program and registration information:

CONTACT: Athena Roussinos (604) 291-3649

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TREASURERS REPORT FOR 1995 CONFERENCE

The membership grew somewhat in 1995, I think largely due to the regular frequency and quality of the WAS Journal. The membership numbers are as follows on August 1, 1995:

| Type | Current | Past Due | TOTAL |
|-----------------------|------------|-----------|------------|
| Individual | 28 | 53 | 81 |
| Junior | 0 | 1 | 1 |
| Senior | 11 | 10 | 21 |
| Couple | 22 | 9 | 31 |
| Life | 50 | NA | 50 |
| Couple Life | 22 | NA | 22 |
| Association | 2 | 4 | 6 |
| Association Permanent | 4 | NA | 4 |
| Commercial | 3 | 3 | 6 |
| Complimentary | 11 | NA | 11 |
| Patron | 0 | NA | 0 |
| Benefactor | 0 | NA | 0 |
| TOTALS | 153 | 80 | 233 |

As you can see, we have a large number of delinquent members.

While still remaining solvent, the society has lost significant amounts of money on operations over the last 3 years. This includes the conferences in Oregon and B.C. We hit a high in our treasury in 1991 of over \$18,000.00 but are now down to \$11,598.49. Some of that loss is prepayments on the 1995 conference, however at December 31, 1994 with only \$500 prepaid for the 1995 conference our balance was only \$13,247.39. I am estimating that we will lose another \$2,000 - \$3,000 on the 1995 conference. This problem of conference loss needs to be addressed at the 1995 conference so that our treasury will not continue its downward slide.

Addendum: After close of books for the 1995 conference I am happy to announce that we only lost slightly over \$1,000. This is due to diligent effort on Eric Mussen's part and the help of all who participated in the auction, which was our biggest money making auction yet.

Respectively submitted,

Ron Neese
Treasurer

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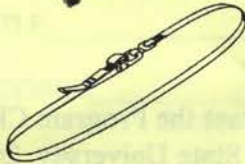
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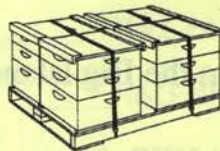
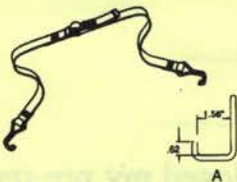
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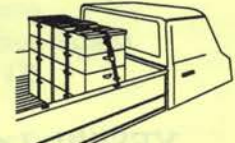
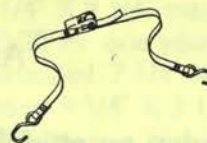
For easy transportation of Beehives, made especially for pallets. 1" pallet hook attached to each end. (Hooks are low profile and fit snug against pallets.) See detail A above.

7 ft. strap (4 to a box) \$35.95/box

10 ft. strap (4 to a box) \$40.95/box

Ask about quantity discounts!

TRUCKLOAD STRAP WITH RATCHET BUCKLE



1" vinyl coated S-Hooks attach to eye bolts, slots or rods in order to secure your beehives in a truck. Available in 15 ft. (suitable for pickup trucks) and 25 ft. (suitable for flatbed or other large trucks).

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Western Apicultural Society of North America to meet in Hawaii

The WAS invites you to join us in HAWAII in August of 1996. The annual meeting will be held on the big island of Hawaii close to the center of Hawaiian commercial beekeeping. A full program of local, national and international speakers, combined with beekeeping tours and visits to the grandeur of volcanoes and tropical forests will take place during the period 5 through 9 August 1996. The ocean fronted Royal Kona Resort hotel will be the venue for our meeting.

Efforts to reduce costs are being actively pursued by the WAS Executive Committee and include the possibility of a chartered air carrier. Our hotel accommodations are guaranteed to give us the highest quality for the lowest prices available in our nation's vacation paradise.

In order to maximize the benefits for this meeting, an early pre-paid deposit will be required. A \$200 non-refundable deposit must be made before December 1 of 1995. We encourage you to join us in Hawaii and so that we may be sure to provide you an unforgettable beekeeping adventure, please send your \$200 per person deposit to:

Western Apicultural Society
P.O. Box 681
Woodland, CA 95776

If you have any questions concerning our meeting please contact the Program Chairman for WAS-96; Michael Burgett, Department of Entomology, Oregon State University, 2046 Cordley Hall, Corvallis, OR 97331-2907 {tele: (503) 737-4896 - email: burgettm@bcc.orst.edu}

1996 WAS IN HAWAII

August 5 - 9 on the Big Island

YES!!!! I do plan on attending!!!! And YES, I have enclosed my pre-registration deposit.

Name: _____

Address: _____

Deposit: \$200 x _____ persons = _____

Make checks payable to **WAS** and mail to:

WAS
P.O. Box 681
Woodland, CA 95776

Must be received before December 1, 1995.

THE JOURNAL OF THE WESTERN APICULTURAL SOCIETY OF NORTH AMERICA



EDITOR: Burt Spangler
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The WAS Journal is published quarterly at Grass Valley, CA and distributed to the membership of the society, free of further charge. The mailing list numbers between 200 and 300 copies, and goes primarily to the western United states and Canada.

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