

# *Orchid Newsletter*

## *Lincoln Orchid Society*

Lincoln Orchid Society LOS; P.O. Box 5501; Lincoln, NE 68505-5501

### **Orchid Culture and Conservation, Sowing the Seeds of Knowledge.**

#### **MEETING:**

**January 25, 2006** - "Extending Flower Life", "Repotting", "Growing Orchids in a Terrarium", and "Pest Control"

Video from Fantasy Orchids; Louisville, Colorado. Included in the program will be information to staking flower spikes for best flower presentation, so your plants will be at their best for the upcoming LOS Displays and/ or GOOS Show. (Permission granted from Fantasy Orchids for showing portions of this video material.)

#### **ARTICLE HIGHLIGHTS:**

GOOS/ MAOC Orchid Show - Planning and Deadlines: page 5, Program: page 1; Local Orchid Seminars: pages 4 & 5; New LOS Web-site and Updates: page 2, Future Group Plant Purchase: page 5; Questions & Answers - page 6-7, Culture Requirements for Jan. - Feb.: page 7; Area Events - page 9 & 10

#### **PROGRAM:**

"The Fascinating World Of Orchids" from Fantasy Orchids, Narrated and taught by orchid expert Stan Gordon. Orchids are the largest group of flowering plants on the earth and they have some of the most fascinating flowers in nature. See hundreds of orchid blooms and learn why they are the most desirable house plant you can grow. You will learn where they grow in their native habitats and discover that many orchid flowers can bloom for many months. This is a fact filled program that covers a lot of information about growing orchids in the home, general information about orchids, and lots of great photography!

Chapter selections: 1: Introduction, 2: Cattleya, 3: Phalaenopsis, 4: Dendrobium, 5: Oncidium, 6: Vanda, 7: Paphiopedilum, 8: Angraecum, 9: Miltoniopsis, 10: Species and Unusuals, 11: Culture, 12: Water / Fertilizer / Potting Media, 13: Temperature / Humidity / Air Flow, 14: Flower Life, 15: Repotting, 16: Terrarium Growing, 17: Pests.

DVD, 72 minutes, Price: \$19.99 plus shipping. <http://www.fantasyorchids.com/inc/sdetail/84>

Fantasy Orchids; 830 W. Cherry St.; Louisville, Colorado 80027; 303-666-5432; E-mail: [sales@fantasyorchids.com](mailto:sales@fantasyorchids.com) ;

Main Page: <http://www.fantasyorchids.com> (scroll to the right for DVD information or use link above)

#### **MEETING, ACTIVITIES:**

- **New Growers' Group** - New Members & Guests are encouraged to bring in their plant/s for identification to assist with determining culture requirements or answering questions regarding their plant/s.
  - **Refreshments:**
  - **Monthly Plant Raffle** - Ticket \$1 each, buy one or several, for opportunity to win plants donated by members.
  - **Plant Talk** - Members display orchids in flower and explain how they grow them.
  - **Program:**
  - **Potting Media** - Standard or Seedling Mix, one gallon bag for \$3.00 contact Tim Janssen
- Current Yearly Membership: \$10** (Includes monthly newsletter) due September 1 annually.
- New Members receive a free orchid plant.
  - LOS offers free membership to anyone 18 years of age or younger.

(Completion of the "Membership Application/ Renewal" form is required to verify that our documentation is current and to ensure delivery of your Newsletter by postal or e-mail, if we encounter any delivery problems; plus proper credit of your account with LOS.)

**Location:** Meetings held at Madonna; 5401 South St.; Lincoln, NE the **last Wednesday of each month** at 7:15 p.m.,

**New room location, Agee Room** located on the lower level. Lower Entrance located South of the Main Entrance to Madonna on the East side of building. Access under Blue Green awning labeled "Rehabilitation Science and Engineering". Use stairs or ramp to enter lower level and proceed to Agee Room adjacent to Lower Entrance. Park at the South end of Visitors Parking Area.

**Lincoln Map and Building Floor Plan** [http://www.madonna.org/about\\_findus.htm](http://www.madonna.org/about_findus.htm)

## **LOS CALENDAR OF EVENTS, 2006:**

### **Programs:**

- January 25** - "Growing Orchids in a Terrarium" DVD presentation from Fantasy Orchids
- February 22** - "Catalog and Internet Ordering"
- March 29** - "Questions & Answers", Group discussion about new purchases
- April 26** - "Repotting Orchids"
- May 31** - "Summering Orchids Outside"
- June 28** - "Flower Arranging with Orchids" by Kevin Smith, owner of Petal Creations and Instructor at SCC
- July 26** - "Picnic and Auction" at Antelope Park, Lincoln
- August 30** - "Growing Orchids in Soil Culture" by Chuck Hanson
- September 27** - "Getting Orchids Ready for the Winter, Pest Control"
- October 25** - "Fragrance In Orchids" Slide Program from Orchids by Hausermann
- November 29** - "Pot Luck Dinner and Gift Exchange"
- December 27** - No meeting

### **Events:** (Details in Area Events listed below.)

- Feb. 18** "Questions & Answers" Orchid Seminar at Finke Gardens & Nursery 500 N. 66, Lincoln NE 466-1995
- Mar. 17-19** Husker Lawn and Leisure, Lancaster Event Ctr., 4100 N. 84, Lincoln; LOS Display
- Mar. 18** Orchid Seminar at Central Community College; 4500 63rd St.; Columbus, NE
- Mar. 24-26** 19th Annual Spring Orchid Show, Greater Omaha Orchid Society, and Mid-America Orchid Congress MAOC Show, Omaha; LOS Display.
- July 29, 2-4 PM** Greenhouse Tour at residence of Greg Arp with LOS
- Fall** Second Annual Orchid Show, Lincoln Orchid Society

**REFRESHMENT COMMITTEE:** two volunteers per month to provide refreshments at monthly meetings.

- Jan. 25 - Allen Bean and Dwight Languis
- Feb. 22 - Greg Arp and Richard Sukovaty
- Mar. 29 - Anne Pamperl and Nancy Pittman
- Apr. 26 - Jan Learned and Arlene Porter
- May 31 - John Biehle and Marilyn Biehle
- Jun. 28 - Gloria Arroyo and Anne Vidaver
- Aug. 30 - \_\_\_\_\_ and LaFern Zentz
- Sep. 27 - Jane Delano and \_\_\_\_\_
- Oct. 25 - Arlene Fowler and Lorna Kissling

## **OFFICERS/ CONTACT INFORMATION:**

**Board of Directors, 8 Members:** Allen Bean, Rich Sukovaty, Miranda Harkrader, LaFern Zentz, Jan Learned, Allen Busch, Marty Haferman, and Beth Languis.

### **Officers:**

- 1) **President, 9/05-9/07:** Allen Bean 465-5226
- 2) **Vice President, 9/05-9/07:** Rich Sukovaty

3) **Secretary, 9/05-9/07:** LaFern Zentz  
4) **Treasurer, 9/05-9/07:** Miranda Harkrader  
5) **Board Member, 9/05-9/06:** Allen Busch  
6) **Board Member, 9/05-9/06:** Marty Haferman  
7) **Board Member, 9/05-9/06:** Jan Learned  
8) **President - Retired, 9/05-9/07:** Beth Languis  
**Past Presidents:** Don Steinegger, Beth Languis, Dave Taylor, Tim Janssen  
**AOS Representative:** Dwight Languis  
**Web Master:** Rich Sukovaty  
**Newsletter Editors:** Dwight and Beth Languis 310-7177  
**Historian, Librarian:** Rich Sukovaty  
**Programs, 2006:** Coordinator - Rich Sukovaty; Committee: Board of Directors  
**Publicity:** Dwight Languis  
**Courtesy Committee 2006, Co-ordinator:** Jan Learned  
**Refreshments Committee 2006, Co-ordinator:** Rich Sukovaty

**LOS WEB-SITE UPDATES:** <http://lincolnorchidsociety.org> **New LOS Web-site:** due to his expanding business of web-site development, our current Web Master, Sam Fifer, will no longer be able to host and maintain our web-site; which he built in 2000 and has updated until 12/26/05.

Rich Sukovaty has volunteered to serve as our new Web Master and has previous experience providing this service with other organizations. He has secured a new web host, registered domain name .org and .com purchased, and posted a new web-site. The web pages have been redesigned with new formatting and graphics but still contains all of the information listed on our previous web pages. The new web-site allows for additional information to be posted, past Newsletters plus additional pictures of displays and Orchid Shows will soon be included.

**LOS Displays:** <http://lincolnorchidsociety.org/shows.html> A complete listing of member participation, plants entered, plant parentage, and awards received; plus photographs of the plants and displays.

- Greater Omaha Orchid Society, 18th Annual Spring Orchid Show; February 26-27, 2005
- Husker Lawn & Leisure Show; March 18-20, 2005
- Nebraska State Fair; September 3, 2005
- LOS First Annual Orchid Show; November 11-12, 2005

**Culture Sheets from AOS:** how to care and rebloom your variety of orchid. **PDF or HTML**

AOS Culture Sheets **PDF** <http://www.theaos.org/aos/orchids/orchids.aspx?sec=29>

**HTML** [http://www.taygeta.com/aos\\_culture.html](http://www.taygeta.com/aos_culture.html)

**Membership Form:** web posting as a PDF file <http://lincolnorchidsociety.org/member.html>

**Newsletter:** our monthly *Orchid Newsletter* web posting as a PDF file, requires Adobe Acrobat (free software) to read.

Request your free e-mail subscription to the Newsletter or submit questions to our society through the "Contact Us" link <http://lincolnorchidsociety.org/contact.html>

**Open Request to Membership:** If you have pictures of past LOS Displays or Events, Rich would like to add these to our web-site. Please transfer them to a CD marked with your name. If the file name does not identify the picture contents please include a text document to list file name and picture contents. Your CD will be returned.

### **TREASURY REPORT:**

**Account Balance:** \$2,396.09

**Membership - 5 New and 2 Renewals:** \$65.00

**Income, Raffle:** \$33.00

**Expences, Courtesy Committee:** \$15.00 for each, Kelly Erickson, Chuck Hansen

**Expences, Name Badges, 100:** (Dwight Languis) \$4.70

**Expences, Newsletter plus Postage:** (Dwight Languis) \$20.74

**Expences, Taxes:** \$30.58

### **BOARD OF DIRECTORS, MEETING SCHEDULE:**

**Friday February 11, 2006; 7:30PM** at home of Allen Bean; 1731 Deweese Dr.; Lincoln, NE 68504; 465-5226

### **BOARD DECISIONS:**

Announcements, E-mail (Vendors Selling Orchids) - Previously free distribution will become members-only benefit.

Banner - Due Mar. 1, larger banner available at no cost.

Calendar of Events - Finalize Programs and Events, except LOS Orchid Show

Courtesy Committee - Establish committee to send cards and extend other courtesies for events affecting members.

Membership Privileges - Develop list of members-only benefits.

Picnic Location - Mahoney Park to Antelope Park.

New Member Packet - Assemble information for new members.

Plant Group Purchases - Spring and Fall Scheduled, members-only benefit.

Signs - Clarify location of Bonus, Display, Raffle, and Sale plants.

Web-site - Design finalized.

### **LIBRARY:**

The society has a number of orchid books, plus current and past issues of *Orchids* (Monthly Magazine of the American Orchid Society). See section below **Articles of Interest: Orchids - Articles** for listing of articles included in each monthly issue. Current members of the society may check these out of the library and return them at the next monthly meeting. Contact Rich Sukovaty to check out items from the LOS Library.

#### **Library Contents:**

See your 2005 October Newsletter.

#### **Missing Items:**

Rich has conducted an audit of the Library. We are missing some of our materials, so please return any items checked out from the library at the next meeting.

**COURTESY COMMITTEE:** Committee to send cards and extend other courtesies for events affecting members. Please inform our coordinator, Jan Learned; when you, your family, or if you know of another member in our society that has a major event in their life.

#### **Birth Announcements:**

Kelly Erickson had a baby boy 'Jace' 12/5/05

Kim, daughter of Tim Janssen, had a baby boy 'Jonathan Christian' 1/13/05

#### **Thinking of You:**

Chuck Hanson's daughter in Arizona is terminally ill with cancer.

### **CAR POOL AVAILABLE:**

If you find it difficult to travel for any of the events of the society: meetings, orchid displays, seminars, or the new orchid show; please let us know as we value your attendance and will provide transportation for you. Contact: Dwight Languis; 14510 Ivanhoe St.; Waverly, NE 68462-1367-02; CELL: 402-310-7177; or e-mail <http://lincolnorchidsociety.org/contact.html>

### **NAME TAG AND ATTENDANCE REMINDER:**

Members and Guests attending meetings please fill in a Name Tag and register your attendance prior to the meeting. Guests attending for the first time will need to register. If you have attended a meeting in the past please verify that all contact information is correct and then mark your attendance.

### **PHOTO JOURNAL:**

Tim Janssen and Marty Haferman will be taking pictures at the meetings to create a journal to document members and events at our monthly meetings. The journal will help members to know everyone in the society. If you do not wish to be included in the Journal please advise Tim Janssen and Marty Haferman.

### **TRANSPORTING ORCHIDS:**

With cold temperatures prevailing, extra caution is needed if you plan to bring plants to meetings and GOOS Orchid Show! Exposure to severe cold could kill your plant, even brief temperature extremes can cause flowers or buds to drop. Place plants inside an insulated container (Thermos or Igloo, Ice Chest) or cardboard box enclosed with a plastic bag and sealed with a twist tie. Warm your vehicle prior to placing the packaged plants inside.

### **RAFFLE PLANNED:**

(If you have any that are not flowering for you or know of anyone who discards them after they finish flowering please consider having them donating to LOS for the raffle. They do not need to have name tags or be in good condition. The raffle plants are a valuable educational tool for growers to try varieties of orchids that are new to them and diversify their collection plus find a new home for the plants with a grower that may be able to provide the conditions needed to reflower them.)

Plants located on the table to the left at the front of the meeting room. Selected plants may be auctioned, with other plants to be raffled. Only current members of the society may purchase a raffle ticket \$1 each, buy one or several, for opportunity to win plants!

**Plants donated this month by:** Allen Bean, Marty Haferman, Dwight Languis, LaFern Zentz  
**(Pictures of flowers at meeting.)**

### **ORCHID SEMINAR, FINKE GARDENS & NURSERY:**

**Feb. 18, 1:00 PM** "Questions & Answers" by Dwight Languis with LOS; Finke Gardens & Nursery 500 N. 66, Lincoln NE 466-1995. How care for your new orchid or gain insight for choosing the right plant to expand your collection.

### **VOLUNTEERS NEEDED:**

We need your help filling the positions, if interested or for additional information contact any Board Member.

Sign up lists at meeting.

**1) Open Request to Membership:** Distribute Posters of LOS Displays and Seminars plus GOOS Show.

**2) LOS Booth & Display, Staff (Husker Lawn & Leisure Show):** FREE Gate passes will be given to persons volunteering to staff the show.

**3) LOS Display Coordinators (GOOS Show):** \_\_\_\_\_ and \_\_\_\_\_

**4) REFRESHMENT COMMITTEE:** two volunteers per month to provide refreshments at monthly meetings.

Aug. 30 - \_\_\_\_\_ and LaFern Zentz

Sep. 27 - Jane Delano and \_\_\_\_\_

Oct. 25 - Arlene Fowler and Lorna Kissling

**5) LOS Fall Show Coordinator 2006:** plan and co-ordinate committees for LOS to host Second Annual Orchid Show.

### **REGISTER YOUR PLANTS:**

If you would like your plants included in the **LOS displays (Event Center or GOOS Show)**, inspect your orchid collection and write down the names of the plants with flowers and those forming buds. If in doubt that it will open, better to include in your list as we will use to print show labels. Plants without name tag (plant label) can be in the display but will not be judged and we still need to know genera: Cattleya, Dendrobium, etc. The exact plant name as it appears on the plant label is needed to make Show Labels to identify the plants in the display and register the plant for judging (GOOS Show). **Entry Registration, Deadline Mar. 14:** Send the list of your plants with flower color for Cattleya or Phalaenopsis (not required for Dendrobiums or Specie Orchids) to: **E-mail by Mar. 14** <http://lincolnorchidsociety.org/contact.html> or provide a copy of your list at the **meeting Feb. 22**, (e-mail preferred) or **mail postmarked by Mar. 12** to Dwight Languis; 14510 Ivanhoe St.; Waverly, NE 68462-1367-02.

**Plant Preparation:** Clean the plant, stake spike and support flowers prior to opening. Remove supports, if not needed prior to show. Details: <http://www.homes2sell.com/ozone/grooming/groomed.htm> or see 'Growing and Displaying Orchids - A Step by Step Guide' by Wilma Rittershausen, Smithmark 1993; available at Lincoln public library. It is very important for you to write your name or apply mailing label to back or bottom of pot to identify your plant, and keep a list of all of your plants as we often get plants of the same variety and almost identical features from two or more members.

#### **LOS DISPLAY AT EVENT CENTER SHOW:**

**March 17-19** Husker Lawn and Leisure Show <http://www.huskerlawshow.com> ; Lancaster Event Center, 4100 N. 84 St., Lincoln <http://www.lancastereventcenter.com/> 17th 5-9 PM, 18th 10 AM - 9PM, 19th 11 AM - 5PM; Fee \$3.00; 420-5678

This will be the second year our society has been invited to the show. The Orchid Seminar originally planned has been currently pended. We will need volunteers to staff our booth during the show. Sign up list at meeting. Gate passes will be given to persons volunteering to staff the show at set up, see the show for free for helping LOS. Additional details in February Newsletter and meeting.

**Set-up:** you must bring your plants to the Events Center Thursday March 16, 4-8 PM. and be able to pick up your plants at the close of the show Sunday March 19 at 5:00 PM.

#### **ORCHID SEMINAR, CENTRAL COMMUNITY COLLEGE:**

**Mar. 18, Noon** Orchid Seminar by Tim Janssen with LOS; Central Community College; 4500 63rd St.; Columbus, NE

Program, 50 Minutes: "Orchid Populations by Location - World, Country, and State", "What Makes an Orchid a Orchid", and "Choosing the Right Orchid"; followed by a "Questions & Answers" session. More details in February Newsletter.

Plant sales, programs and demonstrations. Free admission and seminars.

8:30 AM - Noon: Vendor plant sales; Noon - 2:50 PM: Speakers covering a variety of topics: Roses, Arboretum, Tree Pruning, Garden Ponds, Outdoor Lighting, and Awarded Plants.

#### **ORCHID SHOW, GOOS/ MAOC:**

**Mar. 25-26:** 19th Annual Orchid Show, Greater Omaha Orchid Society, and Spring Mid-America Orchid Congress MAOC Show (New date and location). Marriot Hotel Regency Court; 10220 Regency Circle; Omaha, NE. daily 10 AM - 5 PM; Photographers Only Session - Sunday 8:00 - 10:00 AM. Entrance Fee \$4.00 (\$1.00 discount available); Displays of flowering orchids, related crafts, florist and educational exhibits. First time a MAOC Show will be held in the heart of the Mid-West. Contact: Roberta Ginavan 712-487-3085 [ginavan@gte.net](mailto:ginavan@gte.net) ; **Society:** <http://omaha-orchid-society.org>

The Omaha Marriott is holding a block of rooms for persons attending the events. In order to obtain the special rate of \$89 + tax, you should make your reservation no later than March 3, 2006. In order to receive the preferred rate, call Marriott reservations (1-800-228-9290) and ask for reservations at the Omaha Marriott for the Mid-America Orchid Congress meeting. Omaha Marriott is 402-399-9000.

Hotel: <http://marriott.com/property/propertypage.mi?marshaCode=OMAWE>

**Speakers:** (Fee for Daily Seminars and Sunday Breakfast, discounts for preregistration postmarked by Feb. 28)

Erich Michel, Hoosier Orchid Company, who will speak on Encyclias

Marge From, Henry Doorly Zoo, who will speak on the zoo's Madagascar Orchid Project that was funded, in part, by a grant from MAOC

Robert Fuchs, RF Orchids, who will speak on the upcoming World Orchid Conference

Cordelia Head, J&L Orchids, who will speak on new breeding in miniature orchids

Dr. Harold Koopowitz, AOS Director of Conservation, who will speak on conservation from the standpoint of stewardship. Doris Asher, MAOC Affiliated Societies Chairperson, will lead a discussion at the Affiliated Societies breakfast Sunday on Specialty Groups within an orchid society.

**Planning, Deadlines:**

Feb. 28 Exhibit Registration #

Feb. 28 Attendance Registration for discounted rate # (Registrations will still be taken at door but at increased fee)

Mar. 3 Marriot Hotel reservation for discounted rate

Mar. 12 Postal, Mar. 14 Plant Registration (Only for those in LOS Display)

# Posted on our web page <http://lincolnorchidsociety.org> as a PDF file or contact Dwight Languis for a copy.

#### **Schedule:**

##### **Saturday**

10 AM - 5 PM - Open to Public  
6 PM - Viewing of Auction Items  
7 PM - Auction  
8 PM - Banquet

##### **Sunday**

8-10 AM - Photographers Only Session  
10 AM - 5 PM - Open to Public

#### **PLANT GROUP PURCHASES:**

Last Fall members of the society placed an order at the September meeting with Carter and Holmes Orchids of Newberry, South Carolina ; <http://www.carterandholmes.com> at a 30% discount off the published catalog prices as the order totaled over \$500.00 and picked up the plants at the October meeting. Final cost included shipping charges. (Many orchid vendors offer plants at discounted pricing to AOS affiliated orchid societies.)

LOS is currently planning two Group Purchases - Spring and Fall scheduled for this year. This offer will be for current LOS members only. This will allow you to purchase many of the orchid varieties that are not locally available and the size of plant that you want. Vendor and ordering information will be included in the February Newsletter, this will allow you to order a catalog or check the vendor's web pages to make list of plants you would like. If you have a favorite vendor to be considered for the Group Purchase, please contact Dwight Languis **before February 11**; currently: Carmella, H & R, and Tropical Orchid Farm.

#### **BYLAWS REVISED:**

The document which governs our society was approved by the membership at **June 29, 2005** meeting. Our society proceeded to acquire 'Not for Profit' organization status with the State of Nebraska. It has since been reviewed and revised by our attorney, Chad Bowman. Wherever possible, the structure and procedures set forth in our previous edition of the Bylaws have been included; the revised edition is more complete and consistent with Nebraska law. Questions or comments will be addressed prior to vote. A copy is attached for membership review and will be slated for vote at the Feb. 22 meeting.

#### **QUESTIONS & ANSWERS:**

(Send your questions and we will send an answer to your message and publish it in the Orchid Newsletter )

**1) Q.** *Recieved many questions regarding culture, media, watering, and repotting mainly of Phalaenopsis.*

**1a) A. Culture Information:** We have links posted on our web page <http://lincolnorchidsociety.org> to the Culture Sheets from AOS: how to care and rebloom your variety of orchid. Your choice of PDF or HTML formats (to read a PDF file, requires Adobe Acrobat (free software download if you need it) or use HTML link - standard web page instead, information is basically the same.) All of the commonly grown orchid varieties are listed, just select the one for your plant; if you do not have Internet access contact Dwight Languis at the LOS meetings for a copy. You may add the links listed in the Newsletter for future use by adding them to Bookmark or Favorites of your Browser (AOL, Internet Explorer, Netscape, etc.)

**AOS Culture Sheets PDF** <http://www.theaos.org/aos/orchids/orchids.aspx?sec=29>

**AOS Culture Sheets HTML** [http://www.taygeta.com/aos\\_culture.html](http://www.taygeta.com/aos_culture.html) (If page does not print properly, in the PRINT menu select PROPERTIES and select LANDSCAPE, change back to PORTRAIT when done printing.)

The best resource for culture of species orchids is Jay Pfahl web site: Internet Orchid Species Photo Encyclopedia <http://www.orchidspecies.com> The home page explains the icons (symbols)

used for culture: light, temperature; and if the flowers are fragrant and season of bloom. The list is in alphabetical order, match the genus name to the index. The the web pages are extensive - you have to do a lot scrolling or better use to EDIT function of your browser (top of screen on Internet Explorer or Netscape) click FIND, enter the second name; this will find your plant on the web page and its culture needs.

**1b) A. Media and Watering Relationship:** Some people like to water and for others the plant is lucky to get water, the goal is to balance the plants need with your schedule. This can be done to some degree by changing the potting media, depth of pot, or mounting the plant on bark. How often you water is directly determined by temperature, humidity, season, and growing media or if on a mount. Ideally with high humidity the plants would be mounted and moistened several times a day but for most home growers this is not possible or practical. The key is understanding that each type of media will dry out at a different rate. Mounts dry out the fastest, then each of the following at a slower rate: Fir Bark, Orchid Potting Mix, Coconut Chips, Peat based Soiless Mix (aka - Mud Mix), Sphagnum Moss (Chilean or New Zealand Sphagnum = Angel Moss, do not use Canadian). Clay pots dry faster than plastic and shallow pots dry faster than deeper pots; ratio of depth to pot size: Bulb Pans 1:2, Azalea Pots 3:4, Standard and Nursery Pots 1:1. The new clear or translucent pots are very helpful for determining the need to water. By varying the media and type of pot you will be able to water most of plants at the same time. If you forget to water the best solution is to purchase an inexpensive tropical plant that will wilt to remind you to water all of your plants. Orchids with pseudo bulbs will tolerate drying out, while Phalaenopsis and Paphiopedilum prefer to be evenly moist without being wet and let the surface dry only slightly between waterings. When watering always apply a sufficient quantity of water to run out the bottom of the pot.

**1c) A. Repotting:** Newly purchased plants should be repotted as soon as flowers go past and new growth begins, the except being Phalaenopsis which can be repotted even in flower. Do not assume your new plant was repotted recently by the grower. Use a media that works for you. It is fine to try new media on a few plants to monitor results but with too many it will be difficult to remember those special plants. Always note media used and date repotted for future reference. The life of the media depends on the type used, water quality, how often you water and fertilize the plant. Some guidelines are listed in our April 2005 Newsletter. It is time to repot when water passing through the pot is not clear, if the media has a foul smell, visible mineral deposits, and if bark used that it is soft and retains moisture. Plants will perk up within a few weeks after being repotted. Not repotting will lead to many problems: stunted growth, root loss, and bacterial infections that could result in death of the plant. I prefer the Angel Moss for Phalaenopsis in 4 inch Standard pots and 5 inch Azalea pots; when they need to be in 6 inch or larger pots I use Bulb Pans and have been trying coconut chips in Azalea pot topped with moss with good results (for me fir bark dries too quickly).

**2 Q.)** *I have a number of Masdevallia & Dracula but they are not growing well and have not flowered, what could I do?*

**2 A.)** First check the requirements listed in the AOS Culture Sheet or Internet Orchid Species Photo Encyclopedia (see links above, without Internet see your July 2005 Newsletter). Do not place this type of orchid outside in Nebraska during the Summer as our humidity is usually too low and temperatures too hot. The easiest method to grow these is in a Terrarium as these maintains the high humidity they prefer. You can use a goldfish bowl, glass jar, new or used aquarium (the disposable clear containers for cakes also work well too) depending on the size and number of plants. Place the pots inside the container on small bricks, pieces of Styrofoam, overturned small pots, or any item that will not wick up moisture. Place a layer of Long Fibered Canadian Sphagnum Moss or New Zealand Sphagnum Moss (Angel Moss) on the bottom of container but below bottom of pots. Moss is available at Garden Centers. Keep the moss wet. You will need to adjust the cover for proper ventilation and make sure heat is not trapped inside. Place your terrarium in low filtered light, shadows will faint and fuzzy. A florescent lamp placed over terrarium would be the preferred method of lighting. The Draculas are Cool growers where as many of the masdevallias may be Cool or Intermediate growers. When purchasing Pheurothallids enquire if they are warm tolerate as these will be easier to grow in the home. The Greater Omaha Orchid Society is having a program Masdevallia & Dracula orchids, Feb. 8 at 7:30 PM. An excellent book on this type of orchid is Masdevallia Culture Guide by William Rhodhamel.

3) Q. *What is the difference between a hybrid and specie orchids plus culture?*

3) A. A specie is the native plant that through natural selection ideally suited for its environment. A hybrid is the offspring from two or more different varieties within the same genera. The specie plant tends to more exacting in their culture requirements of mimicking their natural environment, though some like Phalaenopsis and Paphiopedilum specie are just as easy grow and flower as a hybrid. Hybrids tend to more forgiving in their culture requirements, plus offer larger and longer lasting flowers with new colors or qualities not found in the specie of the same type of orchid.

4) Q. *In your sales announcement, you referred to Paphiopedilum as coloratum, alba, and vini-colored types; what is that?*

4) A. This refers to the flower color. The coloratum is the color which is typical for a specie orchid; depending on the specie the colors will be a blend of patterns and colors: whites, green, pink, or mahogany. Through selective breeding, usually selfing, the recessive genetic flower colors are obtained: alba = white and green to vini-color = dark mahogany to almost black. Currently Paphiopedilum can not be cloned and all are grown from seed so every plant will be unique. If you see one you like the only way to get a copy is a division from the original plant. Klehm Orchids specializes in selling divisions of awarded plants.

### QUESTIONS & ANSWERS, ARCHIVE:

Posted on our web page <http://lincolnorchidsociety.org> as a PDF file or attached to Postal Edition of Newsletter.

### ARTICLES OF INTEREST:

#### Monthly Calendar of Requirements for Orchids: February

#### Monthly Checklist, January -

The AOS thanks Ned Nash and James Rose for this essay ...

#### Cattleya

Watering and fertilizing will be at a minimum, as will potting. Be on the lookout for senescing sheaths on your winter-into-spring bloomers. Careful removal of the dying sheaths will still allow buds to develop without the danger of condensation-induced rot. Low light will lead to weak spikes, so, and as noted above, staking is critical. If you have a chance to get out to nurseries, there may still be a chance to acquire good plants in sheath for spring bloom. Getting them now not only ensures that you'll have them, but allows them to acclimate to your conditions and bloom at their best.

#### Cymbidium

We are well into the flowering season now. Outdoor growers should be cautious of freezing temperatures. Damage starts to occur below 30 F. Be diligent about tying the inflorescences for best arrangement of the flowers. Also watch closely for slugs and snails. If weather is quite wet, protect the plants from the rain and this will help to reduce the risk of botrytis spotting.

#### Lycaste

The most glorious of all orchids, Lycaste, will be moving toward their flowering season. Make sure the palm-like leaves do not interfere with the emerging inflorescences. Tying them loosely together often is helpful. Some growers cut the leaves off at the pseudobulb, but this removes part of the attractiveness of this elegant orchid. Resist picking up the plant to inspect those beautiful buds and then setting it down in all different directions as the flower buds will be forced to re-orient themselves to the light source each time and will not open as nicely as they should. Keep plants a little drier during the shorter days.

#### Odontoglossums

Odontoglossums and their intergeneric hybrids offer a great splash of color now. Though once thought of as being difficult to grow and requiring cool temperatures due to the emphasis on odontoglossum breeding, the new intergeneric hybrids made using Oncidium and Brassia, for example, are just the opposite. These plants are quite content in more intermediate conditions. New growths generally emerge in the spring, later forming beautiful plump pseudobulbs. Look for the flower spikes to emerge from the inner sheath of the pseudobulb. If your plant's pseudobulbs are shriveled, then the plants have been kept too dry or too wet. Inspect the roots to determine which condition prevailed. If the lead pseudobulb is large, plump and green (and back bulbs are shriveled) but no flower spike is evident, the plants may have been kept too dry.

### Paphiopedilum

The standard Paphiopedilum insigne-derived hybrids, which are called "bull dogs" and "toads," are at their peak. Unlike most other orchids, they can even be potted while in bud. There really is no wrong time to pot a paphiopedilum, and no other orchid responds so favorably to fresh mix and a cleanup. Keep an eye on watering until roots begin to grow.

### Phalaenopsis

Now is the peak of spike development, with the first plants in full flower. Staking and plant preparation is a must for those all-important spring shows. Correct staking now will give a better display and also make it much easier to transport to your society meetings and shows. Care with watering is vital to avoid mechanical damage to the flowers, as well as rot-related problems. Keep spent blooms cleaned up to avoid botrytis inoculation. Do not repot this month. Now you'll be seeing lots of phalaenopsis at orchid shows and sales.

### Zygopetalum

For the most part, the flowering season will have ended for this group, providing the grower a chance to do some repotting. The plants will then have a chance to become well established before the hotter months of summer arrive. Most growers use bark mixes, but some exceptional results have been seen lately using rock-wool blends. You may want to try this mix, but do not change your whole collection over to this new media until you are sure it is right for you. First, experiment with a few plants to see how they respond.

<http://aos.org/aos/orchids/page21.aspx>

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**Monthly Requirements for Orchids:** <http://aos.org/aos/orchids/page20.aspx>

(The web page has been revised for ease of use and printing.)

### **Orchids - Articles, Monthly Magazine of the American Orchid Society AOS:**

(Contact Rich to check out a copy from the LOS Library)

**August Issue:** Cattleya intermedia, Orchids in Art - Zygopetalum Jumpin Jack, Kohji Karasawa, Odontoglossum Hybrids, Orchids in Taiwan, Trichoglottis seidenfadenii, Growing with Orchids, Mineral Deficiency in Orchids, Dimorphocgis lowii, and Brassia Bounty.

**September Issue:** Looking for Large Flowered Cattleyas, Orchids in Art - Renanthera imschootiana, Ciliate Dichaeas, Orchids in Miniature, Trichoglottis rosea, Labor of Love, Carria castro, Growing with Orchids, Vanda Views

**October Issue:** Orchid Reserve in Ecuador, Orchids in Art - Phragmipedium Court Jester, Masdevallia floribunda, Montreal Botanical Gardens, Orchid Watering Decisions, Vintage Orchid Books, Kegeliella kupperi, Pretty Phalaenopsis, A Gift of Reichenbachias, Your AOS - About Our Publications, Native Ecuadorian Orchids.

**November Issue:** Preventing Problems in Winter, Orchids in Art - Restrepia kunuth, Orchids of Madagascar, In Focus: Sophrolaeliocattleyas, Rainforest Window, Show - Theme & Variation, Oncidium, Conservation, Morphing Specialist.

**December Issue:** The Great Cattleya Species of the Cut Flower Era, Insulating Your Greenhouse, Orchids in Art - Cyrtochilum, Phragmipedium, Weathering Wilma, AOS Funds & Grants, Pollination in Lepanthes, Having the Blues, Calanthe cecilie, Holiday Arrangements, Slide Programs.

January Issue: Slipper Orchid Alliance, Orchids in Costa Rica, AOS Memberhip Campaign, Bamboo Shade House, Orchids in Art - Cymbidium sinense, Microthelys rubrocallosa, Orchid Scents, Managing Your Collection, Orchid Cards.

### **FREE ORCHID, AOS Membership Campaign:**

With your new subscription to **Orchids** magazine as referral from Lincoln Orchid Society or any other AOS member, you and your referral will each receive one **FREE** orchid in a 4 inch pot; a blooming size or near blooming size plant. LOS will be using the plants we receive for raffles. Everyone wins you get one we get one! Plus you get additional AOS benefits.

### **First Time Member Benefits:**

12 issues of **Orchids** - An 80 page, award winning magazine filled with informative articles, color photographs, and sources for orchid plants and related products.

One copy of ***Your First Orchid***, a great introduction to the care and selection of orchids (**\$7.95 value**)

One copy of the AOS Orchid Source Directory listings of Affiliated Societies, sources for plants and supplies, special awards, judging information and much more (**\$29 value**)

One free catalog from the ***Orchid Emporium*** featuring orchid books, videos, clothing, jewelry, decorative containers, glassware and gifts

10 percent discount on items purchased through the ***Orchid Emporium***

Reduced subscription rates for ***Awards Quarterly***

Free admission to the American Orchid Society Visitors Center and Botanical Garden in Delray Beach, Florida

Discounts on classes at the AOS Visitors Center and Botanical Garden

Discounts at select botanical gardens and arboreta in the United States

**On-line Special:** receive an Extra FREE issue for each subscription year, 13 issues vs. 12 or 26 issues vs. 24

(Be sure to complete the referral section to get your FREE Plant and LOS credit.)

**Subscription:** Annual membership of \$60.00, two years \$108.00, includes to monthly issue of ***Orchids*** magazine plus additional benefits. American Orchid Society; 16700 AOS Lane; Delray Beach, FL 33446-4351; (561)404-2000

**Form on our web page** <http://lincolnorchidsociety.org> as a PDF file or attached to Postal Edition of Newsletter.

**Subscription, 2 Year New or Renewal:** receive a coupon for **\$30.00 discount** on a retail purchase of \$100.00 or more to one of the following vendors: Carmela Orchids, Carter & Holmes Orchids, Gold Country Orchids, Hoosier Orchid Co., IGS, Krull-Smith Orchids, OFE, Piping Rock Orchids, Quest Orchids, R.F. Orchids, Soroa Orchids, and Stewart Orchids.

**Mid-America Orchid Congress** - Newsletter is posted at <http://midamericanorchids.org>

**Greater Omaha Orchid Society GOOS:** Mailing address: GOOS; P.O. Box 241871; Omaha, NE 68124

Meets the second Wednesday of each month at Douglas/ Sarpy County Extension Office; 8015 West Center Rd.; Omaha. Beginners' Group meets at 7:00 PM, Monthly Meetings start at 7:30 PM. Membership: \$15 Single, \$20 Family. <http://omaha-orchid-society.org>

**Programs:**

**January 11** - "Warm & Intermediate Growing Onciinae" from Orchid Digest Corp.

**February 8** - "Masdevallia & Dracula"

**AREA EVENTS, ORCHID RELATED:** <http://www.aos.org/aos/events/shows.aspx> (Complete List)

**Jan. 28-29** Orchid Society of Minnesota Show, Marjorie McNeely Conservatory, 1325 Aida Pl., St. Paul, MN. Contact: Michael Dyda, 2095 Silver Bell Rd. #1, Eagan, MN 55122; (651) 688-7727

**Feb. 4-5** Orchid Growers Guild Orchid Quest 2006, Alliant Energy Center, 1919 Alliant Energy Center Way, Madison, WI. Contact: Elaine Malter, 3914 Cherokee Dr., Madison, WI 53711; (608) 238-5871; [egadzicki@charter.net](mailto:egadzicki@charter.net)

**Feb. 9-12** Omaha Home & Garden Expo/Lawn, Flower & Patio Show; Qwest Convention Center; 455 N. 10th St.; Omaha, Admission: \$6.00, Parking \$6.00; Th. 5-10 PM, Fri. 11 AM - 10 PM, Sa. 11 AM - 9 PM, Su. 11 AM - 5 PM;

402- 346-8003 **GOOS will have plants & bark for sale.** <http://www.qwestcenteromaha.com/>  
<http://www.showofficeonline.com/OHGE.htm>

**Feb. 11-12** Prairie State Orchid Society Show and Sale, Washington Park Botanic Garden, West Fayette and Chatham Road, Springfield, IL. Contact: Dewey Houser, [dhouser1@aol.com](mailto:dhouser1@aol.com)

**Feb. 18, 1-3 PM** GOOS Orchid Presentation at Mulhall's, 3615 N. 120 St. (120th & Maple) (402)496-0700; <http://www.mulhalls.com> or e-mail [info@mulhalls.com](mailto:info@mulhalls.com) for more information.

**Feb. 18, 1 PM** "Questions and Answers"; Finke Gardens & Nursery 500 N. 66, Lincoln NE 466-1995

**Feb. 18-19** Batavia Orchid Society Show, Charlestowne Mall, St. Charles, IL. Contact: Mary Weiss, 228 Woodward Ave., Geneva, IL 60134; (630) 232-0597

**Feb. 18-19** Missouri Orchid Society Spring Show and Sale, Missouri Botanical Garden, 4344 Shaw Blvd., St. Louis, MO. Contact: Charles Dana, 3900 Flora Pl., St. Louis, MO 63110; (314) 773-3042; [maryedana@aol.com](mailto:maryedana@aol.com)

**Mar. 10-12** Greater North Texas Orchid Society Show, Texas A & M Agricultural Research and Extension Center, 17360 Coit Rd., Dallas, TX. Contact: Bobby Dillard, 619 W. Hammond, Lancaster, TX 75146; (972) 227-6923.

**Mar. 11-13** Denver Orchid Society Show, Denver Botanic Gardens, 909 York St., Denver, CO. Contact: Keith Funk, 10081 W. 9th Dr., Lakewood, CO 80215; (303) 234-9290; [keithfunk@attbi.com](mailto:keithfunk@attbi.com) <http://www.denverorchidsociety.org/>

**Mar. 17-19** Husker Lawn and Leisure, Lancaster Event Ctr., 4100 N. 84, Lincoln; ( **See article above.** ) <http://www.lancastereventcenter.com/> <http://www.huskerlawnsow.com>

**Mar. 18-19** Iowa Orchid Society, 31st Spring Show, Putnam Museum & Imax Theatre Lobby, 1717 W 12th St., Davenport, IA. Contact: Karen Pedersen, 2520 E. Hayes St., Davenport, IA 52803; (563) 441-0824.

**Mar. 18, Noon** Orchid Seminar by Tim Janssen with LOS; Central Community College; 4500 63rd St.; Columbus, NE

**Mar. 24-26** Alamo Orchid Society Show, San Antonio Garden Center, 3310 North New Braunfels, San Antonio, TX. Contact: Tom Davis, 570 Blaze, San Antonio, TX 78218; (210) 650-9720; [ted1016@aol.com](mailto:ted1016@aol.com)

**Mar. 24-26:** 19th Annual Spring Orchid Show, Greater Omaha Orchid Society, and Mid-America Orchid Congress MAOC Show (New date and location). Marriot Hotel Regency Court; 10220 Regency Circle; Omaha, NE. Contact: Roberta Ginavan 712-487-3085 [ginavan@gte.net](mailto:ginavan@gte.net) <http://omaha-orchid-society.org> ( **See article above.** )

**April 4-9** AOS Spring Members Meeting at the Walt Disney World Hilton hosted by the Central Florida Orchid Society, event will feature a dozen internationally known speakers, as well as an orchid show and sale including 30 vendors hailing from Venezuela, Brazil, Japan, Europe, the United States and elsewhere. When making room reservations at the Walt Disney World Hilton, mention booking code "CNO." Please note, too, that the special room rate for these meetings is good for only April 5-9, the dates of the convention. If you plan to go a few days early, you will be charged the normal room rate. Central Florida Orchid Society; Walt Disney World Hilton; 1751 Hotel Plaza Blvd.; Lake Buena Vista, FL 32830; 407-827-4000. Contact: Frank Smith; 2800 W. Ponkan Road; Apopka, FL 32712; 407-886-4968 [orchidfrank@aol.com](mailto:orchidfrank@aol.com) ; <http://www.aosorchidmagic.com>

**May 5-6** Houston Orchid Society Flower and Plant Extravaganza, George R. Brown Convention Center, Avenida de las Americas, Houston, TX. Contact: Don Ghiz, 3217 Amherst St., Houston, TX 77005; 713-661-1885; [doninhoustontx@aol.com](mailto:doninhoustontx@aol.com)

**July 29** Greenhouse Tour at residence of Greg Arp with LOS

**Sept. 15-17** Galveston Orchid Society Show, Nessler Center, 2010 5th Avenue North, Texas City, TX. Contact: Sheila Skov, 15727 Brook Forest Dr., Houston, TX 77059; (281) 286-1471; [orchidsandtropicals@msn.com](mailto:orchidsandtropicals@msn.com)

**Oct. 20-22** Heart O'Texas Orchid Society Show, Austin's Texas Star Events Ctr., 11810 Manchaca, Austin, TX. Contact: Geoffrey L. Frost, 1011 Strickland Dr., Austin, TX 78748-4847

**May 2-6, 2007** Fort Worth and Greater North Texas Orchid Societies Show and AOS Members Meeting, Arlington Convention Center, 1200 Ballpark Way, Arlington, TX. Contact: Ronnie&Jerry Brandenburg, 11045 Swaffar Dr., Dallas, TX 75228; (972) 279-4075; [roneidab@aol.com](mailto:roneidab@aol.com)

**Feb. 27- Mar. 2, 2008** 19th World Orchid Conference hosted by the South Florida Orchid Society (SFOS) and the Ft. Lauderdale Orchid Society (FLOS) at the Miami Beach Convention Center, Miami Beach, Florida. Having hosted the 11th WOC in 1984 in Miami, the local societies are looking forward to bringing this event back to South Florida for a spectacular and successful conference. Held once every three years in a different international location, the World Orchid Conference is the largest and most prestigious gathering of orchid enthusiasts, growers, hybridizers and scientists. In addition to educational and scientific seminars, the conference also features a spectacular orchid show with displays from orchid growers around the world. The first WOC was held in October 1954 in St. Louis, Missouri. Since then, WOCs have been held in

Honolulu, London, Singapore, Long Beach, Sydney, Medellin, Frankfurt, Bangkok, Durban, Miami, Tokyo, Auckland, Glasgow, Rio de Janeiro, Vancouver, Shah Alam and Dijon. Contact: Robert F. Fuchs, Cochair; 28100 Southwest 182nd Ave.; Homestead, Florida 33030; [WOC19@aol.com](mailto:WOC19@aol.com) or Col. Kenneth M. Kone, Cochair  
5571 Northeast 26th Ave.; Ft. Lauderdale, Florida 33308; [kenkone@earthlink.net](mailto:kenkone@earthlink.net) ; Web site:  
<http://www.19woc.com>

**AREA EVENTS:** Additional Lists <http://www.visitnebraska.org>

[http://www.kfor1240.com/lincoln\\_events/](http://www.kfor1240.com/lincoln_events/)

<http://www.kolnkgin.com/community> <http://www.lincolnkidsinc.com/>

**Jan. 13 - Apr. 30 and May 10-14** Spring Indoor Flower Show; Lauritzen Gardens, Omaha Botanical Center, 100 Bancroft St., Omaha NE 68108, 402-346-4002; Spring flowering bulbs, trees, and shrubs; <http://www.omahabotanicalgardens.org/>

**Feb. 9-12** Home and Garden Show Lincoln, Lancaster Event Ctr., 4100 N. 84, Lincoln; Th. & Fri. 5-9 PM, Sat. 10 AM-8 PM, Sun. 10 AM-5 PM, Admission: Adults \$5.00 (\$4.00 with a donation to the Food Bank) Kids 12 Years and younger FREE <http://www.lancastereventcenter.com/>  
<http://www.hbal.org>

### **HORTICULTURAL SOCIETIES:**

**Flower Arrangers Club** - Anderson Library, 3635 Toulzalin Ave., 1st Tuesday at 1:00 PM, 488-3081

**Friends of Maxwell Arboretum** - 484-8032

**Friends of Wilderness Park** - 477-8282

**Hemerocallis (Daylily) Society** - 796-2191

**Lincoln African Violet Society** - Christ United Methodist Church, 46th & A St.; 2nd Tuesday at 7:15 PM, 770-2925

**Lincoln Garden Club** - Culler Middle School Cafeteria, 52nd and Vine St.; 2nd Monday at 7:00 PM; Dues: Individual \$8, Family \$10

**Lincoln Gladiola Society** - 489-5264

**Lincoln Iris Society** - Antelope Park Church of the Brethren, 3645 Sumner St.; Last Monday at 6:30 PM; Dues: Individual \$6, \$4 for each additional; 423-7172

**Lincoln Rose Society** - Antelope Park Shelter House, North of Auld Recreation Center; 3rd Monday of February, March, May, September, and October at 7:00 PM, 488-0174

**Nebraska Herbal Society** - 5901 'O' St., Lincoln; East door, room E11; 4th Saturday at 10:00 AM, 476-1635

**Nebraska Nutgrowers Association** - 472-3674

**Nebraska Statewide Arboretum** - 472-2971

**River City Cactus and Succulent Society** - Papillion Public Library; 320 N Washington St.; Papillion, NE 68046; 402- 597-1584 or [cactus@river-city-cactus.org](mailto:cactus@river-city-cactus.org) Meets at 1:30 PM on the first Sunday of each month. Dues: Individual \$15, Family \$20; <http://www.river-city-cactus.org>

**UNL Garden Friends**; P.O. Box 81501; Lincoln, NE 68501; 472-2679 meets annually, next 2006  
<http://bga.unl.edu/Friends/GFindex.cfm>

## **BYLAWS OF LINCOLN ORCHID SOCIETY**

### **ARTICLE I MEMBERS**

**Section 1. Membership.** On payment of required dues, and an active interest in the objectives of our Society, any person may become a member.

**Section 2. Fees.** The fee for annual dues for a single member or family membership shall be determined by the Board of Directors. A family membership shall include all members of a residence; only two (2) voting members per family membership.

**Section 3. Annual Dues.** Annual dues shall be paid to the treasurer on September 1 of each year, and are delinquent after the October meeting.

**Section 4. Honary Member.** The title "Honorary Member" may be conferred upon a person by a 2/3 vote of the voting members present at a meeting. The title shall carry with it none of the obligations of membership, but shall entitle the holder to all of the privileges of the Society.

**Section 5. Annual Meeting.** The annual meeting of the members shall be held on the last Wednesday in September for the purpose of electing directors and for the transaction of such other business as may come before the meeting. If the day fixed for the annual meeting shall be a legal holiday in the State of Nebraska, such meeting shall be held on the next succeeding business day. Annual meetings shall be held in the principal office of the corporation or at such other place, either within or without the State of Nebraska, as shall be determined by the Board of Directors. The time of such annual meeting shall be determined by the Board of Directors and stated in the notice.

**Section 6. Regular Meeting.** The regular meeting of the members shall be held on a monthly basis at such time and place as determined by the Board of Directors.

**Section 7. Special Meetings.** Special meetings of the members may be called by the President, the Board of Directors, or the holders of at least five percent of the voting power of the corporation. Special meetings shall be held at such place, either within or without the State of Nebraska, and at such date and time as shall be stated in the notice.

**Section 8. Notice of Meeting.** Written or printed or e-mailed notice stating the place, day and hour of the meeting and, in the case of a special meeting, the purpose or purposes for which the meeting is called, shall be delivered not less than ten (10) nor more than sixty (60) days before the date of the meeting, either personally or by mail, by or at the direction of the President, the Secretary, or the officer or persons calling the meeting, to each member of record. If mailed, such notice shall be deemed delivered when deposited in the United States mail addressed to the member at the address appearing on the member list of the Corporation, postage prepaid. If e-mailed, such notice shall be deemed delivered when sent to the member at the e-mail address appearing on the member list.

**Section 9. Fixing of Record Date.** For the purpose of determining members entitled to notice of or to vote at any meeting

of members or any adjournment thereof, or in order to make a determination of members for any other proper purpose, the Board of Directors may fix in advance a date as the record date for any such determination of members, such date in any case to be not more than seventy (70) days and, in the case of a meeting of members, not less than ten (10) days prior to the date on which the particular action, requiring such determination of members, is to be taken. When a determination of members entitled to vote at any meeting of members has been made as provided in this section, such determination shall apply to any adjournment thereof.

**Section 10. Voting Lists.** The Secretary shall make, at least two (2) business days after notice is given of the meeting of members, a complete record of the members entitled to vote at such meeting, or any adjournment thereof, arranged in alphabetical order with the address of each member and the number of votes each member is entitled to vote. For a period of ten (10) days prior to such meeting, the list shall be kept on file at the registered office of the corporation and shall be subject to inspection by any member at any time during usual business hours. Such record, or a duplicate thereof, shall also be produced and kept open at the time and place of the meeting and shall be subject to the inspection of any member during the whole time of the meeting.

**Section 11. Quorum.** Ten (10) members, represented in person or by proxy, shall constitute a quorum at a meeting of members. The holders (or their representatives) of a majority of the votes entitled to be cast at the meeting, even though less than a majority of the votes entitled to be cast at the meeting, may adjourn the meeting from time to time without notice other than an announcement at the meeting, until such time as a quorum is present. At any such adjourned meeting at which a quorum is present, any business may be transacted which might have been transacted at the original meeting. If a quorum is present, the affirmative vote of a majority of the votes represented and entitled to be cast at the meeting on the subject matter shall be the act of the members, unless the vote of a greater number is required by law.

**Section 12. Proxies.** At all meetings of the members, a member may vote either in person or by proxy executed in writing by a member or his or her duly authorized attorney-in-fact. No proxy shall be valid after eleven (11) months from the date of its execution, unless otherwise provided in the proxy.

**Section 13. Proxies.** Each member entitled to vote shall be entitled to one vote on each matter voted on by the members at a meeting of members.

**Section 14. Informal Action by Members.** Any action required to be taken at a meeting of the members, or any action which may be taken at a meeting of the members, may be taken without a meeting if in writing, set forth the proposed action to be taken, shall be signed by members holding at least eighty percent (80%) of the voting power. Such consent shall have the same force and effect as a unanimous vote of members and may be stated as such in any articles or document filed with the Secretary of State under applicable state law.

## **ARTICLE II DIRECTORS**

**Section 1. Number and Qualification.** The business and affairs of the corporation shall be managed by a Board of Directors consisting of eight (8) directors. The directors shall consist of the President, Vice-President, Secretary, and Treasurer of the corporation, plus a past-president and three additional members of the corporation. The directors need not be residents of the State of Nebraska. Although the number and qualifications of the directors may be changed from time to time by amendment to these Bylaws, no change shall affect the incumbent directors during the terms for which they were elected.

**Section 2. Nomination.** At the regular meeting in July, a nominating committee of three members shall be elected. It shall be the duty of this committee to nominate one or more candidates. Additional nominations may be made from the floor, provided the consent of the nominees shall first have been obtained. At the regular meeting in August, the nomination committee shall present the names of candidates for the Board of Directors.

**Section 3. Election and Tenure.** At the annual meeting, the members shall elect directors who shall hold office for a two (2) year term unless their service is earlier terminated because of death, resignation or removal. Board members who are not officers shall be elected in even numbered years. When there is only one candidate, election may be made via voice.

**Section 4. Vacancies.** Any directorship to be filled by reason of an increase in the number of directors shall be filled by election at an annual meeting or a special meeting of members called expressly for that purpose. Vacancies caused by any other cause may be filled by the affirmative vote of a majority of the remaining directors, though less than a quorum of the Board of Directors. A director elected to fill a vacancy shall be elected for the unexpired term of his predecessor in office.

**Section 5. Removal.** At a meeting of the members called expressly for that purpose, directors may be removed in the manner hereinafter provided. Any director, or the entire Board of Directors, may be removed, with or without cause, by a vote of the holders of a majority of the votes then entitled to be cast at an election of directors.

**Section 6. Quorum.** A majority of the number of active directors shall constitute a quorum for the transaction of any business at any meeting of the Board of Directors. The act of a majority of the directors present at a meeting at which a quorum is present shall be the act of the Board of Directors. If less than a quorum is present at any meeting, the majority of those present may adjourn the meeting from time to time, without notice other than announcement at the meeting, until a quorum is present.

**Section 7. Annual Meeting.** The annual meeting of the Board of Directors shall be held without notice other than this Bylaw immediately following adjournment of the annual meeting of members and shall be held at the same place as the annual meeting of members unless some other place is agreed upon by vote of a majority of the elected Board of Directors.

**Section 8. Special Meetings.** Special meetings of the Board of Directors may be called by the President or twenty percent (20%) of the directors then in office, and shall be held at the principal

office of the corporation or at such other place, either within or without the State of Nebraska, and at such date and time, as the notice may state.

**Section 9. Notice.** Notice of the date, time and place of special meetings shall be mailed to each director at his or her

last known address at least two (2) days prior to the date of holding these meetings. Any director may waive notice of any

meeting. The attendance of a director at a meeting shall constitute a waiver of notice of such meeting, except where a director attends a meeting for the express purpose of objecting to the transaction of any business because the meeting is not lawfully called or convened. Neither the business to be transacted at, nor the purpose of, any regular or special meeting of the Board of Directors need be specified in the notice or waiver of notice of such meeting.

**Section 10. Action Without a Meeting.** Any action required to be taken at a meeting of the Board of Directors, or of any

committee, may be taken without a meeting, if a consent in writing, setting forth the action so taken, shall be signed by all of the directors, or all of the members of the committee, as the case may be. Such consent shall have the same effect as a unanimous vote. The consent may be executed by the directors in counterparts.

**Section 11. Voting.** At all meetings of the Board of Directors, each director shall have one vote.

**Section 12. Presumption of Assent.** A director of the corporation who is present at a meeting of the Board of Directors

at which action on any corporate matter is taken shall be presumed to have assented to the action taken unless his or her dissent shall be entered in the minutes of the meeting or unless he or she shall file his written dissent to such action with the person acting as the Secretary of the meeting before the adjournment thereof or shall forward such dissent by registered mail to the Secretary of the corporation immediately after the adjournment of the meeting. Such right to dissent shall not apply to a director who voted in favor of such action.

**Section 13. Compensation.** By resolution of the Board of Directors, the directors may be paid their expenses, if any, of

attendance at each meeting of the Board of Directors, and may be paid a fixed sum for attendance at each meeting of the Board of Directors or a stated salary as director. No such payment shall preclude any director from serving the corporation in any other capacity and receiving compensation therefor.

**Section 14. Committees.** The Board of Directors may, by resolution or resolutions passed by a majority of the whole Board,

appoint an executive committee and one or more other committees, each committee to consist of two or more directors of the corporation, which committees shall, to the extent permitted by law, have and may exercise such powers of the Board of Directors in the management of the business and affairs of the corporation as shall be delegated to them.

**Section 15. Telephonic Meetings.** Members of the Board of Directors or any committee appointed by the Board of Directors may participate in a meeting of such Board or committee by means of a conference telephone or similar communications equipment by which all persons participating in the meeting can hear each other at the same time. Participation by such means shall constitute presence in person at a meeting.

### **ARTICLE III** **OFFICERS**

**Section 1. Number and Qualification.** The officers of the corporation shall be a President, one or more Vice Presidents (as the Board of Directors shall determine), a Secretary and a Treasurer and such other officers and agents as may be deemed necessary by the Board of Directors. The President, Vice President and Treasurer shall not be related or share a common residence. All officers of the corporation shall also serve as Directors of the Corporation.

**Section 2. Nomination.** At the regular meeting in July, a nominating committee of three members shall be elected. It shall

be the duty of this committee to nominate one or more candidates for each office to be filled. Additional nominations may be made from the floor, provided the consent of the nominees shall

first have been obtained. At the regular meeting in August, the nomination committee shall present the names of candidates for each office.

**Section 3. Election and Tenure.** At the annual meeting in September, the members shall elect directors from the nominees who shall hold office for a two (2) year term unless their service is earlier terminated because of death, resignation or removal. When there is only one candidate for each office, election may be made via voice. Officers of the corporation shall be elected in odd numbered years and shall not serve for more than two successive years in the same office.

**Section 4. Removal.** Any officer or agent of the corporation, elected or appointed by the Board of Directors, may be removed by the Board of Directors whenever in its judgment the best interests of the corporation will be served thereby, but such removal shall be without prejudice to the contract rights, if any, of the person so removed. Election or appointment of an officer or agent shall not of itself create contract rights.

**Section 5. Vacancies.** Vacancies occurring in any office by reason of death, resignation or otherwise may be filled by the Board of Directors at any meeting.

**Section 6. Duties and Authority of Officers.**

**a. President.** The President shall be the principal executive officer of the corporation and, subject to the control of the Board of Directors, shall in general supervise and control all of the business and affairs of the corporation. The President shall, when present, preside at all meetings of the members and of the Board of Directors. The President may sign, with the Secretary or any other proper officer of the corporation thereunto authorized by the Board of Directors, deeds, mortgages, bonds, contracts or other instruments which the Board of Directors has authorized to be executed, except in cases where the signing and execution thereof shall be expressly delegated by the Board of Directors or by these Bylaws to some other officer or agent of the corporation or shall be required by law to be otherwise signed or executed; and in general, shall perform all duties incident to the office of President and such other duties as may be prescribed by the Board of Directors from time to time. In addition, the President shall (a) appoint chairpersons of standing committees, (b) be ex-officio member of all committees, except the nominating committee, (c) countersign all orders drawn by the Treasurer, (d) give a report of the years activities at the annual meeting, (e) appoint any committee deemed necessary during the year and (f) upon retirement from the office, he/she shall serve as a member of the Board of Directors for a two year term immediately succeeding his/her term of office.

**b. Vice President.** In the absence of the President or in the event of his or her death, inability or refusal to act, the Vice President (or in the event there shall be more than one Vice President, the Vice Presidents in the order designated at the time of their election, or the absence of any such designation then in the order of their election) shall perform the duties of the President, and when so acting, shall have all the powers of and be subject to all the restrictions upon the President. Any Vice President may sign and shall perform such other duties as from time to time may be assigned by the President or by the Board of Directors.

**c. Secretary.** The Secretary shall attend and keep minutes of the meetings of the members and of the Board of Directors in one or more books provided for that purpose, see that all notices are duly given in accordance with the provisions of these Bylaws or as required by law, be the custodian of the corporate records, keep a register of the post office address of each member which shall be furnished to the Secretary by such member, have general charge of the corporate minute books of the corporation, and in general perform all duties incident to the office of Secretary and such other duties as from time to time may be assigned by the President or by the Board of Directors.

**d. Treasurer.** The Treasurer shall have charge and custody and be responsible for all funds and securities of the corporation, receive and give receipts for all securities and monies due and payable to the corporation from any source whatsoever, deposit all such monies in the name of the corporation in such banks, trust companies, or in other depositories as shall be collected in accordance with the provisions of these Bylaws, and in general perform all of the duties incident to

the office of Treasurer and such other duties as from time to time may be assigned by the President or by the Board of Directors. If required by the Board of Directors, the Treasurer shall give bond for the faithful discharge of his or her duties in such sum and with such surety or sureties as the Board of Directors shall determine.

**e. Assistant Secretary and Assistant Treasurer.** The Assistant Secretary shall, in the absence of the Secretary or in the event of his or her death, inability or refusal to act, perform the duties of Secretary and when so acting shall have all the powers of and be subject to all the restrictions upon the Secretary. The Assistant Treasurer shall, in the absence of the Treasurer or in the event of his or her death, inability or refusal to act, perform the duties of Treasurer and when so acting, shall have all the powers of and be subject to all the restrictions upon the Treasurer. The Assistant Treasurer shall, if required by the Board of Directors, give bonds for the faithful discharge of his or her duties in such sums and with such sureties as the Board of Directors shall determine. The Assistant Secretary and Assistant Treasurer, in general, shall perform such duties as shall be assigned to them by the Secretary or Treasurer, respectively, or by the President or the Board of Directors.

#### **ARTICLE IV** **BANK ACCOUNT**

The funds of the corporation shall be deposited in such banks, trust funds or depositories as the Board of Directors may designate and shall be withdrawn upon the signature of the President and/or upon the signatures of such other person or persons as the directors may by resolution authorize.

#### **ARTICLE V** **AMENDMENTS**

Except as otherwise provided by law or by specific provisions of these Bylaws, the Bylaws may be amended or repealed by a twothirds (2/3) vote of the Board of Directors or the members at any annual, regular or special meeting of the Board of Directors or of the members.

#### **ARTICLE VI** **WAIVER OF NOTICE**

Whenever any notice is required to be given to any member or director of the corporation under the provisions of the Articles of Incorporation, these Bylaws or the Nebraska Business Corporation Act, a waiver thereof in writing, signed by the person or persons entitled to such notice, whether before or after the time stated therein, shall be equivalent to the giving of such notice.

#### **ARTICLE VII** **INDEMNIFICATION OF DIRECTORS, OFFICERS EMPLOYEES AND AGENTS**

To the extent permitted by law, the corporation shall indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative, other than an action by or in the right of the corporation, by reason of the fact that he or she is or was a director, officer, employee or agent of the corporation against expenses, including attorney fees, judgments, fines and amounts paid in settlement actually and reasonably incurred by him or her in connection with such action, suit or proceeding if he acted in good faith and in a manner he reasonably believed to be in or not opposed to the best interests of the corporation, and, with respect to any criminal action or proceeding, had no reasonable cause to believe his or her conduct was unlawful.

To the extent permitted by law, the corporation shall indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action or suit by or in the right of the corporation to procure a judgment in its favor by reason of the fact that he or she is or was a director, officer, employee or agent of the corporation, or is or was serving at the request of the corporation as a director, officer, employee or agent of another corporation, partnership, joint venture or other enterprise or as a trustee, officer, employee or agent of an employee benefit plan, against expenses, including attorney fees, actually and reasonably incurred by him or her in connection with the defense or settlement of such action or suit if he or she acted in good faith and in a manner he or she reasonably believed to be in or not opposed to the best interests of the corporation. To the extent permitted by law, the corporation shall have the power to purchase and maintain insurance on behalf of any person who is or was a director, officer, employee or agent of the corporation against any liability asserted against him or her and incurred in such capacity or arising out of his or her status as such, whether or not the corporation would have the power to indemnify him or her against such liability.

The indemnity provided for by this Article VII shall not be deemed to be exclusive of any other rights to which those indemnified may be otherwise entitled, nor shall the provisions of this Article VII be deemed to prohibit the corporation from extending its indemnification to cover other persons or activities to the extent permitted bylaw or pursuant to any provision in the Bylaws. [Neb. Rev. Stat. §§ 21-1997,21-1998 & 21-19,102, 21-19,103]

**ARTICLE VIII**  
**PROHIBITION AGAINST SHARING IN CORPORATE EARNINGS**

No Director, officer, or employee of or member of a committee of or person connected with the corporation, or any other private individual shall receive any of the net earnings or pecuniary profit from the operations of the corporation; provided, however, this provision shall not prevent the payment to any such person of such reasonable compensation for services rendered to or for the corporation in effecting any of its purposes as shall be fixed by the Board of Directors, and no such person or persons shall be entitled to share in the distribution of any of the corporate assets upon the dissolution of the corporation.

Dated: \_\_\_\_\_, 2006.

\_\_\_\_\_  
Secretary