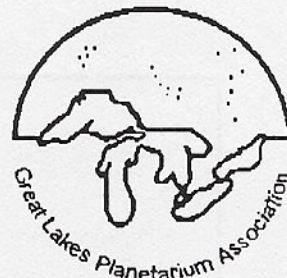
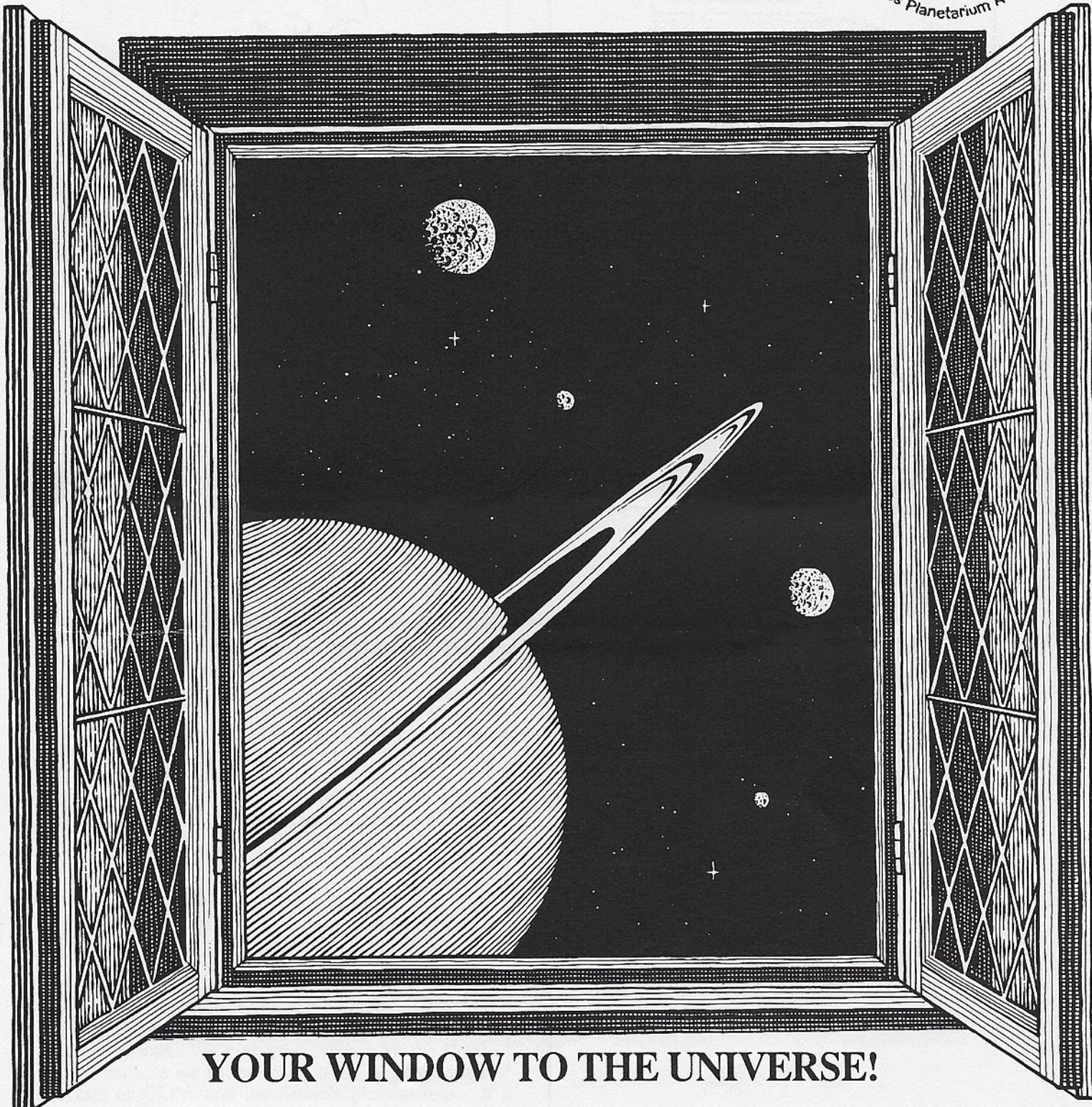


GLPA Newsletter



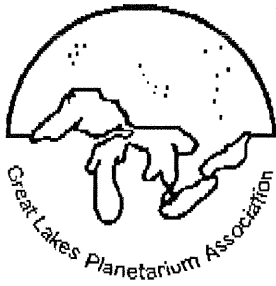
VOLUME XXVIII, NUMBER 3

AUTUMNAL EQUINOX, 1993



YOUR WINDOW TO THE UNIVERSE!

29th Annual GLPA Conference
Dayton, Ohio October 20 - 23, 1993



PRESIDENT'S MESSAGE

Dale Smith

We planetarians are one of the few professions in the country without a national society to speak for us. For historical reasons, we have organized on a regional level. The seven regional associations do an excellent job of providing conferences and other member services and facilitating our contacts with each other. The IPS is providing similar services on an increasingly international level, as it should.

Thus we have no unified voice to represent the common interests of American planetariums on a domestic national level. The regionals cannot do it. IPS cannot do it. Societies like AAS, NSTA, and ASTC, though related to us, represent other groups. In this decade in which science education is to be emphasized but many planetariums are threatened, a single voice is both a necessity and an opportunity for us.

In January, Bob Tate of SEPA, Steve Mitch of MAPS, and I, in consultation with the other regional presidents, met at Jeanne Bishop's home to begin creation of a National Planetarium Council (NPC). Under Bob's leadership, we drafted principles which were later used to formulate the proposed bylaws.

We envision a coordinating Council whose members are the seven regional associations. The NPC will provide the formal mechanism for the regionals to work and speak together as they choose. The proposed Council and its Bylaws are explained in detail in the article by Bob Tate which begins on page 8. Please read it carefully.

We plan to seek approval of the Bylaws by each of the seven American regionals during their 1993 meetings. GLPA will have the opportunity to ratify the Bylaws and join the NPC during our annual business meeting at the Dayton conference next month. We seek your support for the Council because we believe it is in the very best interests of GLPA and the nation's planetariums. If you have any questions, please contact me.



Bart Benjamin

Happy autumn and welcome back to all GLPA school planetarians! We can all look forward to seeing one another at the GLPA Conference in Dayton, Ohio this October. Art Goss and his staff are working very hard to make this conference a memorable one for all who attend. Don't miss it!

This issue of the *GLPA Newsletter* is coming out about a week later than I originally planned. In August, the Cernan Center was shut down and locked up for three weeks (with only a week's warning) because of electrical work in an adjacent building. Since I couldn't begin on the newsletter until August 23rd, some sections of the newsletter (e.g. State News and articles) are a bit shorter than normal. However, there are two very important sections that you should read -- the annotated bylaws of the National Planetarium Council beginning on page 8 and the slate of candidates for the upcoming GLPA election, which appears on page 7.

I recently heard from a couple of planetarium colleagues who said they would prefer to fax me their newsletter articles or notices. For them, my fax number (actually Triton College's fax number) is (708) 456-0049.

Keep those reports, articles, and faxes coming! Please note that the deadline for the winter issue is **November 1, 1993**. See you at the conference in Dayton!

STATE

NEWS

ILLINOIS



Chairman: Bart Benjamin
Cernan Earth and Space Center
Triton College
2000 Fifth Avenue
River Grove, IL 60171
(708) 456-0300, ext. 408

The Cernan Earth and Space Center in River Grove is currently playing the popular C-360 film *The Space Shuttle: An American Adventure*, its popular children's outer space show, *Zip, Zoom, Whiz*, and its popular Pink Floyd laser light show. In late October, the Cernan Center will premiere a new laser show that features the music of a variety of rock bands from the past 25 years. Beginning on November 26, the Cernan Center will bring back its popular holiday program *Celebrations of Winter*. In late August, the Cernan Center received word that it will receive its second consecutive general operating support (GOS) grant from the federal Institute of Museum Services (IMS), which will be applied in a variety of ways that enhance the Cernan Center's capabilities.

Also receiving a 1993 IMS Grant will be Peoria's Lakeview Museum. During the summer, the Lakeview Museum Planetarium presented *Dinotales*, *A Starry Tale* (a children's shows that stars puppets on video), and *Cosmic Catastrophes*. Lakeview Museum has recently been the victim of budget woes and finds itself operating on a reduced staff. During the summer, an exhibit of hands-on activities sponsored by the local power company (CILCO) was the museum's gallery feature.

The Illinois State University Planetarium in Normal recently conferred a \$1,000 Physics and Astronomy Education Award to ISU student Joseph Butler from Shirland, Illinois.

He will be joining the planetarium staff this fall. In September, the ISU Planetarium began running their own production of *The Magic Bus*, which explores the solar system, stars, black holes, and even friendly aliens. They will also continue running *Cosmic Catastrophes* through November. Beginning early in 1994, they will also present a series of seminars on safely observing next year's annular eclipse.

INDIANA



Chairman: Alan Pareis
9421 Stagecoach Drive
Fort Wayne, IN 46804
(219) 432-8786

No Report

MICHIGAN



Chairman: Jeffery Bass
Robert McMath Planetarium
Cranbrook Institute of Science
500 Lone Pine Rd., P.O. Box 801
Bloomfield Hills, MI 48013
(313) 645-3235

The Abrams Planetarium in East Lansing reports a highly successful reopening after renovation of their planetarium and installation of their new Digistar projector. *Gateway to Infinity* was a hit during the summer. A Digistar version of Hansen Planetarium's *Galaxies* will premiere this October.

STATE NEWS (cont.)

The **Chaffee Planetarium** in Grand Rapids continues to plan for the November, 1994 opening of its new 50-foot facility. Meanwhile, they are currently presenting *Galaxies* and an in-house family show *My Trip to the Moon*. Chaffee high school interns Greg Paplawsky and Nate Bultman created a very successful laser show, *Stars of Rock*, which ran during the summer.

The **McMath Planetarium** in Bloomfield Hills is presenting a new, interactive planetarium show this fall entitled *The Mystery of the Star Jewel*, in which the audience participates in solving a mystery using star charts.

OHIO



Chairman: Dale Smith
Physics and Astronomy Dept.
Bowling Green State Univ.
Bowling Green, OH 43403
(419) 372-8666

CRAP held the third annual "Zajac summer zocial" at the home of Gene and Pam Zajac on June 26, celebrating the summer with a cookout and water games.

The **Ritter Planetarium** in Toledo ran a double feature in June -- *Skywatchers of Ancient Mexico* and *Hubble: Report from Orbit*. The Physics and Astronomy Department at Toledo ran its third SPICA workshop during the summer.

The fall show at **Bowling Green** is *The Light-Hearted Astronomer*. Tony Crider from BGSU is now at Los Alamos National Laboratory.



WISCONSIN



Chairman: Bob Allen
Univ. of Wisconsin Plm.
Dept. of Physics; Cowley Hall
La Crosse, WI 54601
(608) 785-8669

The **University of Wisconsin at Stevens Point Planetarium** experimentally ran laser and light shows this summer. Attendance was better than expected, and they will be continued this fall. The planetarium staff will also be running Loch Ness' production of *The Mars Show* and during the holiday season, they will present Chaffee Planetarium's production of *A Christmas Present* and the Pink Palace's production of *Season of Light*.

The **University of Wisconsin at LaCrosse Planetarium** will be presenting the Bishop Planetarium's production of *Star of Wonder* during the holiday season.

ATTENTION PLANETARIANS

If news of your planetarium is missing from this State News column, please send it to your state chairman by the October conference for inclusion in the winter issue of the *GLPA Newsletter*.

EXECUTIVE COMMITTEE MEETING

The fall meeting of the GLPA Executive Committee will be held at 9 a.m. EDT on Wednesday, October 20 in Dayton, Ohio. Executive Committee members will be receiving more information by mail. For additional information, please call conference host Art Goss at (513) 275-7431.

GLPA BULLETIN BOARD

compiled by Bart Benjamin

ASTRONOMY DAY HANDBOOK

Since 1993 was the 20th anniversary of Astronomy Day, not only did we have two consecutive Saturdays for Astronomy Day, but Sky Publishing revised, reprinted, and sent a free copy of the 3rd edition of the Astronomy Day Handbook to every astronomy club listed in its directory. If you did not get a copy, we have a few left. The cost is \$2.00 in North America and \$3.00 outside North America. To order a copy, send your check payable to the Astronomical League to Astronomy Day Headquarters; Public Museum of Grand Rapids; 54 Jefferson SE; Grand Rapids, MI 49503.

Looking ahead, the next Astronomy Day is scheduled to take place on April 16, 1994.

NSTA/DURACELL SCHOLARSHIP COMPETITION

The National Science Teachers Association and Duracell, USA are pleased to announce the 1994 Duracell/NSTA Scholarship Competition. This competition is an exciting opportunity for students in grades 9 through 12 to earn college scholarships by designing and building battery-powered devices. The goal of this competition is to increase student interest and participation in science. The deadline for entries is January 21, 1994.

To obtain an official entry form and competition rules, please write Duracell/NSTA Scholarship Competition; 1742 Connecticut Ave. NW; Washington, DC 20009.

NSTA/TOYOTA TAPESTRY GRANT

The National Science Teachers Association and Toyota Motor Sales, USA, Inc. are pleased to announce the 1994 TAPESTRY Grants program. TAPESTRY stands for

Toyota's Appreciation Program for Excellence to Science Teachers Reaching Youth.

All science teachers of grades 6 to 12 residing in the United States can receive up to \$10,000 to run an innovative science program that centers on either environmental education or physical science applications. The goal of this competition is to increase student interest and participation in science. The deadline for applications is January 12, 1994.

TAPESTRY proposal kits will be mailed to teachers around the country. If you don't receive one by the end of September, please write to TAPESTRY; 1742 Connecticut Ave. NW; Washington, DC 20009.

UPDATE: "STATE OF THE PLANETARIUM" QUESTIONNAIRE

As you may already know, GLPA sent each member a copy of a questionnaire entitled "State of the Planetarium" in May. The intention of this survey is to determine the relative amount of pressure that planetariums in our region are experiencing as a result of fiscal cutbacks to America's schools, museums, and municipalities. So far, 64 completed questionnaires have been returned.

I would like to take this opportunity to thank all persons who took the time to complete this survey. GLPA will use this information to better assess the current state of our planetarium profession. With the inauguration of the National Planetarium Council now likely, such informational studies will only serve to make us all better prepared to address problems in astronomy education and planetariums in particular. I plan to compile the results of this survey (either as a formal paper or an available handout) for the fall conference in Dayton. If you have any questions before then, please contact Bart Benjamin; Cernan Earth and Space Center; Triton College; 2000 N. Fifth Avenue; River Grove, IL 60171. My phone number is (708) 456-0300, ext. 408.

GLPA ELECTIONS

The Nominating Committee (Dave Batch, Chairman) respectfully submits to the membership the following candidates for office:

President-Elect: **Jeffery Bass**
 April Whitt

Secretary/Treasurer: **David Parker**

I.P.S. Representative: **Dayle Brown**

CANDIDATE INFORMATION:

**Jeffery Bass; McMath Planetarium;
Bloomfield Hills, MI**

Jeff studied music at San Jose State University and the University of Michigan, where he helped establish a digital electronic music studio. During this time, Bass also combined music and multi-media production skills with a strong interest in astronomy to produce programs for the University of Michigan's Ruthven Museum Planetarium.

After receiving a Doctorate from the University of Michigan School of Music in 1985, he "jumped ship" and joined the Education Department at Cranbrook Institute of Science as Coordinator of Astronomy Programs. Presently, Jeff holds the position of Assistant Director of Education in which he directs the operation of Cranbrook's astronomy facilities, including the McMath Planetarium and Hulbert Observatory, and supervises museum education programs involving physics and astronomy.

Jeff is a member of I.P.S. and has also been a GLPA member for 7 years. He currently serves as the GLPA Michigan chairperson.

April Whitt; Adler Planetarium; Chicago, IL

April received a B.S. in Education from the SUNY at Fredonia, and M.Ed. from the University of North Carolina at Chapel Hill, completing the Morehead Fellowship in Planetarium Education and Administration.

She has been a member of GLPA since arriving at Adler Planetarium in 1984. She has served GLPA by editing its TIPS Booklet #13 (Astronomical Poetry) and presenting papers at several conferences.

She is a member of I.P.S. (serving as the Book Review Associate Editor for the Planetarian); the Illinois Science Teachers Association; and the Association of Astronomy Educators.

David Parker; Tipton Planetarium; Tipton, IN

Dave received his B.S. and M.S. from Ball State University in earth science and has taken additional graduate courses at Purdue University.

He has been a member of GLPA for 21 years, and currently serves as Secretary/Treasurer, a post he has held since 1981. He has also served as Instructional Materials Committee co-chair from 1979 to 1982, and co-editor of GLPA TIPS Booklets # 8, 9, and 10.

Dave is a member of I.P.S., The Planetary Society, and the National Science Teachers Association (NSTA). He has been awarded the GLPA Fellow award.

**Dayle Brown; Pegasus Productions;
South Bend, IN**

Dayle received her B.S. and M.S. from Ball State University in elementary education.

She has been a member of GLPA for 8 1/2 years and has attended nearly every GLPA and I.P.S. Conference since then. She has presented papers at GLPA Conferences and Starlab workshops during the past several years. She established a local Young Astronauts Chapter and served as chapter leader. In 1990, she created Pegasus Productions, an astronomy education company that uses the Starlab portable planetarium.

Dayle also writes the "Mobile News Network" column for both the International Planetarium Society and Great Lakes Planetarium Association newsletters. Most recently, she served on the summer staff at the Lawrence Hall of Science in Berkeley, California and was co-director of POPS '93.

Dayle is a member of I.P.S., the Planetary Society, NSTA, NEA, and MAPS. She has been awarded the GLPA Fellow award.

The Annotated Bylaws of the National Planetarium Council

A Brief History

Robert C. Tate

In the spring of 1992, I submitted an article to the newsletter of the Southeastern Planetarium Association calling for a national planetarium organization. Many people had discussed the need for such an organization, but no action had been successful in developing such an organization. This time, however, the time must have been right, for things started to happen. First was a call from Steve Mitch, MAPS president, wanting to reprint the article in their journal. Next, a resolution was passed by SEPA calling for the formation of the national organization.

Upon returning from the SEPA conference, I knew we were on the right track when I received a letter of support for Don Hall! PPA was the next organization to act by passing a resolution calling for a national organization at their fall meeting in Las Vegas. Finally, at the joint meeting of GLPA and GPPA, both organizations independently passed the same resolution passed by SEPA.

Overtures were made to SWAP in hopes that they would vote on a similar resolution at their fall meeting, and the topic was discussed, but no action was taken until further research could occur. RMPA and MAPS have not met since all this started, so these organizations have not voted on the need for a national organization.

The next action was the reprinting of my original article and reaction to it in the Forum column of the Planetarian. It is amusing to note that there were some people who thought the topic inappropriate for inclusion in the Planetarian, which is an international organization's publication. What better way of pointing out the need need for a national organization!

To summarize what has been said in print and at conferences, it is obvious that people see the need for a unifying voice to speak for all the nation's planetariums; that such a voice should work with, and not replace the wonderful regional organizations, and that any new organization should be built on the regional structure that we already have. Further, people are happy with the work of IPS and do not want to see any change in the existing organizations' relationship to that society.

As a next step, a conference was called and the presidents of every planetarium regional association were invited for a weekend at Jeanne Bishop's home in Ohio. It was early January before the meeting could be scheduled, and three delegates made the trip. In attendance were Dale Smith (GLPA President), Steve Mitch (MAPS President), and Bob Tate (SEPA Past President representing Richard McColman). Jeanne Bishop provided valuable input also. In a marathon session broken only for quick meals and a short walk in the snow, the basics for the enclosed Bylaws were hammered out.

From the concepts developed at this meeting, these Bylaws were put into words by Jim Summers and Bob Tate. They were then reviewed by the people who had attended the Ohio meeting before being presented to all the presidents of the regional associations for final discussion and approval. Next they will be presented to the various Regional Associations for approval at this year's round of conferences. It is our hope that they will be ratified in every region by the end of the Triple Conjunction meeting later this fall.

On April 18, 1993 the GLPA Council voted to approve the Bylaws. On April 22, 1993 the membership of MAPS became the first of the regional organizations to vote to approve the Bylaws.

(over)

A Brief Description of the NPC

What we have worked so hard to design is an organization which draws on our collective strengths by making full use of the existing structure of the regional associations. These associations will remain autonomous and will not answer to or take orders from the new NPC. Instead, the NPC will exist in order to open lines of communication among the existing regionals, and will support their efforts, taking a lead in matters which affect all planetarium, and in those matters which require a unified voice.

The structure of the NPC is that of a council whose members are the associations. This is an organization whose members are organizations, not individuals. Thus no one will have to pay dues for another society, there will be no meetings (other than the Board of Directors), efforts at publication will not be duplicated (news will be distributed by existing newsletters), and the time and effort needed to accomplish the organization's work will be kept to a minimum.

In order to keep meetings of the Board of Directors to a minimum, and to save money, plans are being made to allow the exchange of information and to accomplish voting, by use of electronic communication, perhaps by setting up a forum on Compuserve, or a similar bulletin board. This would allow input by anyone into discussions, yet limit votes to the members of the Board of Directors without the expense and time of face-to-face meetings.

Valid activities of the NPC would deal with promoting the profession, seeking out locations for new planetariums, developing a body of knowledge for the advancement of the profession, seeking funding for the production and distribution of planetarium programs, overseeing the production of new programs by subcontractors, contributing input into the current discussion on the direction of science education, etc.

The Bylaws may appear remarkably general in scope, yet the specifics are there to insure the direction we want for the new organization. Once organized, the new Board of Directors will establish its own rules.

Sections in brackets, { }, are annotation comments, not part of the Bylaws.

Bylaws of the National Planetarium Council

Article I NAME

Section I: Name. The name of this organization shall be the National Planetarium Council.

{This name accurately identifies the structure chosen for the national organization. It is a council, not a new organization. It is national in scope, and it deals with planetariums.}

Section II: Definition. A planetarium is typically a facility which includes a theater having a domed ceiling upon which the day and night sky can be simulated for the purposes of demonstration, communication of knowledge, and instilling a sense of the wonder of the universe to an audience.

{To avoid confusion, a definition of a planetarium was developed. This is to avoid confusion (mostly on the part of outsiders) as to what a planetarium is. In the eyes of many, there is little difference between an observatory and a planetarium. The definition is sufficiently vague to allow for future technological developments, such as a virtual-reality planetarium, which may have no dome at all.}

Article II PURPOSES AND ACTIVITIES

{This is the most important section of the document, for it tells what we are all about. It outlines the reasons for developing the council.}

Section I: Purposes. The purposes for the National Planetarium Council shall include but not be limited to:

1. Being a single voice to speak for all planetaria in the United States of America.

{NPC will speak for all of us at the national level. When people need to know about the work of the nation's planetariums, the NPC will be the place to look for that information.}

2. Supporting and encouraging the efforts and activities of the regional associations by establishing reliable and timely lines of communication.

{The Regional Associations do a good job of informing their members of their work, but those of us in other areas of the country rarely find out what is going on. Often it takes half a dozen phone calls just to find out who the current presidents are! The NPC will solve this problem by opening channels of communication which will stay open.}

3. Creating avenues of communication between the planetarium community and other organizations.

{There are many organizations with which we have common interests. These include other scientific societies, arts societies, etc. Having one central organization will make discussions with these organizations manageable.}

4. Actively seeking funding from appropriate sources, public and private, for projects of interest to the nation's planetaria, i.e., funding of production and distribution of planetarium programs and lessons; creation of music, art, script, and other resource libraries, etc. When required by the funding agency or otherwise appropriate, the NPC will function to coordinate the application process and/or provide oversight to the administration of funds.

{This addresses the heart of the matter. There are sources of funding available through private and governmental agencies which are willing to support the efforts of the nation's planetariums if we just have a vehicle to access them. Experts in governmental relations recognize two types of organizations; ones with large numbers of uninformed but interested members, and small "elite" groups made up of capable, well informed "experts" who know exactly what they are doing. It is this latter type of group to which policy makers and funding agencies pay attention. This is just the type organization we hope to form.}

5. Obtaining and maintaining data concerning planetaria, their operation, and their roles in the community (public and/or educational).

{At present there is little data collection occurring except the excellent surveys done by Dave Menke. We should be collecting attendance figures, surveying the status of facilities, and seeking out places where new planetariums are needed.}

6. Promoting the establishment of new planetaria in areas where they are needed.

{Once an area is targeted in the surveys as being a potential new market for a planetarium, we should actively seek support and interest in that community to get a planetarium established. Providing the technical expertise will create new planetariums, create new employment opportunities for planetarium professionals, insure the continued development of planetarium technology, and most important, bring the enjoyment of learning about the universe to millions more citizens.}

Section II: Non-Profit Status. The NPC is a non-profit organization under the Internal Revenue Service definition and its activities will be consistent with this status.

{This section is required to incorporate as a non-profit organization according to requirements of the IRS.}

1. No part of the net earnings, properties or assets of this organization on dissolution or otherwise shall inure to the benefits of any private person or individual or director of this organization, and on liquidation or dissolution all properties and assets of this organization remaining after paying or providing for all debts and obligations shall be distributed and paid over to such fund, foundation or corporation organized and operated for charitable or educational purposes as the Board of Directors shall determine and as shall, at the time, qualify as a tax exempt organization under Internal Revenue Code Section 501(C)(3) or as the same may be amended.

2. This organization shall not as a substantial part of its activities carry on lobbying or otherwise attempt to influence legislation.

{The term "substantial part" gives the I.R.S. a means of denying tax-exempt status. Organizations which are known for heavy lobbying, like the National Rifle Association have lost their tax-exempt status, while others, like the American Association of Retired Persons (the largest lobbying group), are still tax exempt. Make no mistake, this clause does not stop us from expressing ourselves in Washington, or keep us from seeking funding!}

3. This organization shall not participate in or intervene in (including the publishing or distributing of statements) any political campaign on behalf of any candidate for public office.

4. This corporation shall not engage in any act of self-dealing as defined in Section 4941(d) of the Internal Revenue Code of 1954 or corresponding provisions of any subsequent federal tax laws.

Section III. Relations with Other Organizations. The National Planetarium Council neither seeks nor will it accept membership in or affiliation with international organizations.

{In order to establish and maintain our identity as a national organization, this section is necessary. It shows the Federal government that we are independent of any international entanglements. Further this section reaffirms the current organizational relationships of the regional associations with the International Planetarium Society, and eliminates and need for that body to reorganize or restructure in order to accommodate the NPC. This section would, however, allow affiliation with other national organizations with similar interests.}

Article III ESTABLISHMENT OF THE ORGANIZATION

The National Planetarium Council shall be established upon the ratification of these Bylaws by the membership of at least four of the seven regional associations eligible for membership under Article V.

Article IV INCORPORATION

Section I: Registration. Upon the establishment of the National Planetarium Council according to Article III, the Board of Directors shall undertake the incorporation of the organization in a timely fashion. The organization shall be incorporated in the State of _____ . The official address of the corporation shall be

_____. The registered agent shall be _____.

Section II: Changes. The Board of Directors shall herewith be authorized to initiate and approve such changes in the articles of incorporation as may become necessary in the future, including, but not limited to, change of registered agent, change of official address, and re-incorporation in another state should this become advantageous or necessary.

Section III: Automatic Amendment. Upon satisfactory completion of the legal process of incorporation, the applicable information required in Section I of this article shall be included in and become part of these Bylaws without any further ratification action by the member associations.

Article V MEMBERSHIP

Section I. Member Qualifications. Membership in the NPC shall be open only to the regional associations of planetariums located in the United States and its territories, namely:

1. Great Lakes Planetarium Association
2. Great Plains Planetarium Association
3. Middle Atlantic Planetarium Society
4. Pacific Planetarium Association
5. Rocky Mountain Planetarium Association
6. Southeastern Planetarium Association
7. Southwestern Association of Planetariums

{Now we get to the meat of the organizational structure. The NPC is an organization whose members are not people, but organizations! Individuals can claim affiliation with the national organization only through one of the regional associations. NPC does not accept individual memberships. This is the meaning of "Council" in its name.}

Section II. Obtaining Membership. A regional planetarium association may become a member of NPC upon an authorizing vote of its membership.

{The regional associations must act to become members of the NPC. The continued membership of the association in NPC is also dependent upon the wishes of the memberships of these associations.}

Section III. Representation. Each member regional association shall name one of its members to represent it on the NPC Board of Directors. This member shall serve at the pleasure of the regional association. The sole proviso on the selection of this representative to the Board of Directors is that the individual be a citizen of the United States in order that the organization may deal on an unrestricted basis with agencies of the Federal government.

{Each regional association, regardless of size, is allowed one equal vote in the council. This vote is the responsibility of one individual to be designated to sit on the Board of Directors. It is up to the individual regional associations to decide how this representative is selected and for how long a term he or she serves. For purposes of avoiding international entanglements, there is a requirement that the representatives be citizens of the United States.}

Section IV. Member Assessment. Each member regional association shall be assessed an annual assessment to underwrite the operational expenses of NPC. The amount of this assessment shall be based upon the per capita membership of the regional and shall be determined by majority vote of the Board of Directors.

{Funding for the operations of the NPC must come from the regional associations, from grants, etc. The amount collected from each association will depend on the number of members each association has from within its geographical borders. This is the most equitable way of funding the operations of the NPC. In an ideal situation, the amount collected should be in keeping with the benefits given as a result of membership. In any case it is the job of the Board of Directors to arrive at this figure. Since every regional has an equal voice in this matter, there should be no objection to this method of funding.}

Section V. Member Autonomy. Member regional associations maintain full autonomy in the conduct of their own affairs and the NPC cannot make decisions which are binding on the member regional associations.

{The NPC takes care of its own business, but does not delve into the affairs of the regional associations. We are not creating an organization which takes precedence over the regional association, but one which handles business of interest to all of the regionals.}

Article VI BOARD OF DIRECTORS

Section I. Governance. The NPC shall be governed by a Board of Directors which shall consist of an Executive Director and one voting representative from each of the member regional associations.

Section II. Procedures. The Board of Directors shall make its own rules on procedures and shall select its own officers.

{It is obvious that this set of Bylaws is sparse on details. This is done by design, in order to allow the Board of Directors the necessary freedom to set the goals for the organization and the procedures needed to meet these goals. This set of Bylaws is designed to put the organization in existence and to meet the requirements for incorporation. Another document will need to be created in order to set up the rules and procedures under which the Board of Directors work.}

Section III. Executive Director. The Board of Directors shall select the Executive Director from available candidates. Members of the Board of Directors are not eligible to be selected as Executive Director during their terms of office. The Executive Director has no vote and can hold no other office in the organization. The Executive Director serves at the pleasure of the Board of Directors.

{The Executive Director will carry on the business of the Board of Directors, but will have no vote on the board. Hopefully, in the future, as funding increases, this will become a paid position. Only then will we have as full a voice as possible in the national arena. The Executive Director is selected by the Board of Directors, and serves at its pleasure.}

Section IV. Other Staff. The Board of Directors shall be authorized to create such other staff positions as they deem necessary and appropriate for the proper functioning of the organization.

{This provision allows for the hiring or naming of permanent and temporary positions as needed.}

Section V. Committees. The Board of Directors may establish committees at such times and for such purposes as they deem appropriate. These committees may be temporary or standing. Each committee shall be chaired by a member of the Board of Directors and shall include at least two other individuals representing other regional associations. The committee members may be members of the Board of Directors or selected from the membership of member regional associations.

{All the work of the NPC cannot be done by the few individuals on the Board of Directors, so committees may be formed which have members from the regional associations. All committees must be chaired by a member of the Board of Directors, and more than two regional associations must be represented on each committee.}

**Article VII
MEETINGS**

Section I: General Meetings. Meetings of the NPC shall be limited to meetings of the Board of Directors. These shall occur at least once each year at such times and locations as designated by the Board of Directors. The Board meetings may also be conducted by conference telephone hookup, by mail, or by means of such technology as may become available and deemed appropriate for the purpose.

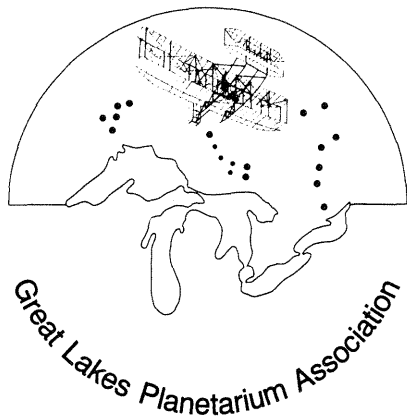
{The Council must hold a minimum of one meeting a year, but in order to save money, and to encourage participation, meetings may be held, and business conducted by means of telephone, FAX, or electronic mail.}

Section II: Meetings of Committees and Other Work Groups. Committees and other advisory work groups which may be established by the Board of Directors, will meet at such times and in such manners as are determined appropriate by the designated chairpersons.

Section III: Open Meetings. All meetings of the NPC and its subordinate units shall be considered to be open and all business transacted therein shall be made available to the member associations, and through them to their members, with the exception of personnel matters, other matters involving individual rights of privacy, and any matters specifically regulated by law.

**Article VIII
AMENDMENTS**

These Bylaws may be amended by approval by majority vote of the membership of at least four of the member regional associations.



29th Annual Conference

Dayton Museum of Natural History
2600 DeWeese Parkway
Dayton, Ohio 45414

Oct. 20 - 23, 1993 Dayton, Ohio



The Dayton Museum of Natural History's Philips Space Theater will be hosting the 29th annual conference of the Great Lakes Planetarium Association on October 20-23, 1993. Papers, commercial displays, planetarium shows, and other special events are planned for the conference. Registration packets were sent out in August. The deadline for late registration is October 8th. For more information, call the conference host, Arthur Goss, at 513-275-7431. See you there!

As a member of the Great Lakes Planetarium Association (GLPA), you will receive the following benefits:

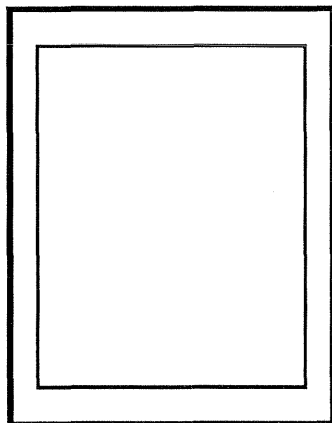
- the opportunity to attend the annual GLPA Conference in the fall.
- the opportunity to attend state planetarium meetings in the spring.
- a copy of the Proceedings of the annual GLPA Conference.
- subscription to the quarterly *GLPA Newsletter*.
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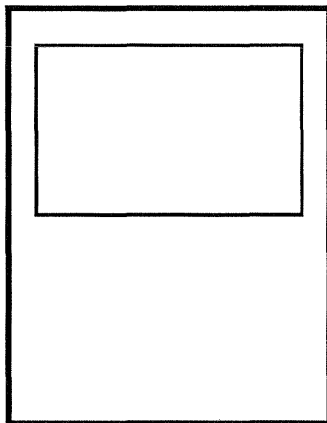
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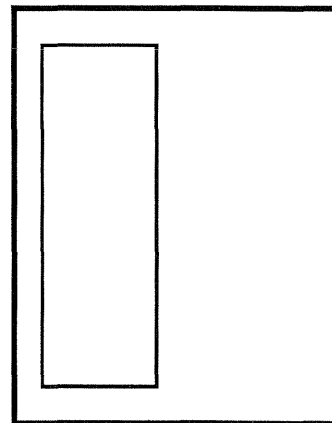
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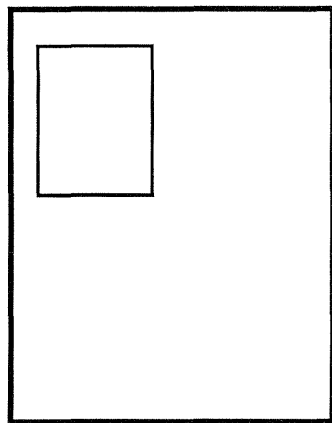
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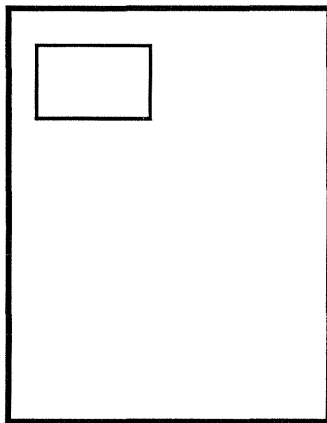
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**FUTURE GLPA
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1993 Oct. 20-23 Dayton, OH
1994 Oct. 26-29 Wheeling, WV
1995 October ? Grand Rapids
1996 Looking for volunteers; if
you are interested, contact
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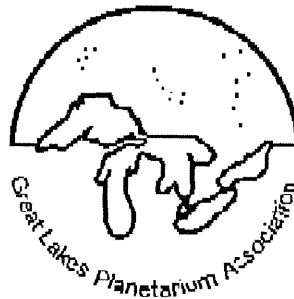
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