

Bulletin of the

NATIVE PLANT SOCIETY of OREGON

25th ANNIVERSARY 1961-1986

To increase the knowledge of members and public in identification and conservation of the native plants of the Pacific Northwest

Volume 19 No. 12

December 1986

ISSN 0884-5999

CHAPTER NEWS

Blue Mountain

For information about December activities, contact Bruce Barnes (276-5547).

Corvallis

8 Dec., Mon.

Dessert potluck and slide show. Meet at 7:30pm. at Ed Alverson's and Tom Kaye's place, 411 NW 16th. Bring 10 of your favorite slides and your favorite dessert.

Emerald

8 Dec., Mon.

Christmas Social and Slide Show, with a refreshment potluck (bring a party food item to share). Everyone is encouraged to bring selected slides of their excursions and share details of hiking trails, special locations to view wildflowers and other adventures. At Charlene Simpson's condo Club House, 1992 Lake Isle Drive, across from K-Mart off Goodpasture Rd., Eugene. Call Charlene at home (456-1059) or work(686-3221).

High Desert

For information, contact Stuart Garrett (382-2681).

Mid Columbia

3 Dec., Wed.

Meeting, 7:30 pm. at the Mosier School will feature slides of Eastern Oregon and Great Basin plantlife from the collections of Keith Chamberlain and Jerry Igo.

North Coast

For information, contact Richard Smith (842-4324).

Portland

9 Dec., Tues.

Meeting, 7:00 pm. First United Methodist Church, 1838 SW Jefferson, Portland. A program of slides presented by members of the Portland Chapter.

Siskiyou

11 Dec., Thurs.

Meeting, 7:30 pm. Room 171, Science Building, SOSC, Ashland. Boyd Kline, former owner of the Siskiyou Rare Plant Nursery, will give a slide presentation on native lilies. For more information, contact Jan Larson (482-4513).

Willamette Valley

No December meeting. For information contact Susan Kephart (370-6481/371-7161).

Wm. Cusick

For information, contact Rachel Sines (963-0674).

48-ACRE PARCEL ADDED TO MT. HOOD FOREST

The dedication on Saturday, October 18, of a 48-acre addition to the Mt. Hood National Forest -- an event that followed by one day the passage of federal legislation creating a Columbia River Gorge National Scenic Area -- was hailed as cause for a double celebration by the chairman of the board of the Trust for Public Land.

The U.S. Forest Service plans to develop the land near Eagle Creek Park, called the Ruckel Creek addition, as a picnic area that ties into several trails, including the Pacific Crest Trail.

As a federally owned area, the new park addition will be one of the special management areas specified in the legislation creating the national scenic area. The trust worked with the landowner, Union Pacific Railroad, to effect the land donation.

The Trust for Public Land buys significant lands on a willing-seller basis and resells them to public agencies for preservation. The organization's board of directors viewed Saturday the nearly 6,000 acres of land, valued at \$11 million, that the trust has acquired or optioned in the gorge. Of that total, 2,100 acres have been conveyed to the state of Oregon, U.S. Fish and Wildlife Service, and two national forests.

The trust began acquiring land in the gorge in October 1983, when it bought the George Rizor property across the Columbia River from Multnomah Falls, a parcel that was planned for a controversial residential development. Among the lands the trust still holds is a 586-acre parcel across the river from Multnomah Falls that includes the face of Archer Mountain and a mile of Columbia River waterfront.

Patsy Miller is the new secretary of the Corvallis Chapter. She replaces Joan Glascock who recently moved to Portland.

STATE NOMINATING COMMITTEE

A Nominating Committee has been formed to prepare a slate of candidates for officers and board members for 1987. Susan Kofahl of the Mid-Columbia Chapter, Mary Jane Fredricks of the Portland Chapter and Don Eastman of the Willamette Valley Chapter are seeking members willing to serve in the following positions: President, Vice-President, Secretary, Treasurer, and three at-large Board Members. Please refer to the December 1985 Bulletin for these position descriptions.

We all have a responsibility to contribute to the vitality of this organization. If you haven't taken a turn at serving on the Board of Directors, this should be the time! Please submit suggestions/nominations to any of the Committee members listed above. A preliminary slate of candidates should be ready for publication in the January news bulletin.

NPSO T-SHIRT UNDER EVERY TREE?

The following short-sleeved t-shirts are still available for holiday giving:

Lomatium cookii (yellow) S,M,L,XL

by Gaylee Goodrich

Delphinium leucophaem (teal) S,M,XL

by Gaylee Goodrich

Darlingtonia californica (lilac) S,XL

by Linda Vorobik

Opuntia polyacantha (grey) S,M,L,XL

by Julie Kierstead

Long-sleeved shirts with Julie's Opuntia polyacantha are available in grey, lilac or white, but only in XL. All shirts have black print with "Native Plant Society of Oregon" above the design. Your chapter may have some for sale.

New shirts with long sleeves have been ordered in the following:

Smilicina racemosa (lt. blue, burgundy print)

M,L by Julie Kierstead

Opuntia polyacantha (red, black print) M,L

by Julie Kierstead

Erythronium oregonum (yellow, green print)

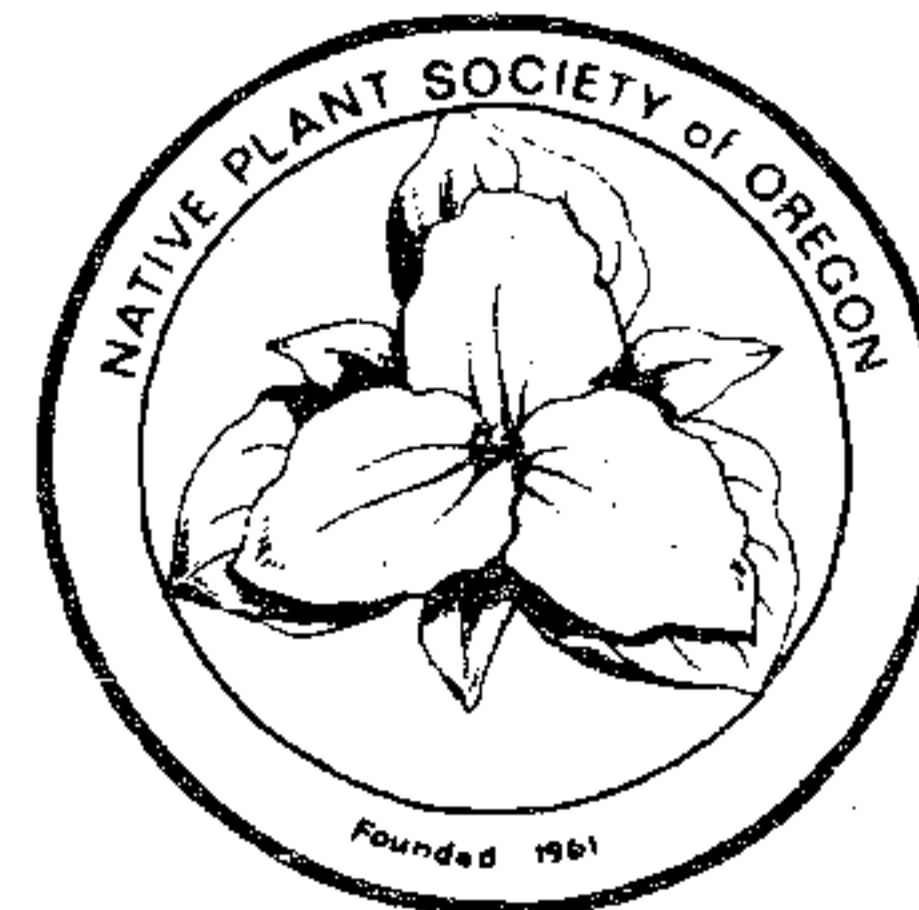
M,L by Gaylee Goodrich

Cornus canadensis (teal, black print) M,L,XL

by Julie Kierstead

(this one is crew neck sweat shirt)

All are in men's sizes. Prices are \$7 for short sleeve, \$10 for long sleeve, \$16 for sweat shirts. We still have a few original white short-sleeved shirts, NPSO emblem in green, L for \$6.75. Please include \$1 each for postage and indicate a second choice if acceptable. Make checks payable to Emerald Chapter, NPSO. Order from Evelyn Everett, 4135 Alder St., Eugene, OR 97405.



NPSO SILVER ANNIVERSARY PINS

A second order of NPSO pins was placed with the company in mid-October. By the time you receive this Bulletin, Susan Kofahl should have a large supply ready to fill your new requests as well as those few back orders. One does not have to be a member of NPSO to own or wear one, as some people have asked, only be a plant enthusiast! Thus, keep them in mind for Christmas presents and stocking stuffers. Lightweight, they are easy to mail to friends across the country. A Mid-Columbia Chapter member has even taken a few with her on a botanical excursion to Australia. She plans to give them as gifts there. Send orders to Box 151, Mosier, OR 97040. State the number of pins and address to send them to. Please include a check covering \$2 per pin.

PROGRAM The Mazamas provide grants to aid scholarly studies related primarily to the last- ing and living features of the outdoors, especially in the Pacific Northwest, and to the interaction between people and their outdoors environment. Examples of supported projects are: Thermal Tolerance of Redband and Coastal Rainbow Trout Strains, Precipitation and Surface Water Quality in the Smith River Basin, Fossil Floras of Oregon and Patterns of Injury Among Rock Climbers. Recently, additional funds have been set aside specially for the study of preservation of wilderness. Preference is given to projects of interest to the membership of the Mazamas.

CONDITIONS OF AWARDS (1) Applicants usually are affiliated with an educational institu- tion. (2) Applicants need not be members of the Mazamas although slight preference is given to members. (3) Awards typically are \$500 to \$1,000. (4) Nonallowable budget items include per- sonal gear and institutional overhead. Equipment must become property of a sponsoring non- profit organization. Travel \$0.20/mile, food \$8/day. All budget items need justification. (5) Within 12 months, the awardee must submit a progress report of the work supported by the Mazamas. It should include a 200 word summary suitable for publication in the Mazama annual journal and a black and white photograph if appropriate. (6) Mazama support should be acknowledged in all relevant publications.

APPLICATION PROCEDURE Applications must satisfy the Research Committee of the Mazamas that the project is scientifically sound, that it is within the competence of the applicant and that it is germane to the purpose of the research program. Submit NINE (9) complete type- written copies of your application giving:

1. Title of project, name, address, affiliation.
2. A one paragraph abstract of the project.
3. An explanation of what you plan to do, why you plan to do it, how you plan to do it and, if necessary, how the project fits within existing knowledge.
4. The personal qualifications of the applicant, including education, work experience, and published work.
5. A professional letter of reference (graduate students should supply a letter from their advisor).
6. A budget (see above). List sources of other support.

DEADLINE Applications must be postmarked or received before December 31st. If at all pos- sible, applicants will be notified before March 1st.

INQUIRIES AND APPLICATIONS SHOULD BE DIRECTED TO Research Committee, Mazamas, 909 NW 19th Avenue Portland OR, 97209.

The Budget Committee will meet during the third week in December to work out the 1987 NPSO Budget. The budget will be presented at the January Board meeting.

The Budget Committee needs your estimated expenses and/or income during the 1987 calendar year. The budget looks tighter for '87 so restructuring may be extensive. Write or call your budget items to Dan Luoma, 3020 N.E. Lancaster St., Corvallis, OR 97330, 758-8063. The Board Meeting is no place for last minute additions, so do it now. Thank you.

THE GUIDE TO OREGON FOUNDATIONS is a good resource book for tax-exempt organizations. It is a listing of the foundations in Oregon that give grants to non-profit/tax-exempt organizations. To obtain a copy (for approximately \$10) contact: United Way of the Columbia-Willamette, 718 W. Burnside, Portland, Oregon 97209 (503) 228-9131.



United States
Department of
Agriculture

Forest
Service

Pacific Northwest
Research Station

P.O. Box 3890
Portland, Oregon
97208

WELCOME NEW MEMBERS

CORVALLIS

Thomas O'Dell

EMERALD

John Koenig
Joan Watson

HIGH DESERT

Bernie Smith

NORTH COAST

Oregon State Parks

PORTLAND

Pam Gagnon

SISKIYOU

John Erwin

WM. CUSICK

Robert Parenti

Rhoda Love, President
Native Plant Society of Oregon
c/o Jan Anderson
1960 Lovejoy #2
Portland, OR 97209

Dear Ms. Love:

I was very pleased to read in the August issue of the Bulletin of the Native Plant Society of Oregon that NPSO is supporting botanical work in three Research Natural Areas in southeastern Oregon. As chairperson of the Pacific Northwest Region Research Natural Area Committee I would like to commend NPSO for taking such an active interest in RNA's. By making these kinds of grants available NPSO is providing the RNA program with valuable information. The more we know about the flora, fauna and ecological processes in RNA's, the better job resource managers can do managing the land.

The Pacific Northwest Research Station publishes Guidebooks to RNA's and has published seven plant checklists for RNA's. The committee encourages NPSO to partake in this program and work at publishing their botanical work through the Station. It is most important that this kind of information get out to land managers, scientists and educators. If your contractors are interested in publishing, they should contact Sarah Greene, Research Natural Area Scientist, 3200 Jefferson Way, Corvallis, OR 97331 for further information. Again my thanks on behalf of the Committee.

Sincerely yours,

Robert L. Ethington
ROBERT L. ETHINGTON
Station Director

Reply to: 4060

Date: AUG 15 1986

PRESIDENT'S LETTER . . .

NEEDED: INFORMATION ABOUT WHERE TO OBTAIN AND HOW TO GROW NATIVE PLANTS

Dear Bulletin Readers,

Many of the letters the NPSO receives these days are requests for information about growing Northwest native plants. Some are requests from gardeners for sources of seeds, bulbs, or cuttings and for growing instructions. Others come from park managers wanting tips on wildflower enhancement or restoration. Garden clubs write to ask for our recommendations on highway beautification using native species. Counter culture folks want to grow native grasses and legumes and to broadcast wildflower seeds in their meadows. Museums wish to landscape (or relandscape) using only native vegetation, and so on. The National Wildflower Research Center in Austin, Texas reports that they received 22,000 such requests in 1986!

Our volume of mail hasn't (yet) reached that level, but as your President, I find myself answering a number of such letters each month. I always recommend A. R. Kruckeberg's excellent book, Gardening with Native Plants of the Pacific Northwest, and I mention the Siskiyou Rare Plant Nursery, and Russell Graham's Nursery in Salem, among others.

Because of the increasing number of such requests, and because I believe this is an area with which the Native Plant Society of Oregon ought to concern itself, I am asking all Bulletin readers to send me information on this topic. Please send sources of native plants and sources of information on their culture. Please remember at the same time that NPSO would want to recommend only those nurseries which sell propagated plants as under most circumstances we cannot support the sale of wild-collected native species.

Once the information has come to me, I will appoint a committee to condense it into a page or two or perhaps a small brochure that can be distributed as the requests come in.

Please send full names and addresses of nurseries, experiment stations, and individuals, and the full bibliographic information for any books or journals that you recommend.

Thanks very much for your help with this important project.

Flowers forever,

Rhoda Love, President
393 FulVue Drive
Eugene, OR 97405
345-6241

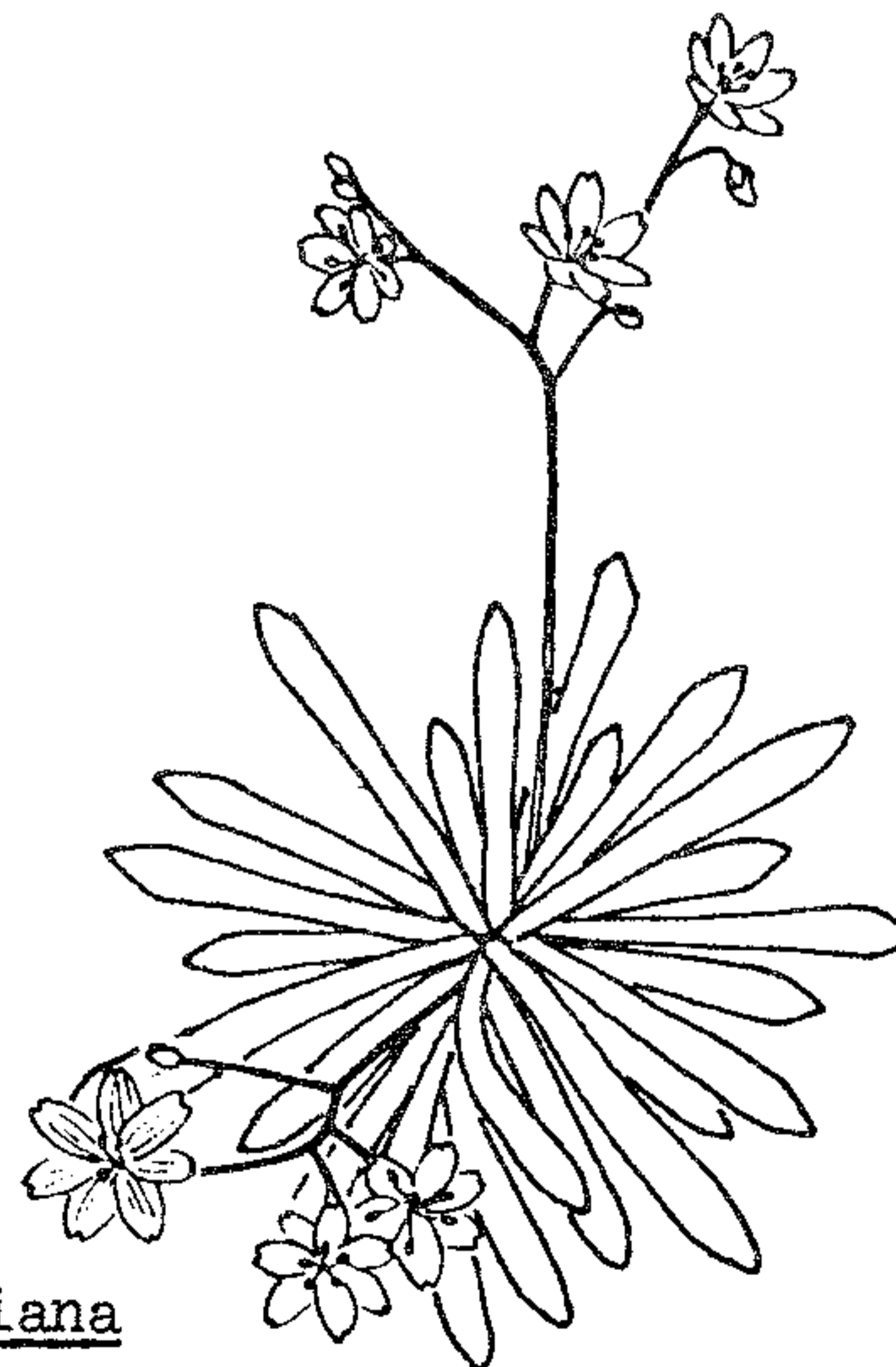
LAST MINUTE REPORT:
CALIFORNIA CONFERENCE OUTSTANDING!

As this issue of our Bulletin goes to press, Rhoda Love, President and approximately a dozen other NPSO members have just returned from Sacramento where they attended the California Native Plant Society-sponsored "Rare and Endangered Plants: A California Conference on their Conservation and Management."

The Conference, which took place November 5 through 9 at the Capitol Plaza Holiday Inn in downtown Sacramento, was outstanding!

Heartiest congratulations to our sister society to the south for a superbly organized meeting. Rhoda will publish a full report on the conference in our January Bulletin. For now she wishes to thank NPSO and our Board of Directors for contributing her \$45 registration fee. She also wishes to thank Charlene Simpson of Emerald Chapter and Veva Stansell of Siskiyou Chapter for sharing driving and motel expenses and for providing superb companionship along the way. Rhoda is also grateful to the Oregon Division of State Lands (through the Natural Heritage Advisory Council) for contributing an additional \$45 to her travel expenses.

The California conference began on a high note Tuesday morning with a stirring introduction by Dr. Paul Ehrlich, Director, Center for Conservation Biology, Stanford University and reached a second climax Friday night with a marvelous retrospective of his life-long love affair with the California flora by G. Ledyard Stebbins, Professor of Genetics, Emeritus, University of California, Davis. In between came a multitude of fine papers on rare plant study, conservation, and management by approximately 150 presenters. Look for Rhoda's review of some of these papers in our January Bulletin.



Lewisia columbiana

A BRIEF OF THE NPSO BOARD MEETING

The NPSO Board met in Bend on October 11th. The day was beautiful so it was a bit hard to leave the sunshine and settle to the business at hand. Chapters reported on their activities and all reporting chapters are having interesting and informative programs plus stimulating field trips. Several chapters used their field trips to update flora lists and to monitor R/E plants. The Emerald Chapter reported the greatest number of R/E plants monitored so they are entitled to the \$50.00 award. Mid-Columbia is sending T-shirts and anniversary pins to Australia with a traveling member and Willamette Valley has sent pins home with two Russian visitors.

Julie Kierstead of the Conservation Committee has worked by letter and by phone with the BLM on conservation problems. She has written a draft "NPSO BLM Agenda" to serve as a statement of NPSO policy toward botanical resources on BLM land. The reason for the written statement is so that NPSO can be seen as a positive force by BLM rather than a negative, nagging organization which responds only to agency actions that we do not like. Julie participated in a meeting with the new state BLM director, William Luscher, and had an opportunity to express NPSO's concerns for conservation of botanical resources on BLM land. The US Forest Service has a new T/E Coordinator, Cathy Johnson, who is more responsive and interested in plants than previous coordinators.

Julie attended the Oregon Natural Resource Council's annual meeting at Breitenbush. At this meeting Rick Brown received the ONRC's award of 'Conservationist of the Year' and the Walker Creek Task Force got the "Organization of the Year" award.

Berry Botanic Garden has a slide show available for loan. It is narrated by Christopher Reeve and is called "Garland of Generation". The show is about endangerment and extinction. Contact Julie if you are interested (Portland 636-4112).

Since the June board meeting, Esther McEvoy and the Legislative Committee have been working on the 'Endangered Species Conservation Bill'. They have had helpful meetings with various interested persons and organizations and by the end of October will have a bill ready to circulate. Persons interested in making comment on the bill should contact Esther McEvoy.

Barbara Fox has completed her work on the BLM High Desert Wilderness. She has received a report from Lois Kemp on the work she and Peter Zika did this year on the Long Draw Research Natural Area and will be receiving a report from Carolyn Wright and David Gross for their work on Mickey Basin, Long Draw and Silver Creek Research Natural Areas. BLM was pleased the NPSO sponsored this work and has nominated NPSO for the 'Take Pride in America' award. During this grant work, five locally rare plants were found.

Mariana Bornholdt reported on progress the Friends of Walker Creek Wetlands have made toward saving this botanically important area. They have presented a petition to the US Fish and Wildlife requesting emergency listing of Sidalcea nelsoniana as a R/E plant and have made a formal request that the BLM designate this basin as an 'Area of Critical

Environmental Concern'. However, the future of the basin remains uncertain.

Carolyn Wright reported that with grazing, species of grass are fluctuating in Long Draw while winterfat, Ceratoides lanata, an important forage plant for wild-life, is holding its own in Mickey Basin. Due to lack of volunteers, the fencing project in Mickey Basin did not take place.

The Board learned that Malheur Field Station is to remain a consortium of Pacific University. Personnel at the station have offered to lead a field trip to Hat Butte. They would like the group to study the area. They would also like NPSO to sponsor a Steens Mountain Flora. The Board liked the idea of a flora but did not know enough about what was required to make a decision. Don Eastman hopes to make contact and get more information.

In other business Rhoda Love, President of NPSO, reported to the friends of Ginny Crosby that she is still in Colorado, and that complaints have been received from persons wanting to attend NPSO functions but were unable to do so because of insufficient information in the Bulletin. She asked that complete information be given to the editor (especially addresses of meeting places).

Susan Kofahl of Mid-Columbia has agreed to replace Tammy Maurer as Vice President. Tammy has moved out of the state.

The first order of anniversary pins has been sold. More will be available soon. New notecards should be ready for the Christmas market. Remember that T-shirts and posters also make nice gifts.

It was decided that participation in the State Fair be put on hold for this coming year.

The Annual Meeting will be hosted by the Portland Chapter. The date will be decided later.

Sale of membership lists and advertising in the Bulletin brought mixed opinions from the chapters. Frank Lang will submit criteria for the sale of lists and for advertising; sales will go only to persons or companies who offer something of interest to our membership.

Stuart Garrett, High Desert Chapter, is asking that our Bulletin publish more research articles. Manuscripts from graduate students and others will be welcomed.

Dan Luoma, Corvallis Chapter, will chair the budget committee. Items to be in the budget must be submitted now for consideration.

The idea of a National Native Plant Society was presented to the Board. More information is needed on this issue.

The January Board Meeting will be held in Corvallis on January 10th...with that decision the meeting was adjourned just before three o'clock and in time for some to go to Sun River to see the Nature Center developed by David Danley. It features alpine, desert and grass communities. Stuart Garrett reported that this was a well done project. Consider visiting it when you are in the area.

Florence Ebeling, Secretary

A walk in the woods in November provides a good opportunity to become acquainted with a fascinating group of plants, the clubmoss family, or Lycopodiaceae. These small evergreens are fairly common in area woodlands.

Clubmosses are among the earliest vascular plants (that is, plants which are characterized by a system of specialized conductive and supportive tissue) on earth. Fossil records indicate that relatives of the clubmosses were in existence during the Carboniferous era.

The ancient clubmosses were tall, treelike species. Along with giant horsetails, tree ferns, and other plants, they formed vast forests which ultimately became coal deposits and oil fields. Today's clubmosses are minute by comparison to their early relatives. It's exciting to try to imagine an ancient world filled with plants of this same structure, but on a vast, gigantic scale.

Clubmosses are evergreen perennial plants that grow either upright or have a trailing or creeping growth habit. They have numerous small leaves that are compactly crowded around the stem. The leaves are simple, entire, and stalkless. The leaves on most species are quite pointed and some may have a bushy tip.

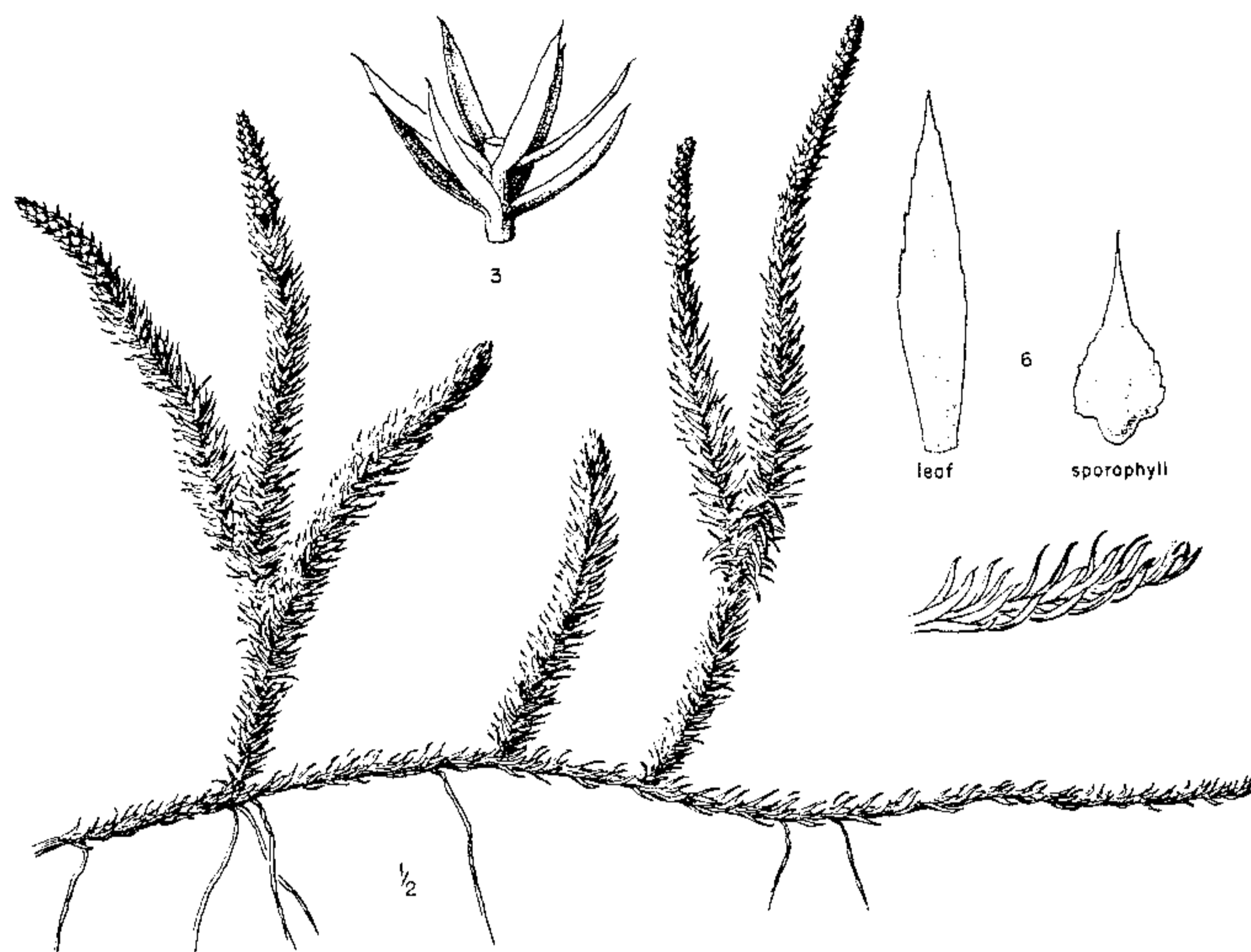
Another common name for clubmoss is "running pine", appropriate because running is a common method of propagation. The root-stock runs either above or below the ground and spreads the initial colony.

Actual reproduction for all species of clubmoss is accomplished through the production of spores. The clubmosses are "homosporous", having one type of spore, neither male nor female. The spore cases are commonly borne in small cones, or strobili, which are often arranged in clusters at the ends of the stems.

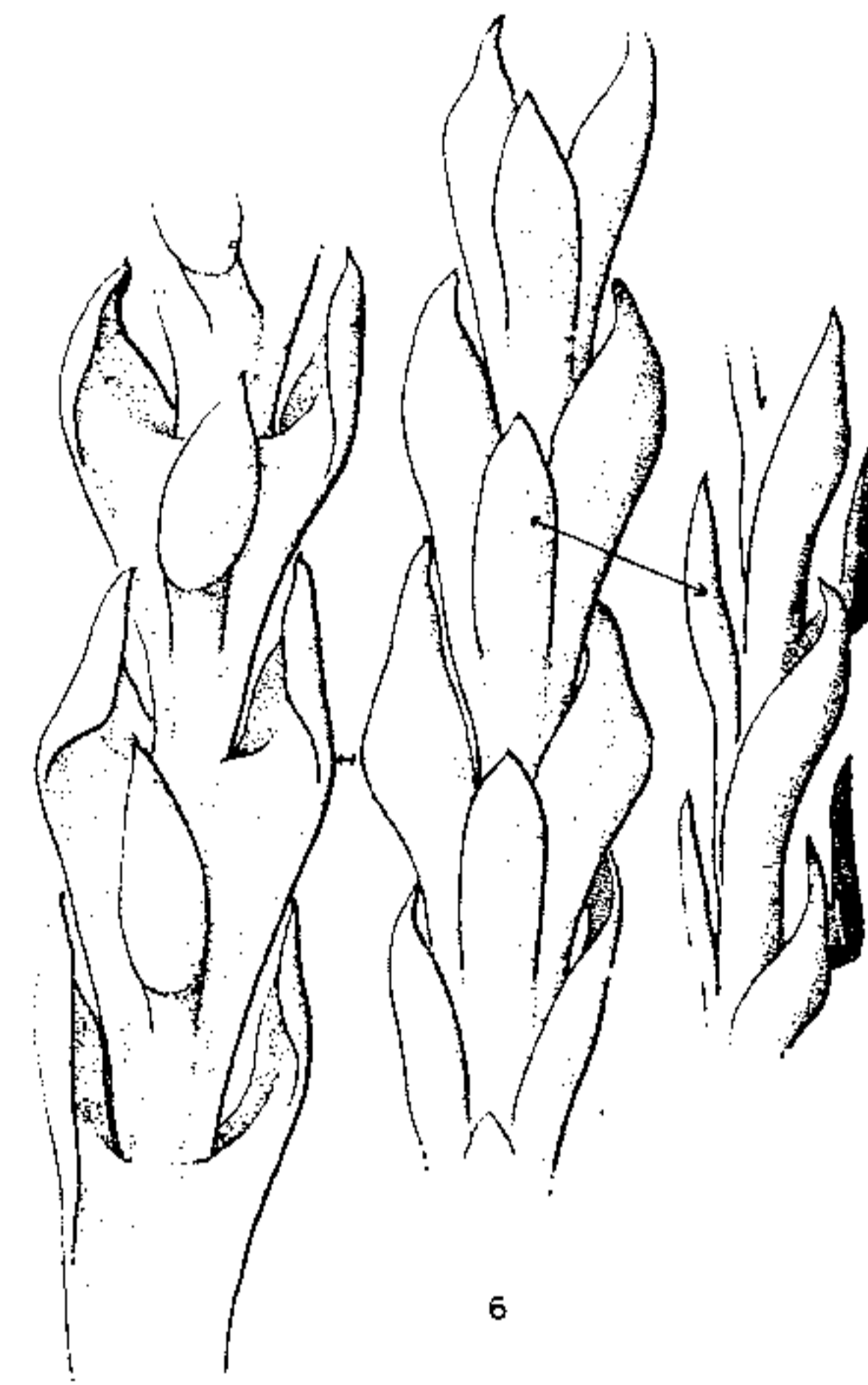
Vast numbers of spores are produced. They usually become ripe in late summer and early fall. If you have access to a microscope, you may enjoy examining the spores more closely. They are usually yellow to yellowish-brown and somewhat kidney-shaped.

These spores have been used historically in a number of ways. Perhaps the best known use was as a flash powder for early photographers. In addition, the minute dust-like spores have been used to coat pills, as a soothing powder for cuts and scratches, and in making microscopic measurements. The leaves of certain clubmosses have been used as mordanting agents in wool-dyeing.

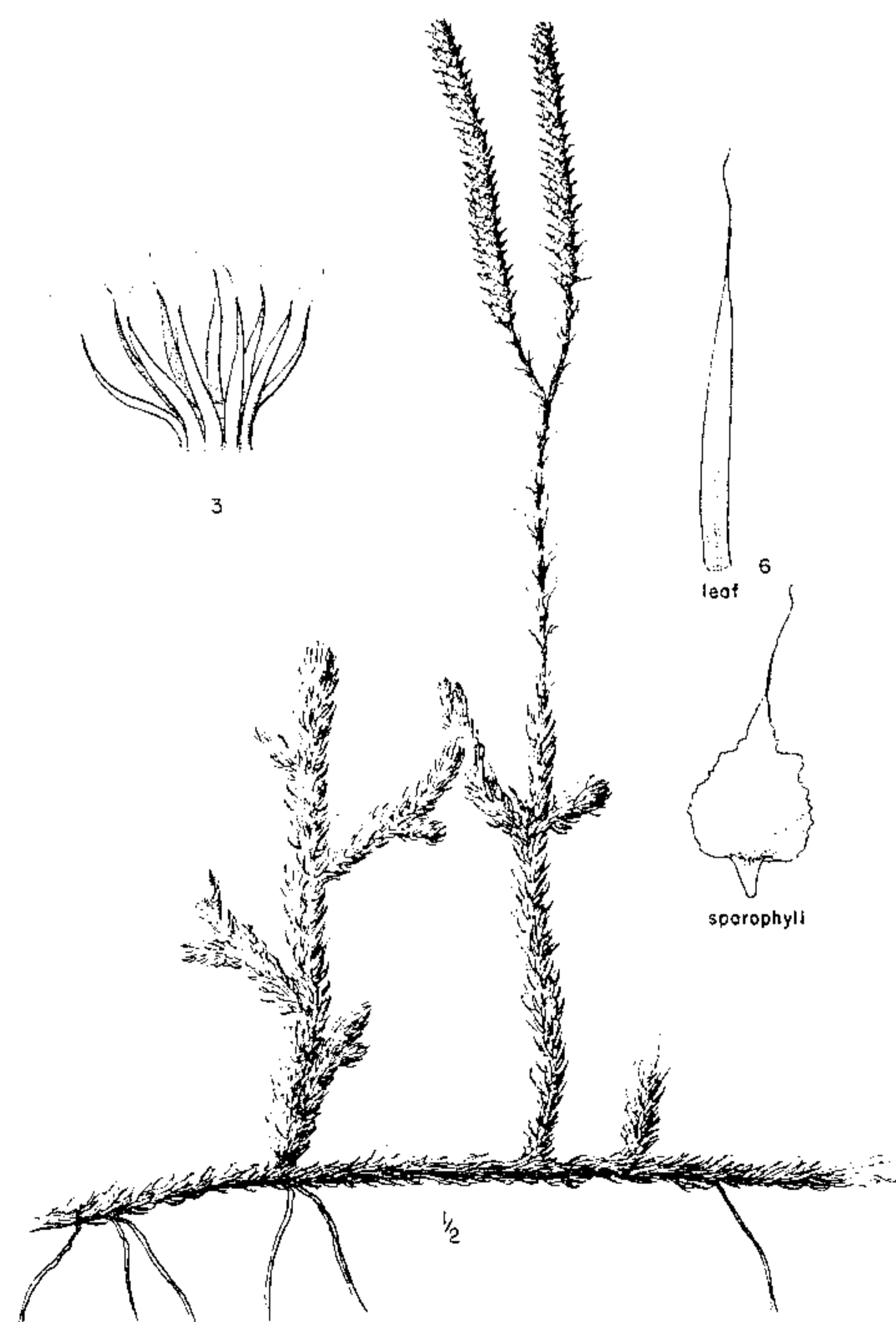
Reproduction of a clubmoss by spores can be a time-consuming event. First, the spores must find a suitable habitat. Some must work their way below the ground's surface. The gametophyte, the form which characterizes the next phase in the life cycle, may take as many as seven years to develop. In turn, the gametophyte may take an equally long time or even longer to develop into the new plant, the part we see above ground. Thus, the time from



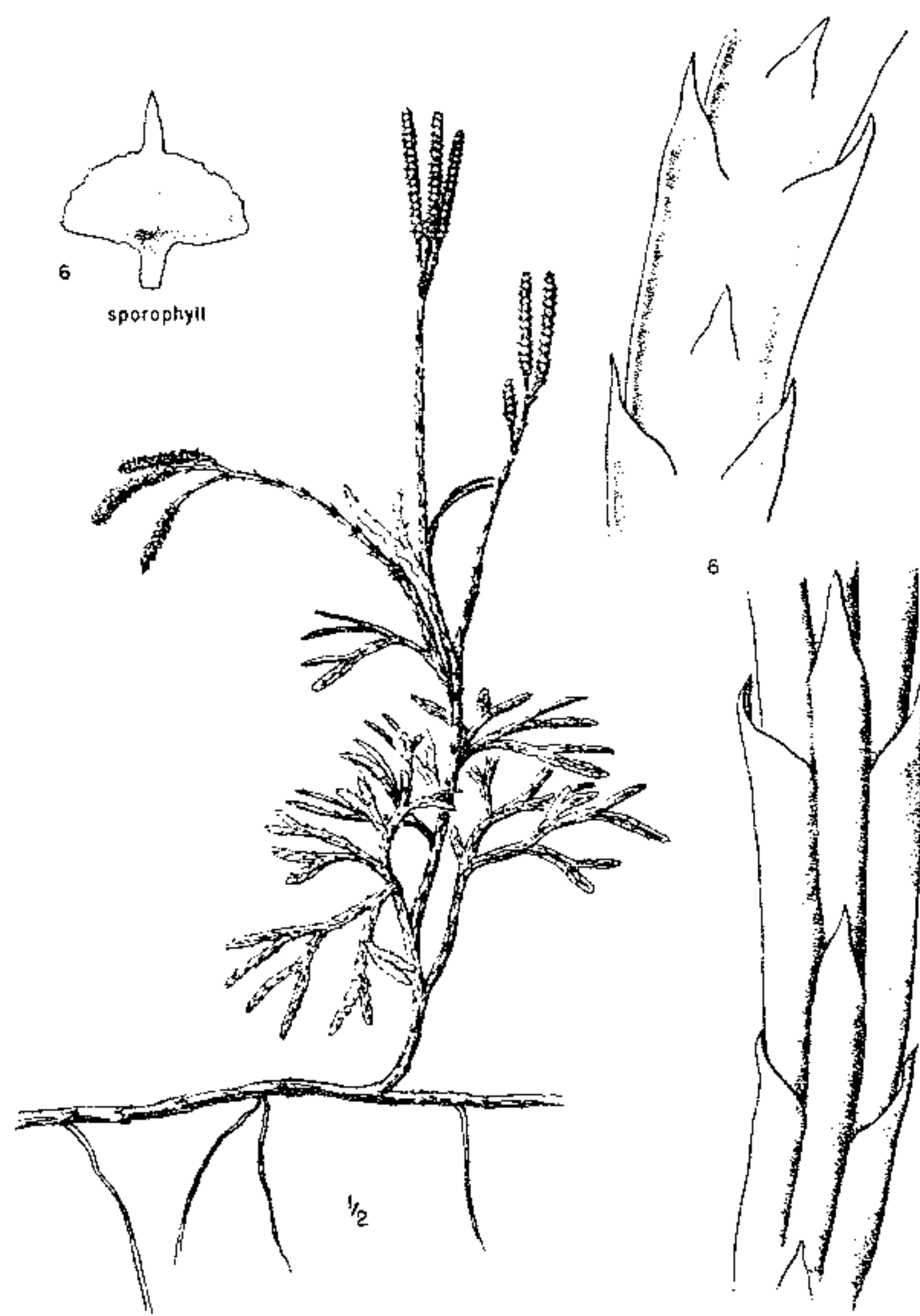
L. annotinum



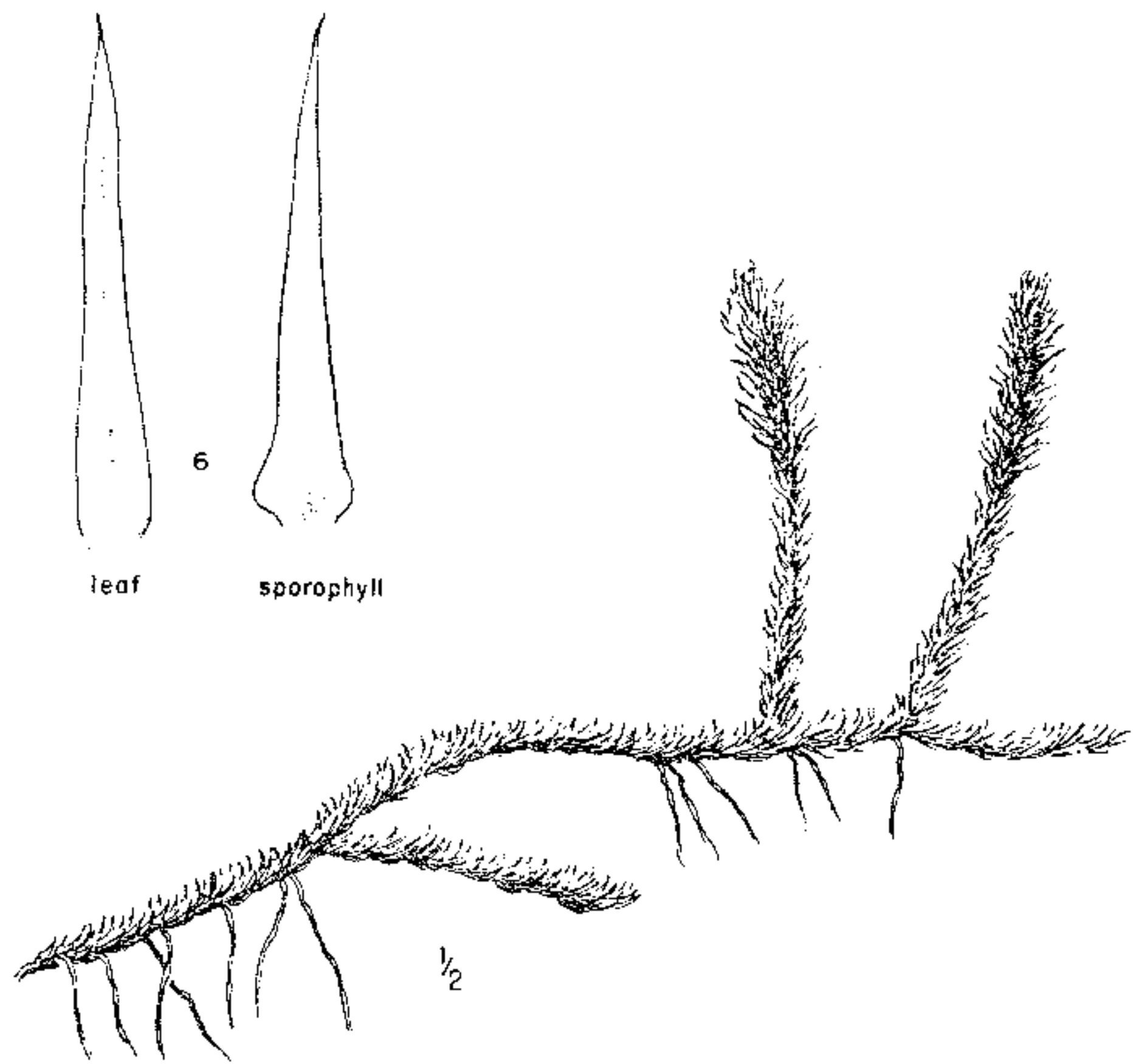
Lycopodium alpinum



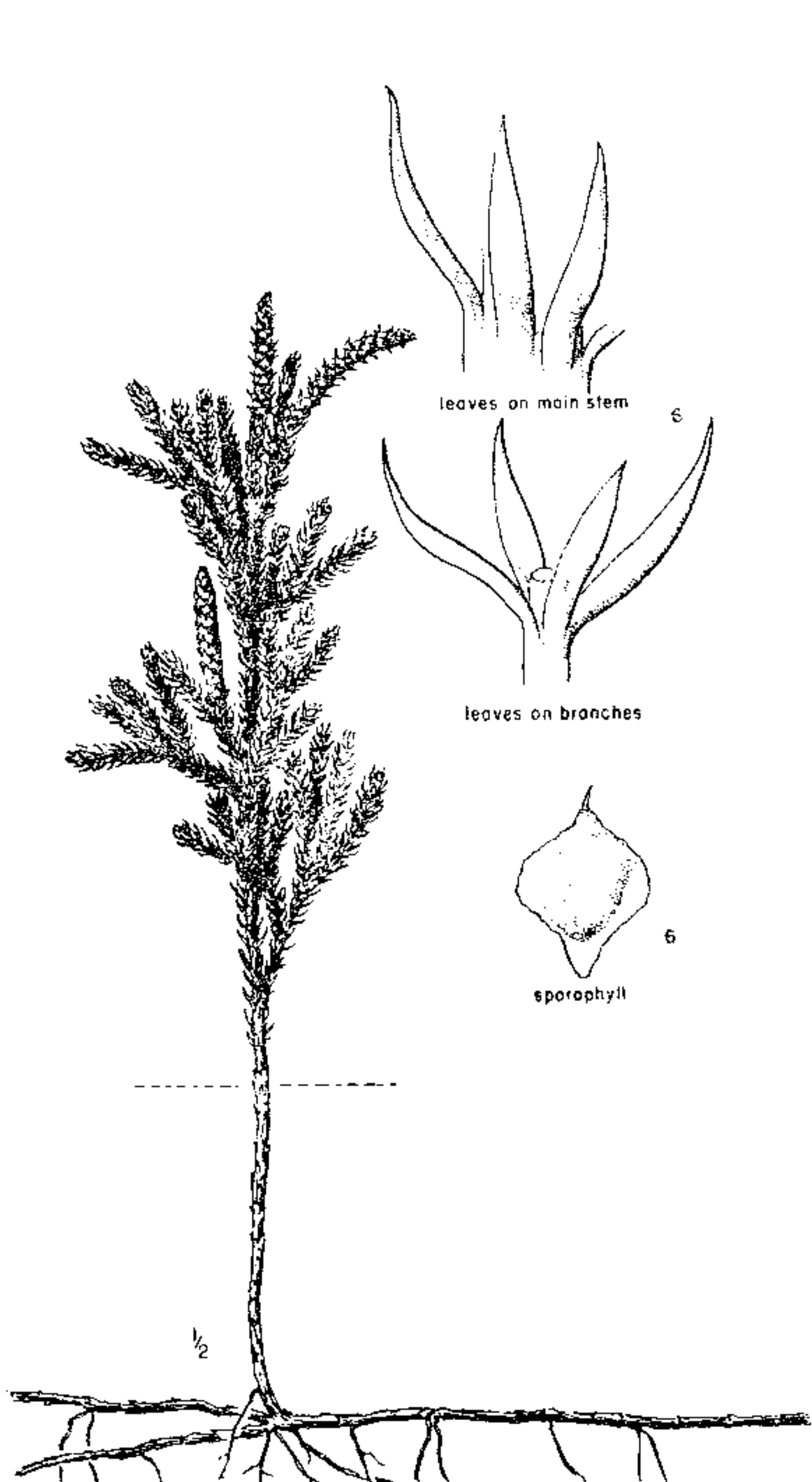
L. clavatum



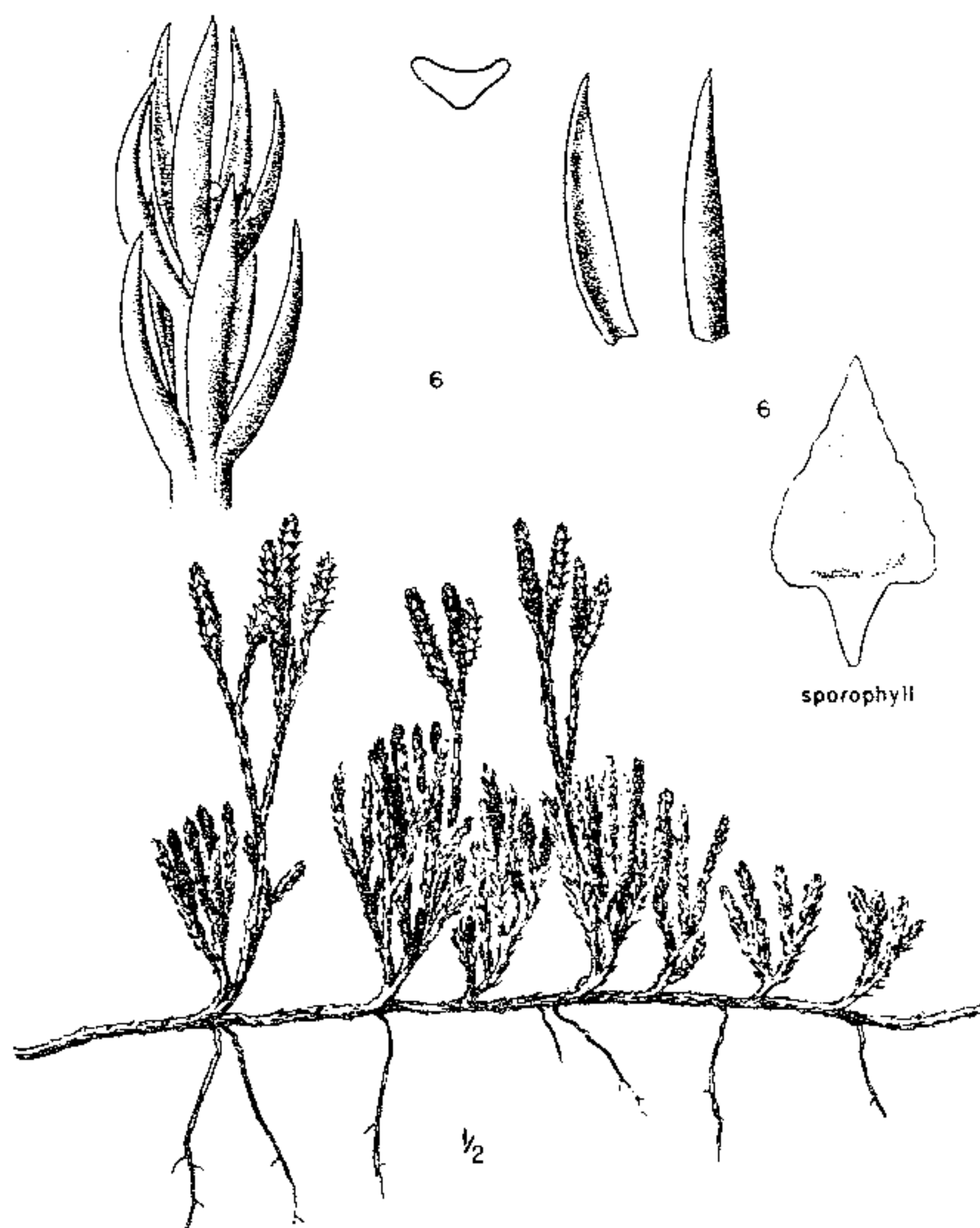
L. complanatum



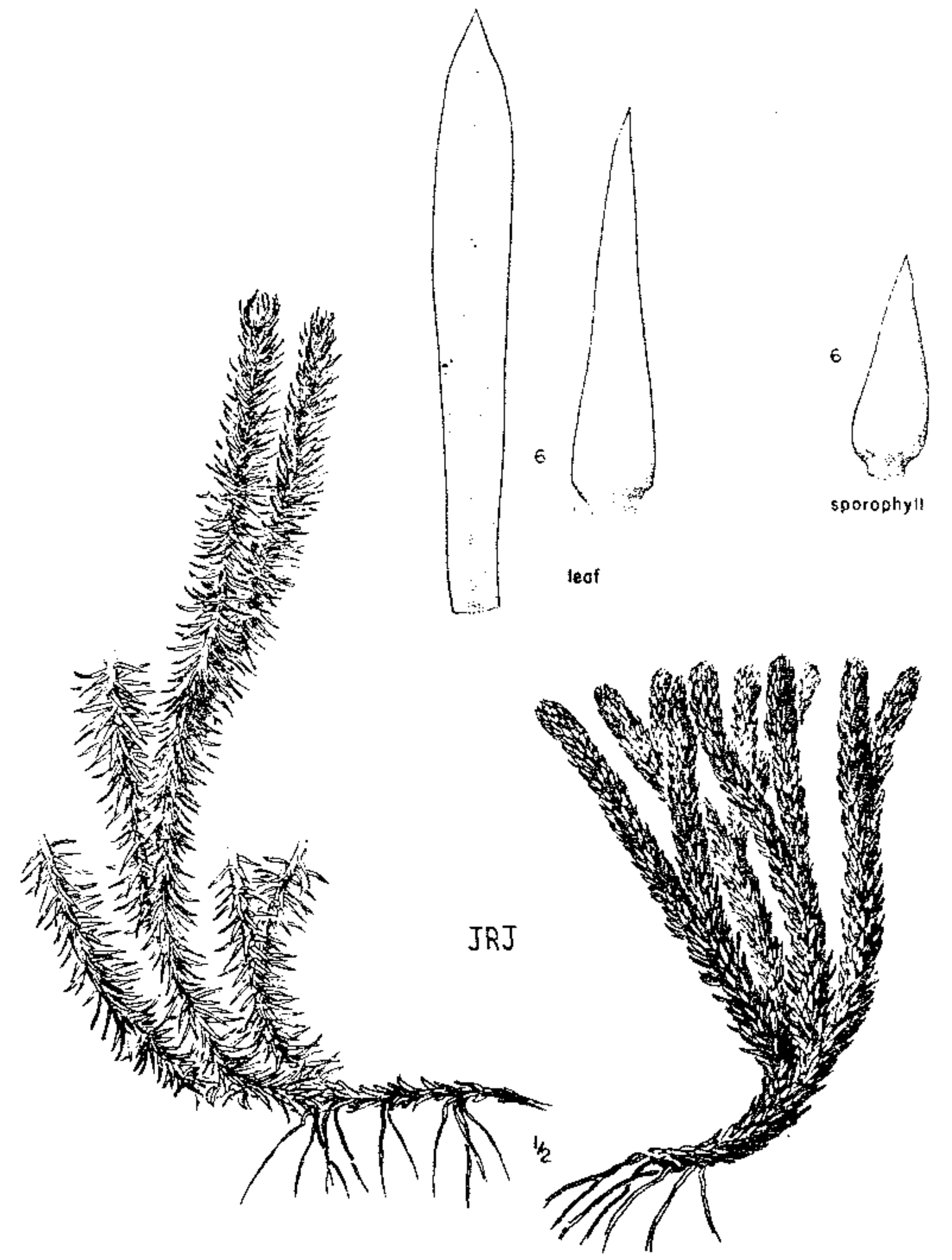
Lycopodium inundatum



L. obscurum



L. sitchense



L. selago

spore to mature plant may span as many as 20 years. Development times can vary widely among the different species.

There are eight species of clubmosses present in [the Northwest], thus making it quite possible to recognize all the members of this plant family growing here. Some are fairly common and others, such as the bog clubmoss (Lycopodium inundatum), are found only in specialized habitats.

The species that are found in the Northwest are Lycopodium obscurum, L. inundatum, L. selago, L. annotinum, L. clavatum, L. sitchense, L. alpinum, and L. complanatum.

All the species are attractive ground covers, but rarely can they be successfully transplanted into the garden. Therefore, they should be strictly left alone in the wild. Several are collected rather ruthlessly for commercial purposes and are becoming rare in areas where they were abundant at one time. Some clubmosses are used in holiday decorations. This practice should be discouraged.

The clubmosses are truly extraordinary plants. In observing these living fossils, with their strange and primitive forms and reproductive cycles, we can still get a sense of what this planet was like millions of years ago.

(Most of this article appeared in the November, 1986, issue of The Columbine, the Operation Wildflower Newsletter.)

(Illustrations on this page are from Hitchcock et al., Flora of the Pacific Northwest; used with permission from the publisher.)

ENVIRONMENTAL LAW CONFERENCE IN MARCH IN EUGENE

David Brower, leading environmental activist and founder of Friends of the Earth, will be the keynote speaker at the Fifth Annual Western Public Interest Law Conference at the University of Oregon School of Law in Eugene, Oregon, on March 13-15, 1987.

The Conference is sponsored by the Western Natural Resources Law Clinic and Land, Air, & Water. Environmental lawyers and citizen group members from Alaska to Colorado, and from California to Canada, will take part in seminars and panels.

Workshops and seminars for the conference begin Friday, March 13, at 1:00pm and continue through noon on Sunday. Topics include Toxic Substances, Native American Rights, Forestry Issues, Getting Attorney Fees in Environmental Litigation, and Energy Issues for the Northwest. A social evening including environmental films is planned for Friday evening. Part of Saturday afternoon is set aside for recreation, while Saturday night will consist of a banquet featuring David Brower.

The Conference draws hundreds of people to exchange information and ideas, and make new contacts. One third are private and public lawyers engaged in environmental law; another third are citizens involved in federal and state agency appeals and other processes; a final third are law students seeking to enter the field.

Early registration for lawyers is \$20; registration at the door will be \$30 (a fee waiver based on need is available). Registration is free for everyone else. Lodging is available in law students' homes in Eugene for those with sleeping bags. CLE credit may be offered.

More information and registration materials will be available in January. Inquiries can be directed to the Western Natural Resources Law Clinic - L.A.W., School of Law, University of Oregon, Eugene, Oregon 97403 (503) 686-3823.

XERISCAPE: WORKING WITH NATURE

"Xeriscape" is the new word among those who want to landscape a home or business in a way that not only creates an attractive appearance but conserves water and energy. The word, which comes from the Greek "xeros", dry, refers to a program developed by the Denver Water Department and now in use in several states, including New York and Florida in the east.

One landscape practice basic to Xeriscaping, as described in Wildflower, the newsletter of the National Wildflower Research Center, is the use of plant materials with low water requirements. In many instances that means using native trees, shrubs, grasses, and wildflowers, which are adapted to the area's natural rainfall.

Other elements of the program are use of more efficient watering methods: preparation of the soil

to increase its ability to retain water; and use of mulches to reduce evaporation and inhibit weeds.

Water savings of 30 to 60 percent have been reported for Xeriscaped homes, and an increasing number of community groups are promoting the program. If you'd like to know more, write to Conservation Program, Denver Water Department, P.O. Box 80254, Denver, CO 80254.

(This article appeared in the Summer 1986 Bulletin of the Virginia Wildflower Preservation Society.)



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- T-Shirts Evelyn Everett
4135 Alder St., Eugene, OR, 97405; 345-1746

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 Carolyn Wright, Don Barr, Barbara Fox
 R/E Chair Jean Siddall
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 Conservation Chair Julie Kierstead
 11505 SW Summerville, Portland, OR, 97219; 636-4112
 Legislative Chair Esther McEvoy
 3290 SW Willamette, Corvallis, OR, 97333; 754-0893
 Desert Wilderness Coordinator Julie Kierstead
 11505 SW Summerville, Portland, OR, 97219; 636-4112

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 2424 Harris St., Eugene, OR, 97405;
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 361 NE Franklin, Bend, OR, 97701; 382-2681
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BULLETIN

Editor Jan Anderson
 1960 Lovejoy #2, Portland, OR, 97209; 248-9242

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 News, articles, photos, drawings, & non-copyrighted
 materials are welcomed.

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Type your own headline, centered, all caps.
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IN THIS ISSUE

Mazama Research Grant Information 121
A Brief of the October NPSO Board Meeting 123
The Clubmosses - Living Fossils 124
Xeriscape 126