BIBLIOGRAPHY OF AMERICAN PALEOBOTANY, 1962-1963

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of the
Paleobotanical Section,
Botanical Society of America
by
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INTRODUCTION

This issue continues the series of American paleobotanical bibliographies sponsored by the Paleobotanical Section, Botanical Society of America. It duplicates the format used in previous issues, but is slightly broader in scope. At the August, 1963 Business Meeting of the Paleobotanical Section, held at the University of Massachusetts, a motion was passed that papers of a general morphological nature by members of this Section should be included in this Bibliography; these appear in a separate section (Non-Fossil). It was also decided that completed theses be included, and these appear in an appropriate section of the Bibliography.

It is intended that this Bibliography include all references to paleobotanical papers (1962-63) by American authors, published in American journals, or dealing with American materials. However, omissions are impossible to avoid, and I would appreciate being notified of omissions or other errors so that they may be corrected in the next issue of the Bibliography.

I wish to thank Dr. H. N. Andrews, who provided me with the questionnaires used in preparation of the World Report. Thanks are also due to Drs. R. A. Scott and Gilbert Leisman, who provided assistance in duplicating and mailing the Bibliography.

Arthur D. Watt
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PERSONALIA

Henry N. Andrews, in the company of N. W. Radforth and Tom L. Phillips, spent parts of the past two summers on Ellesmere Island collecting Devonian fossils in the Goose Fiord area (1962) and working at Lake Hazen (1963). He plans to study at the Swedish Natural History Museum during the fall semester and on Feb. 1, 1965 he will join the staff of the University of Connecticut.

Harlan F. Banks will be at the University of Liege from January to July 1964, collaborating with Professor Suzanne Leclercq on Lower Devonian ferns from the Gaspé peninsula and Middle Devonian ferns from Belgium.

Charles B. Beck will spend a sabbatical leave of 7 months, from January to September, 1964, at the University of Reading, working with T. M. Harris.

Herman F. Becker is on leave from the New York Botanical Garden for one year as Visiting Associate Professor, Botany Department of the University of Michigan for the academic year 1963-64, teaching and doing paleobotanical research.

William S. Benninghoff announces that the palynological laboratory established and operated by himself since 1960 in the Great Lakes Research Division of the Institute of Science and Technology at the University of Michigan, was placed under the direction of Margaret Davis in June, 1963. Benninghoff continues to operate the palynological laboratory in the Department of Botany. In September, 1963 Benninghoff was designated Executive Secretary of the Ecological Society of America Committee on the International Biological Programme (Eugene P. Odum, Chairman), and handles exchanges of information concerning the IBP, which is now in the planning stage.

Paul A. Colinvaux collected samples for pollen analysis from the Pribilof Islands, Alaska during the summer of 1963. Samples include a 14 meter core from a lake on St. Paul Island, short cores from two lakes on St. George Island, and sections from four raised peat bogs found by Colinvaux on St. George Island. The investigation is aimed at discovering the vegetation of the southern coast of the Pleistocene Bering land bridge and to trace the history of the present limited flora of the Pribilof Islands.

Margaret B. Davis became Associate Research Botanist in the Great Lakes Research Division, Institute of Science and Technology, University of Michigan.

Theodore Delevoryas served as Chairman of the Paleobotanical Section, BSA, during 1962-63. He announces that the fossil plant collections of Yale University, under the jurisdiction of the Peabody Museum of Natural History, have been moved to new quarters in the recently completed Kline Geology Laboratory. These collections include the famous petrified cycadoid trunks. Paleobotanical colleagues are invited to visit and use these collections.
David L. Dilcher will be working as N.S.F. postdoctoral fellow with Dr. R. Krause at theSenckenberg Museum, Frankfurt am Main, Germany during 1964-65. He will continue work on the cuticular analysis of American Tertiary angiosperms and make critical comparisons between the American and European Tertiary angiosperms.

Erling Dorf received the Neil Miner Award for contributions to geological teaching, presented by the National Association of Geology Teachers at the November meeting of GSA in New York. Dorf was on sabbatical leave from Princeton University, October through December, 1963. He visited various museums and universities in Denmark, Norway, and Sweden studying fossil plant collections, consulting with colleagues, and presenting guest lectures.

O. C. Durham made a survey of wind pollinated plants by atmospheric pollen sampling at Oahu, Hawaii. He serves in a consulting capacity as a member of the Pollen Committee of the Research Council of the American Academy of Allergy.

Donald A. Regert is collaborating with W. S. Lacey of the University College of North Wales. Lacey is spending the year at Southern Illinois University as Visiting Professor in botany.

William R. Evitt has begun work under a 2-year NSF grant on a "Study of Cretaceous and Tertiary Dinoflagellates in California." He has completed a 1-year NSF project: "Palynological Survey of Certain Mesozoic-Tertiary Strata in California."

Richard H. Eyde is Acting Curator of the Division of Plant Anatomy, Smithsonian Institution, while Curator William L. Stern spends a year as F.A.O. Forestry Officer at the Forest Products Research Institute, Republic of the Philippines.

John W. Funkhouser was transferred to Bogota in August, 1963, to work on the stratigraphic palynology of Colombia.

Alan Graham has been working in E. S. Barghoorn's laboratory at Harvard University since September, 1963, on some Miocene pollen samples from the Republic of Panama.

Frank W. Hankins presented the British Museum of Natural History with over 50 specimens of identified fossil woods from Vantage, Washington.

Calvin J. Heusser spent 6 months in Chile with grants from the John Simon Guggenheim Memorial Foundation and Fulbright Program conducting research on late-Pleistocene phytogeography, climate, and chronology. He taught a 10-weeks course in palynology at the School of Geology in the University of Chile, Santiago. Heusser is offering a course in palynology in the Department of Geology at New York University during the current academic year, and will offer a 6-weeks course during the 1964 summer.
Francis M. Hueber is presently Associate Curator in Charge of the newly formed Division of Paleobotany, Department of Paleobiology, U.S. National Museum. He recently went to Scotland on a buying trip and purchased 1,000 pounds of choice Rhynie chert for the National collections.

Robert B. Halsman is establishing Texaco's first overseas palynological laboratory. He is also setting up zonations of the Tertiary primarily in Trinidad and expects to carry them through northern South America in the next few years.

Ronald O. Kapp is in Europe from April through August 1964 conferring with palynologists at the Subdepartment of Quaternary Research, Cambridge University, and at the Danish Geological Survey. The chief objective of the trip will be to visit and discuss some of the major interglacial sites in England and North Europe and discuss work on interglacial vegetation in North America.


J. Gordon Ogden, III was on leave during 1962-63 under a J. S. Guggenheim grant to study in pollen and radiocarbon laboratories at Cambridge, Copenhagen, and Bergen. He plans to establish a radiocarbon dating laboratory at Ohio Wesleyan University for study of sedimentation rates and pollen stratigraphy under a National Science Foundation Grant.

Patricia Faden, formerly of the University of Indiana, has joined the Sun Oil Company, Richardson, Texas, as a palynologist.

Loren C. Petry is botanist with the Cape Cod Museum of Natural History, Brewster, Massachusetts. He gave two lectures on the botany of Cape Cod in the Summer Interpretative Program of the newly established Cape Cod National Seashore, and visited four colleges in the Program of Visiting Biologists to Colleges of the American Institute of Biological Sciences.

James M. Schopf presented a new course in paleobotany in the Department of Geology at The Ohio State University during the spring of 1963. Emphasis was placed on functional history in evolution of the plant kingdom and on modes of preservation and fossil preparation. The course is planned for presentation in alternate years.

Richard A. Scott has been elected Chairman of the Paleobotanical Section, BSA, for 1963-64.

Paul B. Sears is back at Yale, with an office in Osborne Biological Laboratory, after several assignments as Visiting Professor since becoming emeritus in 1960.

R. L. Tabbert established a palynology laboratory for the Atlantic Refining Company during 1963-64.
Thomas N. Taylor is a National Science Foundation Postdoctoral Fellow-elect, Sept. 1, 1964-Sept. 1, 1965. He will spend the year at Yale University working with Theodore Delevoryas.

Jack A. Wolfe departed on a six-month trip through Europe, under NSF auspices, for the purpose of collecting Tertiary plants and studying collections in various museums.

Joseph M. Wood announces that a new paleobotany laboratory was opened at the University of Missouri in Sept. 1963. Renovation of the building and equipment were supplied by N.D.E.A., Title IV funds. Wood is Director of Program.

WORK IN PRESS AND IN PROGRESS

Aaron, Isador M.
Region of origin and routes of migration of the genus Liatrus.

Abbott, Maxine L.
Continued studies of the flora of the Upper Freeport (No. 7) coal in southeastern Ohio, supported by NSF grant 24301.

Agerter, Sharlene
(with Waldo S. Glock and Edward W. Gaines) Soil moisture fluctuations under two ponderosa pine stands in northern Arizona. Rocky Mt. Forest and Range Experiment Station, R. S. Forest Service.

Allen, Keith
Devonian microfossils.

Andrews, Henry N.
A paper dealing with a primitive coenopterid stem.
(with T. L. Phillips and N. W. Radforth) Study of two species of Archaeopteris from the Upper Devonian of Ellesmere Island.

Arnold, Chester A.
Plants in the fossiliferous chert from the Eocene Clarno formation of Oregon and in other formations of similar age. In progress.
Fossil members of the Osmundaceae and their relations to living members. (with Charles Miller, graduate student) In progress.
Revision of Pennsylvanian flora of Michigan. In progress.
Axelrod, Daniel I.
The Miocene Trapper Creek flora of southern Idaho, Univ. Calif.

Banks, Harlan P.
Flora of Devonian black shales (Banks and J. D. Grierson).
Anatomy of Devonian lycopsids (Grierson and Banks).

Barghoorn, Elso S.
(with C. A. Kaye) Late Quaternary sea-level change and crustal rise
at Boston, Massachusetts, with notes on the autocompaction of
peat. In press (GSA Bull.).
Microorganisms of Middle Pre-Cambrian age from the Animikie series,
of exobiology").
(with Grace Brush) Carboniferous fructifications and their contained
spores. In press (Jour. of Paleo.).
Evolution of cambium in geologic time, in "The formation of wood in
Further studies of the paleontology of Pre-Cambrian fossiliferous
rocks. In progress.
Studies on the sedimentary history and palynological record of the
"late-glacial" and "post-glacial" sediments of the Gatun Basin,
Panama. In progress.
(with Jean Langenheim) Study of botanical origin of Chiapas, Mexico
amber, its ecological implications and extension of chemical
studies, particularly, to modern and fossil resins of diverse
sources. In progress.

Basson, Phillip W.
Doctoral research re-doing David White's study of the megafossils
of the Pennsylvanian of Missouri in regard to obtaining better
representation of the flora over a much wider area. In progress.
(with J. M. Wood) Study of a Microcodium-like fossil from the
Devonian of Missouri. In progress.

Baxter, Robert W.
Stelastellara parvula, a new genus of unknown affinities from the
Gametophytes of Cardiocarpus spinatus. In progress.
A new heterosporous Lepidostrobus. In progress.
Callistophyton in Kansas coal balls. In progress.
Further investigations of Mesoxyylon birame and Cardiocarpus
magnicellularis. In progress.
Beck, Charles B.
Predominance of Archaeopteris in the Upper Devonian flora of the western Catskills and adjacent Pennsylvania.
The woody, fernlike trees of the Devonian.
Plants of the New Albany shale. III. A comparative study of Callixylon (with G. K. Kumar).
Morphology and anatomy of the root and shoot systems of a specimen of Ginkgophyton.
Morphology and anatomy of the frond of Archaeopteris.

Becker, Herman F.

Benninghoff, William S.
Atmospheric transport of pollen at Third Sister Lake, Washtenaw County, Michigan. In progress.

Berry, E. Willard
Gondwana spores of world. In progress.

Blincke, Arthur H.
Study of possibly the largest extant collection of Psaronius.
A unique nodular flora from near Meigs Creek Coal, Athens, Ohio.

Bonamo, Patricia
Hyenia-Calamophyton.
Brush, Grace S.
(with E. S. Barghoorn) The natural relationships of some Carboniferous
Microspores. In press (Jour. Paleo.).
(with P. H. Walker) Observations on Bog and Pollen Stratigraphy of
Experiments on the sedimentation of pollen. In progress.

Burbridge, Patricia P.
Study of the small spores of the surface Springer formation of
southern Oklahoma.

Cahoon, Elizabeth J.
Pollen and Spores from the Inyan Kara Group of the Black Hills. (PhD
thesis in progress).

Carluccio, Leeds M.
Archaeopteris, particularly the anatomy.

Clendening, John A.
(with W. H. Gillespie) Bibliography and index of West Virginia
Library).
(with W. H. Gillespie) Characteristic Small Spores of the Pittsburgh
Acad. Sci., v. 35).

Colinvaux, Paul A.
A monograph on "The environment of the Bering Land Bridge." In
progress.
A paper on the pollen history of St. Lawrence Island, Alaska. In
progress.

Cushing, Edward J.
Further studies of the Late Pleistocene pollen stratigraphy and
paleobotany of Minnesota and Illinois. Pollen morphology of
species of Pinus. In progress.

Davis, Margaret B.

Davis, M. R.
New genus of Psilopsida from Gaspé.
Delevoryas, Theodore
Two petrified angiosperms from the Upper Cretaceous of South Dakota. In press (Jour. Paleo.).
A probable pteridosperm microsporangiate fructification from the Pennsylvania of Illinois. In press (Palaeontology).
Ontogenetic studies of fossil plants. In press (Phytomorphology).

Dilcher, David L.
A comprehensive report on Eocene epiphyllous plants found in western Tennessee. In progress.

Dorf, Erling
Lower Devonian plants from the Bighorn Mountains, Wyoming. In progress.
Cretaceous plants from Labrador. In progress.
Eocene Floras of the Yellowstone region. In progress.

Drugg, Warren S.
Palynology of the Dos Palos formation (Maestrichtian and Danian), California. Assemblages include hystrichospherids, dinoflagellates, spores, and pollen.

Eggert, Donald A.
The question of the phylogenetic position of the Coenopteridales. In press (Torrey Bot. Club Mem.).
On the fertile parts of Ankyropteris glabra (with T. N. Taylor) In progress.
(with W. S. Lacey) A Mississippian florule (Chesterian) from Southern Illinois. In progress.
(with F. A. Hibbert) Anatomical studies of Cordaitean stems.
1. Cordaitean stems from the Middle Pennsylvanian of Illinois. In progress.
Study of the morphology and anatomy of Zygopteris. In progress.
Study of the foliage of a species of Ambachoropteris from the Upper Pennsylvanian of Illinois (with T. Delevoryas). In progress.

Engelhardt, Donald W.
Pollen and spores from the Cockfield lignite, Mississippi. In progress.
Pollen Analysis of a Yarmouth Interglacial peat, Indiana. In progress.
Evitt, William R.
The archeopyle in dinoflagellates.
Tabulation and wall structure in fossil dinoflagellate Deflandrea.
Ophiobolus lapidaris O. Wetzel and its supposed fossilized flagella.
Morphology and new species of the Cretaceous dinoflagellate Gillinia.
Dinoflagellates and their use in petroleum geology.
Dinoflagellates and other organisms in palynological preparations.

Eyre, Richard H.
Comparative anatomy of flowers and fruits of Comnaceae and allies.

Felix, Charles J.
Neogene Tasmanites and leiospheres from southern Louisiana. In press.
Spore floras of the lower Pennsylvanian from southeastern Kentucky
and southwestern Virginia. In progress.
The small spores of the surface Springer formation of southern
Oklahoma (with Patricia Burbridge). In progress.
Spores of the living and fossil Salviniaceae (with Patricia Paden).
In progress.

Gillette, Norman J.
Middle Devonian fossil beds of Central New York.

Glock, Waldo S.
(See Agerter, Sharlene).

Graham, Alan
Miocene pollen samples from the Republic of Panama.

Habib, Daniel
Fossil spore and pollen distribution in the Lower Kittanning coal
and Hamden shale. (PhD. dissertation in progress.)

Hall, John W.
Megasporites and other fossils from the Dakota Formation (Cenomanian)
of Iowa. In press (Follen et Spores).
Megasporites and other fossils from the Magothy Formation. In progress.
A re-examination of Chrysotheca and Spermatites from certain
Cretaceous deposits. In progress.

Hansen, H. P.
Pollen analysis of a deep sedimentary column from Lake Washington,
Seattle. In progress.

Heusser, Calvin J.
Working up the results of laboratory study of twelve sections of
Chilean Pleistocene sediments. In progress.
A catalog of modern Chilean pollen and spore types. In progress.
Hires, Clara S.

Hoxie, L. R.
One Oligocene and three Miocene floras; work in various stages of progress.

Hueber, Francis M.
Description and Revision of the Lower Devonian flora of Gaspé and New Brunswick, Canada.
Revision and reconstruction of Psilophyton princeps var. ornatum Dawson 1871.
Redescription of Psilophyton princeps Dawson 1859.
Comparative studies of the Lower Devonian flora from the Sextant Formation, Abitibi River, northern Ontario, Canada.

Jablonski, Eugene
Euphorbiaceae for the "Traité de Paleobotanique."
Revision of Euphorbiaceae of the Guayana Highland.

Jansonius, Jan
(with Staplin) vide Staplin.
(with Staplin) Late Paleozoic saccate pollen. In progress.
(with Staplin and Pocock) vide Staplin.
New genera of Chitinozoa. In progress.

Johnson, J. Harlan
Fossil algae from Guam. In press (U.S.G.S. Prof. Paper 403).
Fossil algae from Ishigaki. In press (U.S.G.S. Prof. Paper).
Late Devonian algae from New South Wales. In press (Jour. Paleo.).
Paleocene algae from Iraq. In press (Micropaleontology).
Miocene algae from Iraq. In press (Micropaleontology).
Late Cretaceous and Tertiary algae from Greece. In press (Jour. Paleo.).
Fossil algae from Guatemala. In progress.
Early Tertiary algae from Borneo. In progress.
Paleocene algae from Okinawa. In progress.
The Cambrian algae, a review. In progress.

Kaplan, Donald R.
A problem of the floral ontogeny and embryology of the genus.
Downingia (Campanulaceae). (PhD dissertation in progress).

Kapp, Ronald O.
(with A. M. Gooding) Pleistocene vegetational studies in the Whitewater basin, southeastern Indiana. In press (Jour. Geol.).
Koob, John D.
The pollen and spore flora of the Pekin, Cumnock (Cumnock and Gulf coal seams), and Sanford formations, Triassic Newark series of North Carolina. (PhD thesis in progress).

Kosanke, Robert M.
Palynological investigations of Pennsylvanian rocks of Kentucky.
In progress.

Langenheim, Jean H.
Botanical origin of amber and its included plant remains from Chiapas, Mexico. In progress.

Leisman, Gilbert A.
A new herbaceous sphenophyll, Mesidiophyton paulus gen. et sp. nov.
A study of lagenostomean seeds contained in coal balls from southeastern Kansas.
The detailed structure of the cone of Peltastrobos reedae.
A new species of Physochona from Kansas coal balls.
The cone and vegetative structure of Spencerites moorei.
A floristic survey of Kansas coal ball horizons in terms of community and other ecological implications.

Livingstone, D. A.
IN PRESS;
The pollen flora of submarine sediments from Nantucket Shoals (Am. Jour. Sci.).
The sodium cycle of the hydrosphere (Vern. Int. Ver. Limnol.).

MacGinitie, H. D.
Study of the Eocene floras in Colorado, Utah, and Wyoming.

Maher, Louis J., Jr.
Pollen analyses of surface materials from the southern San Juan Mountains, Colorado. In press (GSA Bull.).

Mamay, Sergius H.
Upper Paleozoic floral zones and floral provinces in the United States.
(with C. B. Read). In press (U.S.G.S. Prof. Paper 454-K).
American Gigantopteridaceae. In progress.
Permian Noggerathiales, southwestern United States. In progress.
Permian (Wolfcampian and Leonardian) floras, southwestern United States. In progress.
Martin, Paul S.
Pollen content of prehistoric feces from Utah. In progress.
Pollen statistics, metastability, and Wisconsin climates of the
Wilcox Playa (with J. E. Mosimann). In progress.
Vegetative map of Arizona and New Mexico, 20,000 years ago. In
progress.

Matten, Lawrence
New fern-pteridosperm axes from the upper Devonian.

McGregor, Duncan Colin
Devonian spores from the Ghost River Formation, Alberta. In press
(Geol. Surv. Canada Bull. 109).
Study of Early and Middle Devonian spores of the Gaspé.
Peninsula and northern New Brunswick. In progress.

Miller, Charles M., Jr.
Proposal to conserve Osmundites Unger (1854) over Osmundites Jaeger
(1827). In press (Taxon).

Moseley, Maynard F.
The floral anatomy of Nuphar at anthesis. In progress.
Development of the flower of Nuphar.

Newman, Karl R.
Palynologic Correlations of Late Cretaceous and Paleocene formations,
Upper Cretaceous-Paleocene palynomorphs from northwestern Colorado.
In progress.

Ogden, J. Gordon, III
Forest history of Delaware County, Ohio. In press (Ohio Jour. Sci.).
Pleistocene pollen records of eastern North America. In progress.
Forest history of Ohio: radiocarbon dates and pollen.
Stratigraphy of Silver Lake, Logan County, Ohio. In progress.

Ortiz-Sotomayer, Alida
Oligocene cone of Pinus (Pityostrobus).

Oltz, Donald F., Jr.
Palynological study of Cretaceous sediments in Garfield County,
Montana. In progress.

Faden, Patricia
Spores of the living and fossil Salviniiaceae. In progress.

Peppers, Russel A.
Spores in strata of Late Pennsylvanian cyclothsms in the Illinois
Pierce, Richard L.
Palynology of the Kenae Formation (Oligocene?), Alaska. In progress.

Pocock, Stanley A. J.
Pollen and spores of the Chlamydomperidae and Schizaeaceae from
Upper Mannville strata of the Saskatoon area, Saskatchewan,
Canada. In press (Grana Palynologica).
Jurassic palynology of Western Canada. In progress.

Read, Charles B.
The Lower Pennsylvanian floras of Illinois and adjacent states. In
progress.
Upper Paleozoic Floral Zones and Floral Provinces of the United
States (with S. H. Mammay). In press (U.S.G.S. Prof. Paper 454-K).

Rezak, Richard
Classification and Environmental significance of algal stromatolites
(with B. W. Logan and R. N. Ginsburg). In press (Jour. Geol.).
Description of the occurrence of Dimorphosphon sp. Hoeg in the
middle Ordovician of Montana. In progress.

Schopf, James M.
Organization and affinity of Vertebraria. Abstract in press.
Paleobotanical studies in Antarctica. Abstract in press.

Sears, Paul B.
Continuing study of Nebraska Sandhill lake sediments in collabora-
tion with J. G. Osgden and Harry Tourtelot.

Smiley, Charles J.
Continuing work on systematic and stratigraphic paleobotany, arctic
Cretaceous floras.

Smith, Helen V.
How to know the Mushrooms and other fleshy fungi (with Alexander H.
Smith). In progress.

Staplin, Frank L.
(with J. Jansonius) Elucidation of some Paleozoic densospores. In
(with J. Jansonius and S. A. J. Pocock) Discussion and classification
of some fossil acritarchous hystrichosphere genera. In progress.
Vide Jansonius.
New Devonian spores. In progress.

Stingelin, Ronald W.
Palynological analyses of northern high level peat bogs in the
Appalachians in a transect across the glacial front. In
progress.

Tabbert, R. L.
Cretaceous of northern Alaska.
Taylor, Thomas N.
The Peel Technique (Handbook of Paleontological Techniques, W. H. Freeman Co.) (with W. N. Stewart). In press.
Revision of the Paleozoic seed genus Pachytesta. (Thesis in progress).
The Paleozoic seed genus Conostoma. (Monograph in progress).
The fertile parts of Ankyropteris glabra (with D. A. Eggert). In progress.

Terasmæ, J.
(with O. L. Hughes) SIPRE ice-corer for obtaining samples of frozen peat. In press (Arctic 16:4).
(with W. Harrison, R. J. Malloy and G. A. Rusnak) Late-Pleistocene uplift, Chesapeake Bay entrance. (Terasmæ—palynological study of submerged, C-14 dated peat beds.) In press.
Three C-14 dated pollen diagrams from Newfoundland, Canada. In press. (Advancing frontiers of plant sciences. New Delhi, India.)
Pollen deposition in lakes and bogs near Ottawa, Ontario. In progress.
Survey of air-borne pollen in the Canadian arctic. In progress.
Palynological study of surficial deposits in the Strait of Georgia region, British Columbia. In progress.

Ting, William S.
(with C. Tseng and M. Mathias) Pollens of the Hydrocotyleaeae. In progress.
The determination of Pinus species by Pollen Statistics. In progress.
Pollen studies of the Merced formation (with D. I. Axelrod). In progress.

Trotter, Charles L.
Palyno-botanical and stratigraphic studies of three lignite drill cores (Paleocene) from Harding County, South Dakota. In progress.
Tschudy, Robert H.  
A new Cretaceous species of *Azolla*. In progress.

Upshaw, Charles F.  
(with W. B. Creath) Pennsylvanian miospores from a cave deposit in Devonian limestone, Callaway County, Missouri. In progress.

Wood, Joseph M.  
The Stanley Cemetary Flora (Early Penn.) of Greene County, Indiana. In press (Indiana Geol. Survey Bull. 29).  
A Microcodium-like entity from the Upper Devonian of Missouri. In progress.  
A hitherto undescribed alga from the Devonian-Miss. of Missouri. In progress.  
A Pennsylvanian flora, preserved in ironstone concretions. In progress.  
A recently discovered megafossil flora from the Cheltenham (Penn.) of Missouri. In progress.

Wright, H. E., Jr.  
(with T. C. Winter and H. L. Patten) Two pollen diagrams from southeastern Minnesota: problems in the regional late and postglacial vegetational history. In press (GSA Bull., v. 74).  
(with H. L. Patten) The pollen sum. In press (Pollen et Spores).  

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Obituaries


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Catalog of fossil spores and pollen. The Pennsylvania State University, University Park.


Methods and Techniques


General:


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(Abstract).


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11(1 and 2):19-22, 1 pl.

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Fossils, Devonian of Western Canada. Canada Geol. Survey Paper 62-4:
2, 34-35.

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299-303, 1 pl.

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5-9, 1 pl.

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de la Provincia de Buenos Aires (*Lanceolatus bonariensis* sp. nov.)
con consideraciones sobre la nomenclatura de fructificaciones de

Peck, R. E. and Ewer, J. A. 1963. Pennsylvanian, Permian and Triassic
100-101.

1963. Representatives of *Chovenella*, a Devonian charophyte,

Rich, Mark. 1962. Mississippian stigmarian plant fossil from southern

Schopf, J. M. 1962. A preliminary report on plant remains and coal of
the sedimentary section in the central range of the Horlick Mountains,
Antarctica. The Ohio State Univ. Research Foundation, RF 1132, Inst.

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Schramm, M. W. 1963. Oolites and algal aggregates of the West Spring
Creek Formation (Ordovician), Arbuckle Mountains, Oklahoma. Oklahoma
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Tertiary-palynology


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Theses


