



EPIGRAPHS

LASTLY CHOSEN FIRST LINES FROM WORKS IN THE FARLOW LIBRARY

O JEHOVA,

Quam ampla sunt Tua Opera!

Quam sapienter Ea fecisti!

Quam plena est Terra possessione Tua!

DAVID Psal. CIII 21

Linnaeus, Systema Natura, 1767

O Lord,
How manifold are thy works!
In wisdom hast thou made them all!
The earth is so full of thy riches.

And he gave it for his opinion that whoever could make two ears of corn or two blades of grass to grow upon a spot of ground where only one grew before, would deserve better of mankind, and do more essential service to his country than the whole race of politicians put together.

Jonathan Swift

P. Holliday, Fungal Diseases of Tropical Crops, 1980

Et d'où savez-vous que la sensibilité est essentiellement incompatible avec la matière, vous qui reconnaissez l'essence de quoi que ce soit, ni de la matière, ni de la sensibilité? Entendez-vous mieux la nature du mouvement, son existence dans un corps, et sa communication d'un corps à un autre?

*Entretien entre d'Alembert
et Diderot, 1830*

H. Van Den Ende, Sexual Interactions in Plants: The Role of Specific Substances in Sexual Reproduction, 1976

And how do you know that sensibility is essentially incompatible with matter, you who understand the essence of neither matter nor sensibility? Do you understand the nature of movement, its existence in a body and its communication from one body to another?

Tot generibus Erbarum, utilitatibus hominum aut voluptatibus gentis recensitis, quanto plura restant, quanto que mirabiliora inveniu ! PLIN., Hist. nat. Lib. 22 Proœm.

M. Adanson, Familles des Plantes, 1763

We study all kinds of plants either because they are useful to mankind or because they provide pleasure. The more we study them, the more reward we derive from our discoveries.

*Willst du dich am Ganzen erquicken,
So musst du das Ganze im kleinsten
erblicken.*

*Benutze redlich deine Zeit,
Willst was begreifen, such nicht weit.*

T.H. Macbride, The North American Slime-
Moulds, 1899

If you would revive the Whole,
You must behold the Whole in its smallest part.

Use your time honestly,
What you would grasp, seek not afar.

Duly twice a morning
Would I be sprinkling it with fountain water.
At last it grew, and grew, and bore, and bore,
Till at length,
It grew a gallows

C.L. Duddington, The Friendly Fungi: A
New Approach to the Eelworm Problem,
1957

*De l'amélioration ou du déclin de l'agriculture
datent la prospérité ou la décadence des em-
pires.*

Napoléon III, 1857

H.C.F. Hamel, Traité sur les Maladies des
Plantes Alimentaires, 1857

The prosperity or decline of empires originates from the
improvement or decay of agriculture.

» J'ai vu DIEU, j'ai vu son passage et ses
» traces, et je suis demeuré saisi et muet d'ad-
» miration. Gloire, honneur, louange infinie à
» Celui dont l'invisible bras balance l'univers
» et en perpétue tous les êtres. » LINNÉ.

Le Frère J. Héribaud, Les Muscinées
D'Auvergne, 1899

I have seen God, I have seen his passing and vestiges, and I
am still and silent with admittance. Glory, honor, infinite
praise to HIM whose invisible arms balance the universe and
all beings forever.

Oh, what an endless worke have I in hand,
To count the Sea's abundant progeny!
Whose fruitulle seedes farre passeth those in
land,

And also those which wonne in the azure
sky.

For much more eath to the starres on hy,
Able they endless seem in estimation,
Then to recount the Sea's posterity;
So fertile be the flouds in generation,
So huge their numbers, and so numberless
their nation.

Spenser

W.H. Harvey, The Sea-Side Book, 1844

*Omnis vera cognito speciei e cognitiore
individui.*

O. Galløe, Natural History of Danish
Lichens: Original Investigations based on New
Principles, 1927 [p. 16, "The description of species is
based on one single individual which I describe morpho-
logically and anatomically in full detail."]

True knowledge of a species comes more from a knowledge of
its individuals.

Meek creatures! the first mercy of the earth,
veiling with hushed softness the dintless rocks;
creatures full of pity, covering with strange and
tender honor the scarred disgrace of ruin, -
laying quiet fingers on the trembling stones to
teach them rest No words that I know of
will say what these mosses are.... They will not
be gathered, like the flowers, for chaplet or
love-token, but of these the wild bird will make
its nest, and the wearied child his pillow.

John Ruskin, Modern Painters

E.M. Dunham, How To Know the Mosses, 1916

*C'est la Botanique de son pays, qu'on doit le
plus étudier.*

Fontenelle

F. Schrank, Baiersche Flora, 1789

It is the botany of one's own country that one should study
most.



πολλὰ μὲν ἐσθλα μειγμένα πολλὰ δὲ λυγρὰ.—Hom.

C.D. Badham, A Treatise on Esculent Funguses of England, 1847

Many of them are pleasant and many of them are baneful.

*Wer hat je die Flechten, wer hat die Moss
gezählet,
Deren Frühling beginnt, wen Fröste den
Herbst entblättern,
Deren üppiger Wuchs die Scheitel ätheris-
cher Alpen
Da, wo sie Flora verläst, mit Tausend Fraben
bekleidet?*

W.C.T. Herre, The Lichen Flora of Santa Cruz Peninsula, California, 1940

Whoever has counted the lichens and the mosses --
For him spring begins when frost has stripped autumn
of her leaves;
For him, in ethereal alpine meadows where Nature's
profusion and flowers have given way.
There a thousand colors bloom.

*L'expérience est la seule méthode précise; c'est
la base de toute discussion.*

Pasteur

R. Chodat, Étude Critique et Experimentale Sur le Polymorphisme des Algues, 1909

Experimentation is the only exact method; it is the foundation of all discussion.

That existence is surely contemptible, which regards only the gratification of instinctive wants, and the preservation of a body made to perish.

A. Eaton, Manual of Botany for North America, 1836

*Quemadmudum DEI in oceano miracula
imperscrutabilia sunt, sic et botanicum
studium infinitum est.*

L.-R. and C. Tulasne, Selecta Fungorum Carpologica, 1856

Just as the miracles of GOD in the ocean are beyond all search, so also is the study of botany without end.

*La laguna no basta para decirt, ni la mano para
escribir todas las maravillas del mar.*

Christoforo Columbo

F. Ardissonne et J. Strafforello, Enumerazione delle Alghe de Liguria, 1877

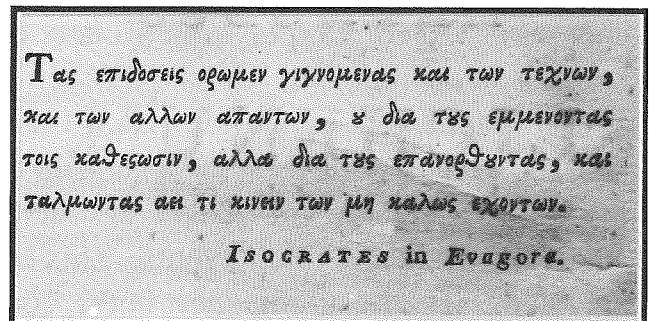
The lagoon does not contain sufficient material to tell you - nor is the hand able to describe - all the marvelous things in the sea.

*Je crois que la principale utilité que l'on doit
retirer de cette étude, se trouve dans les goûts
simples qu'elle inspire à ceux qui la cultivent.
Le jeune homme qui s'y applique avec ardeur,
se dérobe par son moyen aux passions turbulentes
du premier âge, et fortife sans cesse sa santé
par des exercices agréables.*

Vaucher

A.H. Hassall, A History of the British Freshwater Algae, 1845

I believe that the principal use that one should derive from this study is to be found in the simple tastes which it inspires in those who cultivate it. The young man who works hard discovers by his work the "tuburlent passions" of an early age and continually strengthens his health by these agreeable practices.



E. Acharius, Methodus qua Omnes Detectos Lichenes ..., 1803.

We are able to witness achievements in the arts and everything else, not because of those who adhere to the established order, but because of the innovators, who dare to change or move things that need change or correction.

NEWS

MYCOLOGICAL LITERATURE BIBLIOGRAPHY (1753-1821)

Maria Okoniewski is currently working with Don Pfister of the Farlow Herbarium on a bibliography of early mycological literature. This bibliography is being compiled in response to an important change in the International Code of Botanical Nomenclature (the rules governing the naming of plants.). At a Congress held in Sydney in 1981, members voted to eliminate multiple starting points for naming lichens and fungi. This decision was reaffirmed at the next Congress in Berlin in 1987. In the past, different groups of cryptogams were named based on a number of different publications originating in the early 1800's. One of the latest and most important of these publications was Elias Fries' *Systema mycologicum* (1821). According to the new regulation, Linneaus' *Species plantarum* (1753) is now the earliest publication that can be used when naming any lichen or fungus.

The bibliography is an effort to compile a list of taxonomically important works written between 1753 and 1821. The completed document will be most useful as a reference for anyone trying to determine the earliest validly published scientific name for a lichen or fungal species. The bibliography will be quite large. The current draft contains nearly 900 entries, with more likely to be added before it is completed. The entries have been compiled over the last three years and will include works found in the Harvard University libraries, those examined by Dr. Pfister at the British Museum (Natural History) and the Kew Botanical Gardens, and other unseen publications reported from European libraries. Despite the inevitably missed references, the resulting bibliography will be the most complete list of early mycological literature. Publication is expected this summer.

FARLOW VISITORS

Since October, 1988

E. Armstrong (Woods Hole), J. Adaskoveg (Davis, CA), P. Balikin (Belmont, MA), D. Barry (Durham, NH), H. Brotzman (Williamstown, MA), D. Cheney (Boston), L. Colt (North Dartmouth, MA), D. Dunlop (Durham, NH), M.L. Fairweather (Durham, NH), S. Gowan (Durham, NC), T. Griffith (Reading, MA), Y. Hadar (Rehovot), Harrington School, Fourth-grade class (Cambridge), L. Hillis-Colinvaux (Columbus), P. & J. Hinds (Orono), E. & A. Horak (Zürich), K. Horton, R. A. Humber (Ithaca), S. Jones (Cambridge), M. Landowne (Weston), J.W. Lerner (Altoona, PA), C. Lemmon (Branford, CT), J. M. Leonard (Hingham), R. Lewis (WGBH, Cambridge), Prof. & Mrs. A. Liebenstein (Cambridge), D.J. Macfarlane (Boston), P. Marek (Davis, CA), P. May (Belmont), M. Mulvey (North Dartmouth, MA), R. Olmstead (Ann Arbor), N.G. Pascoe (Belmont), R.J. Pulman (Ben Shemen, Israel), A. Rossman (Beltsville), E. Seaton (Arlington), J. Stricker (Amherst), J. Toomre (Cambridge), R. Wallace (Storrs), P. Walsh, B.K. Wheaton (Concord, MA), P. Wedl (Belmont), and D. & J. Young (Still River, MA).

NEW MEMBERS

Harold Brotzman (Williamstown, MA), John Haines (Albany, NY), John Leonard (Hingham, MA), Steve Selva (Fort Kent, ME), and James M. Trappe (Corvallis, OR).

NEW FOF OFFICERS

At its seventh annual meeting, a new set of FOF officers was installed, following its confirmation by a unanimous vote of the FOF advisory board.

Barry Wulff, professor and chairman of the biology department at Eastern Connecticut State University, began a three-year term as president. A doctoral graduate in botany from Oregon State University, he has managed to balance interests in marine algae, lichens and fungi for over two decades. He is skilled teacher in the field, especially in association with Appalachian Mountain Club expeditions.

Elizabeth Kneiper, is a teacher at the Winsor School in Boston and an active lichenologist. As part of her master's thesis work at Harvard, she has examined the changes in the lichen communities in and around Boston over the last century and has developed a working knowledge of the Farlow.

Anna Reid continues as secretary. Nancy is the librarian at the New England Botanical Club and a scholar of the American lichenologist, Edward Tuckerman, and New England bryology.

Harvey Pofcher, the only treasurer FOF has ever known, continues to hold reign on the finances. Harvey is a retired Massachusetts businessman, whose avid pursuit of botanical natural history has made him a Farlow mainstay for years.

BOOKS, MUGS & COPIES

Accumulation of books for the 7th annual FOF book sale is underway. Donations are welcome through May 20th. Participation in this "book exchange" is limited to FOF members.

Some FOF coffee mugs are still available. The price remains \$2.50 each (plus mailing expenses). A postcard to FOF will get your order filled.

FOF members are still entitled to limited free photocopying at the Farlow Library through June. No charge will be made for copies of a maximum of five titles of twenty or fewer pages each. Arrangements can be made in person or by phone; contact Jean Boise (617-495-2369).

WILLIAM C. STEERE

William Campbell Steere, eminent bryologist, educator, and institutional administrator, died in February in New York. Dr. Steere, a member of Friends of the Farlow from its inception, was also a member of its Advisory Board, through which he continued his interest in promoting the health of American collections in systematic botany.

A native of Michigan, he completed the bulk of both his undergraduate and graduate education at the University of Michigan. Over the next several decades he published extensively studies in bryophyte systematics and biogeography from throughout the western hemisphere - from the tropics to the arctic.

In the mid-1950's, as program director for Systematic Biology for the National Science Foundation, he revitalized support to the systematics community. He later successfully argued for the institution of "Facilities grants" from NSF to support the routine maintenance of American systematic collections of international importance. The Harvard University Herbaria, including the Farlow, continue to benefit from this support.

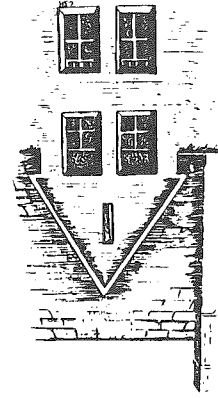
Dr. Steere was a strong supporter of development of *Biological Abstracts*, served as dean of graduate studies at Stanford, and from 1958 until his retirement in 1973 was director of the New York Botanical Garden, where he broadened its systematic efforts to include greater ecological scope. His editorial skills were manifest in making the *Bryologist* a first-class international journal and in the valued series *Evolutionary Biology*.

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OF CRYPTOGAMIC

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