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Champion Papers • Texas Division • Pasadena, Texas

March 28, 1966

Dr. H. M. Raup, Director
Harvard Forest
Petersham, Massachusetts

Dear Dr. Raup:

I certainly did enjoy my short visit with you, Mrs. Raup and the others recently. I will be keeping you informed of the progress, if any, that I make in regard to the project which you, Ernie and I discussed.

Please give my regards to Mrs. Raup. Some day I will be looking forward to a visit from you folks here in Houston... the sooner the better.

Thanks again.

Sincerely yours,

Earl P. Stephens
Manager,
Forest Research

EPS:wb

File under Earl P. Stephens

OCT 10 1966

September 28, 1966

Mr. Oscar Fugalli, Secretary
Forestry and Forest Products Division
FAO of the United Nations
Via delle Terme di Caracalla
Rome, Italy

Dear Oscar:

Thank you for your letter of August 24, 1966.

1. I have discussed the possibility of a monograph on poplars in the "Forest Science Monograph" with Dr. Earl Stone, Editor of Forest Science, and Mr. F. H. Eyre, Staff Editor of the Journal of Forestry. Both responded favorably but qualified their judgement based upon the audience to which we would be directing our articles.

Since I would hope that we would be directing our article to foresters and people in allied disciplines, both practitioners and researchers, I believe the "Forest Science Monograph" is the appropriate vehicle. Nevertheless, there would be other publishers such as the American Forestry Association, Resources of the Future, and several University Presses, etc. I would appreciate any suggestions you might have.

2. Costs of publishing Forest Science Monograph have been totalling from \$1600.00 to \$3200.00 for a press run of 1600 copies. Additional copies are very reasonable, about \$25.00 to \$30.00 per 100. For a rough estimate of publishing costs, one can use as basis \$25.00 to \$30.00 per single page. Color photographs are possible, but very expensive. Therefore, length of article and number of illustrations are limited essentially by the costs that one wants to pay.

These costs seem very reasonable, and perhaps we should have as a target a range somewhere between \$5,000 and \$10,000.

Mr. Oscar Fugalli
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Approximately eight months are required between the time the manuscript is received by the Editor and publication. So the date of September, 1967, at Munich for finalizing the draft would appear to be quite appropriate for publication by September, 1968.

Oscar, I might be underestimating the problem, but I foresee no real difficulties in financing the publication. My biggest concern is the nature of the article: what is to be said; how; and the organization thereof. I believe you folks have a very worthwhile story to be told and we can learn from your experiences.

With your permission, I would like to set forth some ideas as to what I think the article should be. We can exchange ideas, come up with suggestions, and I am sure that we can achieve an approach that will be the one we want to take.

My belief is that you folks know more about the genus Populus, especially the hybrids of P. Nigra and P. deHoides, than any other forest tree. In essence, you have approached the genus in a manner similar to that of the horticulturist and fruit trees, or the agronomist and corn or wheat, etc. I am really more interested in the approach you have taken, the basic principles and applications thereof, than I am in the genus per se. I think your application of principles has been classic. The results have been dramatic as well as classic, but I think they should be described mainly as a means of exemplifying the principles and techniques which were developed and applied. In brief:

I. History

A. Motivation

1. Reasons
2. Where was financial support acquired.
3. How as the idea sold to society - the use of high priority fertile land for the production of wood rather than food.

B. When, Where, and by Whom was this concept developed.

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In each of the aforementioned subject areas, basic principles
are of **II. Genetics** that are they and from where did they come? How
they developed from another discipline or were they developed de novo?

A. Selection

As you can see, we have lots of diseases. But, I think
our current **B. Hybridization** our best thinking. I hope that I have
initiated some thoughts.

1. Growth

Would appreciate suggestions, and please let me know where I
can be of help.

2. Form

3. Quality

4. Resistance to disease and insects

Sincerely yours,



Earl P. Stephens

Manager, Forest Research

III. Soil Requirements

IV. Physiology

1. Nutrient requirements

2. Fertilization

V. Nursery Practices

VI. Cultural Practices

VII. Utilization

**VIII. Classification of sites by clones and variety of levels
of cultural practices.**

IX. Economics

Input and output as related to site and level of practices.

X. Organization of typical Poplar Research Institute.

**XI. Acceptance of poplar production by society, perhaps
the role it plays in different countries.**

XII. Where do we go from here?

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In each of the aforementioned subject areas, basic principles were employed. What are they and from where did they come? Were they borrowed from another discipline or were they developed as needed?

Oscar, as you can see, we have lots to discuss. But, I believe our current endeavor warrants our best thinking. I hope that I have initiated some thoughts.

Would appreciate suggestions, and please let me know where I can be of help.

Sincerely yours,

Earl Stephens

Earl P. Stephens
Manager Forest Research

EPS:ew

cc: Dr. N. A. Osara
Dr. Hugh M. Raup ✓
Art Nelson
Bob White
Ed Nauman

1. Costs of publishing Forest Science Monograph have been trending from \$120.00 to \$150.00 for a break run of 1500 copies. Additional copies are \$15.00 per 1000, \$20.00 to \$25.00 per 100. For a rough estimate of publishing costs, this can be as little as \$25.00 to \$30.00 per single page. This is not possible, but very expensive. It would be a matter of publishing number of illustrations and having them immediately in the office. This would be very

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