

The Biological Group Committee of the Graduate School met on Tuesday, May 15th, 1928, in Dean Ford's office. There were present Messrs. Chapman, Harris, and Riley. Action was as follows:

Thesis subjects were approved, and committees suggested as follows:

Degree of Doctor of Philosophy

Sister Ramberta Westkaemper - The food value of some marine algae.  
Comm.: Messrs. Burr, Palmer, Harris, McClendon, Miss Tilden.

Masters Degree

John G. Kunzel - A biometric study between physical and biotic factors and the occurrence of forest fires.  
Comm.: Messrs. Cooper, Harris, Schmitz.

The committee recommended the appointment to the graduate teaching faculty of Heman Ibsen, Professorial Lecturer in Genetics, for course work only.

Changes in the three year program of Vernon Young as outlined in his petition were approved.

The chairman presented a letter from Dr. Cooper relative to suggested changes in the three year program of Mr. A. D. Stoesz. After discussion he was instructed to send to Dr. Cooper the following reply.

"The Biological Group Committee of the Graduate School has considered your letter of February 29th relative to the three year program of Mr. A. D. Stoesz. It believes that the program is still open to criticism on the basis of sequence of courses and of the proportion of time given to ecology ( 88 credits out of 145)."

"It appears, however, that the difficulty has arisen largely through failure to present a three year program earlier in the work and that insistence on this now would work an injustice to Mr. Stoesz. The committee is, therefore, recommending to the Dean of the Graduate School that the program be accepted as presented."

*Wm A. Riley*

Chairman

The Biological Group Committee of the Graduate School met on January 31, 1928. There were present Messrs. Chapman, Harris, Rosendahl, and Riley. Action was as follows:

Petition of Stanley Gartnside for transfer of 21 semester credit hours in Entomology from Cornell University approved.

Petition of F. G. Holdaway to substitute on his three year program 6 credits in Entomology for 6 credits in Experimental Zoology approved.

Petition of A. D. Stoesz to take a split minor, for the doctorate, in Plant Taxonomy and Geology, approved.

Detailed consideration was given to the Three Year Programs of Henry Costing and Abraham D. Stoesz, both majoring in Plant Ecology. It was the unanimous opinion of the members of the Group Committee that, since the previous training of these men had not been exceptional in either breadth or thoroughness, the outlined courses were too narrow in their scope and that the placing of Plant Physiology, the principal supporting subject, in the last year was undesirable. On these grounds the program of Mr. Costing was disapproved, but as early adjustments in Mr. Stoesz's case seemed possible his program was referred back to his adviser, Dr. Cooper.

Thesis subjects were approved, and committees suggested as follows:

#### Degree of Doctor of Philosophy

Stoesz, Abraham D. - The role of subterranean organs in plant succession.

Comm.: Messrs. Cooper, Stauffer, Rosendahl, Chapman, Harris.

#### Masters Degrees

Christenson, Reed O. - Studies of the larval cestodes of rabbits.

Comm.: Messrs. Riley, Mickel, Sigerfoos.

Garthside, Stanley - Comparative methods of sampling forest insect fauna.

Comm.: Messrs. Chapman, Schmitz, Harris.

Grant, Martin L. - The forest fire and the biotic community.

Comm.: Messrs. Cooper, Chapman, Schmitz, Rosendahl.

Loewen, Solomon L. - The morphology of the trematode Phyllodistomum staffordi Pearse 1924.

Comm.: Messrs. Riley, Chapman, Mickel.

Ozburn, Reginald H. - Histological studies on Cimex.

Comm.: Messrs. Riley, Downey, Ruggles.

Robinson, Verna E. - The biology and taxonomy of the Dermestidae.

Comm.: Messrs. Mickel, Rosendahl, Ruggles.

Stehr, Wm. C. - The activating influence of light on some aquatic arthropods.

Comm.: Messrs. Minnich, Harris, Sigerfoos.

Stoesz, Abraham D. - Sand-dune succession of Moore Lake, Anoka County.

Comm.: Messrs. Cooper, Rosendahl, Chapman.

Watson, Jeannette B. - Studies of the algae of Loring Cascade, Minneapolis, Minnesota.

Comm.: Miss Tilden, Messrs. Cooper and Butters.

Woo, Grace M. - The algal flora of Loring Cascade.

Comm.: Miss Tilden, Messrs. Cooper and Butters.

*John A. Riley*

Chairman

A meeting of the Biological Group Committee of the Graduate School was held at 4:00 p.m. on Wednesday, November 23rd, 1927. There were present Drs. Chapman, Harris, Rosendahl, and Riley.

OK  
W.F.  
Dr. Chapman presented on behalf of Walter Carter a request for a ruling as to the remaining residence requirement. In view of the fact that he had been in residence for two years and one summer and that his thesis work had been fully outlined before leaving and progress had been checked by two visits by Dr. Chapman, it was voted that on completion of a full quarter of additional residence and the presentation of a satisfactory thesis Mr. Carter be allowed to take his final examination.

OK  
The three year program of Sister Remberta Westkaemper and of F. G. Holdaway were approved.

These subjects and theses committees were approved as follows:

- OK
- Boughton, D. C. - Master's degree - "Studies on the Isospora of Minnesota Birds".  
Committee: Messrs. Riley, Harris, Sigerfoos.
- Holdaway, F. G. - Doctor's degree - "A Study of Humidity as a Factor in Insect Environment".  
Committee: Messrs. Chapman, Burr, Gortner, Minnich, Mickel.
- Olson, Theodore A.-Master's degree - "A Study of Temperature as a Factor in the Egg Stage of Tribolium confusum".  
Committee: Messrs. Chapman, Rosendahl, Mickel.
- Ruggles, George M.-Master's degree - "The Biology of Some Minnesota Hookworms".  
Committee: Messrs. Riley, Larson, Minnich.

Wm A. Riley

A meeting of the Biological Group Committee of the Graduate School was held Thursday, November 3, 1927. There were present Messrs. Harris, Chapman, Rosendahl and Riley.

Action was as follows:-

- Carr, R. W. - Approval of thesis subject "The histogenesis of the muscle-tendon attachment in the striated muscle of the embryonic pig". Thesis Comm. (M.A.) Drs. Downey, Riley and Scammon.
- Mortensen, Edith - Accepted the summer course in Invertebrate Zoology at Woods Hole, as equivalent to 9 credits in Advanced Zoology.
- Philip, C. B. - Voted to accept transfer of 17 credits in Entomology completed at the University of Montana and to admit to final examination of the completion of one quarter's additional work at Minnesota and submission of a satisfactory thesis.
- Slider, Ethel M. - Accepted as part requirement for the Masters degree six semester (9 quarter) credits in Embryology completed as a graduate student at Carleton College.
- Stehr, W. C. - Accepted the summer course in Invertebrate Zoology at Woods Hole, summer of 1927, as equivalent to 9 credits in Advanced Zoology.
- Young, Vernon - Approved substitution of Botany 133s and 221 for Chemistry 141 on 3 year program. Approved 3 year program, and thesis subject, "The Influence of the Chemical Properties of the Soil on the Distribution of Desert Vegetation". As thesis committee the following four were appointed:- Drs. Harris, Cooper, Gortner and Alway. The fifth place was left vacant, pending action of the recommendation that Dr. Burr be appointed to the Graduate Faculty.

In connection with the petitions of Miss Mortensen and Mr. Stehr the status of the course in Invertebrate Zoology at Woods Hole was carefully considered and it was the unanimous opinion that it should be rated as equivalent to 9 quarter credits in Advanced Zoology.

It was voted to recommend to the Executive Committee of the Graduate School the appointment of Dr. G. O. Burr and Dr. A. R. Ringoen to full standing on the Graduate Faculty.

*John A. Riley*  
Chairman

*Miss Russell:  
Send notices if they  
have not gone out  
from*