

Proceedings of the Iowa Academy of Science

Volume 63 | Annual Issue

Article 5

1956

Nomination of R. B. Wylie for Honorary Fellow

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Recommended Citation

(1956) "Nomination of R. B. Wylie for Honorary Fellow," *Proceedings of the Iowa Academy of Science*: Vol. 63: No. 1 , Article 5.

Available at: <https://scholarworks.uni.edu/pias/vol63/iss1/5>

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The reports of the Resolutions and Nominating committees were adopted. Those elected were:

President—W. F. Loehwing, Iowa City.

Vice-President—J. J. L. Hinrichsen, Ames.

Secretary-Treasurer—Jean L. Laffoon, Ames.

Editor—David G. Mobberley, Indianola.

Additional members of the Board of Directors—H. L. Dean, F. E. Brown, J. C. Gilman, P. S. Helmick, M. L. Grant, G. O. Henrickson, J. W. Kercheval.

President Hauber yielded the chair to the new president, Dr. W. F. Loehwing. Those announced as being the 1956-57 section chairmen were:

Botany—Ernst Naylor, Fayette.

Chemistry, Inorganic and Physical—J. W. Kercheval, Cedar Falls.
Chemistry, Organic and Biological—Edmund Cheng, Ames.

Geology—K. M. Hussey, Ames.

Mathematics—Fred W. Lott, Cedar Falls.

Physics—E. M. Vaughan, Davenport.

Psychology—Alfred Castaneda, Iowa City.

Zoology—K. D. Carlander, Ames.

Following some discussion, it was decided not to attempt to reactivate the Science Teaching Section. The meeting was adjourned at 12:20 p.m.

JEAN L. LAFFOON, *Secretary*

Nomination of R. B. Wylie for Honorary Fellow

To the Fellows of the Iowa Academy of Science

We, the undersigned, fellows of the Iowa Academy of Science nominate

ROBERT BRADFORD WYLIE

to become an honorary fellow of the Academy. Dr. Wylie, a member since 1901, has been an outstanding teacher and a productive scholar for more than half a century. Born in Maquoketa in 1870, he received his B.S. degree from Upper Iowa in 1897 and his Ph.D. from Chicago in 1904. In 1924 he was awarded the LL.D. from Upper Iowa. He was Instructor of Biology at Morningside College 1897-1899, leaving to enter the University of Chicago. Returning to Morningside in 1904 he taught until 1906, then was appointed Assistant Professor of Botany at the State University of Iowa. He became Professor in 1908, was head of the department 1919-1940 and has been Professor Emeritus since 1940. Was a member of the U. S. Kelp Expedition to Alaska in 1913 and of the University of Iowa Fiji-New Zealand Expedition in 1923. Taught summers at Eastern State Normal School (1901), the Marine Biological Laboratory at Wood's Hole (1905) and at Friday Harbor Marine Biological Laboratory (1903, 13, 29). Served as Director of the Iowa Lakeside Laboratory 1919-1923. He has published many papers in Botany on cytological and morphological subjects

and is especially well known for his critical descriptive and quantitative work on wound responses, tissue organization and venation of foliage leaves.

G. W. MARTIN
 BURLYN E. MICHEL
 H. L. DEAN
 ROBERT F. THORNE
 ROBERT L. HULBARY

EDWARD BARTOW
 RALPH L. SHRINER
 ROBERT M. MUIR
 W. F. LOEWING
 ROBERT L. KING

Papers published by Professor Robert B. Wylie

(Book reviews, abstracts, newspaper articles, notes, etc.
 are omitted from this list)

- The biology laboratories of Morningside College. Jour. Appl. Micr. 5: 1949-1954, 1902.
- The morphology of *Elodea canadensis*. Botanical Gazette. 37: 1-22, 1904.
- The problem of the small town or rural village. Iowa Park and Forestry Assoc., Sixth Annual Meeting, 1906.
- Science Hall in its new location. Iowa Alumnus. Vol. 5, No. 3, 1907.
- The flora of Iowa rock—a small rocky island in Puget Sound. Proc. Ia. Acad. Sci. 16: 99-101, 1909.
- The staminate flower of *Elodea*. Proc. Ia. Acad. Sci. 17: 80-82, 1910.
- Notes on *Heteranthera dubia*. Proc. Ia. Acad. Sci. 19: 131-132, 1912.
- The aquatic gardens of Lake Okoboji. Okoboji Protective Assoc. Bull. No. 7: 10-20, 1912.
- A long-stalked *Elodea* flower. Bull. Labs. Nat. Hist. State Univ. Iowa 6: 45-52, 1913.
- Trees and the homestead. The Midland. No. 9: 114-117, 1916.
- Cleistogamy in *Heteranthera dubia*. Bull. Labs. Nat. Hist. State Univ. Iowa. 7: 48-58, 1917.
- A hybrid ragweed. Proc. Ia. Acad. Sci. 22: 127-128, 1915.
- The Lakeside Laboratory. Ia. Alumnus. Vol. 14, No. 6, 1917.
- The pollination of *Vallisneria spiralis*. Bot. Gaz. 43: 135-145, 1917.
- The University in khaki. Ia. Alumnus. 16: 18-20, 1918.
- The major vegetation of Lake Okoboji. Proc. Ia. Acad. Sci. 27: 91-97, 1920.
- Concerning the capacity of foliage leaves to withstand wounding. Proc. Ia. Acad. Sci. 28: 293-304, 1921.
- Record sheet for science courses. School Science and Mathematics. 1921.
- Submarginal venation of foliage leaves. Proc. Ia. Acad. Sci. 29: 233-237, 1922.
- Some wound responses in foliage leaves. Proc. Ia. Acad. Sci. 29: 238-244, 1922.
- Botanical notes on Fiji and New Zealand. Proc. Ia. Acad. Sci. 30: 45-54, 1923.
- Notes on introduced plants. Proc. Ia. Acad. Sci. 30: 333-336, 1923.
- Plants and the surface film of water. Proc. Ia. Acad. Sci. 30: 337-343, 1923.
- The endosperm of *Utricularia*. Bull. Labs. Nat. Hist. State Univ. Iowa. 10: 3-18, 1923.
- Some experiences of a botanist in Fiji. Bull. Labs. Nat. Hist. State Univ. Iowa. 10: 142-153, 1923.
- Experiences of a botanist in New Zealand. Bull. Labs. Nat. Hist. State Univ. Iowa. 10: 283-298, 1923.
- Sperms of *Vallisneria spiralis*. Bot. Gaz. 75: 191-202, 1923.
- Paired ovules of *Vallisneria*. Proc. Ia. Acad. Sci. 33: 121-124, 1926.
- Leaf structure and wound response. Science, 65: 47-50, 1927.
- The cicatrization of wounded citrus leaves. Proc. Ia. Acad. Sci. 35: 117-123, 1928.

- Memorial of Dr. Clifford H. Farr. Proc. Ia. Acad. Sci. 35: 42, 1928.
- Bruce Fink, Lichenologist, a biographical sketch. Mycologia, 20: 1-2 (with portrait), 1928.
- Cicatrization of foliage leaves. I. Wound responses of certain mesophytic leaves. Bot. Gaz. 90: 260-278, 1930.
- Cicatrization of foliage leaves. II. Wound responses of certain broad-leaved evergreens. Bot. Gaz. 92: 279-295, 1931.
- Harry McCormick Kelly, a biography. Proc. Ia. Acad. Sci. 44: 25-26, 1937.
- Concerning the conductive capacity of the minor veins of foliage leaves. Am. Jour. Bot. 25: 567-572, 1938.
- Relations between tissue organization and vein distribution in dicotyledon leaves. Am. Jour. Bot. 26: 219-225, 1939.
- Some aspects of fertilization in *Vallisneria*. Am. Jour. Bot. 28: 169-174, 1942.
- The dwarf leaf of *Cercis canadensis*. Proc. Ia. Acad. Sci. 49: 117-122, 1942.
- A note on axis restoration in a gymnosperm tree. Proc. Ia. Acad. Sci. 49: 123-125, 1942.
- The leaf organization of *Hedera helix*. Proc. Ia. Acad. Sci. 50: 199-207, 1943.
- The role of the epidermis in foliar organization and its relations to the minor venation. Am. Jour. Bot. 30: 273-280, 1943.
- Herman A. Mueller (biographical notes). Proc. Ia. Acad. Sci. 51: 117-118, 1944.
- The major veins of mesomorphic leaves (with E. L. Plymale). Am. Jour. Bot. 31: 99-106, 1944.
- Relations between tissue organization and vascularization in leaves of certain tropical and subtropical dicotyledons. Am. Jour. Bot. 33: 721-726, 1946.
- Conduction in dicotyledon leaves. Proc. Ia. Acad. Sci. 53: 195-203, 1947.
- The dominant role of the epidermis in leaves of *Adiantum*. Amer. Jour. Bot. 35: 465-473, 1948.
- Leaf organization of *Adiantum capillus veneris* L. Proc. Ia. Acad. Sci. 55: 223-231, 1948.
- Variations in leaf organization among *Adiantum* plants in a rock cavern. Amer. Jour. Bot. 36: 283-287, 1949.
- Principles of foliar organization shown by sun-shade leaves from ten species of deciduous dicotyledonous leaves. Amer. Jour. Bot. 38: 355-361, 1951.
- The bundle sheath extension in leaves of dicotyledons. Amer. Jour. Bot. 39: 645-651, 1952.
- Leaf organization of some woody dicotyledons from New Zealand. Amer. Jour. Bot. 41: 186-191, 1954.

Report of the Secretary-Treasurer

The Academy had 1,310 members on January 1, 1956, including 1 honorary fellow, 11 emeritus fellows, 17 life fellows, 354 fellows, and 927 associates and student associates.

President U. A. Hauber appointed H. L. Dean as Chairman of the Membership Committee. Also named for this committee were R. V. Drexler, R. W. Getchell, O. C. Kreider, H. T. Liggett, W. C. Oelke, W. A. Teppert, and Mary M. Vinje. Dr. Hauber re-appointed F. E. Brown as Chairman of the Science Talent Search Committee, and E. R. Becker, R. V. Drexler, G. O. Gale, J. V. McKelvey, and J. I. Routh were made members of the committee. The following were named as the Committee on Revision of the Constitution and By-Laws: C. S. Gwynne, Chairman; J. B. Cul-