

# Looking at ESA's early membership: Continuity, contrasts, and surprises

## Introduction

ESA's Historical Records Committee is taking the opportunity of the 2015 Centennial to explore the wealth of historical records locatable or digitally available on the Internet, as well as use of traditional archives.

Some records are at ESA's Archives but many more are found elsewhere. While HRC's Organized Oral and Poster Sessions of August 6, 2012, explore manifold ways in which history and ecology are inextricably linked, three posters in this session (#33891, #34353, and this one) specifically explore the institutional history of ESA. Here, we focus on the early years of the society, and specifically on its initial cohorts of members and what might have brought them to the society.

Our starting point for the first two cohorts (284 Charter Members plus 23 members elected at the December 1916 meeting), was published in the *ESA Bulletin* 1(3) in early 1917. This "Handbook" offers a fascinating glimpse of information abstracted from information provided by the members themselves in response to eight questions. We provide cameo of a diversity of individual responses and additional biographical perspective.

Shelford introduced the Handbook by providing an overview of the membership. There were no criteria for membership initially, and Shelford grouped the members into five categories, shown here as part of the enrollment form for prospective members after April 1, 1916.

**MEMBERSHIP** in the Ecological Society is open to those who have advanced the science of ecology; those who have attained recognition through their contributions to other fields, and are interested in ecology; those who have conducted researches in ecology which are not yet published; those who have the training and opportunity to conduct observations or instrumentation of importance in ecological work; and those who are interested in the application of ecological principles.

In short, the requirement for membership, as stated in the Bylaws, was "an interest in ecology." Members were asked to provide information for the Handbook, but due to printing costs, not all of the requested information could be included. Shelford provided the questions for which answers were included.

1. On what ecological topics have you published papers?
2. In what ecological subjects have you a special interest, or work in progress?
3. In what localities have you carried on ecological work?
4. With what regions are you slightly familiar?
5. In what taxonomic groups are you particularly interested? (italics indicate willingness to identify material in that group.)
6. With what experimental methods have you had the most experience?
7. With what field instruments have you worked?

Members also were asked to provide degrees or position. Some provided both.

In some cases so little information is provided that we believe the individuals were included as members after having been nominated but before questionnaires could be returned. Two cases we found particularly interesting in this regard: Phil and Nellie Harris Rau.

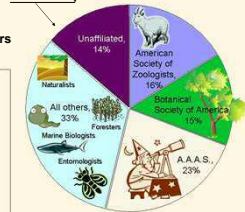
We did not have access to the original information sent in by members, but from the abstracted entries, we suspect the summary statistics were developed and presented in a way that countered a prevailing concern that botanists or zoologists might be perceived to dominate the new organization.

This concern persisted for decades, as did the policy of alternating "botanists" and "zoologists" in the presidency of ESA.

**Shelford's tally of members by subsdiscipline:**

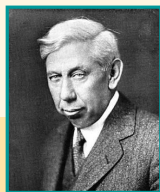
plant ecology	88
animal ecology	86
forestry	43
entomology	39
marine ecology	14
agriculture	12
plant physiology	7
plant pathology	4
climatology	4
geology	4
animal parasitology	3
soil physics	3

**Graphical representation of Shelford's tabulation of other society memberships.**



**J. Arthur Harris's** early employment at Missouri Botanical Gardens began a series of connections fostered by the St. Louis Academy among Harris, his sister Nellie, her husband Phil Rau, and Turner. The Rau's and Turner were giving papers and publishing well before ESA existed.

These kinds of hidden connections among researchers help explain the presence of individuals with apparently anomalous backgrounds. In this case, only Harris has the expected background, and his connection to St. Louis is not apparent.



**Robert Henry Wolcott**  
1868-1934

Proposed a new society to Shelford, who then proposed it to Cowles.

Wolcott's Handbook entry shows just how difficult it is to categorize members' interests by subsdisciplines.

**WOLCOTT, ROBERT HENRY**, University of Nebraska, Lincoln, Neb., Department of Zoology (A.M., M.D.). (1) Biological studies on Nebraska. (2) Various papers. (3) Anatomical studies of a typical prairie tract near Lincoln, Nebraska. (4) The sand hill crane in Chicago, Nebraska, and other birds and animals in New England. (5) Nebraska. (6) Vertebrates. (7) Entomology and Coleoptera. (8) Insect life. (9) Insect life. (10) Insect life. (11) Insect life. (12) Insect life. (13) Insect life. (14) Insect life. (15) Insect life. (16) Insect life. (17) Insect life. (18) Insect life. (19) Insect life. (20) Insect life. (21) Insect life. (22) Insect life. (23) Insect life. (24) Insect life. (25) Insect life. (26) Insect life. (27) Insect life. (28) Insect life. (29) Insect life. (30) Insect life. (31) Insect life. (32) Insect life. (33) Insect life. (34) Insect life. (35) Insect life. (36) Insect life. (37) Insect life. (38) Insect life. (39) Insect life. (40) Insect life. (41) Insect life. 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