

5/17/40 - 5/20/40

401229-208

Results of a General Ecological Survey of Climax and Sub-climax forests

Problem no. 1

Ecological Survey of Climax and Sub-climax forests of mt. Timpanogas. This problem was established for the purpose and consideration of the general problems of mountain ecology and to determine; kinds and percent frequency of bird life in the climax and sub-climax associations and ecotones; mammalian make-up of climax association and climatic rating of a mountainous situation.

In the main the analysis is qualitative and is more or less concerned with special aspects of an ecological study and therefore not typically representative of an complete analysis. The methods and procedures employed were not of the type that would allow for the complete analysis. The matter of fact is that the procedure is more a matter of gaining an appreciation and an experimentation of methods rather than one with intent of acquiring the intrinsic values or true picture of the problems under consideration. A source of error can be looked for when evaluating the individual records which constitute the composite record. The policy was for 3 organized group of individuals to conduct separate but identical investigations and then to pool their findings. This not only allowed for a greater amount of work to be accomplished but allowed for verification. The individual data indicates signs of a lack of experience in contact with the field, questionable identification and technique. Included in the party headed by Prof. Lynn Hayward were: Burton Hunt, Eldon Randall, Harold Hutching, Harry Chandler, Ted Allen, Bill Higginbotham, George Cannon, Irwin McArthur and Lowell Miller.

List of equipment included: Binoculars, quadrat string 100 traps, oatmeal, note book, thermometer.