

VOLUME XVI

NUMBER 1

The
Monadnock
of the
CLARK UNIVERSITY
GEOGRAPHICAL SOCIETY

DECEMBER, 1941



"Here Nature has given much by withholding much. Here man found his birthright, the privilege of struggle."

—*Semple*



CLARK SCHOOL OF GEOGRAPHY

Faculty, Students, and Secretarial Staff—1941-42

Reading from left to right, top row, English, Trueblood, Gillett, Tutko; second row, Williamson, Adkinson, Mr. Burnham, Prunty, Kostanick; third row, Mrs. Battersby, Dr. Ekblaw, President Atwood (center), Dr. Jones, Miss Caldbeck; fourth row, Miss Gunderson, Dr. Van Valkenburg, Dr. Atwood, Jr., Miss Maher; fifth row, Argyropais, McKean, Hartman, Cox, Campbell; sixth row, Balk, Jensen, Matheson, Deasy.

(Photography by Merle Prunty).

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FIELD CAMP — 1941

GERTRUDE MCKEAN

We hope that this brief account of our field camp experiences brings back fond recollections of your own field days at Clark. If it provokes momentary memories of similar incidents when *you* were here — the fun, the little tragedies, the problems, the triumphs of discovery, the friendships of students and “profs” — it will have served its purpose.

THE EDITOR AND THE AUTHOR

Slowly a scattered caravan of unassorted vehicles labored up the steep grade and over the bumps of the driveway into Camp Lewis Perkins, a mile north of South Hadley, Massachusetts. At the summit it stopped; out trooped the Clark University geography faculty and seventeen student geographers with their meteorological and surveying equipment, and the field season of 1941 had begun. Truly rustic was this camp site, although it lay in the heart of the Connecticut Valley at the base of the Holyoke Range, for rabbits and skunks scampered across the clearing and a whole generation of wasps had to be evicted before we could take possession of the well-hidden sleeping cabins. At the base of the hill was a little lake, completely equipped with canoes, while a mid-slope clearing made a perfect softball field. Such a delightful location gave camp activities an auspicious sendoff, and the last point at issue was settled after Mrs. Sullivan, our cook, served the first lunch and proved that our favorite indoor sport would be a real pleasure.

Environmental relationships were forcibly and vividly impressed upon every member of the party almost at once, for the Triassic sandstone outcrops had prevented installation of modern plumbing and electricity. It soon became evident that among these geographers “the care and feeding of lamps” was an unexplored science; that it doesn’t help the performance of gasoline lamps to fill them with

kerosene; that either fluid dropped into milk doesn't improve the flavor; and that the amount of light received is directly proportional to the amount of pumping contributed. Meal times alternated "pump-pump" with "munch-munch," provided someone was altruistic enough to forsake his dinner for the common good.

Enthusiasm was running full tide when the "all aboard" cry echoed and we found that the sampan, for many years avoided if possible because of lamentable deficiencies in springs, top, and sides, had been allowed to rest on its tortured frame and would not be at camp. Still more surprising was the discovery that Dr. Wally, irked with his Lincoln Zephyr, had traded it for a new super-deluxe Chevrolet station wagon. Following a reconnaissance trip over the entire region, physiography and land use mapping in "the areas" began. After helping neophytes become accustomed to field problems, veterans pursued their fields of particular interest with special projects which included detailed study of the glacial lake and valley border features, relation of physiography to land utilization in both agricultural and urban areas, and surveys of industrial problems.

Nor were the classics neglected. In the wee small hours of a very cold morning two pianos pealed out "Country Gardens" in the best Grainger style, their harmony augmented by horn and cymbal. Alas! the symphony was a cacophony, for the two pianos were tuned a half tone apart and the reveille gong and an auto horn blended perfectly into the din. Helen Balk grabbed her thermometer and leaped out of bed, thinking the reveille denoted a temperature survey, while Burt Adkinson descended on the unappreciated musicians and restored a measure of peace and quiet.

Studying glacial debris wherever found sometimes entailed amazing conclusions. Most momentous was Dr. Jones' and Dr. Wally's discovery that some post-Pleistocene "glacier" had deposited unassorted and unstratified sand, gravel, and boulders in their beds. No tell-tale striae showed the direction of advance, but knowledge of local conditions indicated the source probably was the men's cabin to the north-northwest. Reversing a geological principle, the morainal debris "retreated" to its hypothetical point of origin, beating a loud rat-a-tat on the thin wooden sides of the other cabin as it hit. Vociferous denials from the men make it doubtful whether the complete history of this glacial advance has been deciphered.

President Atwood's birthday dinner was a real treat, especially because it was sandwiched into his busy schedule while en route to Kansas City. His efforts to extend interest in geography among laymen prevented participation in this year's field studies, and his

encouragement and help were much missed by veterans who had enjoyed the privilege of working with him and knew how valuable his aid could be.

An even more impressive group of guests than usual visited this year's camp. Earl Shaw, Les Trueblood, Julia Shipman, Shannon McCune, John Reith, Rita Kelly, and Celeste Budd all renewed old acquaintances. On the serious side, Dr. Robert Balk of Mt. Holyoke College briefly outlined the geological history of the Connecticut Valley, and Dr. H. A. Meyerhoff spoke on geography's place in national defense, with particular reference to the civilian program. Richard H. Jahns and Max Willard discussed informally problems encountered and progress made in their intensive study of the valley for the U.S.G.S., and led the New England Geological Conference field trip through the valley which Clark geographers took as a final reconnaissance.

Camp life was not all play and no work, but who will forget hash and baked weiners for breakfast; those involuntary feminine exclamations from icy showers and howls of protest as a pair of shoes descended on some fair snorer; or chasing Dr. Jones along a brush-covered esker, barely keeping in earshot while he exultantly exclaimed, "Isn't it a beauty?" Dr. Ek's trip through Rattlesnake Gutter was proclaimed one of the most worth while activities at camp, and many nights we went to bed expecting to be roused long before daylight for Dr. Van's temperature survey. Hours were spent discussing with Dr. Wally the question "Are stream-dissected lake sediments a terrace or a lake plain?"

The field season is an integral part of a Clark geographer's life, and no one will doubt its worth to each of us who attended. Veterans of the previous year took particular interest in watching continued unfolding of the physiographic history of the whole valley, and studying further the close relationships between physiography, land utilization, and industrial development. New students found the field work a fine introduction to the New England environment and its problems, for few areas offer such an excellent laboratory for study of geographical principles as the Connecticut lowland.

NEWS OF THE FACULTY

GEORGE HARTMAN

President W. W. Atwood and Dr. W. W. Atwood, Jr. left Worcester immediately after the 1941 Commencement and spent June, July, and the early part of August studying physiographic problems in the Rocky Mountains of the United States and Canada. They returned to Worcester in August for the wedding of the President's younger daughter, Mary, to Mr. Elliott Hedge of Boston. The remainder of the summer was spent at Clark in consolidating the results of their summer's field work. They plan to return to the same sections of the Rockies next year.

While Dr. Atwood, Jr. conducted the fall field trip, President and Mrs. Atwood traveled to the University of Kansas City where Dr. Atwood served as Visiting Lecturer in Geography during the month of October. During his absence from the Clark campus, he carried on field studies in the adjacent sections of Oklahoma and Missouri. While on this Mid-Western trip, the President was able to see several members of the Clark alumni: Dr. Sidney Ekblaw, Dr. Nels Bengtson, Dr. Esther Anderson and Dr. Carol Mason. President Atwood returned to Clark on November 7, and has now taken up his regular administrative and instructional duties at the University.

Dr. Clarence F. Jones left the Clark campus on June 6 on one of his frequent trips to South America, and he returned to Worcester in late September. His travels led him through southwestern Colombia, Ecuador, Peru, Chile, Argentina, Uruguay, and Brazil. The trip was a productive one, for besides his own personal observations and notes, Dr. Jones brought back with him many invaluable maps and pamphlets. Mrs. Jones and daughter, Ruth Ann, spent the summer in Oneida, Illinois, returning to Worcester shortly before Dr. Jones' return.

Alumni will remember Dr. Jones' son, Clarence V., and will be interested to know that he is now in training as aviation cadet at Victory Field, Vernon, Texas.

Before leaving for South America, the book entitled *Economic Geography*, written by Dr. Jones in collaboration with Dr. Darkenwald of Hunter College, came off the press. Dr. Jones has just completed the bibliographical section on Caribbean Geography in the *Handbook of Latin American Studies*. The latter is expected to be published in the near future.

Dr. W. Elmer Ekblaw, at the close of the academic year in June, gave a series of addresses on the topic, *Conservation Advantages of a*

Pasture Economy for New England, two of which were presented before the American Association for the Advancement of Science at the meetings in Durham, N. H. During the Summer Session at Clark he taught courses in Cultural Geography and Land Utilization and supervised the writing of eight masters' theses. In addition to his school work, Dr. Ekblaw was active during the past summer in the organization of defense preparations among the farmers of New England. He is still giving considerable time to the chairmanship of the Worcester County Board of Appeals of the Selective Service, and to the Rural Policy Organization of Massachusetts.

Clark alumni will be glad to learn that Dr. Ekblaw's elder son, W. Elmer, Jr., is in the radio school for squadron communications officers, at Scott Field, Army Air Corps, Belleville, Illinois. The younger son, Neil, is attending Cornell Law School where he was awarded a scholarship.

Dr. Samuel Van Valkenburg remained on the Clark campus to conduct courses during the Summer Session and to complete research on the *Evolution and Structure of European Agriculture*, the results of which are to be published in *Economic Geography*. In June, he was the official representative of Clark University at the Latin American Conference held at Connecticut College in New London. He traveled to Burlington, Vermont, early in October to serve as speaker at the Vermont Educational Convention. His topic was entitled *Climate and War*. At the present time, in addition to his other duties, Dr. Van Valkenburg is the representative of the Geography Department in the new division of International Affairs. Alumni will be interested to know that Dr. Van's son, Fred, is now in the Dutch Army stationed somewhere in England.

Mr. Guy Burnham conducted a course in Maps, Charts, and Graphs during the past Summer Session. Much of the remainder of the summer was devoted to the preparation of the large maps of the Western Hemisphere used by President Atwood at the University of Kansas City in October.

A new book entitled *America in a World at War*, to be written by members of the faculty at Clark for popular consumption as well as for teaching purposes, is partially completed and should be ready for publication early next year. Dr. Van Valkenburg is writing several sections and is editor of the book. Collaborators are Dr. Jones, Dr. Ekblaw, Dr. Atwood, Jr., Dr. Earl Shaw, and Dr. Ellsworth Huntington. President Atwood will write the foreword.

MERLE PRUNTY

This year's Clark graduate geography group rivals the workroom group of 1940-41 in its cosmopolitan character. Although but seventeen members strong, it contains representatives of nearly every section of the country and of several distant parts of the world.

From Western Washington College comes *J. Granville Jensen* to absorb geographic lore at the feet of the Clark staff. While in Washington, Granville was a student of Thomas F. Hunt, a former Clark graduate. Last year he taught at the Meridian School in Bellingham. Granville has been for some time the associate editor of *Ski Illustrated* and a member of the American Alpine Club, as well as being a professional ski instructor and alpine guide. He is accompanied to Worcester by Mrs. Jensen, and Bobby and Barbara, ages 6 and 3 respectively, whose pictures decorate his desk. Granville is working toward a master's degree.

Robert Campbell, former student of Louis Qualm at the University of Colorado, at which institution he received his master's degree in 1940, is another married member of this year's group. Mrs. Campbell, a native of Pueblo, Colorado, is a student in Worcester State Teachers College. Bob's home is Loveland, Colorado, at the foot of Longs Peak. For obvious reasons he usually has the last word in discussions involving the Rocky Mountains.

From Chisholm, Minn., *Catherine Cox* readily assures Worcester residents that the cold weather of Massachusetts is just a bit on the warm side! A former student of George Primmer and George Corfield at Duluth State Teachers College, where she was graduated in 1936, Catherine left a teaching position at Calumet, Minn., to fulfill residence requirements for a master's degree.

George Hartman, expert on the land of the "tall corn," received his master's degree at the University of Iowa last spring. While at Iowa, George was an assistant to Dr. H. H. McCarty, and therefore his interest in economic geography is easily understood. George's home is in Iowa City, Iowa.

From Cincinnati and Washington, D. C., *George F. Deasy* is well known to many Clark alumni for his numerous publications on vegetable oils and other geographic subjects. A graduate and former instructor at the University of Cincinnati, George resigned the post of junior geographer in the U. S. Department of State to complete work toward his doctorate at Clark this year. Mrs. Deasy, also a native of Cincinnati, accompanied George to Worcester.

Helen H. Balk, wife of Dr. Robert Balk, chairman of the Department of Geology and Geography at Mount Holyoke College, Mass., represents Hunter College and New York City at Clark this year. Mrs. Balk, who is working toward a master's, was graduated at Hunter College in 1932, and completed a year of graduate work at Bryn Mawr before her marriage. Mary Balk, age four, keeps her mother company in Worcester.

Of the seventeen members comprising the 1941-42 workroom group, the following eleven have returned from last year. *Lemonis Argyropais*, from Limni-Euboca, Greece, holds the distinctive position of living farthest from home, in which capacity he was unchallenged last year. Lemonis, a graduate of the University of Athens, plans to complete work toward his master's degree this year.

Gertrude McKean, former student of Phil E. Church at the University of Washington, is completing residence for her doctorate. She has to her credit a recently published article on *Tacoma, Lumber Metropolis*, which city is home to "Mac." During field camp, Gertrude studied intensively the industrial development of Holyoke, Mass., and is now preparing a paper on that town for future publication.

Burton Adkinson, sometime Californian, sometime Washingtonian, and another former University of Washington student, is busily engaged in completing his dissertation for the doctorate, entitled *A Physiographic Study of Glaciation in a Section of the Cabinet Mts., Montana*. He has done extensive field work in the Northern Rockies. Among his many other duties, "Burt" is proctor at Estabrook Hall.

Van H. English, from Greeley, Colorado, worked jointly with "Burt" upon their physiographic problem in the Montana Rockies throughout most of the past summer. He is an expert cartographer and master of the art of freehand drawing. This talent stands him in good stead in the cartographic laboratory course he conducts at Clark. "Van" plans to take his preliminary examinations for the doctorate shortly after Christmas, and then turn to collaboration with "Burt" in completing their joint dissertation.

Louis Kostanick, former student of Carl Stotz at the University of Pittsburgh, is completing studies preparatory for the doctorate. Louie recently finished his master's thesis on *German Trade Relations With the Balkans*, and is co-author with Merle Prunty of a paper to be published in the near future, entitled *Soils in Relation to Farm Economy at Mt. Warner, Mass.* Louie is master of several Slavic tongues.

Newell Gillett, who is working toward his master's, is a graduate of New England's own Bowdoin College, and a seafaring man of some ability. In this year's group, "Newt" is the sole member who calls Worcester his home. Although Uncle Sam threatened complications in Newt's educational career last spring, the war clouds thus far have skipped over our New England protagonist.

Stephen A. Tutko, also completing master's residence requirements, is a graduate of Muhlenburg College, Penn., and a resident of Allentown. With ten years teaching experience and four as a supervising principal, Steve has certain final and weighty words in each discussion involving teaching techniques.

Mary Francis Williamson, former student of Harley Milstead at Montclair State Teachers College, New Jersey, is engaged in field work for her thesis and completion of residence requirements for her master's degree. "Murph," whose geographic interests are primarily in physiography, is a skilled equestrienne and a lover of horses.

Sole representative of things Southern this year is Merle Prunty, who calls Newbern, Tenn., home. Merle received his master's at the University of Missouri in 1940 under the guidance of the late Dr. Sam T. Bratton. He is author of a recent article on *Strategic Metallic Alloys and United States Dependence*, and joint author with Louis Kostanick of a paper to be published in the near future, entitled *Soils in Relation to Farm Economy at Mt. Warner, Mass.* Merle was accompanied to Worcester by Mrs. Prunty and Sunny (Cocker Spaniel!). (Note: The Editor is responsible for this brief note about the writer of this article.)

Two other members of the C.U.G.S. group this year, students in International Relations but frequent visitors to the workroom, are Lester Trueblood and Graham Matheson. "Les" returned this year from Burma to finish work toward his Ph.D. During the past four and one-half years he was, at various times, Head of the Department of Geography and Geology at Judson College, University of Rangoon; Consulting Geologist to the Nathsingh Oil Company; and Senior Geography Master in the British Public Schools, Rangoon. "Les" has just completed work on an article entitled, *Rangoon: A Study in Urban Geography*, which will be published in the near future. Mrs. Trueblood, a native of England and a resident in Burma for some time, accompanied her husband to Worcester.

Graham, a return student in the Department of International Relations, and a Ph.D. candidate, spent two years in India teaching in the Allahabad Agricultural Institute. He is an inveterate traveller,

having circled the globe, as well as having been in every country in Europe, most of the countries of Asia, nine countries in South America, and several in North Africa.

The workroom group at Clark this year differs in several respects from the average group. Most notable difference is the maturity of the students. Among the seventeen present, seven are over 30 years of age, eight are between 25 and 30 years, and only two are younger than 25. Then, too, there are more married students than usual. Seven of the group are married, leaving only ten single students. In most other respects, however, the group is typical of those found in former years. The same intentness of purpose and spirit of good fellowship that characterized previous workroom occupants is present in full degree in the 1941-42 "gang."

SOCIAL EVENTS

CATHERINE COX

The delightful custom of honoring President Atwood on his birthday, October the first, was again renewed this year during the field period at Camp Lewis Perkins. Autumn foliage gathered by ambitious workers in the field decorated the main cabin in true party style for the occasion. Mrs. Sullivan, camp cook, and a great favorite of the entire group, prepared an especially fine dinner.

A short after dinner speech by C.U.G.S. President, Ralph Olson, paid tribute to President Atwood for his untiring devotion to Clark University Graduate School. The President responded with a short talk stressing the importance of geography in understanding and interpreting world affairs, and the need as never before for help from geographers in the solution of post-war problems.

A second field camp social took place on Sunday evening, October the twelfth, near the close of the camp period. It consisted of a dinner party plus a social hour. Special dinner guests from Smith College, Northampton, were invited. During the evening, games and relays contributed to making the occasion a jolly one for all. Group singing in front of the huge fireplace in the main cabin concluded the festivities.

Dr. and Mrs. Jones entertained the C.U.G.S. and the families of several members at their home on Friday evening, October the twenty-fourth. After a picnic main course, around the out-of-door fireplace in the rear of the grounds, the group gathered inside for dessert and card games. The rare treat of the evening was Dr. Jones' display of South American goods purchased this past summer.

Weekly teas in the workroom are again under way, supervised by Louis Kostanick and Catherine Cox, co-chairmen of this year's Social Committee. During a recent tea, Dr. Van Valkenburg presented the flag returned to us by our distinguished alumnus, Paul Siple, to Bob Campbell, acting President of C.U.G.S. This Clark flag had the unusual distinction of being raised with the American flag at the Admiral Byrd base in Little America.

FIRST AWARD OF LIBBEY RESEARCH FELLOWSHIP

The first award of the Libbey Research Fellowship of Clark University to an alumnus was announced by the staff in November, 1941. The recipient was Dr. William Van Royen, Assistant Professor of Geography at Brooklyn College, Brooklyn, N. Y.

With the aid of this fellowship Dr. Van Royen will undertake a study of the regional geography of the Dominican Republic.

Any Clark Ph.D. desiring further information about this fellowship will receive full details by writing to President Atwood at the School of Geography.

SUMMER SCHOOL ACTIVITIES

HELEN BALK

Clark Summer School began on June 30 with the registration of 157 students representing twelve states. Of those enrolled, 22 were registered as geography students, while 114 took courses in the department. These were primarily teachers working for their master's degrees.

The geography faculty consisted of three of the regular members, Dr. Ekblaw, Dr. Van Valkenburg, and Mr. Burnham. They offered courses in Human Geography, Geography of North America, Geography of National Defense, Geography of Europe, The Earth as a Planet, and a course in Maps, Charts and Graphs.

The C.U.G.S. carried on through the summer with its president, Robert Bergstresser, and its secretary-treasurer, Ann Flynn, officiating. At two of the four seminar meetings there were guest speakers. Dr. Preston James, who spent the summer at Harvard, spoke on South America. Dr. Ellsworth Huntington talked about *Natural Selection and Colonization*.

The Summer School session closed officially with graduation exercises on the evening of August eighth. Six students of geography received their master's degrees: Helen Carey, Hazel Handel, Lillian Holland, Harriet Long, John Reith, and Seymour West.

MEETINGS AND CONFERENCES

NEWELL GILLET

A.A.G. and National Council Conventions: The meetings of the Association of American Geographers being held in New York on December 29, 30, and 31 will be attended by the entire Clark staff of geographers as well as by some of the graduate students. President Atwood will present a paper on the Canadian Rocky Mountains. Dr. Ekblaw is the Vice-President of the A.A.G. and is a member of the land-use discussion panel. Dr. Atwood, Jr. will read a contribution on *Ice-Cap Erosion in Mountainous Regions*, and Dr. Van Valkenburg will present a paper on the *Structure of Italian Agriculture*.

The New York meetings of the National Council of Geography Teachers, December 31 to January 2, will also find most of the members of the Clark staff and some of the graduate students in attendance.

Geological Society of America: President Atwood and Dr. Atwood, Jr. will attend some of the meetings of the Geological Society of America, and both will present papers.

New England Geographical Conference: The meetings of the New England Geographical Conference will be held in Connecticut this year, probably some time in April. The dates for this conference will be announced in a later Clark News Letter.

CLARK BREAKFAST IN NEW YORK

All those who have been associated with the Clark School of Geography, as members of the staff or as students, will be most welcome at the annual meeting of the Clark group which, it is anticipated, will be held at the Barbizon-Plaza Hotel, Wednesday morning, December 31, at 7:30 A.M.

It is planned to have a simple breakfast, a few brief addresses, and then to adjourn so that all those present may attend the morning sessions of the A.A.G. or the National Council.

If you wish to attend, a note to President Atwood to that effect will help him in making arrangements for this gathering.

SOME PUBLICATIONS OF CLARK GEOGRAPHERS

(Up to October, 1941)

MARY F. WILLIAMSON, Compiler.

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"The Character of the Weather," *Scientific Monthly*, Vol. 52, No. 6, June 1941, pp. 534-538.
- Brooks, Charles F., "Hubert on the African Origin of the Hurricane of September, 1938," Blue Hill Meteorological Observatory, Reprint 5, 1940, from *Transactions Amer. Geophysical Union*, 1940, pp. 251-253.
- Church, Phil E., "Type Curves and Duration of Snow Cover in Washington," *Yearbook Assoc. of Pacific Coast Geographers*, Vol. 6, 1940, pp. 21-25.
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- Deasy, George F., "A New Type of Temperature Graph for the Geographer," *Monthly Weather Review*, Vol. 69, Aug. 1941, pp. 229-232.
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- Mason, Carol Y., "Water and Northwest Missouri," *Econ. Geog.*, Vol. 17, No. 4, Oct. 1941, pp. 389-398.
- McCune, Shannon, "Climate of Korea: Climatic Elements," *Research Monographs on Korea*, Series B, No. 3, Chicago, Korean Research Associates, 1941.

"Climate of Korea, A Selected Bibliography," *Research Monographs on Korea*, Bound with Series B, No. 1, Chicago, Korean Research Associates, 1941.

- "Notes on a Physiographic Diagram of Tyosen (Korea)," (co-author), *Geog. Rev.*, Vol. 31, No. 4, pp. 653-658.
- McKean, Gertrude L., "Tacoma, Lumber Metropolis," *Econ. Geog.*, Vol. 17, No. 3, July 1941, pp. 311-320.
- Primmer, George H. (co-author), "Industrial Strength of Belligerents Compared," *Jour. of Geog.*, Vol. 40, No. 7, Oct. 1941, p. 255-259.
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CLARK UNIVERSITY GEOGRAPHICAL SOCIETY OFFICERS—1941-42

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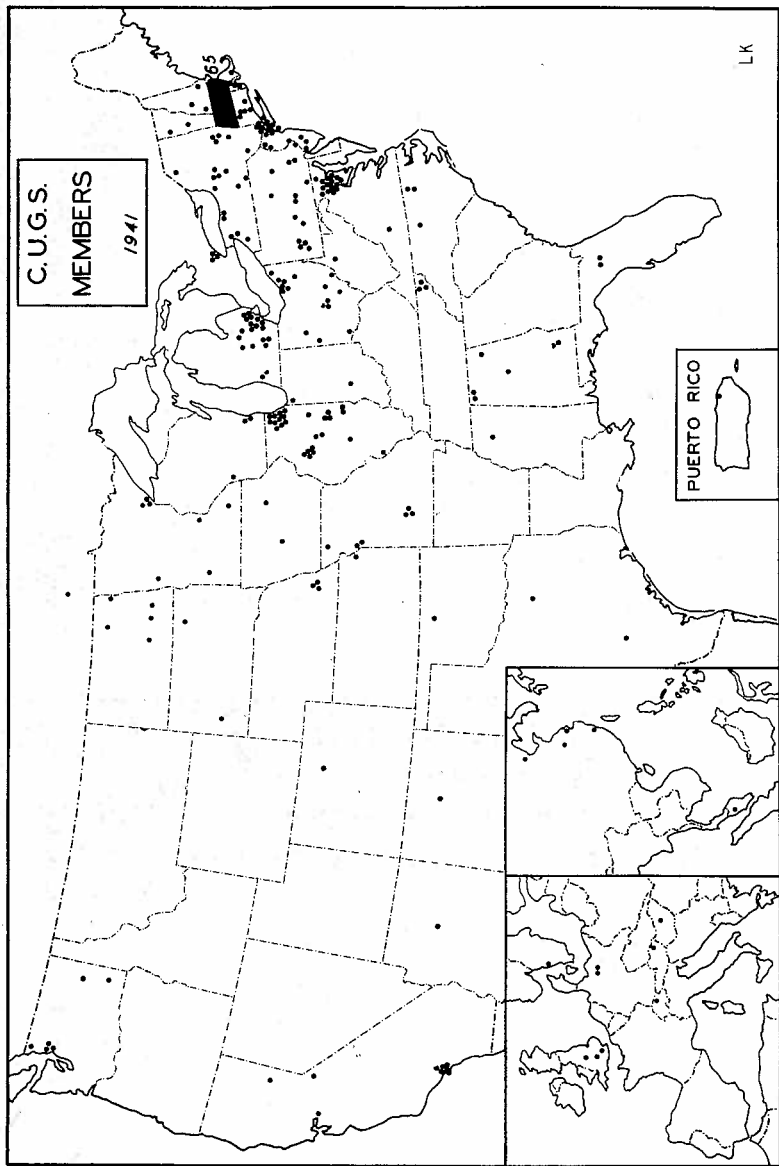
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C. U. G. S. MEMBERS—1941

This map represents the distribution of all members of C. U. G. S., as nearly as could be determined from the data available in the files of the Society. Errors have undoubtedly been made, since the addresses of some members are not known. In case a dot is not present in your particular locality, please inform the Editor.

(Information by Robert Campbell; cartography by Louis Kostanick).