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The Minnesota Alumni Weekly

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Minnesota Plant Life, Past and Present

THERE are approximately 300,000 species of plants known in the world today. Considerably more than half of this number are flowering plants. Within the borders of Minnesota occurring native or wholly naturalized, there are approximately 7,000 species. These are distributed among the major groups as follows:

Seed plants, 2,000; higher conifers, 13; ferns and fern allies, 70; liverworts and mosses, 500; lichens, 380; algae, including diatoms, 1,100; fungi, 2,500; bacteria, 300; and slime molds, 150. Total 7,013.

These figures are fairly accurate for the first four groups. As concerns the last i. e., the algae, fungi, bacteria and slime molds, they are much less reliable. The reason for this is clear. A large per cent of them are microscopic forms, difficult to find and easily overlooked. Also, some of these groups have been much less intensively worked from the systematic standpoint than the first four groups.

Of the approximately 2,000 seed plants and ferns growing spontaneous in Minnesota today, a little over one per cent are arctic or subarctic species, species that constitute an important element of the flora of Greenland, Labrador, Arctic America, and the outposts of flowering plants at high altitudes in the mountains. As characteristic examples of these may be cited Fragrant Shield Fern, the Moonwort, Mountain Cranberry, Primrose, Butterwort, Crowberry, and Cinquefoil. A considerable number of grasses and sedges are included among them. In Minnesota, they are chiefly confined to the immediate north shore of Lake Superior, but some occur on the higher ridges in Cook and Lake counties, and a few in the cool cedar and tamarack bogs toward the Canadian border. Many of them are circumpolar in distribution.

In this article are presented excerpts from the lecture "The Plants of Minnesota and Their Significance" given by Dr. C. O. Rosendahl, Chairman of the Botany Department, as one in the annual series of lectures sponsored by the Minnesota Chapter of Sigma Xi, honorary scientific fraternity.

It is certain that most of them hovered close to the ice front during the various stages of glacial advance and consequently they have not had far to travel to get back into their present abodes.

A conspicuous and very important part of our flora consists of what are known as boreal species. They constitute about 28 per cent of the group under discussion. They are chiefly confined to the region of the coniferous forest, but a few of them have either strayed or got stranded outside the evergreen belt. The scattered tamarack swamps immediately north of the Twin Cities are essentially outlying islands of boreal plants. About two-thirds of the two species are American boreal; the rest are of Eurasian origin, having migrated into America from Europe and Asia during the Tertiary when there were actual land connections between the old and the new world. Not all the plants within the coniferous region in Minnesota are boreal. There is a sprinkling of eastern, Alleghenian, and astral elements, and again it is difficult to say if these represent recent infiltrations or if they are relics.

Northern Trees

Typical boreal species among our northern trees are spruce, tamarack, balsam, white cedar, Jack and Norway pine, balsam, poplar aspen, white birch, and Mountain ash. These species, together with the white pine which is essentially sub-boreal, con-

stituted the once great timber wealth of Minnesota. If timber production is ever going to figure again as one of the important resources of the state, these are the species that have to be depended upon. They are the ones that can cope successfully with the trying conditions imposed by the climate and soil.

Associated with the northern trees is a rich boreal flora of herbaceous species, embracing many of the most attractive of our wild flowers. Among them are numbered the Twin flower, water arum, Sundrew, Clintonia, the true Moccasin, Ramshead, Lady's Slipper, Calypso, and Caral root. There are also typical shrubs including Kalmia, Labrador Tea, Bog Rosemary, and small cranberry, two kinds of blueberry, Snowberry, Honeysuckle, wild currants, and many more. Some of these are the chief native fruitbearing species of the north and they have always been an important source of food to man and animals alike.

The area originally occupied by the hardwood forests in Minnesota is populated principally by species of the Alleghenian flora. This is the brightest element in the state, numbering hundreds of species and constituting fully 36 per cent of all our flowering plants and ferns. One can get an idea of the general aspect of this flora from the region Lake Minnetonka, but to appreciate its richness it is necessary to travel down the Mississippi valley and prowl around in the side valleys of the Cannon, the Zumbro, the White Water, and the Root rivers. The most characteristic trees of the Alleghenian flora in southeast Minnesota are honey locust, black walnut, shellbark, hickory, black oak, swamp white oak, red mulberry, black maple, and Kentucky coffee tree.

These are accompanied by a very large number of herbaceous forms

among which the more typical are: The Skunk cabbage, green dragon, May apple, nertensia, woodland phlox, spring beauty, blood root, hepatica, yellow adders tongue, and squirrel corn. In the transition from the southeastern corner of the state at Otter Tail county about half of the Alleghenian species are progressively eliminated, and as regards some of the principal trees and shrubs we know pretty well where the last outposts of the species are located. For instance, the Honey locust stops at the Iowa-Minnesota line; the flowering dogwood at the mouth of the Root river (has become extinct); the witch hazel 17 miles below Winona; the shellbark hickory a mile north of Wabasha; the summer grape near Weaver; black oak at Wacouta.

Big Woods

While the Alleghenian flora is most varied in the southeastern part of the state, it reached its greatest expression somewhat farther northwestward in the so-called Big Woods. This forest extended from Mankato northwestward into Stearns county and eastward into Rice, Dakota, Hennepin, and Wright counties. It was about 100 miles long and 50 miles wide, and at the time the state was settled it was almost a solid stand of timber. This magnificent forest was composed principally of sugar, maple, elm, basswood, burr oak, and red oak, and it had an average height of 100 feet. Because of the excellent soil throughout the Big Woods, they were destined to be converted into farming land in a comparatively short time, and today there are only scattered remnants of the forest left. While they lasted they constituted one of the chief sources of revenue to the land owners. Even after they are gone their importance continues, because the surpassing quality of the soil is, in large measure, due to the countless generations of big trees that grew upon it.

To the west of the hardwood belt lies the prairie or open grassland. This characteristic formation occupies about one-third the area of the state, and its location is largely determined by climatic factors. Occasionally topographic and soil factors enter in, causing local intrusions of the prairie into the forest area and, on the other hand, extensions of the forest into the prairie region proper along river valleys and along lake shore. In the

Floods and Dust Follow Denundation

SOME of the best peat deposits in Minnesota are formed almost exclusively from Sphagnum moss and they are of real economic importance. The peat bogs also supply us with the most reliable information we have in regard to the vegetation that has existed and the nature of the climate since the last retreat of the ice. The practically indestructible pollen that is deposited with other material provides a ready means for identifying the plants that grew in and around the bogs and a key to the relative dominance of the various types.

Additional examples of the practical value of one or another of the native plants, or groups of them could be enumerated. But the full significance of our vegetation must be considered from the standpoint of the vegetation as a whole, as a living, dynamic structure, able to cope with the elements because composed of numerous diverse, yet integrated parts. This conception of it is too little appreciated or ignored completely.

The dust storms of the southwest, the floods of the east and soil erosion everywhere are mainly, if not wholly, due to the widespread destruction of the native vegetations. The immediate effects of too much denudation have not been as spectacular in Minnesota as in many places but they are everywhere in evidence. The very pronounced lowering of the water table over extensive areas of the state is not due alone to drough and drainage but to breaking of the prairie sod, over-farming, over pasturing and deforestation.

northwestern part of the state the prairie is comparatively narrow, but it widens southward and a tongue of it extends east of the Big Woods almost up to the Mississippi river in Goodhue and Wabasha counties. The steep, treeless south and west facing bluffs in the southeastern part of the state are local prairies, supporting a typical plains flora.

Prairie Plants

Most of the original prairie vegetation of this state is gone, transformed even more completely into farming land than are the Big Woods. Only along some of the railroad rights-of-way, old highways whose banks have not been completely despoiled of their best soil binding species, and on the more sterile knolls of the high coteau are the true prairie plants still to be found in a natural state. But from these fragmentary remains, and particularly through the early work of the State Botanical Survey, we know what the composition of this vegetation was. We know further that it is largely an austral element, the migrants having come principally

from the southwest and west, many of them from the foothills of the Rocky Mountains and far away Arizona. As evidence of this may be cited the occurrence of several species of cacti. These typical southwestern plants have found suitable habitats on such places as the quartzite ledges in Rock county, the granite outcrops near New Ulm, and on sunbaked sandstone outcrops in Houston county. In these localities they are growing in profusion and undisturbed security. About 16 per cent of the total vascular plant population of the state is very definitely of austral origin and naturally most of the species are limited in their distribution to the prairie area.

Recent Arrivals

Fully 10 per cent of the higher plants that one encounters in Minnesota are of comparatively recent arrival, having filtered in during the last 100 years. Most of them are adventive from Europe, but there are also some from Asia, tropical America and other parts of the world. They have become so thoroughly naturalized that the nonbotanist would generally regard them as part of the native vegetation. Some of them are valuable additions, as for instance white clover, sweet clover, alsike and timothy. Some are innocuous, but a very considerable number of them do go to make up the bulk of our troublesome weed flora.

In addition to inflicting heavy losses on agriculture many weeds are a menace to health. A survey of the hayfever plants of this state reveals that the principal species involved are to be found among the pernicious weeds. This is not a coincidence but rests on a biologic basis. To qualify as a hayfever plant the plant must be able to produce a large amount of wind-borne pollen. Furthermore, it must be sufficiently aggressive to occur in abundance. The particular species that possessed the essential weed qualities and chanced to be wind pollinated, naturally came to be the principal hayfever plants. The ragweeds lead the list and the other species that figure most prominently in this area are the following European or Asiatic introductions: Russian thistle, lambs quarter, kochia, pigweed, dock, sheep sorrel, plantain, sweet vernal grass, quack grass and orchard grass.

In the group of higher plants which makes the overwhelming part of the native vegetation, the kinds of species

that yield economic products directly are relatively small in number. They are mostly the trees, such as pine, spruce, tamarack, cedar, fir, oak, elm, basswood, maple, birch and a few others of lesser rank. The importance of many of these as an economic asset has greatly decreased owing to the efforts of those who have labored so devotedly to foster industries and develop backward communities. The record of accomplishment is spread over tens of thousands of square miles of cutover, burned-over, drained and devastating land. But it would be misleading to give the impression that the timber wealth of the state is mostly gone. There are tracts of virgin timber still standing and extensive areas of practically untouched wilderness for us to enjoy.

Lower Forms

The lower forms of plant life, although much the most numerous in our plant population, hardly ever evoke any interest at all on the part of the general public. The thought that they may have some practical value or be of some significance occurs to very few. Only when some plant disease causes great economic loss or when epidemics threaten the health of beast or man do any of these organisms make news, and then they are not thought of as plants but as rusts, smuts, bacteria, and germs. The useful labors that the members of these groups, and especially the micro-organism among them, perform for our benefit largely go unheralded.

The fungi, living either as parasites on living plants or as saprophytes upon dead plants play no inconsiderable role in the plant world. As parasites they are frequently very destructive but they are often associated with living plants in what is known as a symbiotic condition where both the parasite and host are mutually benefited.

One of the strangest manifestations of symbiotic relation between a fungus and another organism is the plant known as a lichen. Lichens are numerous in Minnesota. They grow on hard, bare rock, bark of trees, on soil and in the litter of the forest floor. They assume many forms and different colors but they have always the same fundamental makeup. Essentially they are a mass of interwoven fungal threads of hypha enclosing a group

of algae. The fungus builds the supporting framework, furnishing protection and the necessary moisture for the alga. The latter in its turn produces the food upon which the fungus lives. The partnership is mutually satisfactory, else there would not be so many lichens. It is one of the mysteries of nature that two wholly unrelated organisms should collaborate in such a way as always to build the same species of lichen.

The non-predatory or saprophytic fungi occupy a very important place in the organic world. These forms, together with the bacteria, perform the process known as decay. The chemical compounds elaborated and built into the structure of plants and animals are, most of them, too complex for succeeding generations of similar organisms to make use of. They must be broken down into much simpler compounds before the autophytic plants can take them up. If this process were not continually going on, organic material would accumulate to such an extent that a large part of the land surface of the globe would be untenable for the present type of food-manufacturing plant. The saprophytic fungus, of which mushrooms and toadstools are the visible expressions, attains, therefore, high rank as a catalyst in nature's laboratory. Incidentally, mushrooms as a source of food are nearly negligible. They rank lower than the

other kinds of fodder we ingest because they are just about as nourishing as cork.

The algae rank third in number of species of Minnesota plants, but being largely microscopic and principally aquatic they do not form so conspicuous a part of our vegetations as do the other major groups. It is unlikely that any other state has so abundant and varied an alga flora as Minnesota on account of the numerous lakes within our borders. Their abundance is often a detriment, especially in regard to a few species that increase so rapidly at times as to cause actual pollution of water. Fortunately, this is not of frequent occurrence. The chief value of the algal plankton is that it constitutes one of the principal sources of food for minute and microscopic aquatic animals which in turn are devoured by the small fish, water insects, and the like. It is a round about way to usefulness but if this important link were to be eliminated, the rest of the chain would also vanish.

Some of the larger algae are more direct in their process. The stone-worts or *Clara* plants are chiefly responsible for the deposits of marl which occur in many of our lakes. Marl is often 90 per cent calcium carbonate and is important as a fertilizer for agricultural land that is deficient in lime.

Record of Early Minnesota Plant Life

THE unequivocal record of Minnesota plant life dates immensely farther back than Pleistocene times and is supported by documentary evidence in the form of fossil remains. Within the borders of the state there was vegetation of subtropical nature, undoubtedly more luxuriant and probably more varied than the present one. More than 60 million years ago in the late Cretaceous period several genera of the present day Minnesota flora were present in the vegetation, but were represented of course by other species.

How did these plants happen to get preserved in Minnesota and what were they? About the middle of the Cretaceous the North American continent was completely bisected by a Mediterranean sea that stretched from the Gulf of Mexico to the Arctic Ocean. It covered most of the Rocky mountain region, the Great Plains and a large part of Minnesota. Rivers and streams flowing into this sea in the southern part of the state brought down leaves, twigs and fruits of trees growing on the adjacent land. The material has been preserved as fossils in the Cretaceous rocks.

From the valley of the Cottonwood river, from Mankato, Austin, Goodhue and other places have been recovered remains of about 40 species of trees, then indigenous to the region. Among them are Magnolia, Tulip tree, Plane tree, Persimmon, Cinnamon, Soapberry, and several kinds of Figs and Laurels. There were also pines, hawthorns, walnuts, alders, willows and poplars, some of which may have been the direct ancestors of our present species in these groups.

Seemingly out of place in the Minnesota landscape were the Sequoias, relatives of the Redwoods and the Giant trees of California, yet they have been found fossil, both at Austin and near New Ulm. During the Eocene period, Fig trees and Magnolias grew in Alaska, palms and crocodiles occurred in the Dakotas, and many trees characteristic of temperate North America abounded in Greenland. We can only infer what vegetation was like in Minnesota because conditions were unsuitable for fossilization. Who knows but what the campus was adorned with palms and that crocodiles disported themselves in the Mississippi and the Minnesota rivers?

Parole Group Holds Institute

THE Center for Continuation Study is becoming one of the high-activity spots of the campus as institute follows institute in the program being developed and supervised by Dr. Harold Benjamin, director of the Center.

Many of the short courses held at the Study Center might be listed as the first of the kind ever planned and this could be said of the institute being conducted this week for the parole and probation officers of the state. The problems confronting these officials were studied in a five-day conference which was held in cooperation with the Minnesota State Probation and Parole Association.

Those present studied delinquency, both juvenile and adult, its psychological and sociological aspects, the legal problems of probation and parole, institutionalization and emotional adjustment of offenders.

Faculty members who had a part on the institute program were the following: President Lotus D. Coffman, Dean Harold Benjamin, Professor Charles Bird, Professor Ralph D. Casey, Professor Wilbur H. Cherry, Professor Anne L. Fenlason, Professor Florence L. Goodenough and Starke R. Hathaway.

An institute for social welfare administrators and superintendents will be held in the Center March 1 to 6, Dean Harold Benjamin, adult education director, said this week.

Other institutes which have been scheduled for the Center later in the year are those on adult education, international relations and photography.

Leaves Faculty

Dr. E. C. Johnson, associate professor of agricultural economics at the University farm, announced this week that he has accepted the position of chief economist for the Farm Credit administration in Washington and will leave the University about March 15 to take up his new duties.

He will have charge of the economics section of the FCA, directing its research program and coordinating the work of statisticians in the 12 FCA districts.

Graduating from the Minnesota College of Agriculture in 1920, Dr. Johnson returned to the University

as instructor in agricultural economics three years later. In 1925 he joined the faculty of the University of Kentucky as assistant professor of agricultural economics but returned to Minnesota in 1929 in his present capacity and in the same year received his doctor of philosophy degree.

Fraternities Taxed

Sixty-eight campus fraternities and sororities will prepare to pay social security taxes in accordance with information sent to them this week by Carroll Geddes, financial adviser to student organizations.

These taxes, both state and federal, will average \$23.85 in 1936, \$71.55 in 1937 and \$95.40 in 1938-39 for each fraternity and sorority. Until 1949 they will continue to rise by changes in the federal old age annuity taxes.

Although several of the academic and professional fraternities and sororities have received instruction from their national chapters to protest the paying of the taxes on the grounds that fraternities are educational institutional institutions, or closely connected with such institutions, Mr. Geddes recommended that they pay.

New Members

Ten men were initiated into Xi Sigma Pi, professional forestry fraternity, in the party dining room of the University farm cafeteria.

The initiates are Philip C. Anderson, David L. Brink, Michael S. Cherynak, Albert Engstrom, Cuthbert F. Grafton, Joseph Kiffin, Thomas A. Schrader, Raymond J. Wood, Robert A. Zabel and Richard C. Smith.

New officers of Xi Sigma Pi, elected at a recent meeting, are Alvin Nelson, forester; James Kimball, assistant forester; and Scott Pauley, secretary-fiscal agent.

University Theatre

William Shakespeare's "Henry IV, Part One," familiar to University freshman English students, will go on the stage of the Music auditorium March 2.

The play is the fifth production of the University Theatre's current season and will be under the direc-



DEAN W. F. LASBY '04

Dean Lasby greeted the many graduates of the School of Dentistry who visited the Campus this week during the State Dental Convention which was held in Minneapolis.

tion of DeLisle Crawford, assistant director of the Theatre.

For the part of Sir John Falstaff, whose humor dominates much of the play, the Theatre has cast Charles Irving, who played the same part in the production of "Merry Wives of Windsor" last year.

A special matinee performance has been scheduled for Wednesday, March 3. A matinee will also be given on Saturday afternoon in addition to the five evening presentations.

Discuss Problems

Urging a "united front" of alumni and undergraduates to solve campus fraternity problems, George MacKinnon, state representative and former Gopher football player, outlined his plan to include alumni on the Inter fraternity council before a small group of alumni representatives at the Theta Chi house last week.

The meeting was called by Richard Stravs, president of Theta Chi, after a similar proposal which he introduced in the council meeting February 3 was voted down.

MacKinnon attributed the fact that only seven fraternities were represented to the short notice of the meeting.

Gophers Score Victory Over Iowa

THE Minnesota cagers continued their drive to claim a share of the Big Ten title honors Monday night in the Field House by defeating Iowa, 44 to 25. The Hawkeyes gave the Gophers a merry battle during the first half of the game and the score stood at 22 to 19 in favor of Minnesota at halftime. The great Gopher defense clicked in the second half to hold the visitors to a total of six points during the entire period. For a full 16 minutes the Iowans were not able to get a field goal.

Gordon Addington, sophomore forward, was the high scorer of the occasion with six field goals and one free throw for a total of 13 points. Johnny Kundla, the other sophomore star, was handicapped by an injury but he managed to collect eight points with three field goals and two free throws. As in the past conference games every member of the starting Gopher team scored from the field. Coach Dave MacMillan used a total of 11 men in the contest. A crowd of nearly 12,000 enthusiastic fans was on hand to watch the sensational Gophers in action.

Minnesota—	FG.	FT.	FTM.	PF.	TP.
Kundla, f	3	2	3	1	8
Addington, f	6	1	1	2	13
Nash, f-g	2	0	0	3	4
Halverson, f	1	0	0	0	2
Barger, f	0	0	0	0	0
Manly, c	2	0	2	1	4
Maki, c	0	0	1	0	0
Rolek, g	3	2	0	1	8
Seebach, g	1	0	0	3	2
H. Johnson, g	1	1	0	0	3
Lillyblad, g	0	0	0	1	0

Totals	19	6	7	12	44
Iowa—	FG.	FT.	FTM.	PF.	TP.
Stephens, f	4	3	2	2	11
S. Johnson, f	1	2	0	2	4
Bratten, f	0	0	0	1	0
Drees, c	1	0	1	3	2
DeHeer, c	0	0	0	0	0
Walsh, c	0	0	0	1	0
Van Ysseldyk, g	3	0	0	1	6
Thompson, g	0	0	2	2	0
Bobby, g	1	0	1	0	2

Lose to Purdue

The Gophers outscored Purdue from the field at Lafayette Saturday night but the final score favored the Boilermakers, 33 to 34. Jewell Young who scored 29 points against Illinois a week ago was held to seven points by the alert Minnesota defense.

Dick Seebach of Red Wing, the only senior on the Gopher squad, was given the job of stopping the Purdue ace.

The Boilermakers took the lead in the early part of the contest and were leading, 24 to 14, at the end of the half. In the second period the Minnesotans started to hit the basket and at the same time they tightened their defenses to hold the mighty Purdue sharpshooters to 10 points during the entire final period. With only seconds left, Johnny Kundla dashed in for a short shot to make the count, 33 to 34. The gun sounded before the Gophers had another chance to get hold of the ball.

Minnesota scored 15 field goals to 14 for Purdue. Bob Manly, center, was the high scorer for the Gophers with five field goals. Neither team was hitting very well from the free throw line but more personal fouls were charged against the Gophers and the Boilermakers collected six points on gift tosses to three for Minnesota. At Minneapolis two weeks ago the Gophers defeated Purdue, 41 to 44.

Purdue (34)	fg	ft	tp
Sines, f-g	5	4	14
Young, f	3	1	7
Anderson c-f	3	1	7
Seward, c	0	0	0
Malaska, g	3	0	6
Downey, g	0	0	0
Mangas, g	0	0	0
Totals	14	6	34

Minn. (33)	fg	ft	tp
Kundla, f-g	2	0	4
Nash, f	1	0	2
Addington, f	2	2	6
Manly, c	5	0	10
Maki, c-g	0	0	0
Rolek, g	4	1	9
Seebach, g	1	0	2
Totals	15	3	33

Referee, Feezle (Indianapolis) Umpire—Higgins (Minneapolis).

Personal fouls—Purdue—Sines, 1, Anderson, 2, Malaska, 1, Downey, 3.

Minnesota—Kundla, 3, Nash, 1, Addington, 1, Manly, 3, Rolek, 2, Seebach, 4.

Free throws missed, Purdue—Sines, 2, Young, 2, Anderson, 2, Malaska, 1, Downey, 4.

Minnesota—Kundla, 2, Addington, 3, Manly, 1, Rolek, 1.

Gymnasts Win

Three hundred and fifty contestants representing 30 organizations took part in the twenty-seventh annual Northwestern Gymnastic Society

meet at the University of Minnesota athletic building Saturday in one of the largest events of its kind in the country.

The University of Minnesota gymnastic team dominated the class A events by retaining its team championships, winning four of the five apparatus events and taking honors in individual events. Class B honors in team championships were won by Edison high of Minneapolis, while Minneapolis North took class C team honors. Luther College of Decorah, Iowa, won the class C open team award, taking the title from Duluth Y. M. C. A., 1936 winners.

The Edison "E" Club, formed of Edison alumni gymnasts, won the open college and club event which was formerly held by the University of Minnesota alumni.

Title Contenders

The University of Minnesota wrestling team won its seventh straight meet of the year by defeating Wisconsin 24½ to 6½ at the fieldhouse Saturday afternoon.

The Gophers scored four throws, one decision and a draw out of the seven events, while Wisconsin took one match and a draw. Captain John Whitaker led the Minnesota matmen by falling Orville Wyss of Wisconsin in one minute and 22 seconds.

The Minnesota team has two more meets this season, one with Iowa Saturday, February 27, following the Minnesota-Wisconsin basketball game, and the final meet with Illinois at Urbana on March 6.

118 pounds—Ross McCorquodale, Minnesota, defeated Howard Engle, Wisconsin, fall 2:12.

126 pounds—John Matlon, Minnesota, defeated George Feinberg, Wisconsin, time advantage 9:00.

135 pounds—Robert Zabel, Minnesota, defeated Howard Beecher, Wisconsin, fall, 3:36.

145 pounds—Laurence Lederman, Wisconsin, defeated Harold Heneman, Minnesota, fall 7:11.

155 pound class—Duane McConnell, Minnesota, and Joe Quincannon, Wisconsin, draw.

165 pounds—Stan Hanson, Minnesota, defeated Chester Piatkiewicz, Wisconsin, fall 6:15.

175 pounds—John Whitaker, Minnesota, defeated Orville Wyss, Wisconsin, fall, 1:22. Referee—Ed Shave, St. Paul.

Founders of The University

Alexander Ramsey, the first governor of Minnesota Territory, recommended in his message of January, 1851, that a university be established and that the legislature memorialize Congress for a land grant for the prospective institution. The legislature drew up such a memorial and as a result the grant of 1851 was made. Governor Ramsey was a member of the board of regents appointed by the legislature during the same session, and he was president of the board that was appointed under the charter of 1860. In 1869, when he was a United States senator, he introduced a "bill to allow" the second grant of land for the University. As a result of his efforts the bill was passed by Congress.

Alexander Ramsey was a native of Pennsylvania. In 1849, after service as a Pennsylvania congressman, he was appointed Governor of Minnesota Territory, a position that he held for the first four years of Minnesota's political existence. He was one of the negotiators of the Indian treaties of 1851, which opened the way for settlement west of the Mississippi. In 1855 Ramsey was mayor of St. Paul, and it may be noted that Ramsey County is named in his honor. He was governor of the state from 1860 to 1863; he served in the United States senate from 1863 to 1875; and he was secretary of war in President Hayes' cabinet from 1879 to 1881. Throughout his long career he was deeply interested in the advancement of Minnesota's educational and cultural interests.

William Rainey Marshall was a member of the first board of regents of 1851, its librarian, and a member of the committee that raised the money for the institution's first building. As governor he played a prominent part in the passage of the reorganization bill of 1868 and in his message to the legislature strongly recommended the passage of this bill to reorganize the university and to "establish an Agricultural College therein." Under the charter of 1868 Mr Marshall became *ex-officio* a member of the board of regents. He went to Washington in 1868 to "prosecute the claim to the second land grant" and drew up a petition that was presented to the Senate in April of that year.

Marshall was a prominent figure in the political and cultural life of Minnesota. He was president of the preliminary organization set up in St. Anthony in 1855 for the establishment of the Republican party in the Territory; he served as governor from 1868 to 1870; he was railroad commissioner from 1876 to 1882; and he took an active part in the Minnesota Historical Society as its president in 1868 and its secretary from 1893 to 1895. He was identified in numerous ways with the pioneer history of Minneapolis and St. Paul. He surveyed and platted the town of St. Anthony, was a pioneer merchant in St. Paul, and founded the *St. Paul Press*. Marshall County is named in his honor.

John Wesley North, as chairman of the house committee on schools in the territorial legislature in 1851, is said to have drawn up the bill for the establishment of the university passed in that year. He was treasurer of the board of regents appointed under this act. As a member and presiding officer of the Republican wing of the constitutional convention of 1857, he fought for a permanent location for the university and for a unified institution. At that time he claimed the credit for the decision to locate the university at St. Anthony, a provision of the act of 1851.

North was a Yankee with an astonishing flair for cultural, legal and economic pioneering, and his career has a transcontinental sweep. He was a graduate of Wesleyan University, he reached Minnesota in 1849, and six years later was one of the

founders of the Republican party in the territory. In the same year he built a mill on the Cannon River and in 1856 he took a leading part in the founding of a Minnesota city that was named Northfield in his honor. President Lincoln appointed him to the office of surveyor general of Nevada Territory in 1861. North later presided over the constitutional convention of Nevada and then became one of the judges of the supreme court of Nevada. Still later he was a pioneer fruit grower in California and became a United States judge in that state.

Henry Hasting Sibley, as territorial delegate to Congress, secured the first land grant for the university in February, 1851. He was a member of the first board of regents. As president of the Democratic wing of the constitutional convention in 1857, he used his influence to secure provision in the constitution for the university, "to make one great institution in the State for University purposes," and to "secure to the University of Minnesota the lands which Congress has already granted". Sibley was appointed to the board of regents after the reorganization of 1868 and served until 1891. He was president of the board for fifteen years, from 1876 to 1891.

Fifteen years before the creation of Minnesota, Sibley, the son of Judge Solomon Sibley of Detroit, arrived in Minnesota to take charge of the American Fur Company's business in this region. His Minnesota career spanned the period from 1834 to 1891, and in many of the movements and activities that make up the crowded history of that half century in Minnesota's life, Sibley played a prominent part. As a delegate to Congress from the portion of Wisconsin Territory that was not included in the state of Wisconsin, he secured the passage of the act creating Minnesota Territory. He served that Territory as congressional delegate from 1849 to 1853. In 1858 he became the first governor of the state of Minnesota. In 1862 he was made commander of the white forces that quelled the Sioux uprising of that year. The interest of this pioneer of culture in the university was matched by his interest in the Minnesota Historical Society, of which he was president from 1879 to 1891.

(Continued next week)

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The Reviewing Stand

W. S. G.

To the *Alumni Weekly* by carrier pigeon from Schenectady, New York, just as this issue was going to press came the following news release concerning the resignation from the publicity staff of General Electric Company of one R. W. Orth, better known to many Minnesota alumni as Bob Orth '30E, former assistant director of the University radio station WLB. It seems that he has been named assistant editor of one of the leading magazines in the engineering field.

This story, written in the heretofore inimitable style employed by Mark Twain while reporting from Nevada City the wonders of the Comstock Lode and the jumping ability of the frogs of that section, may border on the libelous in spots. But in view of the fact that there is a suspicion in high literary circles that the subject of the piece is also the author, the *Alumni Weekly* feels free to print an unexpurgated version without fear of legal retaliation.

Schenectady, Feb. 26—Today a situation, which for the last five years or so has hovered like a threatening cloud over this locality, became New York City's loss and Schenectady's gain. Bob Orth wrote his last publicity release under the above line and prepared to remove his belongings—both of 'em—to the worried island of Manhattan where on March 1st the staff of the McGraw-Hill magazine "Product Engineering" will be dismayed to find him working as an assistant editor.

Asked why he had decided to leave here, Orth explained that he had invested in G-E stock and wanted to see the company get ahead. Queried about the truth of this, a General Electric spokesman looked relieved but shot back Socratically: "Orth, when did he work here?"

Uptown in Schenectady several local businessmen checked their credit and collection departments and announced grimly that possibly Orth had made a good move.

Over on the sidestreets, several questionable characters, who refused to be quoted, admitted they were slightly acquainted with the alleged gentleman but really couldn't claim to know him since he always kept pretty much by himself to avoid buying anyone a drink.

The relatively few unmarried members of the Junior League here stated that his absence from the city would make no difference to them because they couldn't remember his having had a date with anybody for the last three years. Several intimated they had found him out long before that.

In New York City the McGraw-Hill organization neatly sidestepped any comment about Orth but ad-

mitted that "Product Engineering" was a leading magazine in the product-design field.

No impartial observers could be found, although one loquacious individual, who also refused to be quoted, stated that he had been forced to work in close proximity with the erstwhile G-E publicity writer and therefore had some inside dope to offer.

Orth, according to this source of information, had confided that he was leaving Schenectady with the usual mingled feelings of regret and anticipation. He had made friends here whose close companionship will never be duplicated. He had enjoyed a business relationship with G-E men that was not only a pleasant but a profitable and appreciated experience. But new fields always look greener—and sometimes are—and Orth had decided there could be no better time than the present to explore them.

In his new position he will miss his frequent contact with numerous editors in the business and technical publishing fields, to whom his G-E job introduced him and with some of whom his new work will be almost directly competitive.

However, he hopes that all of those whom he has been fortunate enough to meet—professionally, socially, and even otherwise—both before and during his sojourn in Schenectady—will look him up in New York City whenever they are able to do so.

His residence there will be in London Terrace, 415 West 23rd St., and his telephone number will be found easily by looking up the fictitious name, Zzyzo, which this year is the last listing in the Manhattan 'phone directory.

The inside dopester would say no more, but local historians were of the opinion that Arendt Van Curler, who just 275 years ago this coming summer founded the settlement that has since been known as Schenectady, may now once again rest quietly in his grave. (Advt.)

In the News

It is hardly news anymore when a new football star is discovered at Minnesota . . . except to the opposition in which case such a discovery comes under the classification of bad news. But during February a Minnesota astronomer made news with the announcement that he had located a hitherto unrecorded star in the heavens and a Minnesota alumnus attracted the attention of the news gatherers with his studies of the electrical state of the earth's outer atmosphere.

In a discussion of recent studies and discoveries concerning sunspots and radio in the February 15 number of the news-magazine *Time* there appeared the following comment on the work being done by Lloyd V. Berkner '27E.

In Washington last week Physicist Lloyd Viel Berkner of the Carnegie Institution told what is known or surmised, in the light of most recent researches, about "The Electrical State of the Earth's Outer Atmosphere." When radio waves of different frequencies are directed up at the ionosphere, some are bounced back to the starting point where the elapsed time is recorded while others escape into space. From this data the heights and densities of the layers can be calculated. Of the three major layers, said Dr. Berkner, the lowest (E) averages 65 miles high, the next (F1) 130 miles, the uppermost (F2) 190 miles. In summer the densities of these three, from top to bottom, are 16,000,000 ions, 5,300,000 ions and 2,800,000 ions per cubic inch. During the present sunspot cycle ionization has increased about 50% in the E and F1 layers, about 200% in the high F2 layer. Almost all the ionization in the lower layers seems due to radiation, but Dr. Berkner believes that much ionization in the F2 layer is caused by streams of particles hurled from the sun. It is possible that some ions are contributed by the swift, flaming fall of meteors.

The heights of the ionosphere shells change from hour to hour, from day to day. In June the two upper layers

are widely separated in the Northern Hemisphere where the noon sun is highest, in the Southern Hemisphere in that month they are merged, according to the findings of the Carnegie Institution's ionosphere stations in Peru and Australia. In December, the merging takes place in the Northern Hemisphere, the separation in the Southern.

Dr. Berkner pointed out that better acquaintance with the ionosphere has made it possible to say which short-wave frequencies will be best at different seasons and various stages of the sunspot cycle. Few years ago when many short-wave police radio stations were set up, the ranges were generally limited to 30 or 40 miles, since the signals escaped through the thin ionosphere into outer space. Now, with greater ion density in the upper air, messages for New York City police radio cars sometimes even carry across the Atlantic Ocean.

Sun and Weather

On the campus this week the professional mining and geological fraternity sponsored a lecture on the measurement of solar radiation. The speaker was Professor L. F. Miller of the Physics Department who has been engaged in research on the subject for the past two years at Tuscon, Arizona. He is correlating the variations in weather with the variations in solar radiation caused by the spots on the sun.

Professor Miller said his research is not yet complete; so he did not venture any assertions as to the effect of the sun's radiations on the weather. It will take another 6 months or so before he will have finished collecting enough data.

Professor Miller's research is being financed by a fund supplied by the University of Minnesota Graduate School.

New Star

And from the University this week came the announcement that Dr. William J. Luyten, head of the Department of Astronomy, had found one of the faintest stars ever seen. The Harvard observatory, with whom he is cooperating in his study of the heavens, has confirmed his discovery.

The star was found, he reported, during a survey of plates taken with a 24-inch Bruce telescope of the Harvard college observatory. Its position, he reported, is in the constellation of Aquarius, at a position in the



Here is an office view of Dr. L. J. Cooke taken back in the good old days when he was coaching the athletes in every sport except football and he assisted on the gridiron. In appreciation of his four decades of service to the men of Minnesota the M Club is sponsoring a drive for funds which will be used to secure a portrait of Dr. Cooke to be placed in the athletic building. All Minnesota men are invited to have a part in this gesture of appreciation and affection. Contributions may be sent to Otis McCreery, assistant dean of student affairs at the University.

sky about where the sun is now but at a distance of seven light years or 42 trillion miles from the earth.

Dr. Luyten pointed out that the star is one of our nearest neighbors in space. It is moving at the rather slow speed of 20 miles per second.

Last November, Dr. Luyten, in contrast to his present finding, discovered a nova or a newly observed star which proved to be one of the brightest stars ever seen by astronomers.

This star, at last 20 million times brighter than the sun, was found by Dr. Luyten while examining plates made at Arequipa, Peru in 1907. Examination of the plates by scientists at Harvard and at Mount Wilson observatory confirmed his findings.

Current Affairs Test

In *Time* magazine this week appeared the current affairs test prepared by two members of the Minnesota faculty, Dr. Alvin C. Eurich, assistant dean of the College of Education and Elmo C. Wilson, instructor in contemporary affairs.

It will be the fifth such test Dr.

Alvin C. Eurich, assistant dean of the College of Education, and Elmo C. Wilson, instructor in contemporary affairs, have compiled for *Time* magazine.

The test has six divisions covering contemporary life with a key to the correct answers at the end.

Each year one test covers events from October through the middle of January; the other, from January to June.

Before the questions appear in the magazine they are bound in booklet form for use in schools throughout the country, some using them for final examinations in contemporary affairs classes.

Average scores which Dr. Eurich and Mr. Wilson have compiled are 44 per cent for high school pupils, 54 per cent for college students.

Constant reading of current periodical matter is the only source for the questions, according to Mr. Wilson. Another such test, prepared annually for the American Council of Education, requires many of the same questions, he said.

Minnesota Women—

National Recognition

IT IS a rare teacher who wants to teach forever in the lower grades. To most teachers a position in the elementary grades is only a starting point from which to step up to the high school faculty. The ambitious teacher wants to climb up and up. The choicest plums are in colleges. More and more the teacher aims towards instructing older groups of students.

But Anna M Wiecking, who graduated in 1914 from the University, is included in *Who's Who* because she refused to do just that. She liked teaching younger children, and she persisted in training herself to do that thing well. Finally because of her excellent work, she won national recognition.

She is in charge of the college elementary school of the State Teachers College at Mankato. Through practicing of the adage, "Do the thing well," she has become known far beyond the city of Mankato, beyond the state of Minnesota, and is one of the leaders in elementary education.

Training

"As to choice of career, I came to the University with five year of experience in teaching young children," she pointed out. "In those days two years of training was considered ample for teaching grade children. When you went on to a college degree it was expected you would change to a 'higher' grade. The subject matter departments in which I worked at the University naturally tried to interest me in secondary teaching. I 'went through the mill' and received with my degree a diploma for high school teaching. However, I knew my real interest lay in younger children."

She took her work in education under Dean George F. James who thought she should use her ability and desire to work with younger children, and helped her apply for a scholarship at Columbia University where she received additional training. There she received an offer to remain as an assistant in a field of work that was of slight interest to her, and again she refused to be swerved from

working in the field of elementary education.

"My position in Mankato is chiefly administrative as I have charge of the College Elementary school which is a part of our laboratory for teacher-training. I am intensely interested in this field of work, chiefly I suppose because children always interest me no matter what they do; because elementary education is progressive and extremely varied; because no field has greater significance in child development."

"To train teachers in this field is a great responsibility and I never feel really adequate," was her admission.

Child Welfare

She might be better equipped in her field, she felt, if she had been able to attend the University's Institute of Child Welfare, and, "If I had had my present point of view when I was at the University," she said, "I should undoubtedly have gone into the Institute of Child Welfare, had there been one then."

However, she felt particularly fortunate to have as her adviser Dean James. He seemed to understand her needs as an individual, she believed, and made it possible for her to have classes under some of the fine teaching personalities she had heard about for a long time.

"Dr. Sigerfoos and his particular presentation of biology did wonders for my thinking . . . 'Dicky' Burton . . . Dr. Schlenker . . . Dr. Guy S. Ford were among the personalities that made lasting contributions to me, each in his own way."

Campus Activities

"I remember with great pleasure hearing Mrs. Ladd read to us before the fire," she said recalling visits with the dean of women. "Dr. Anna Norris went with us in a horseback riding class and made herself a gracious companion as well as a riding instructor."

"I remember racing to get one of the all-too-few tennis courts at 6 a. m. and early trips to the Bryant Avenue riding stable. I heard my first opera and symphony and saw my first good

actors and actresses while at the University."

Miss Wiecking was a charter member of the education sorority known as Pi Lambda Theta. And always appeared at initiations.

"We took our initiates to the roof of the new 'Gates Mansion' then under construction in Lake of the Isles district. We bribed some attendant to lead our blindfolded victims up the several flights to the roof where we conducted our initiation."

Thus she describes the ceremony which has now degenerated into a feeble, thoroughly dignified rite.

Miss Wiecking received her master's degree from Columbia University the year after her graduation from Minnesota, in 1915, and took her doctorate at the University of Iowa in 1933. She was training teacher at Michigan State Normal College from 1915 to 1917, and has been at Mankato State Teachers College since 1917.

Her Alma Mater she spoke of with particular fondness, and commented, "Of course I am proud I went to Minnesota. Although I have attended two other schools since, I have a really warm feeling about the excellent years of study I had at Minnesota."

And her record is a source of pride to the Alma Mater.

Short Stories

Connie Bovim '34Ed, now teaching at Austin, Minn., and Dorothy Sweet '33Ed, in Y' work in California, spoke at the National Amateur Athletic association Friday, February 19, in the Shevlin hall lounge and ballroom at 4:30 in the afternoon. Each spoke on their respective work in the field of Physical education.

Mrs. Arthur Brin (Fannie Fligelman '06), addressed the Grade Teachers' section of the Minneapolis Teachers League a short time ago.

Ruth Altman '36, an old friend in the "Great Waltz" cast, which produced the operetta in St. Paul this month . . . she appeared with the University Singers production of "The New Moon" last May.

Florence Lehmann Remington '23, addressed the Wells Memorial Business Women's club members at their dinner meeting at the Wells Memorial house recently, outlining some of her highlight experiences in feature writing for the newspaper and radio work.

Brief Notes About Minnesota Alumni

12,000 Minnesotans read this department each week for news of friends of College days.

Dr. A. K. Piggott (Adalya Kingsburg '84), is an osteopathic practitioner at 221 West Victoria street, Santa Barbara, Calif.

Elmer E. Adams '84, president of the First National Bank of Fergus Falls, Minn., is living in Pasadena, Calif.

Milton Dwight Purdy '92L, 70, until three years ago judge of the United States court at Shanghai, died Friday evening, February 12, in Honolulu where he had been visiting friends.

While in Minneapolis one of its best known figures, he was active all his life in political and legal affairs. Starting as a young man in the city attorney's office, he was then assistant county attorney and later assistant United States district attorney for Minnesota.

In 1908 he was named Federal judge by President Theodore Roosevelt, but through the opposition of Senator Knute Nelson, the appointment was not confirmed and Judge Purdy served only a few months in that capacity. In 1922 he was appointed assistant to Attorney General Harry M. Daughterty and in 1924 President Coolidge named him judge in Shanghai.

As judge there he served for 10 years, traveling throughout China, sitting at Tientsin and Canton as well as Shanghai.

Five years ago his wife, the former Belle M. Morin of Albert Lea, died while he was ill with cholera. An adopted daughter, Mrs. Florence Purdy Johnson, survives. Two nephews, one in California and one a viceconsul in France, are also living.

—1895—

Judge Manley L. Fosseen '95L, spoke at the annual father and son dinner of the Men's club of Trinity Methodist church, Minneapolis.

—1901—

James F. Bell '01, was re-elected director of the Northwest Bancorporation at the annual meeting of shareholders in Minneapolis. John Crosby '11Ex, John S. Pillsbury '00, David

C. Sheppard '06Ex, were others re-elected to the board of directors.

—1903—

Ray P. Chase '03, who has opened offices in Chicago, has also opened a law office in St. Paul. Mr. Chase, former congressman from Minnesota, delivered the Lincoln day address before the G. A. R. and allied patriotic organizations in Hotel Radisson.

Dr. H. G. Irvine '03Md, was recently elected president of the Minneapolis Council of Boy Scouts for 1937.

—1907—

John P. Devaney '07L, former chief justice of the Minnesota supreme court, left recently for Chicago where he is heading the commission appointed by President Roosevelt to mediate differences between the Chicago Great Western railroad and five labor unions. The threatened strike of 1,800 employees was voted to force back pay which the unions said had been granted by the national railway adjustment board. Judge Devaney said he will be in Chicago a month.

Mr. '07Ex and Mrs. Alfred E. Wilson, of Minneapolis, will spend much of their month's stay in California by visiting in San Francisco.

—1912—

Dr. '12D and Mrs. Kenneth V. Smith are leaving Minneapolis the first week in March for a month's vacation in Florida. They will spend most of the time at Miami Beach and plan a trip to Sanibel Island.

—1913—

Mr. Dayne Donovan '13Ex, joined his wife in New York from where they went to Miami. February 13 they sailed for a cruise to Jamaica, Haiti and Havana. On their return they will remain in the south for a week. The Donovans make their home in Minneapolis.

—1916—

F. E. Hodgson '16Ag, director of the State Experimental Farm at Waseca, Minn., and scoutmaster of Boy Scout Troop 85 for the past 16 years, will head the troop representing Southern Minnesota at the National Boy Scout Jamboree at Washington, D. C., June 30 to July 9.

—1917—

Oliver S. Powell '17, first vice-president of the Minneapolis Federal Reserve bank, pictured the comeback of northwest business at the Exchange club recently. Using 1929 as a basis of comparison with an index figure of 100, Mr. Powell said that last month

the index figure had risen to 86 compared with 50 at the low point of the depression in 1933. Retail sales he explained were only 14 per cent under the 1929 level while miscellaneous carloadings in December were the highest for any December on record in the bank.

Dr. '19Md and Mrs. George L. Merkert, of Minneapolis, are leaving the first part of March for the south, to return the first week in April. They will visit New Orleans, Havana, Panama Canal and the Central American countries.

—1919—

Peter A. Dworsky '19Ex, a member of the Aetna Life Insurance company for central and northern Minnesota, has for the second consecutive year led the field forces of the company in United States and Canada, it was announced. He has been in the insurance business in Minneapolis since 1919.

Mr. '19Ex and Mrs. W. E. Schmitt, of Minneapolis, have left for a visit of two or three weeks in Florida. They will see Mr. Schmitt's mother, Mrs. Paul A. Schmitt in St. Petersburg, and will stop in several other Florida cities before returning.

—1920—

Dr. Edwin C. Johnson '20Ag, associate professor of agricultural economics at University Farm, has been appointed chief economist for the farm credit administration. He will leave the University in March to assume his new duties in Washington. Dr. Johnson will direct the research program and co-ordinate work of statistics in the 12 FCA districts. In his study, teaching and research he has specialized in agricultural credit and land economics and has written several agricultural extension bulletins for Minnesota farmers.

Dr. Martin C. Bergheim '20Md, of Hawley, Minn., attended the post-graduate medical institute held at the Center for Continuation Study at the University of Minnesota during January. Dr. Bergheim gave a lecture at the Institute on January 29 on "Obstetric Problems in Country Practice."

—1921—

Dr. Owen H. Wagensteen '21Md, professor of surgery in the Medical School, was guest speaker at a dinner given by Incus, honorary senior medical fraternity, last week.

Thomas Gallagher '21L, Minneapolis attorney, and James R. Landy,

collector of internal revenue for Minnesota, were in Washington where they attended the recent Farley testimonial dinner.

—1922—

Otis C. McCreery '22Ag, '28Gr, assistant dean of student affairs, spoke on "Fraternity Progress" at the Founders day banquet of Phi Kappa Psi fraternity. He traced the growth of American college fraternities since the first half of the nineteenth century during which the majority of academic fraternities were founded.

—1924—

Paul S. Amidon '24Ed, superintendent of the St. Paul public schools, was principal speaker at the mid-year dinner meeting of the Educational Club of the College of St. Thomas this week.

Alice Scheer '24P, from the Gillette State hospital in St. Paul, president of the State Hospital Pharmacy association, attended the three-day course at the Center for Continuation Study. "No one realizes as yet the possibilities of the program or the tremendous length to which it has grown and is still growing," she commented on the course.

Dr. Fred Kumm '24Md, has recently been made health officer of St. Petersburg, Fla. Just previous to being elected health officer Dr. Kumm was in the Army Medical corps at Fort Snelling.

—1925—

Donald Davidson '25, '28Gr, London, sees a boom in copper. Dr. Davidson, consulting geologist for copper mining interests in Africa, now visiting his parents in Minneapolis, stated that a mounting demand for copper in industry has brought a revival of operations in the copper mining districts of the United States.

Clifford I. Haga '25, instructor in English, discussed the subject of applying for a job to Institute of Technology students. This was the first talk of a series planned by the Institute's placement service.

John Mashek '25Ed, '33Gr is teaching this year at University High School. He had been social science instructor at Fargo, N. D.

—1926—

Dr. '26 and Mrs. Paul F. Dwan have as guests Dr. Dwan's mother, Mrs. John Dwan, of Ithaca, N. Y., and their nephew, Peter Dwan, whose parents are visiting in Florida. Dr. and Mrs. Dwan recently returned

Memories from the Good Old Days

ON Monday, June 14, the members of the five-year classes from 1877 to 1932 will hold their quinquennial reunions on the campus. Class committees will soon be appointed to make plans for the reunion luncheons and other Alumni Day activities. A committee of the class of 1912 will be in general charge of the arrangements for the Alumni Day program. The classes scheduled to hold reunions this June are 1877, 1882, 1887, 1892, 1897, 1902, 1907, 1912, 1917, 1922, 1927 and 1932. Here is a brief review of campus events in two of these years.

Twenty-five Years Ago, 1912: The all-University student council passed a resolution asking that Minnesota withdraw from the Western Conference because of unsatisfactory schedules and because of a lack of proper regulation in eligibility matters . . . A University tennis club was organized with the following officers: Sieferde Stellwagen, president; E. B. Pierce, vice president, Jay Poucher, treasurer, and Helen Knowlton and Joe Armstrong, directors . . . Following a fire in the quarters of the College of Dentistry the students moved to the laboratory of the new engineering building to continue their work . . . William Jennings Bryan was brought to the campus under the auspices of the Good Government club . . . Ada L. Comstock, resigned as dean of women at the University to accept the presidency of Smith College at Northampton, Mass. . . Dr. Anna Phelan assisted University girls in the organization of the new College Suf-

frage club . . . The Regents voted to change the title of the College of Law to the Law School . . . The first class was graduated by the School of Nurses. The members of the class were Margaret Ames, Mary M. Marvin, Mary Mark and Olga Skonnard.

Ten Years Ago, 1927: Howard Haycraft, managing editor of the Minnesota Daily, named Leslie Shroeder to serve as editor-in-chief of the publication for the remainder of the term, to succeed Donald Whitney, resigned . . . Mike Gary and Elizabeth Schmitt were the grand march leaders at the annual Junior Ball. Sleeveless and knee-length gowns were in vogue for the ladies . . . At a student mass meeting the proposed state anti-evolution bill was protested . . . Lloyd Hoover was elected general chairman of arrangements for Engineers Day. The Arabs, engineering dramatic club, presented a musical comedy with all-male cast. The book was written by Paul Nelson '26, and Lawrence Anderson '27.

from a vacation trip in Palm Beach, Fort Lauderdale and Miami.

—1927—

Dr. Stanley S. Chunn '27Md, has opened offices at 123½ West Main street, Pipestone, Minnesota, with practice limited to eye, ear, nose and throat diseases including Bronchoscopy and Esophagoscopy.

Leslie J. Gustafson '27, who for the past seven years has been principal of the Barnesville, Minn., high school, has been elected assistant junior-senior high school principal at Austin, Minn.

Orville Clyde Peterson '28, '30L, '33Ed, '34Gr, is a member of the Resettlement Administration in Washington, D. C. For two years from 1934 to 1936 he was an assistant in the political science department at the University.

Philip A. Beardsley '28Ed, is teaching English classes at Winona, Minn. He was formerly instructor at Greenbush, Minn.

Oscar F. Muesing '28P, pharmacist from Nicollet, Minn., attended the

three-day pharmaceutical short course at the Center for Continuation Study at the University this month.

"Even in the short time since I graduated in 1928," he said, "I have found many new and interesting things in my field that I should keep in touch with. You can't remember everything you learned in school. This type of course not only refreshes memories, but it implants new ideas in many an old head."

A current affairs test prepared by Elmo C. Wilson '28, instructor in contemporary affairs, and Dr. Alvin C. Eurich, assistant dean of the College of Education, appeared in a late issue of Time magazine.

It was the fifth such test they have compiled for the publication. The test has six divisions covering events from October through the middle of January.

Three years ago Mr. Wilson visited the editor of Time and persuaded him to use such a test. More than 40,000 readers sent in their scores. Before the questions appear in Time, they

are bound in booklet form for use in schools throughout the country. Average college scores are 54 per cent.

Cyril J. Hoyt '28Ed, has changed teaching positions from Vermillion, S. D., to Minot, N. D. He is teaching science and mathematics.

Dr. John F. Briggs '28Md, who has recently returned from a visit in Europe, talked on his experiences there before the Ancker Hospital Association, Ancker hospital, Minneapolis.

Glacia Cole '28Ed, has taken the post of librarian at Staples, Minn. She was formerly librarian and English teacher at Granite Falls.

Ina Campbell Wendell '28Ed, with Dr. Harl P. Douglass of the University of Minnesota has written an article for the November *Elementary School Journal*. Member of the staff of Wendell Phillips Junior high school, Minneapolis, she summarizes a case study of 37 pupils who were failing in junior high school. Comparison is made as to ge, intelligence, home background, and achievement scores, with pupils who were succeeding.

—1929—

Dr. W. H. Gilsdorf '29Md, of New England, N. D., has enrolled in the special ophthalmology short course offered by Minneapolis General hospital. Dr. S. B. Seitz of Minneapolis is conducting Dr. Gilsdorf's practice.

Donald B. Chalmers '29Ed, who has been teaching science and physical education at Thief Rier Falls, Minn., since his graduation, has moved this year to Edina, Minn., where he is teaching similar subjects.

Mrs. Malvin J. Nydahl (Audrey Bloomgren '29), of Minneapolis, has returned from Chicago where she was visiting two friends, Mrs. William L. Pereira and Mrs. E. H. Burdick, Jr.

Dr. H. N. Wright '29Gr, of the department of pharmacology spoke at the Mayo Clinic in Rochester on February 18 on "Physio-Chemical Properties of the Arsphenamines in Relation Toxicity and Therapeutic Efficiency."

—1930—

S. E. T. Lund '30Gr, '36Gr, chemistry and science teacher at University High School until this year, has accepted a position on the staff of the University of Tennessee at Knoxville.

Medical Lecture

Dr. Henry E. Sigerist, Director of the Institute of the History of Medicine at Johns Hopkins University, will deliver the William W. Root lecture sponsored by the Minnesota chapter of Alpha Omega Alpha. It will be held in the Medical Sciences amphitheatre at 8:15 p. m. on March 2 and the public is invited. The subject of the lecture will be "Leprosy and Plague in the Middle Ages".

Dr. Sigerist was born in Paris, France, and studied medicine at the Universities of Zurich, London and Munich. From 1921 to 1924 he was professor in the History of Medicine at the University of Zurich. From 1925 to 1931 he was director of the Institute of the History of Medicine at the University of Leipzig. He has been in this country since 1931.

—1931—

Mr. and Mrs. John W. Shaw (Lila Bonhus '31), of Minneapolis, who sailed from New York February 20 for a year's trip abroad, were guests of honor at several affairs given by friends in their honor before their departure. Mr. and Mrs. Shaw stopped in Detroit en route east to visit with Mr. and Mrs. C. C. Wilmot, uncle and aunt of Mr. Shaw.

Ralph E. Jones '31E, who has been with the Minneapolis Moline Power Implement company since November, 1935, is now in Phoenix, Ariz., as field man for Mr. H. Warming and is taking care of the experimental tractors the Moline company ships to be worked in the fields during the summer months. He expects to return to the Minneapolis factory in April.

Mr. Jones worked as an assistant in the Tractor Laboratory of the Experimental Engineering department in Minneapolis until last April when he was sent as a factory service man in the Service department at Peoria, Ill. From May until September he worked in the Omaha, Neb., branch, and was called back to the Minneapolis laboratory then. He worked at the Minneapolis plant until December when he left for Phoenix.

Mildred C. Bakke '31Ed, who for the past four years has been teaching

at Lester Prairie, Minn., is English and journalism instructor this year at Winona, Minn.

—1932—

Dr. '32Md and Mrs. A. A. Kugler (Catherine McIntosh), of St. Paul, Minn., have named their daughter, born January 18, Catherine Joan.

Reuben Magnuson '32Gr, political science and debate instructor at Augsburg College last year, has charge of debate and history classes at Ironwood, Mich., Junior College.

—1933—

Jane L. Albrecht '33Ed, and Frank C. Alexander '34Ag, were married January 14 at the Edgewater Beach hotel in Chicago. They are at home in that city.

Harvey W. Stenson '33Ed . . . assistant to the dean of student affairs at the University . . . and well-known for his chatter comedy act . . . was on the program of the Des Moines club.

Neota Silvers '33Ed, of Washington, D. C., and W. Travis Hall, also of Washington, D. C., whose family home is in West Virginia, will be married in June in Fergus Falls, Minn., home of Miss Silvers. Miss Silvers is a member of Alpha Omicron Pi sorority and Theta Sigma Phi professional journalism sorority.

Mr. '33L and Mrs. Eugene V. Rogers (Katherine Struble), of Louisville, Ky, have named their daughter, born on January 29, Margaret Frances.

Laura Harriet Frost '33Ag, Kappa Delta alumna, and Robert Henry Rosenwald '34Gr, '36Gr, who received his doctor's degree in chemistry here, were married Saturday, February 6, at the home of Mr. and Mrs. Harry J. Frost, parents of the Aanstad, rector of St. Matthew's Episcopal church, read the service.

Juanita Zehnder was the only attendant of the bride's. Milton King of St. Paul was best man.

One hundred guests were received at the home of the bride's parents after the service. Friends of the bride who assisted at the reception were Carol Rosenwald, Dorothy McManigal, Marguerite Mitchell, Helen Griswold, Dorothy Rosenwald, Dorothy and Mae Zehnder and Mrs. Robert Mitchell.

Mr. and Mrs. Rosenwald have gone to Riverside, Ill., where they will make their home. Mr. Rosenwald received his bachelor's degree from North Central College, Naperville,

Mary Turner '33Ed, field secretary of the board of foreign missions of the Presbyterian Church in the United States, arrived February 5 from New York for a brief visit with her mother, Mrs. Lydia Turner, 2732 Pillsbury Avenue, Minneapolis.

Adelaide Creal Lacy '33 told friends of her engagement to Leonard Charles Erickson '33Ex, at a surprise luncheon by small ribbon-tied rolls which included the wedding date notation, Friday, March 19. Eunice Hokenson will be maid of honor. Miss Lacy chose her sister, Mildred Lacy, and Laurella Mains as bridesmaids. Mr. Erickson will have Clifford N. Carlson for best man. Ushers will be Lowell Carlson and Carroll Davidson. The ceremony will take place in Judson Memorial Baptist church with a reception in the Lacy home.

Marriage announced . . . Donald C. Rollins '33E, a member of Sigma Xi, and Jane Welch. The marriage took place October 2. They are at home in Charleston, W. Va.

Robert Hanson '34P, pharmacist at Rushford, Minn., attended the three-day pharmaceutical session of the Center for Continuation Study February 15-17 at the University.

Engaged—Adelaide Rowley '34, Pi Beta Phi, and Myles LaGrange Mace '34L, Alpha Tau Omega. The engagement was made known at a small dinner given February 6 at the home of Miss Rowley's parents, Professor Frank B. Rowley, teacher of mechanical engineering and head of the experimental engineering laboratories at the University, and Mrs. Rowley. Miss Rowley also attended the Minneapolis School of Art. Mr. Mace took work also at the St. Paul College of Law and then entered the graduate department at the School of Business Administration of Harvard University.

Dr. Kenneth L. Bray '34Md, is now associated with Doctors Hanson and Charles A. Houston '01Md, in Park Rapids, Minn.

Born to Mr. '34ME and Mrs. Merwin S. Parks a son on January 19. They have named him Robert Merwin.

Mr. and Mrs. William K. Laivell (Ruth Lyon '34), are visiting Mrs. Laivell's mother, Mrs. J. D. Lyon, and Mr. Laivell's mother, Mrs. W. K. Laivell, before going to Willmar, Minn., to make their home.

Dr. Harold C. Proctor '34Ex, and Vivian Jewell were married Friday evening, February 5, at the home of the bride's parents in Minneapolis. Marjorie Jewell, a sister, was the only bridal attendant. Eldred Walling was best man for Dr. Proctor.

Edward G. Pleva '34Ed, is an instructor in the department of geology at the University of Syracuse, Syracuse, N. Y.

—1935—

Dr. Ellsworth Barnard '35Gr, who was English teacher at Massachusetts State College has been appointed assistant professor of English at the University of Tampa, Florida.

Axel Hyttinen '35C, is working for the Longview Fibre company of Longview, Wash.

Lois Curtis '35Ed, now teaching home economics at Blooming Prairie, Minn., spent Christmas vacation at Laguna Beach, Calif., visiting her parents.

Florence MacDonald '35Ag, who is dietitian in charge of Private Patient Visitation for the University hospitals of Cleveland expects to spend a month in Minnesota very soon after spring is on its way somewhat so that the change from the milder Cleveland weather will not be so extreme . . . her address in Cleveland is 2065 Cornell road.

A spring wedding is planned by Betty Berry '35G, Alpha Gamma Delta, and Frederick W. Anderson '36G, Sigma Alpha Epsilon.

Keith Bleuer '35E, of Chicago, Ill., was recently married to Janice Schutter of Rock Island, Ill. Mr. Bleuer is employed at the Western Electric Company in Chicago.

Leonard J. Larson '35E, who has been senior foreman with the Soil Conservation Service at Red Wing, Minn., since graduation, was promoted December 1, 1936, to junior agricultural engineer, doing designing of gully control structures and terracing. He was married last March 14, 1936, to Mildred Lind of Red Wing.

—1936—

The wedding date of Paul G. Velz '36E and his fiance Betty Busch '36Ex, Delta Gamma, will be April 10, and the marriage will take place in St. Joseph's church, Minneapolis. An evening dinner and reception will follow the ceremony.

Miss Busch has chosen her cousin, Mary Busch, as maid of honor, and Louise Speich '36Ag for bridesmaid.

Carl Schneider will attend Mr. Velz. The ushers will include a brother of Miss Busch's, Frederick, an uncle, William Busch, and Karl Velz, a brother to the bridegroom-elect.

Mr. and Mrs. William L. Robinson (Isabel Lane '36Ex), who have made their home in Minneapolis since their marriage last fall have moved to Alexandria, Minn.

Justin A. Karon '36Ed, is teaching in the junior high school at Mora, Minn. He was manager of the University bands in 1935-6.

Margaret M. Mrks '36Ed, is teaching music at Lake Benton, Minn.

Von Sun '36Gr, is a professor in the College of Agriculture of the National University of Chekiang, China. Before returning to China he traveled extensively through the United States.

Walter R. Ohde '36Ed, has a position in Anoka, Minn.

Erich H. Eichholz '36Gr, is teaching in Marshfield, Wis. He has been a student at Heidelberg University in Germany and is a member of the Heidelberg German club, at the University.

Audrey H. Engelhart '36Ed, is teaching music and English at Brice-lyn, Minn.

Norma L. Lee '36Ed, is pedagogue in English and Latin classes at Osceola, Wis.

Leah Liss and Harvey D. Cook, former students, are engaged. Mr. Cook is a member of Phi Epsilon Pi fraternity.

Helen Abplanalp '36Gr, an active member of the W.S.G.A. and W.A.A. is teaching Latin classes at Granite Falls, Minn.

Leonine Cundy '36Ed, active as an undergraduate in the International Relations club, Cosmopolitan clubs, and similar organizations, is teaching grades three and four at Morton, Minn.

Vance Jewson '36B, now a graduate student in business, was appointed graduate assistant in the student affair's office, Dean Otis C. McCreery, assistant dean of student affairs announced last week. Jewson is chairman of the student committee for the new Union.

Mr. and Mrs. Arthur C. Christensen (Grace Conary '37Ex), of Mankato, Minn., spent a few days in the Twin Cities recently as guests of Mrs. Christensen's brother-in-law and sister, Mr. and Mrs. Raymond R. Footh.

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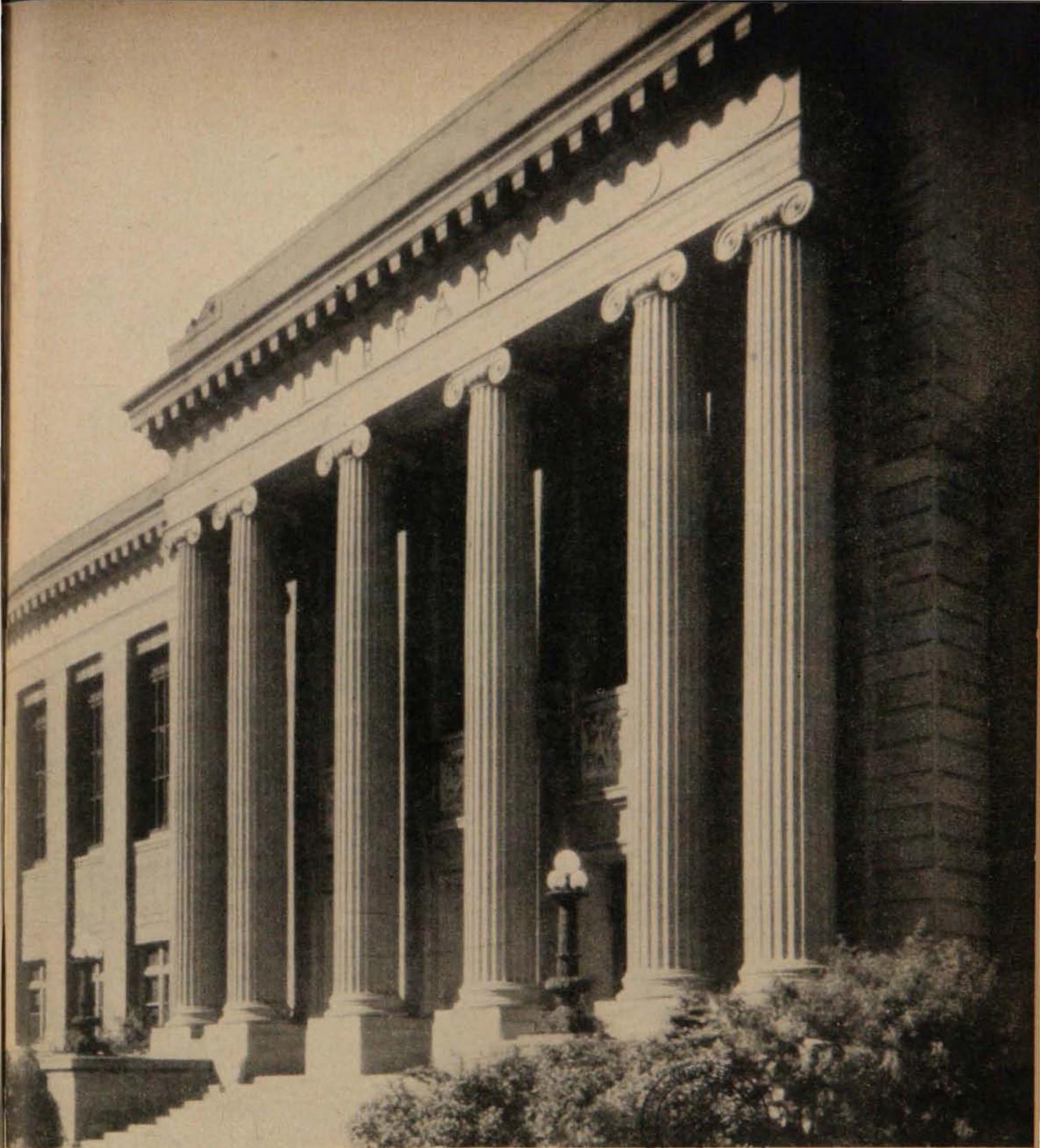
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The Minnesota Alumni Weekly

Vol. 36

MARCH 6, 1937

No. 23

OFFICIAL PUBLICATION OF THE UNIVERSITY OF MINNESOTA ALUMNI ASSOCIATION

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The Minnesota Alumni Weekly

The Official Publication of Minnesota Alumni

VOLUME 36

MINNEAPOLIS, MINNESOTA, MARCH 6, 1937

NUMBER 23

Minnesota Supports Varied Animal Life

ANIMALS are a vital factor in making Minnesota profitable for man. The previous speakers have outlined the value of the minerals and the plants to Minnesota. The direct income derived from the sale of native animal products may not equal the income from minerals or from plants, but the animals are as essential to the welfare of man as either of these other items. Indeed, all three are necessary for the proper conditions for the life of man and his domestic animals.

"Animals" include all of the forms of life with the exception of the plants. This covers everything from microscopic protozoa to the large buffalo or bison, and even includes man himself. Many thousands of species or kinds of animals exist in Minnesota.

Animals are important or significant to man in many ways. The greatest significance of animals to man is not for the part they play as game, as recreation, or for tourists, but for the part they play in the balance of nature. Under natural conditions, animals and plants tend to maintain a balance. No animal under natural conditions becomes superabundant for any long period and takes more than its share of the environment. Natural environments contain certain organisms and other factors which serve as checks and hold all species of animals in control. Man, by cutting off the forests and plowing up the prairies, has disturbed the natural environments and has destroyed many of these checks. One group of animals, the insects, have taken particular advantage of this and constantly threaten man's existence through the destruction of his food and the food of many other animals including his domesticated species.

Insects have enormous appetites. An adult grasshopper eats the equiv-

This article includes excerpts from the third lecture of the current Sigma Xi Series on "The Animals of Minnesota", presented by Professor Samuel Eddy of the Department of Zoology.

alent of about one half of its body weight daily. The rapidity of the reproduction of insects makes them very dangerous. Years ago, Huxley estimated that the progeny from a single plant louse, reproducing unchecked would by the tenth generation contain more substance than 500,000,000 stout men or approximately the entire population of China. It has been estimated that from a single pair of house flies similarly unchecked, there would develop in one season enough flies to cover the entire surface of the earth with a layer forty feet deep.

In a certain sense, the great and primary struggle for existence today is between man and the insects. Many other animals including birds, reptiles and amphibians are fighting with him. In this struggle any animal is important to man whether it is an antagonist or a protagonist. It is difficult to say that any animal large or small is unimportant.

Value to Man

Man ordinarily considers animals of all kinds from the standpoint of whether or not they are of any value to him. Frequently, this is merely in the sense of whether or not they are good to eat. We know too little about animals to judge in many cases. Some may furnish food, sport, or prey upon his crops or food animals. Others may furnish food for his domestic or game animals. Even the smallest animal may have some part to play in forming the web of life with man at the peak.

The first knowledge we have of the use of Minnesota animals is that obtained from ancient deposits, 15,000 to 18,000 years ago.

A skull of an extinct species of bison known as the occidental bison has been found. This animal, which was larger than the modern bison, ranged over Minnesota just after the last ice period. This skull is from a bull killed by man 15,000 to 18,000 years ago. Several piles of ancient refuse containing hundreds of these occidental bison bones and remains of a primitive race apparently different from the Indian, have been found close to the Twin Cities. These animals not only furnished meat as the many knife scratches show but also furnished a number of implements. This same race also used the elk and the caribou for food and implements.

The Indians would have found it hard to have existed in Minnesota if it had not been for the abundance of animals both large and small. Animals furnished the Indians with meat for food, hides for clothing and shelter.

The Indian not only fashioned various implements from bones and antlers, but he used the shells from the river clams for dippers and from them fashioned ornaments and fish hooks. He ate most anything that was available. Refuse heaps from old camp sites show us that he ate deer, caribou, elk, bison, moose, dog, muskrat, raccoon, beaver, fox, many kinds of birds, turtles, fishes, and river clams. He even ate the tiny snails from the rivers and lakes and the slimy land snails which feed on the leaves of the damp forests. Some of the early travelers tell us that he even ate certain insects. The primitive Indian was undoubtedly a conservationist and only hunted to supply his needs.

The earliest explorers found Minnesota forests teeming with animals.

The earliest record is by Radisson about 1660, who vividly describes the large numbers of bears, moose, elk, bison, caribou, and deer which they met and killed daily. Hennepin and Carver mentioned the great abundance of game and other animals. Apparently before the white man came, the forests of Minnesota were teeming with animals.

Early Fur Trade

In the last part of the seventeenth century, the wealth of animal life brought the fur trade into Minnesota and caused the first explorations and settlements. During the eighteenth century, a vast fortune of animal furs flowed out of Minnesota. The beaver, the otter, and the marten were the most prized. With the coming of the white man, the Indians secured guns with which they could slaughter more game. The fur traders also created more incentive for the destruction of animals beyond the actual need of the Indian, and the great abundance of animal life began to decline. The early nineteenth century saw the bison slowly retreating westward before the hide hunters, until not a bison was left in the state of Minnesota.

The fur trade diminished with the coming of the settlers and lumbermen. Many of the larger game animals such as the elk, moose, caribou, bison, and bear disappeared as the country became settled. Others such as the deer and the raccoon remained, and even increased as man cleared the forests and caused more succulent food to grow. The deer ranged from its original habitat in the hardwood forests farther north into the pines, as the moose and caribou retreated before the lumbermen and the settlers. This reduced population of game animals was nevertheless of great importance to the settlers. A few traps supplied him with furs for ready cash. The deer furnished him with many of the necessities of life, clothing and shoes as well. Even today many of our settlers in the cut-over lands of the north help out a slender income with trapping and hunting.

Today we have only a remnant of our larger animals left, but they are worth more than they ever were. They undoubtedly yield more income to Minnesota than the traders ever paid the original inhabitants of Minnesota at the greatest peak of the

old fur trade. It is safe to say that without the game fish in our 10,000 lakes and the deer and other animals in our forests, Minnesota would not be nearly as attractive for tourists. It is true that only a small percentage of the tourists hunt or fish, but the hunting and fishing element of the tourist visitors are well-known to be great money spenders.

Trapping still yields considerable income for the trappers of the state. Over \$100,000 worth of furs are sold annually from Minnesota. These are largely mink, weasel, muskrat and skunk.

From the early days, fish have been caught in large quantities from the larger lakes of Minnesota. Commercial fishing is still an important item in the natural resources of the state. White fish, herring, pike, and lake trout are the principal fish caught by nets, traps and set lines from Lake of the Woods, Rainey river, Lake Pepin and Lake Superior. The total value of the fish caught commercially from Minnesota is approximately from \$350,000 to \$400,000 per year.

Twenty states catch and sell more fish commercially than Minnesota. This includes those states with extensive marine fisheries. Of the states on the Great Lakes, Michigan, Wisconsin and Ohio lead. Minnesota is fourth. Even Illinois and Iowa, fishing chiefly in the Mississippi and its

tributaries, sell almost as many fish commercially as Minnesota. The question arises as to whether we are merely conserving our supply or whether we are managing and utilizing it to its greatest capacity.

In connection with fishing, the fresh-water clam or mussel industry is of some importance. Forty years ago, when pearl buttons became fashionable, the industry of gathering clam shells became profitable. Lake Pepin was the greatest source for fresh-water mussels in the United States until it was depleted by over-fishing and pollution. In 1933, only \$12,000 worth of clam or mussel shells were sold from Minnesota. Ten years ago, five times that amount was sold. The clam fishing is not as profitable now, as there is not much demand for the shells due to the trend of fashions away from mother of pearl and to the use of many substitutes.

Conservation

In some way, we still are drawing on our natural resources of animal life and selling them outright. Perhaps it is fortunate that many forms have become so scarce that it is no longer profitable to hunt or fish for them commercially. Thus we come to a full appreciation of what we have left and a desire to utilize these forms in such a way as to increase and conserve this heritage.

Minnesota Offers Three Major Habitats

MINNESOTA offers a greater variety of habitats for animals than most states for this state is the meeting place for three of the great major habitats of North America. These are the western grassland, the northern pine or coniferous forest, and the eastern hardwood or deciduous forest.

The western part of the state belongs largely to the grassland which is the habitat typical of the western plains where tree growth is confined for the most part to limited areas bordering streams. The eastward extension of this major habitat brings many western animals into Minnesota, such as the jack rabbit, the coyote, and many prairie birds, such as the sharp-tailed grouse, western Meadowlark and lark bunting.

The coniferous forests, predominately pine, fir and spruce, frequently accompanied by birch and aspen, in northern Minnesota is a southern extension of the great northern forest which extends across Canada and reaches almost to the Arctic ocean. This forms a habitat for many northern species of animals which find their southward limits in Minnesota. Animals, such as the caribou, moose, marten, wolverine, fisher, snowshoe hare, and many

birds, such as the ruffed grouse, spruce grouse, and Canada jay, are in Minnesota because of this extension of their habitat from the north.

The deciduous or hardwood forests which cover most of the eastern United States is characterized by oaks, elms and maples with a luxuriant undergrowth of shrubs and bushes. This type of habitat reaches its western limit in southeastern Minnesota. In this habitat belong the white tail deer, cotton tail rabbit, raccoon, grey fox, and many birds including the quail, wood thrush and the indigo bunting.

The thousands of lakes and streams in Minnesota afford several different types of habitats for different kinds of water animals. The two major divisions of our lakes are the rich and fertile, hard water lakes, and the poor or infertile soft water lakes. The fertile hard water lakes in the central and southern parts of the state offer a suitable bed for the growth of many water plants and support the most abundant fish populations. The infertile soft water lakes in the northeastern corner of the state support little or no vegetation because their bottoms are largely rock and infertile clays. They therefore cannot support a large fish population.

Many animals are necessary to man in order that he can keep insects under control and raise his crops. Some insects and other animals are necessary for proper maintenance of the soil and for cross pollination of plants. It is impossible to say that he could not get along without any particular species. In fact, when one species is removed another may take its duties. It is certain, however, that many animals play an important and vital part in making Minnesota habitable for man.

The preservation of animal life is another topic, but one we must all keep in mind. Conservation of our animal life is adocated everywhere. This does not mean merely protective legislation and the planting of game animals. The future of wild life conservation depends on maintenance by guarding and improving our natural conditions, not by merely planting or restocking. This is the natural way and our studies so far indicate that is the most efficient and economical way.

Studies are underway at the University of Minnesota and other places to learn more about the diseases of game birds and mammals. Dr. R. G. Green is working on the problem of tularemia in game animals. Dr. R. Fenstermacher is studying problems of animal diseases particularly those of the moose.

Studies on game populations have been carried on at the University Farm for the past eight years. These studies have shown that only a limited number of animals can be supported or will live on a definite undisturbed area.

Studies by Mr. R. T. King on the grouse show that although many birds are hatched and the population greatly increased in one summer, by the next spring the total grouse population will be the same as the preceding year. The number produced over the original population is partly those needed to supply the needs or demands of environment. By this we mean the number necessary to furnish prey for the predators and to supply the quota of weak individuals which parish during the severe winter. Modern game management methods seek to reduce this quota and to convert it into surplus. An estimate of the surplus will indicate the number which may be removed by sportsmen from this population.

The utilization of land for wild

life population is another problem. Much of our land must primarily be utilized for agriculture, but studies are under way to determine how this land can also be utilized for wild life without diminishing the agricultural productivity.

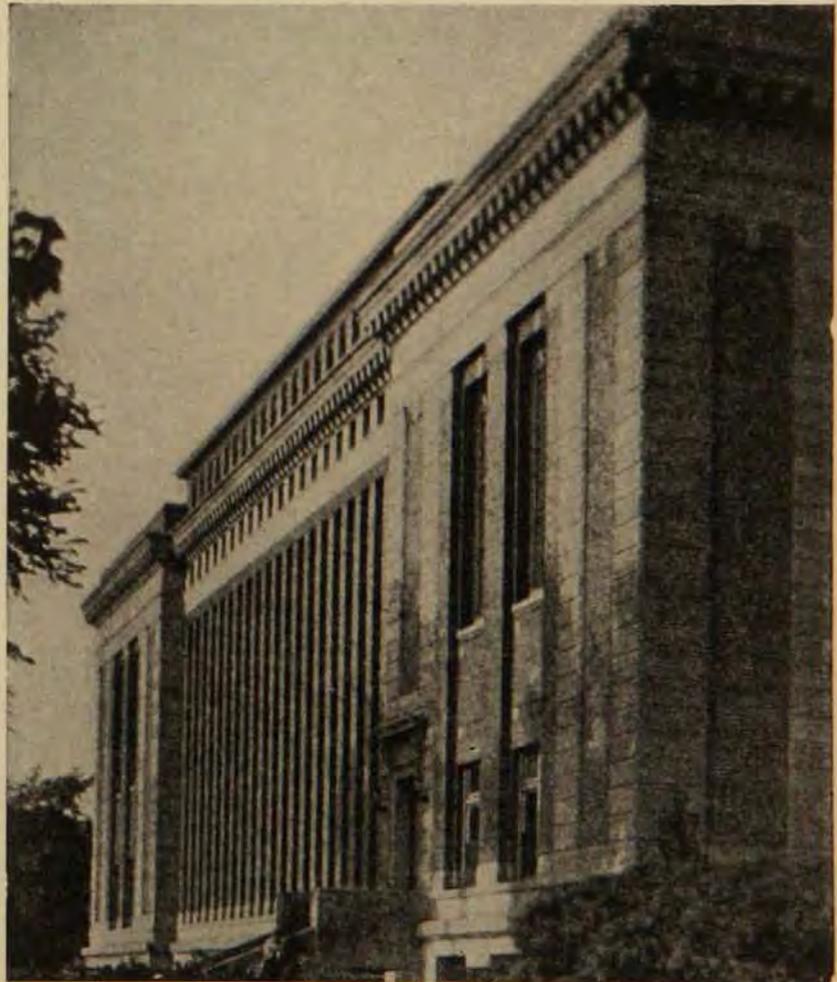
Wild Life Studies

Studies of the conditions for life have been made on many of our lakes and streams. Surveys of the conditions for life are showing us the various types of lakes and the kinds of fish suitable for these. These studies determine any deficiencies in vital factors and indicate how we can supply these deficiencies and thus improve our waters. We are determining the productivity of the waters so we can estimate the number of pounds of fish food produced in a given body of water or under a given

set of environmental conditions. In this way we hope to arrive at the general fertility or the number of fish which can be supported and from this determine the number which can be removed as surplus without injuring the original supply.

The various state, federal and governmental agencies are engaged in lake and stream improvement. This is an attempt to improve the condition for life to the extent that these waters will produce the maximum amount of fish life. All these problems are leading to more efficient wild life management in the future.

Minnesota has been abundantly endowed with animal life and the animal life is one of the greatest resources even yet today. It is for us to keep this great endowment, not to let it disappear as part of it has already.



Rear View of the University Library

Legislators Visit University

MEMBERS of the state legislature visited the campus on Tuesday and were the guests of the University at a dinner in the Minnesota Union. Leaving the capitol at two o'clock by bus the legislators went first to University Farm where they were greeted by W. C. Coffey, dean of the Department of Agriculture. They viewed exhibits and heard various phases of the work at University Farm explained by students.

The first stop on the main campus was at the Field House where the visitors had the opportunity to see members of nearly every Minnesota athletic team in action during the daily training period. Through the tunnel under University Avenue the legislators were taken to the athletic building to inspect the facilities in that newest unit of the athletic plant.

Following a drive around the campus the visitors entered the Physics building to enjoy a lecture and demonstration on some of the latest developments and advances in that science.

President Coffman spoke at the dinner in the main ballroom of the Union. Among those at the head table were Harold H. Barker, Speaker of the House of Representatives; William B. Richardson, President pro tempore of the Senate; B. L. Kingsley, chairman of the Senate University committee; A. L. Almen, chairman of the Senate Education committee; W. F. Ost, chairman of the House Appropriations committee; E. L. Nordstrom, chairman of the House University and State Schools committee; A. C. Thompson, chairman of the House Education committee; President Coffman; Orren E. Safford, president of the General Alumni Association; Alumni Secretary E. B. Pierce, and the following members of the Board of Regents, Julius Collier, A. J. Olson, Ray Quinlivan and George W. Lawson.

Music Festival

The thirteenth annual Minnesota state high school music festival and contest will be held on the campus May 6 and 7.

The contest, sponsored by the General Extension division in cooper-

ation with the Minnesota Public School Music league, is divided into two parts. Vocal classes will compete May 6, and instrumental classes will meet May 7.

Through the contest the Extension division attempts to stimulate interest in music in state high schools.

Preliminary district contests are now in progress.

Editor

Dr. Henry Schmitz, chief of the forestry division at University Farm, was recently appointed editor of the *Journal of Forestry*, national forestry periodical.

The *Journal of Forestry* is the only technical forestry publication in the United States.

Prior to his appointment, Dr. Schmitz served as assistant editor and directed the work of the forestry, entomology and pathology departments.

Dr. Schmitz is now in Washington, D. C., conferring with Dr. Herbert A. Smith, his predecessor, about the work.

Teacher in India

Dr. V. Ramanujalu Naidu, Indo-Aryan physician and graduate student in the Medical school, will become the youngest teaching and practicing physician in the Mysore, India, state university after a year of study in London.

Dr. Naidu has studied at the Mayo foundation clinic at Rochester and at the University by appointment from the Mysore state government.

Photographers

Photography will form the subject of an advanced study institute planned for the Center for Continuation Study April 2, 3 and 4. An avocation of thousands of persons which entails a smattering of art, mechanics, physics, chemistry and a broad background of science, the art of good photography is as intricate as it is popular.

The program was suggested for the course in the Study Center by an advisory board composed of members of the University faculty who have an extensive background of ex-



DR. HENRY SCHMITZ

perience in photography. The course will deal chiefly with lights and lighting, art and composition, pictorial photography, color photography and photographic equipment.

The three-day course will be departmentalized with sessions arranged to cover particular phases of photography under the leadership of an instructor well-versed in the field, the announcement says.

Sign of Spring

One of the first signs of an approaching spring appeared on the campus this week in the form of an announcement concerning early plans for the annual Engineer's Day program. The mention of Engineer's Day brings up thoughts of warm spring days. The student governing board of the Institute of Technology appointed Leo Funke '38E, to serve as general arrangements chairman for the program which will be held on April 16.

Engineers Day is celebrated each year by students and faculty of the Institute of Technology as a farewell to the graduating seniors. The featured events of the day include "open house" when visitors are entertained in the various engineering laboratories, the famed Engineers parade, a dansant, the Engineers Brawl, and the knighting of graduating seniors by St. Pat, the patron of all engineers.

Minnesota Ties for Cage Lead

MINNESOTA slipped into a tie with Illinois for the leadership of the Big Ten cage race Monday night by defeating Northwestern, 34 to 33, in a sensational overtime game. The husky Wildcats outplayed and out-scored the Gophers until the final three seconds of the regular playing period when Addington dropped one through the basket to tie the count, 30 to 30.

Maki, Gopher reserve, took a pass from Manly to score the first points in the overtime. Manly counted on a free throw and then Voights and McMichael tied the score with a free throw and basket. With 30 seconds left, Manly was fouled and made good on his one toss to score the winning point. Dick Seebach, playing his final home game as a Gopher, turned in one of his greatest performances at guard.

Minnesota now has a record of nine victories and two losses. Saturday night the Gophers meet Chicago at Chicago in the season's finale. Illinois plays Northwestern on Saturday night.

Northwestern—	fg.	ft.	ftm.	pf.	tp.
McMichaels, f	2	2	2	0	6
Trenkle, f	0	0	0	2	0
Smith, f	2	6	1	4	10
Nagode, c	3	0	0	4	6
Vance, c	0	0	0	0	0
Voights, g	2	3	1	2	7
Currie, g	2	0	0	0	4
Mercer, g	0	0	0	0	0
Totals	11	11	4	12	33
Minnesota—	fg.	ft.	ftm.	pf.	tp.
Kundla, f	4	3	2	2	11
Nash, f-g	0	0	0	0	0
Addington, f	4	1	1	2	9
Halverson, f	0	0	0	0	0
Manly, c	0	5	1	2	5
Maki, c	1	0	0	0	2
Rolek, g	0	1	3	4	1
Seebach, g	2	2	1	3	6
Totals	11	12	8	13	34

Score at half—Northwestern, 14; Minnesota, 12

Officials—Nick Kearns, DePaul, referee; Lieutenant Borck, Fort Snelling.

Defeat Wisconsin

On Saturday night in the Field House the Gopher cagers coasted to a 30 to 17 victory over Wisconsin. During the first 15 minutes of the engagement however the Badgers played the Minnesotans on fairly even terms and with but five minutes left of the first period the score was only 9 to 7 in favor of the Gophers. Rolek, Kundla and Addington found

the range however and the score was 17 to 7 at the half.

There was a possibility that the victory might prove costly for Minnesota because of an injury to Johnny Kundla. This star sophomore forward was helped from the floor in the first half with a twisted ankle and was not able to return to the game. While in the contest he got three field goals. Martin Rolek was high scorer with three field goals and one free throw for a total of seven points.

Coach Dave MacMillan used his regulars sparingly and gave his reserves a good workout and they responded with creditable performances. Maki, Johnson and Halverson all scored from the field.

Minnesota—	fg.	ft.	tp.
Addington, f	1	1	3
Lillyblad, f	0	0	0
Kundla, f	3	0	6
Nash, f	0	0	0
Manly, c	0	3	3
Maki, c	1	0	2
Seebach, g	1	3	5
Johnson, g	1	0	2
Rolek, g	3	1	7
Halverson, g	1	0	2
Totals	11	8	30

Wisconsin—	fg.	ft.	tp.
Rooney, f	1	2	4
Dupee, f	1	0	2
Fuller, f	1	0	2
Powell, f	0	0	0
Bell, c	0	0	0
Harris, c	1	0	2
Frey, g	1	1	3
Weigardt, g	0	0	0
Davis, g	0	1	1
Mitchell, g	1	1	3
Totals	6	5	17

Lose to Badgers

Three meet records were broken and three others tied when the University of Wisconsin track team defeated Minnesota 53 $\frac{1}{3}$ to 32 $\frac{2}{3}$ Saturday at Madison.

The Badgers captured seven first places and swept the mile, two mile and pole vault. The Gophers took first place in the quarter mile, shot put, and the mile relay.

Hepp and Krezowski captured the quarter-mile and shot put for Minnesota.

Wrestlers Win

Minnesota wrestlers won their eighth consecutive meet of the season by defeating the University of Iowa, 25-3, at the University fieldhouse Saturday night. The defeat was Iowa's first in four years of conference dual

meets in the Big Ten. The summary:

118 lbs., McCorquedale (M) defeated Thompson (I) fall, 3:36. 126 lbs., Miller (I) defeated Matlen (M) time advantage, 2:35. 135 lbs., Zabel (M) defeated Maland (I) time advantage, 5:02. 145 lbs., Borlaugh (M) defeated Cottrell (I) time advantage, 7:22. 155 lbs., McConnell (M) defeated Matthews (I) fall, 2:54. 165 lbs., Hansen (M) defeated Leonard (I) time advantage, 4:34. 175 lbs., Whitaker (M) defeated Vergamini (I) time advantage, 2:08. Heavyweight, Gustafson, (M) defeated Nead (I) time advantage, 5:30.

Official: Ed Shave, St. Paul.

Down Iowa

Minnesota defeated the powerful Iowa gymnasts by five points at the athletic building Saturday, 95 $\frac{1}{2}$ to 91 $\frac{1}{2}$. Minnesota lost to Iowa by six points at Iowa City last week.

The summary:

High bar—Won by Wattstein, Iowa, 78.5; Stuart, Minnesota, second, 72; Lynum, Minnesota, third, 67.

Side horse—Won by Johnson, Minneapolis, 73.5; Wettstein, Iowa, second, 72; Dech, Minnesota, third, 70.

Rings—Won by Russell, Minnesota, 75; Stuart, Minnesota, second, 72; McCloy, Iowa, third, 70.5.

Parallel bars—Won by Shawbold, Minnesota, 81.5; Wettstein, Iowa, second, 75; Nissen, Iowa, third, 65.5.

Tumbling—Won by Nissen, Iowa, 86.5; O'Heron, Minnesota, second, 74.5; Kochwasser, Iowa, third, 56.5.

Skaters Break Even

On Wednesday night in a fast game the Gopher skaters defeated Michigan, 3 to 1. Jimmy Carlson, Minnesota center, skated through the Wolverine's defense to score the first point of the evening. In the second period Fabello of Michigan evened the count. Taft and Wallace scored for Minnesota in the final period.

Summary:

Minn.—	Mich.—	
Wilkinson	C	W. Chase
R. Carlson	D	Smith
Kroll	D	Simpson
Bjorck	C	Heyliger
Ganley	W	Fabello
Arnold	W	James

Spares—Minnesota: J. Carlson, Wallace, Taft, Anderson, Randall, Bredesen. Michigan: E. Chase, Cooke, Merrill.

First period scoring—Minnesota: J. Carlson (unassisted) 13:12. Penalty, Simpson.

Second period scoring—Michigan: Fabello (Heyliger) 8:52. Penalties, Simpson, Kroll (major penalties), James.

Third period scoring—Minnesota: Taft (J. Carlson) .51; Wallace (unassisted) 8:21. Penalties, R. Carlson, Simpson.

Stops:	W.	M.	P.	T.
Wilkinson	3	3	6	12
W. Chase	4	4	7	15

In the second game of the series on Friday night the Gophers lost to Michigan, 3 to 2.

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News and Views

MINNESOTA alumni may point with pride to the fact that their school has one of the most comprehensive programs of athletics and physical training for all men students of any college or university in the country. When the subject of athletics at Minnesota is raised there is a tendency at once to think of football and the outsider is awed by the report of the number of highly capable young men who are members of the varsity and freshman football squads.

But even more impressive and significant is the athletic department's report of the number of men students who participate in the program of intramural activities at the University. During the school year 1935-36, approximately 600 men were candidates for positions on the freshman and varsity gridiron squads, some 400 first year men and about 200 who were eligible for intercollegiate competition. Last fall a total of nearly 1,200 men were members of the intramural touch-football squads. Thus nearly twice as many men were competing in the touchball game for the fun and exercise they got out of it as were working out under the direction of the regular coaching staff on Northrop Field.

The varsity basketball squad of last year included sixty-five athletes while some 200 first year men worked out under the supervision of the freshman coaches. At the same time about 1,400 men on the campus were enjoying competition in the popular winter sport as members of intramural teams. Fraternities, the Houses in Pioneer Hall, boarding clubs, rooming houses and other groups all sponsor teams in the various sports on the intramural program of athletic competition for all men students.

During the school year of 1935-36, approximately 2,000 men at Minnesota received instruction in inter-

collegiate athletics, 728 as varsity candidates and 1,274 as members of freshman squads. During the same period more than 5,000 other students were registered for competition in the sports on the intramural program. The entire physical education program is co-ordinated in the athletic department under the direction of Frank G. McCormick. The intramural activities are planned and supervised by W. R. Smith.

All this of course serves as a partial answer to the criticism that college athletic departments are only interested in the few fortunate and highly skilled men students who can qualify for competition in intercollegiate sports. At Minnesota the opportunity to enjoy competitive exercise is open to all and the figures quoted above indicate that an impressive number of men take advantage of the opportunity.

It should be pointed out too that the winning of games in intercollegiate competition is not the sole purpose of the instruction in the various intercollegiate sports. To many of the 2,000 students who were members of the freshman and varsity squads during the period mentioned above the training so received was an important part of their preparation for careers in the field of physical education.

The administration of athletic affairs at Minnesota has been, and continues to be, of such high calibre that distracting problems are kept at a minimum and the full attention of the officials of the athletic department can be given to the job of developing and supervising a comprehensive program of physical education for all the men on the campus.

A PROJECT which deserves the support of all alumni who have counted Dr. J. L. Cooke as their friend is the one being sponsored by the M Club as a gesture of appreciation for the services this veteran member of the athletic department has rendered the University of Minnesota. The organization is conducting a subscription campaign for funds which will be used to finance the painting of a portrait of Dr. Cooke which will be hung in the athletic administration building.

The members of the undefeated basketball team of 1919 which was coached by Dr. Cooke are serving as members of the committee in charge of the campaign under the chairmanship of Dr. Erling Platou. The committee requests that all contributions be sent to Otis McCreery, assistant dean of student affairs, who is treasurer of the M Club.

Early alumni remember Dr. Cooke as Director of the Gymnasium or at least that was the title he held from 1897 to 1913. The title really covered a multitude of activities for as the athletic program of the University expanded he found time and had the energy and knowledge to coach Minnesota athletes in every sport of the period except football. And he conducted classes for all men students in physical education.

Between 1913 and 1922 he served as Medical examiner and Director of Physical Education for men and continued his basketball coaching duties. During the 28 years he acted as coach of the cage sport he developed championship teams in 1902, 1903, 1904, 1917 and 1919.

The Reviewing Stand

W. S. G.

To Hollywood

THE Minnesota alumni contingent in Hollywood will have a new member early this spring in the person of John G. (Jack) MacKay '33Ex, who is first trombonist in Fred Waring's orchestra. The band has left New York and will make appearances in several cities enroute to the west coast where the organization will be featured in a picture to be made by Warner Brothers.

Mrs. MacKay (Rhoda Pierce '33) and son, Grant Cameron, will join Jack in Hollywood in April. They arrived in St. Paul from New York last week and are visiting Mrs. MacKay's parents, Alumni Secretary and Mrs. E. B. Pierce at 69 Langford Park Place. Last week, Mrs. Pierce entertained at luncheon for her daughter.

They expect to be in California during the spring and summer months and plan to return to their home in Jackson Heights, New York City, in the fall. He is a member of Phi Kappa Psi, and she, Alpha Gamma Delta.

Minnesota-Nebraska

The three non-conference teams on the 1937 Minnesota football schedule are North Dakota Aggies, Nebraska and Notre Dame . . . Before he had any inkling of the fact that Coach Dana Bible was going to leave Nebraska, Major Biff Jones, who had resigned as gridiron coach at Oklahoma to give all his time to the army, reserved six seats for the 1937 Minnesota-Nebraska game at Lincoln and sent his check to the Cornhuskers ticket officials. And now as head football coach at Nebraska he'll have to sit on the bench.

The National Intercollegiate Swimming championships will be held at Minnesota this spring . . . Before becoming wrestling coach at Minnesota two years ago, Dave Bartelma taught the sport in the Cresco, Iowa, high school. Now he finds one or more of his former pupils on nearly every team the Gophers meet on the mat . . . Minnesota's two guards, Dick Seebach and Martin Rolek, are leading candidates for mythical all-

conference honors at their positions. Seebach who hails from Red Wing is the only senior on the Gopher cage squad. They are both small men as basketball players go but their opponents will be ready to swear that they are at least seven feet high and six feet across.

University Growth

The University of Minnesota now has the highest enrollment in its history and ranks second among the state universities of the country . . . During the past 15 years the collegiate student enrollment has increased 75 per cent while state appropriations for the maintenance of the institution have decreased . . . The state appropriation per collegiate student in 1936 was \$185 as compared with \$332 per student back in 1922 . . . Since 1921 there has been an increase of one-third in the number of students per instructor and more than 200 additional members of the staff would be required to put the University on the same instructional basis as in 1921 . . . While the appropriations for the maintenance of all state departments including the University increased 19.7 per cent between 1921 and 1935 the appropriations for the general support of the University actually decreased and the grants to the institution for all purposes including extension and research showed an increase of 3.3 per cent . . . The Regents have asked the legislature for an appropriation of \$4,000,000 for each year of the coming biennium.

New York Meeting

Officers of the Minnesota Alumni Club of New York are planning a big meeting for April 21 . . . The University is asking the legislature for funds for four new buildings, two on the Farm campus, and two on the Main campus. On the Main campus a new classroom building would be erected next to the Library and facing the Administration building. A new home for the School of Business Administration would be built on the east side of the Mall facing the Chemistry building . . . The average salary of a professor in the Arts Col-

lege in 1936 was \$2,329 . . . Tobacco is grown in Minnesota and you can get a special bulletin on methods of handling a crop from the Agricultural Experiment Station if you are interested in growing your own cigars in the garden this spring.

Athletic Activity

These are busy days in the Field House with practice activities in baseball, basketball, football, tennis and track all going on at the same time each afternoon . . . Andy Uram, triple-threat halfback, is out for baseball for the first time this spring and he may become a regular on the diamond squad . . . About 5,000 men were registered for participation in the various sports on the intramural program at the University during the past year in addition to the 2,000 who were members of the squads in the intercollegiate sports . . . Mike Cielusak and Earl Loose, Gopher basketball teammates of a few years ago, are coaching the freshman cake candidates . . . The last Minnesota basketball team to win the conference title was the squad of 1919' coached by Dr. L. J. Cooke which was undefeated. Two members of that team, Dr. Erling S. Platou and Arnie Oss, are now members of the Board of Directors of the General Alumni Association . . . Last week *Time* magazine carried an article on the Big Ten basketball race in which was described the second game between Minnesota and Purdue.

Signals Mixed

A young man claiming to be Minnesota's Andy Uram showed up in Milwaukee last week and regaled football fans and sports writers with stories about the activities of the Golden Gophers. The hospitable Badger fans made him welcome and entertained him in a generous manner. The sports writers typed off interviews and the visitor was enjoying life immensely until one writer went to his files to get a picture of the Minnesota star. He found that he either had the wrong picture or the wrong Andy Uram. They didn't match. It was then learned that earlier in the week he had posed as another Gopher, Bill Matheny. Milwaukee officers found that the visitor had a name for nearly every occasion and that he came from Fifield, Wisconsin.

Founders of the University

(Continued from last week)

Henry Mower Rice was a member of the territorial board of regents of 1851. In 1856, as delegate to Congress from Minnesota Territory, he introduced the bill for the enabling act for the state of Minnesota. This contained a provision for "seventy-two sections of land for the use and support of a state university, to be selected by the governor of the state", notwithstanding the fact that a similar grant had been made to the territory for a university.

Rice, a native of Vermont, came to Minnesota in 1839 as a pioneer fur-trader. He served two terms as Minnesota's territorial delegate to Congress and was influential in securing in 1854 the extension of the right of pre-emption in Minnesota to unsurveyed public lands. He was one of the first two United States senators from Minnesota and served in the Senate from 1858 and 1863. His activities were many and varied, including those of philanthropist, for he donated many lots to churches and public institutions. Rice Park in St. Paul and Rice County are named in his honor.

Dr. Alfred Elisha Ames was chairman of the committee on school funds, education, and science in the Democratic wing of the state constitutional convention of 1857. He was responsible for the incorporation in the constitution of a clause that fixed the location of the university and provided that it receive all past and future grants of land. In one of the debates he said: "It was necessary to incorporate something into the constitution that would secure to the University of Minnesota the liberal donation made by Congress for that purpose."

It is of interest to note that Dr. Ames was a prominent citizen of Minnesota in other respects. He was one of the pioneer physicians in the town of St. Anthony and during part of 1852 held the position of surgeon at Fort Snelling. In 1854 he was elected to the office of probate judge. On January 4, 1856, he drafted a bill for the incorporation of the village of Minneapolis, which later became a law; and in April, 1857, he was appointed postmaster of Minneapolis.

John Sargent Pillsbury was ap-

pointed a member of the board of regents in November, 1863. As one of the three "Sole Regents" appointed under the act of 1864, he helped to free the university of its financial embarrassments. The triumvirate reported to the legislature in 1867 the discharge of most of the university's debts, "leaving intact the campus and buildings and some 32,000 acres of land in the Territorial grant." The act of 1868 for the reorganization of the university and the establishment of an agricultural college was prepared "at the suggestion and by the aid" of Pillsbury and by him it was introduced into the state senate. Under the new charter of 1868 Pillsbury

was again appointed regent and was made president of the board.

The catalogue of John S. Pillsbury's contributions as a founder is merely an introduction to a life-time of work for this institution. He served continuously as regent from 1863 to 1895, then was made regent for life, and on his death in 1901 a period of thirty-eight years of service on the board was brought to an end. It should be noted that through his influence in the state government, backed by his generous gift of Pillsbury Hall as a science building, he made secure and permanent the administrative unity of the university. Pillsbury is deservedly known as the "father of the university" and it is fitting that his statue, erected in 1900, stands at the heart of the campus.

(Continued next week)

They Mourn Loss of Classmate

By A. M. WELLES '77

THE death of Fred Eustis, 1877, marks the passing of the last of five notable sons of one of the pioneer families of Minneapolis. These boys were Warren, who was one of the two members of the Class of 1873 the first to graduate from the University; John Bradley, who for two years was in the Class of 1877 but who left school on account of failing eyes; Sam, who did not go to the "U"; Frank and Fred, twins, the youngest of the bunch, who graduated with '77. Fred was one of the three surviving members. Now but two are left, Mrs. Mathilda J. C. Wilkin and myself. We both attended the funeral of Fred at Lakewood Chapel on February 25.

The Eustis family came to Minneapolis in the Sixties and the father, a strong, well to do citizen, took up a large amount of land on the hill east of the University and part of his holding was the low land now occupied by railroad tracks and elevators. When Fred married Ella Grimes the event marked the union of two pioneer families, for Grimes pere owned large acreage in the Edina Mills area.

Had Fred Eustis lived until May 12 he would have then reached his 32nd birthday. He was the youngest of the three '77 survivors. Mrs. Wilkin is now 91 and I am nearing my 84th mile post. For the past three years we three together had observed the anniversary of our graduation June 7th each year. But two of us

will be able to celebrate this year—if we live that long. This anniversary has been observed for many years and though the members steadily passed on, yet the meetings were enjoyable.

Fred Eustis was a plain, unassuming man, of high character, strict honesty, a life long Presbyterian, having been a member first of Andrew Presbyterian, later of Westminster. His politics were of the republican brand, but he was liberal in his ideas. He always stood for honesty and decency in all the relations of life. Until some twelve years ago he engaged actively in the real estate business.

Of the sixteen who graduated June 7, 1877, nine (all men) took the classical course, studying Latin and Greek under Prof. Versal J. Walker and Jabez Brooks, though President W. W. Folwell took over the class in Greek one term because of the crowded calendar in Dr. Brook's department. Fred was one of the classical students. His record in college work was always creditable. He was regarded as one of the most reliable men in the institution.

Mrs. Wilkin and I feel our loss keenly. However, we shall carry on to the last, one of us will surely be the "last man" in '77, which one is known only to our Maker. We are happy to have had for a classmate and friend of over sixty years, such a high class Christian gentleman as was Fred Eustis.

Minnesota Women—

Remember?

Some of you will remember . . .

Maria Sanford stood up to address the New York alumni whose dinner guest she was just after a telegram from the editor of the Alumni Weekly, E. B. Johnson, announcing a Minnesota football victory over Wisconsin had been read, we are told in the November 17 issue of the 1913 Weekly . . . the cheers greeting her far surpassed the joy over the football score . . . and sounded more, it was described, like "the prolonged cheering so characteristic of the conventions which met for the nomination of the presidential candidates last year" . . . except that "it came straight from the hearts of those present" . . . who included many members of her "sunrise" classes, and such names as Anne Dudley Blitz, then student at Columbia University, and Mr. '96 and Mrs. Ben C. Gruenberg.

Faculty Women

In the same volume . . . Lettie M. Crafts '81, former U librarian, presented dinner guests with uncut garnets to celebrate her becoming president of the only garnet mining company in the world officered and conducted by women . . . all women officers and stockholders . . . in Wrangell, Alaska. And the Faculty Women's club, which had been started in 1911, presented a play, "The Cowboy in the Kurhaus" written by Mrs. George E. Vincent . . . E. B. Pierce, business manager of the play . . . proceeds went to establish a "dean's fund for young women in temporary distress."

Alumnae Club

February 23 . . . 30 alumnae met to form the Minnesota Alumnae club, finally organized on the March 4 meeting when 50 alumnae met in Shevlin Hall.

When President Vincent that year recommended a course in journalism he was perhaps unaware of the feminine interest and spoke of "the student . . . he", but by 1919 several women students had been placed on papers. Mentioned are Eunice Smith '19, who had just been offered a job with the Aitkin, Minn., Independent . . . Elsie Fjelstad '20, on the Minne-

apolis Daily News . . . Elsie van Ness had spent the summer vacation on the Morris Tribune . . . and Alice Buckley had summered in Minneapolis working hard at publicity.

Lucile Way, author of pageant, "Community Spirit" produced at Northfield, Minn. . . article in the November 3 issue, 1919, by Edna G. Cockburn '07, on the fund sent by the Minnesota Alumnae club to Mrs. Ernest Shrutleff, wife of the former pastor of the First Congregational church, Minneapolis, for war relief work . . . and through the rejection of so many men for war service, Dr. Anna Norris saw a big field opening for teachers of physical education. She had opened her four-year training course in anticipation that fall. Her "pet", it was called.

May 10, 1920 . . . Mrs. H. W. Wilson (Justina Leavitt '13), in suffrage work since 1906, and cheer leader at the ratification banquet at the suffrage convention in Chicago, also one of 12 American delegates to the international suffrage convention in Geneva, Switzerland, had accepted an invitation to head the women's campaign activities for Attorney General Mitchell Palmer . . . Minnesota Alumnae club opens the year's activities in the home of Mrs. D. Draper Dayton November 5.

Writers

1926 Christmas literature issue of the Weekly included "The Seasons" by Marion E. LeBron . . . a poem and story by Miriam Clark Potter; "Mr. Wind, take off your hat" and "Silver, Silver" of an old woman who ignored the fairies in her pocket, thought only of her silver hidden downstairs . . . "The King of Shadows" by Marjorie H. Nicholson . . . "Four Daughters" was written for the issue by Florence Jeanette Ward.

And January 30 Frau Wilkin '77, celebrated her eightieth birthday; described the campus as formerly invaded by animals quartered in various campus buildings, filled with the drilling Company Q, and spotted with serenading male students singing to their professors . . . to relieve the monotony of school life, she said.

Five years later . . . "Petticoat Court," that delightful story by Maud

Hart Lovelace, was published . . . and Helen Randle Fish '02, had published "Drama and Dramatics". It was quite a year for "brain children", Mrs. van Steenwyck's "Brittle Bright" appearing, too . . . Josephine Schain had just been elected director of the Girl Scouts, the December sixth issue announced. (By this time the Weekly had a real women's page.) And on the same women's page appeared a cut of Dean Mary L. Matthews '04Ag, dean of the school of home economics at Purdue.

This Week

March 6, 1937 issue . . .

Just as alumni from the dentistry school monopolized the list of the new officers of the Minnesota State Dental association, so do many names of alumnae appear on the recent election results of the Minnesota Dental Hygienists association . . . Frances Erskine '25DH, of St. Paul, heads 'em succeeding another alumna, Katheryne Gardner '28DH. Miss Erskine's classmate, Edna Nelson '25DH, will keep all minutes of next year's meetings.

Short Notes

Some people apparently remember their French better than this former student of various professors in the French department now a journalist of sorts . . . apparently because Florence Meykar, alumna, was author, producer and actress in her only play "Les Etrangers Sont Droles." We can do that one, tho . . . strangers are droll . . . or foreigners are droll . . . or the world is strange . . . No, defeat is admitted.

Dr. F. Denton White, president of the Minnesota Dental association, opened the annual meeting of the Woman's Auxiliary to the Minnesota Dental association last week. Elections followed the luncheon meeting.

Dr. Esther McGinnis of the University conducted a round table discussion at the convention.

To honor Dr. and Mrs. C. W. Rucker who are leaving Minneapolis to make their home in Rochester, Minn., classmates Mr. and Mrs. Herbert W. Estrem were hosts at a dinner.

The WSGA president, Jean Myers, was guest speaker at a meeting of Twin City Panhellenic held at the Alpha Delta Pi sorority house. A social hour followed the meeting.

Brief Notes About Minnesota Alumni

12,000 Minnesotans read this department each week for news of friends of College days.

—1892—

Mr. '92E and Mrs. Edward P. Burch, of Minneapolis, have gone to Lake Worth after spending two months at Latana, Fla. They will remain in the south until spring.

—1893—

Mrs. Marie Antoinette McDermott '93L, 68, died Saturday, February 20, in California. The wife of the late Professor E. E. McDermott of the University of Minnesota, she was a member of the Minnesota State Bar association. She was born in Lancaster, Wis., and received her bachelor's degree from the University of Wisconsin. At the University she was a member of Delta Gamma sorority, and belonged to the Minneapolis Women's club. In 1927 she left Minneapolis for California. Burial and funeral services took place in Minneapolis.

—1900—

Dr. Owen W. Parker '00Md, read a paper at Duluth, Minn., at the time of the fiftieth anniversary of the St. Louis County Medical Society entitled, "A Brief History of Medicine on the Iron Ranges."

—1901—

Alice M. Child '01, associate professor of home economics out on the Farm campus and author of recipes in the U Farm recipe file, presents the value of using skim milk powder for family baking and cooking in a bulletin "Using Dry Skim Milk" recently issued by the Agricultural Extension Service.

Mr. '01Ex and Mrs. Glen Waters, are aboard the Britannic for a 20-day cruise and stops at Caribbean ports. They live in Minneapolis.

—1902—

Charles J. Brand '02, executive secretary and treasurer of the National Fertilizer association in Washington, D. C., and formerly co-administrator of the Agricultural Adjustment Act, and his wife have just returned from their winter vacation at Miami Beach, Fla., where they met several people from Minnesota.

An inveterate and seasoned traveler, Mr. Brand's 1936 mileage ex-

ceeded 60,000 miles, including four trips to the Pacific coast, three by air. Mr. and Mrs. Brand spent their summer vacation in the Yosemite Valley. His first trip to the west coast was made in 1901 under the auspices of the Minnesota Seaside station on Vancouver Island, an institution of research conducted under the leadership of Professor Conway McMillan and Dr. Josephine E. Tilden.

—1904—

Dr. William A. Brand '04Md, of Redwood Falls, Minn., spent several days last December in Seattle when he and his brother, Charles J. Brand, helped their mother celebrate her ninety-sixth birthday December 1. Festivities took place at Puyallup, Wash.

Dr. Brand whose hobby is amateur moving picture taking obtained a considerable footage of interesting films while west during the stormy period. It recorded the loss of a northwest transport plane and two pilots.

Dr. Brand, who practices at Redwood Falls, is twice a grandfather, his daughter, Bernice Eleanor Edwards (Mrs. Roy Edwards '30), being the mother of two sons.

—1906—

Mr. '06L and Mrs. George C. Van Dusen, of Minneapolis, are now at Palm Beach, Fla.

—1907—

Judge John P. Devaney '07L, former chief justice of the Minnesota Supreme Court, was elected president of the newly organized National Lawyers guild at a convention in Washington. Among the 34 elected to the executive board were Governor LaFollette of Wisconsin, Governor Benson of Minnesota, and former Senator Smith W. Brookhart of Iowa.

—1911—

George A. Maney '11E, on the faculty of Northwestern University, Evanston, Ill., has been awarded the Wason medal of the American concrete institute for a written article on concrete bridges.

—1912—

Mr. '12E and Mrs. Frank A. Donaldson and their son, Scott and daughter, Joan, of Minneapolis, have gone to California where they will spend six weeks in Los Angeles and Palm Springs. They left March 3 and will be joined during spring vacation by their son, Frank, Jr., who is a student at Blake School.

—1913—

Mr. '13Ex and Mrs. Sherlock S. Merrill, have returned to their home in Minneapolis after a trip to Mexico City and other points in Mexico and the southwest. They had been gone a month.

Dr. Martin Nordland '13Md, chairman of the cancer committee of the Minnesota State Medical association, spoke at one of the lecture series on cancer under the auspices of the Women's Field Army of the American Society for the Control of Cancer.

—1914—

Philip A. Anderson '14Ag, assistant professor of animal husbandry, is the author of two folders recently issued by the Agricultural Extension division. One, "Home Curing of Pork" describes several methods of curing pork. The other is called "Sheep on Minnesota Farms."

—1915—

Dr. Ellsworth A. Rieke '15D, of St. Paul, was made president of the Minnesota State Dental association at the annual election by the association's house of delegates last week. He succeeds Dr. F. Denton White '05D, of Minneapolis, the retiring president. The president-elect who will take office next year is Dr. George M. Damon '07D, Minneapolis. The election was part of the program of the fifty-fourth annual convention of the organization.

The other officers named with Dr. Rieke are Dr. H. A. Hoglund '17D, of Kerkhoven, Minn., vice president; Dr. L. M. Cruttenden, St. Paul, secretary; and Dr. A. R. Schmid '09D, Worthington, treasurer. The last two were re-elected.

Nearly 2,000 dentists, hygienists, clinicians and exhibitors registered at the convention. Among the speakers were Dr. Myron E. Lusk '26D, who reviewed the work of Dr. J. W. S. Gallagher '97D, of Winona, a dentist for nearly forty years.

—191—

Dr. '17Md and Mrs. George L. Merkert, of Minneapolis, left the first of March for the south. They will travel to New Orleans, Havana, the Panama canal and Central American countries, and will return in a month.

—1918—

R. W. Allard '18M, with Doyl and Allard law firm, was guest speaker at the School of Mines society meeting last week. His topic was "Engineering Law."

H. B. White '18Ag, assistant pro-

fessor of agricultural engineering, is one of three authors of "Colony Brooder House," a publication recently released by the Agricultural Extension division at University Farm.

—1919—

Dr. Martin C. Bergheim '19Md, of Hawley, Minn., was lecturer at the Center for Contribution Study on January 29 when he spoke on "Obstetric Problems and Child Care" as a part of the course in obstetrics and gynecology offered by the postgraduate medical institute. Dr. J. C. Litzenberg was in charge of the program.

—1920—

Ernest W. Seemann '20E, living at the University club in Buffalo, N. Y., is project manager for the Merritt, Chapman and Scott corporation of New York City on the construction of a \$750,000 section of the Buffalo sewer project. A 9,000 foot section of the old Erie canal is being dewatered, a trench in the rock bottom is being excavated, and an eleven foot, six inch semi-elliptical concrete intercepting sewer is being constructed there.

Dr. J. Arthur Myers '20Md, gave the University of Minnesota health program high praise recently when he talked to the Colorado Tuberculosis association and said, "If every institution of higher learning in the United States could copy the health program carried on at the University of Minnesota, much suffering and disease could be prevented and the life span could be increased." His subject was "Health for College and University Students." Dr. Myers is professor of preventive medicine.

"Using Horses on the Farm" is the publication by Alfred L. Harvey '20Ag, assistant professor of animal husbandry at University Farm.

Isabel Warren '20, of Minneapolis, was hostess to guests from Evanston, Ill., and Wausau, Wis.
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—1921—

The work of Professor Robert G. Green, '21Md, professor of bacteriology, in studying encephalitis and distemper in foxes, a piece of research which developed the discovery of a serum saving many valuable fox, has been featured in a recent issue of the Saturday Evening Post.

He has made other studies, too, and is seeking to discover why there

CHICAGO—Week by Week

By PAUL NELSON '26

Herman Mueller's law office has moved to the new Field building . . . Art Bohnen wrote an article for the November issue of the Journal of Real Estate Management regarding federal housing, that has appeared in reprint form . . . Stan Hahn has been here from Washington, D. C. . . . Ray Carlson is a new member of the "33 Club" . . . Bill Gibson here for a regional conference of the American Alumni Council . . . yours truly appeared on their program for a little discussion concerning alumni mags as seen from graduate's point of view . . . Frances McStay a new member of the Leo H. Burnett advertising agency staff . . . Johnny Paulson has left for a month's trip to the east and south . . . Ray P. Chase's new legal research bureau is located at 146 North Michigan Avenue . . . and yours truly is locating his trade magazine in a new office at 333 North Michigan around March 1.

and grouse occurring every ten years.

"Severe and widespread declines have been observed to occur," he said, "is a periodic disappearance of rabbits ever since the earliest activities of fur traders in North America."

Shock disease, an illness due to a low amount of blood sugar which is made evident in times of strain and shock, was blamed by Dr. Green for the widespread deaths of certain rabbits occurring quickly when the rabbits were excited. This he named as the most important reason for the periodic decline in snowshoe rabbits. Tularemia, second in importance, he has discovered has been carried by grouse, muskrats, wood-ticks and quail as well as rabbits.

"Although we have made preliminary studies of disease in grouse," he continued "no extensive study has begun as yet."

Since ruffed grouse and rabbits, plant-eating animals, form the principal food of game and fur animals, the reasons for their decrease are important as the basis of the cycle for all animals which feed upon them.

Mr. '21B and Mrs. Paul Doelz, of Minneapolis, have left for a vacation in the south. They will go first to Havana for a short visit and will spend two weeks in Miami before returning.

—1922—

Dr. Carl William Forsberg '22Md, physician and instructor in pathology at the University of Minnesota, died February 21 in University hospital. He was 39. Dr. Forsberg, born in St. Paul, studied for his fellowship in medicine in New York, Pittsburgh and Rochester. From 1927 to 1933 he practiced at Sioux Falls, S. D., re-

turning to Minneapolis to become an instructor at the University. Dr. Forsberg is survived by his wife; one daughter, Beverly Jean; a son, Richard William, and a brother and sister.

—1924—

Dr. '24Md and Mrs. C. W. Rucker, who have been living at 4129 Aldrich avenue S., Minneapolis, moved March 1 for Rochester, Minn., where they will make their home. They were guests of honor recently at a farewell dinner given by Mr. '25L and Mrs. Herbert W. Estrem.

J. Benjamin Schmoker '24, of the University Y.M.C.A., talked to the Northeast Y.W.C.A. forum audience in Minneapolis recently on his impressions of his tour last summer in Europe.

—1925—

Albert M. Johnson '25Ed, '36Gr, 36 years old, died Sunday, January 31, in his home in Omaha Neb. He was an instructor in the English department at Municipal University, Omaha. Mr. Johnson died after an illness of several weeks.

Before joining the Municipal University staff he was principal of the high school at Hannah, N. D., and head of the English department of Pikeville College, Pikeville, Ky.

He is survived by his wife, Mary; son, Edgar; parents, a sister and brother. Burial was made at Mount Pleasant, Ia.

Frances Erskine '25DH, of St. Paul, was named president of the Minnesota Dental Hygienists association at their dinner during the Minnesota State Dental association convention recently. She succeeds Kathyne Gardner '28DH, of Minneapolis. Next year

Florence Strobel '28DH, president-elect from Minneapolis, will assume office.

Dr. Joseph W. Dassetz '25Md, has recently moved to Whittier, Calif., at 208 Bank of America building, to resume practice of pediatrics after two and one-half years of general practice in the San Joaquin valley.

—1926—

Helen Evenson '26, Kappa Delta, was married December 31 to James Milton Coulter, Kappa Sigma, a graduate of the University of Chicago. They are living at 10 West Elm street, Chicago.

Philip W. Manson '26E, instructor in agricultural engineering, gives management tips in "A Well Planned Business," a bulletin issued by the Agricultural Extension Service at University Farm.

The engagement of Dr. Bruce J. Raeburn '26D, to Dorothy W. Mertens of Bayfield, Wis., was announced recently. No date was given for the wedding.

—1927—

J. H. DuBois '27E, has left the Plastics Department of the General Electric company in Chicago to become sales manager for the Plastics division of the Gorham company of Providence, R. I. He will maintain offices in Chicago for the present. His address is 1928 Humboldt boulevard, Chicago.

Dr. '27D and Mrs. Herbert J. Berens, of Excelsior, Minn., have as their guest Mrs. Beren's sister, Mrs. Wayne Browning (Lillian Bladon) of Danville, Ill.

—1928—

The new departure in news summaries, "In 1936", a book by Elmo C. Wilson '28, and Dean Alvin C. Eurich, assistant dean of the College of Education, has now sold over 5,000 copies in its less than a month off the press. And recently was reviewed in the New York Times, Herald Tribune, and Saturday Review of Literature.

"In 1936" by Dean Eurich and Mr. Wilson, instructor in contemporary affairs in the General College, is the first comprehensive survey of the events of a single year. It differs from previous surveys such as "Only Yesterday" in that it is still fresh enough to be news.

Its publishers, Henry Holt and company, plan to publish another by the same authors in 1937.

Covering up to January 1937, it



DR. RALPH CASEY

Dental alumni met on the campus this past weekend and this Saturday night the alumni of the Department of Journalism will hold their third annual Jamboree at the Radisson hotel in Minneapolis. Bjorn Bjornson, editor of the MINNEOTA MASCOT, will preside. Included on the general program for the evening will be the annual business meeting at which the officers of the journalism alumni group will be elected for the coming year. Dr. Ralph D. Casey, chairman of the Department of Journalism, has issued an invitation to the dinner to all former students of the division.

has gone through the first edition and is being used as a textbook or collateral reading in a number of schools and colleges.

And in last week's TIME was the semi-annual news questionnaire also prepared by Dean Eurich and Mr. Wilson.

Mr. '28 and Mrs. William T. Pettijohn (Rebecca Jean Plank), of Mufulira, Northern Rhodesia, South daughter on Friday, February 19. Mr. and Mrs. Pettijohn will visit Mr. and Mrs. Raby Plank, parents of Mrs. Pettijohn, next fall until the winter holidays.

Clinton W. Stein '28, in charge of the St. Paul office of the United States department of justice bureau of investigation, has been transferred as special agent in charge of the Oklahoma City office of the bureau.

—1929—

Dr. H. E. Hilleboe '29Md, state director of the division of tuberculosis and services for crippled children, spoke on "Crippled Children Under the Social Security Act" at the Medical Arts building, Minneapolis. It was the third talk of a series of six being sponsored by the Minnesota district of the American Association of Medical Social Workers.

Mental illness was the subject of a talk by Dr. S. Alan Challman '29Md, head of the Minneapolis public schools child study department, at a Minneapolis Public Forum. More than one-half the people who occupy hospital beds consult physicians are mentally sick and not physically ill, he said. But physical illness has been considered more respectable. The patients therefore wish to consider themselves physically sick.

"This has resulted in physicians knowing much about the body and little about the mind," he said.

—1931—

To wed soon . . . Elizabeth Mead Collins '31Ed, Pi Beta Phi, and John Tennant Adams '32E, Phi Kappa Psi. Mr. Adams is a graduate of Amherst college and the son of the late Senator Charles E. Adams.

Born to Dr. and Mrs. R. P. Ferguson (Celinda Hadden '31Gr), a son, Lee Hadden, on February 11 at Cranford, N. J.

Virginia Baker '31Gr, has just returned to Minneapolis after spending two weeks in New York and eastern cities.

Rev. '31Gr and Mrs. Paul Huchthausen (Regina Joesting '31), of Wayzata, Minn., entertained Mr. '26E and Mrs. Fred Joesting and their son, Douglass, of Minneapolis, recently.

—1932—

Bessie Hawk '32, has chosen the Hennepin avenue Methodist Episcopal church, Minneapolis, as the scene for her marriage of March 12 to A. Mills Dewell of Aberdeen, S. D.

The marriage of Ruth Jondall and Gordon Walter Wittich '32P, took place on Valentine's day with the Park Avenue Congregational church in Minneapolis appropriately decorated in a red and white color scheme.

Rev. Bertram B. Hanscom officiated at the ceremony at 4 o'clock. A sorority sister of the bride, Mrs. R. M. Aker, played the organ program.

The bride's attendants included Mrs. Kenneth D. Morlan (Bernice

Hanscom), matron of honor; Mrs. Harold Nott, Jennety Mae Jondall, Mrs. Adrian Revere Ellefson (Margaret Ann Turner) of New York and Barbara Ann Hammer.

Fred W. Kaepfel was best man for Mr. Wittich. Ushers included Edwin Haislet, Neil Tangen, Kenneth D. Morlan and Earl Mehus.

After a wedding trip to Chicago and Milwaukee they will make their home in the Twin Cities.

Engaged . . . Maurice G. Idelkope '32Ex and Lillian Bank, a well-known dancer here and in New York where she was on the stage for several years.

—1933—

J. J. Mangan '33E, has been engaged as a student engineer by the General Electric company at Schenectady, N. Y. He began his work there January 22.

John Ledin '33Ex, a member of Phi Kappa Psi, and his fiancée, Susan Robertson, Gamma Phi Beta from Rollins College, Winter Park, Fla., choose the month of May for their marriage.

Clifford Mace '33E, architectural, is connected with the explosives department of the Hercules Powder company at Wilmington, Del. He was recently transferred from the branch office at Duluth, Minn.

Hugh Meindel '33C, with the duPont de Nemours company of Wilmington, Del., is studying sales development of the new methyl methacrylate resins.

Dr. '33Md and Mrs. Harold Garner Benjamin (Lois Groves '34Ed), whose marriage took place February 6 are in the east taking a honeymoon trip. On their return to Minneapolis they will live at 3815 Glendale terrace.

Edwin J. Shields '33E, of Springfield, Ill., where he is working for the State of Illinois in the highway bridge office, has recently been engaged to Mary E. Martin of that city. Their marriage will take place this summer.

Ralph W. Struck '33Ex and Helen Edwards, of Cleveland, Ohio, were married February 20 in the home of the bride's brother-in-law and sister at Shaker Heights, Cleveland.

A small reception followed the ceremony. After a wedding trip Mr. Struck and his bride will lie in Detroit.

Mrs. Struck attended Sunset Hill School for Girls, Kansas City, and Miss Bennett's School at Millbrook, N. Y. She is a member of the Los

Angeles Junior League. Mr. Struck is a member of Chi Psi fraternity.

—1934—

Constance Hughes '34Ex and Boyd Schernbeck '34Ex, had their engagement announced at a Valentine's party given at the bride-to-be's home. Mr. Schernbeck is a member of Alpha Tau Omega fraternity.

Donald Hull '34E, has been transferred from Buffalo, N. Y., to the Experiment station of duPont de Nemours company at Wilmington, Del.

Carroll N. Stenson '34Ed, who could double fairly easily for Gary Cooper, is special agent for the New York Life Ins. Co. in Minneapolis.

This month will be the marriage of Faye Rigler '34Ex and Irving A. Halpern '34Ex, of Los Angeles. Mr. Halpern was graduated from the University of Southern California. He belongs to Phi Beta Delta fraternity. Miss Rigler is affiliated with Sigma Delta Tau sorority.

—1935—

Leonard T. Ostergren '35E, who has been working on the Goodyear rubber company's Engineering Squadron, a training course in the various engineering problems of the company, has been transferred to Plant No. 3 in Akron on February 15.

"On this job," he writes, "I am to supervise engineering maintenance, repairs, and become acquainted with production problems and methods. I have enjoyed my work immensely. I have had a host of varied experiences both interesting and educational.

"I enjoy most of all bragging about the Minnesota football team, and now our basketball team as to how much better they are than Ohio State."

Referring again to his work with Goodyear, he says, "Work on the Engineering Squadron consisted of working in engineering departments as well as outside schooling and gym taught in Goodyear's Industrial University. While on this new job, the schooling will be continued for another year and one-half at which time the three-year Squadron course will be ended, and another diploma received."

Dr. Carl Langkammerer '35Gr. is with the Experimental Station of the duPont de Nemours company of Wilmington, Del., as organic research chemist.

Arnold Sward '35E, chemical, and president of the 1935 class of chem-

ists and chemical engineers at the University, is in the Vinylite sales division of the Union Carbon and Carbide corporation of New York City.

Oswald K. Krogfoss '35Ag, who entered the U. S. Forest Service in 1935 has again been transferred this fall, and is now Junior Forester in a T.V.A.-C.C.C. camp at Scottsboro, Ala., working on erosion control and planting. Entering the service in 1935 he worked in Texas on the Tree Shelter project until the summer of 1936 when he was transferred to Tennessee.

A June wedding planned . . . that of William Stuart Baring-Gould '35B, once the Ski-U-Mah's "Old Man", to Lucile Marguerite Moody '34GC. She is a graduate of St. Mary's Hall, Fairbault, and is a member of Delta Delta Delta sorority. Mr. Baring-Gould is a member of Phi Gamma Delta fraternity.

—1936—

William Plymat '36L, last year the Barrister columnist for the Minnesota Daily, is directing publicity for the Hotel Lowry in St. Paul, and announces their radio publicity on dance broadcasts from the hotel.

June Carey '36, of Willmar, the former active chapter president of Alpha Delta Pi sorority, was in Minneapolis recently to attend her sorority's winter formal.

Charles J. Poynter '36, has recently become associated with the Krebs Pigment division of the duPont de Nemours company at Wilmington, Del. Mr. Poynter was formerly with the Socony Vacuum Oil company at Augusta, Kan.

Sherman Dryer '36, while on the campus the head of the Progressive party, has an editorial post on the Farmer Labor Leader and a position in the Governor's office. At the same time he is following up his campus training as director of the WLB Newscast by writing radio scripts, and returns now and then to speak before student groups.

Feng-Swen Li '36Gr, is with the government service in China. Before returning to China, he visited entomological centers and cotton growing districts in the United States for information for his work.

Arthur Lee '36, who has been the University correspondent for the Associated Press, filling temporarily the vacancy created through the leave of absence of Les Etter, resigned to take a job as general assignment man on the Minot, N. D. Daily News.

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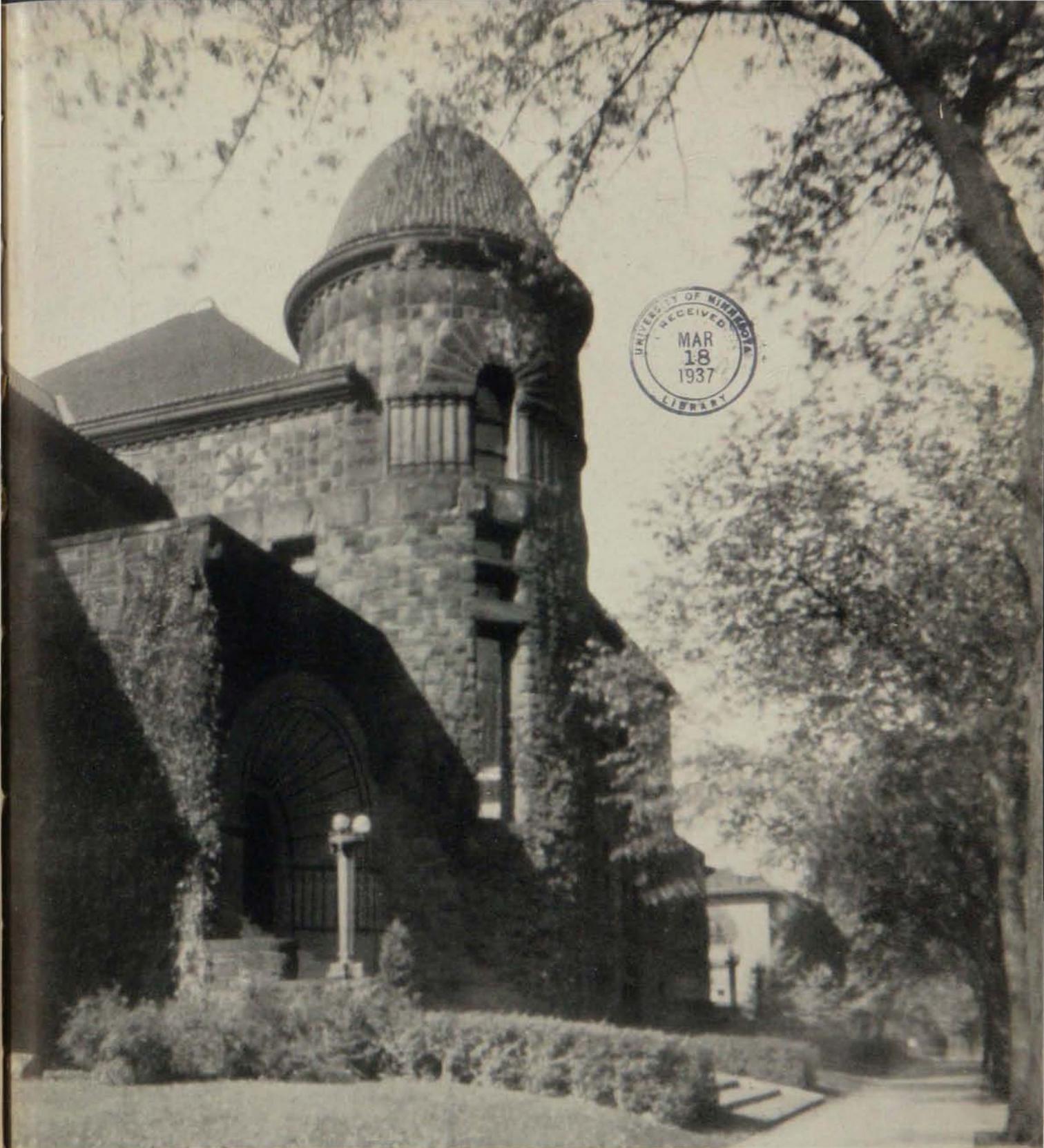
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Vol. 36

March 13, 1937

Number 24

OFFICIAL PUBLICATION OF THE UNIVERSITY OF MINNESOTA ALUMNI ASSOCIATION

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QUESTIONS

1. Who was "The Little Corporal"?
2. On a balance sheet, does surplus appear as an asset or as a liability?
3. Who is the most famous violin maker of all time?
4. What state first granted suffrage to women?
5. What is another name for the game of draughts?
6. Give, within five hundred million, the population of the earth.
7. What famous goldsmith and sculptor wrote his own biography?
8. What is the institution known as Lloyd's?
9. In what comic grand opera by Rossini is Figaro a character?
10. The home of what American President was called Monticello?
11. When and where were the first modern Olympic Games held?
12. What is the name of "The Forbidden City" in Tibet?
13. How many feet are there in a fathom?
14. In what constellation of the zodiac are Castor and Pollux to be seen?
15. Give to the nearest million the amount paid by the United States for Alaska.
16. Who was the youngest President of the United States?
17. Who said, "History is bunk"?
18. Who discovered the fact that blood circulates?
19. Nautically speaking, what is a knot?
20. What city in the United States ranks fourth in population?
21. Who is poet laureate of England?
22. Who were the Myrmidons?
23. Where are the Galapagos Islands?
24. What metal is the best conductor of electricity?
25. Is there any state in the United States in which divorce is not possible on any grounds?



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The Minnesota Alumni Weekly

The Official Publication of Minnesota Alumni

VOLUME 96

MINNEAPOLIS, MINNESOTA, MARCH 13, 1937

NUMBER 24

Environment Changes in Minnesota

AFTER nearly a century of permanent occupation of Minnesota by a white population it is fitting that we pause to appraise our achievements; to inquire how the environment of today compares in opportunity with that of 100 years ago; to ask ourselves what our activities have accomplished in the way of improvement of conditions and to ascertain in what respects, if any, we have lessened opportunity.

Man's occupation of Minnesota far antedates the period of recorded history. The inhabitants of this area in that prehistoric day when the Glacial Lake Agassiz covered the fertile Red River valley of today were probably few in number; their implements were crude and limited in effectiveness. Unaided by power other than that of their own physical exertion they were not competent to modify the natural environment materially. Much later, Minnesota was the home of a race of Mound Builders whose activities extended at least as far north as the Twin Cities. Those people took advantage of natural clearings, cultivated fields, and built great structures.

Succeeding the Mound Builders, an Indian population, primarily dependent on the chase for a livelihood, occupied the area. The introduction of the horse brought greater mobility to the Plains Indians and population shifts occurred but the natural environment was not modified greatly by either the Mound Builder or the Indian occupation.

The white man entered Minnesota by way of the Great Lakes, possibly as early as 1655, but permanent occupation was long deferred by lack of accessibility, Indian occupation and by erroneous beliefs as to climatic conditions based upon reports by fur traders. As late as 1840 the only portion of the state opened to white

This article is taken from the lecture "Man and His Habitat" given by Professor Darrell H. Davis of the Department of Geography. It was the fourth and concluding lecture of the annual Sigma Xi Series.

settlement was the area between the St. Croix and Mississippi rivers and the number of white inhabitants totaled but a few hundred. Fur trading and lumbering were the dominant economic activities.

In 1850, shortly after organization of Minnesota as a territory the population had increased to somewhat less than 6,000, located in the vicinity of the Twin Cities between the rivers. The population of 172,033 in 1860 was concentrated in southeastern Minnesota. From 1860 to the present the population spread steadily to the north and west, pushing up the valleys of the Mississippi and Minnesota rivers and spreading to the interstream areas and the grassland regions of the southwest and northwest.

Early Activity

Prior to 1840, the economic activities of the territory centered around the fur trade and such movement of population to the areas as occurred before that date was motivated by conceived opportunity in the fur trade. It is estimated that between 1840 and 1870 the value of skins and furs was about \$40,000 per year and even as early as 1850, lumbering, then in its infancy, rivaled the fur trade as the dominant economic activity in the area.

Logging began on the St. Croix as early as 1837; by 1848 the first mill had been built in Minneapolis and operations extended to the Rum river.

The lumbering industry was responsible for the beginnings of many Minnesota towns and also played an important part in the development of agriculture in the grassland areas of the west and south by supplying cheap lumber.

By 1850, forest products, though of but \$57,800 in value, were the most important source of revenue of the Territory. After that date, and particularly between 1880 and 1900, expansion of the lumbering industry was very rapid. By the latter date, lumbermen had invaded the Arrowhead Country north of Lake Superior, the last important stand of virgin timber in Minnesota. At present, the value of forest products in Minnesota is approximately \$14,000,000 per year as compared with a peak of over \$43,000,000. Present production is of about half the value of eggs produced in the state and a still further decline may be expected.

Between 1850 and 1935 the acreage of land in farms in Minnesota increased from 28,881 to 32,817,911 and this latter figure is 63.4 per cent of the total land area of the state. Prior to 1860 corn held first place among the cereals but the period from 1860 to 1880 was one of specialized wheat farming resulting at least in part from the development of more adequate transportation facilities and the improvement of agricultural machinery. The relative importance of the four major cereal crops, corn, oats, barley and wheat has not altered since 1880, with the exception of wheat, which is now fourth in amount of total yield.

Mineral resources played no part in the early occupation of Minnesota as they were not developed until rather late in the history of the State. Not until after 1885 did the value of the annual mineral production exceed \$10,000,000.

Iron ore production, essentially the sole present support for many north-eastern Minnesota communities, contributed over 96% of the value of all mineral production in the State between 1920 and 1930. The peak of production for both iron ore and all minerals actually occurred in 1929. During the depression, production of iron ore fell from 47,478,167 tons in 1927 to a low of 2,250,200 tons in 1932, 4.7% of the 1929 tonnage. Since that date, production has increased steadily, reaching 20,533,117 tons in 1935. Production for 1936 will be approximately 37,000,000 tons, but whether the 1927 production will ever again be attained, is debatable.

Changes

With the brief summary of the progress occupation, exploitation and development which has been supplied as a background, it is proposed to enumerate and discuss some of the changes in environment which have resulted from man's activities in Minnesota during the past century; to state some of the problems which confront us today as results of use and misuse of the natural resources of the State; and to suggest tentatively some possible approaches to a solution of some of these problems.

Of the individual factors of the environment, climatic conditions have not altered during the past century, through the action of either natural agencies or human activities. The highest average July temperature of record, 81.7 degrees, occurred in 1830; the lowest for the same month, 65.7 degrees, in 1865. Again in 1936, the average July temperature rose to 81.4 degrees as against 66.4 degrees in 1891. The highest average January temperature of record, 28 degrees, occurred in 1846, but an average of 25.8 degrees was reached in 1931. The lowest average January temperature of record, -3.4 degrees, occurred in 1875, but in 1912, the average of -2.7 degrees, was nearly as low. February, 1936, was an average of 0 degrees, was the coldest February of record. There is no foundation in fact for the belief that temperatures have changed in Minnesota within the period of white occupation.

Similarly the record of precipitation evidences no change during the past century. The heaviest annual precipitation of record, 49.69 inches,

occurred in 1849, but the lightest, as well, 15.07 inches, occurred in 1852. Further, the average since 1891 has been 27.22 inches as contrasted with a 100 year average of 27.08 inches.

Consideration of the environmental factor, relative location, however, reveals great changes during the past century as the original peripheral location has been modified by improved means of communication. The initial lack of roads has been remedied by the construction of a State Trunk Highway System embracing 11,340 miles of road; 2,807 paved; 3,248 bituminous treated; 4,780 gravelled and 508 maintained dirt. This is in addition to a State and County Aid and a Township System embracing a total of 107,045 miles; a grand total of 118,385 miles in all. The Red River Cart has been supplanted by the highly efficient automobile, one to every 3.4 persons in the State. By construction of 9,312.6 miles of rail lines, all common carriers, distances have lost their former significance and their importance lessens still more as air transportation develops. We have even attempted of late to resurrect our obsolescent and defunct river highways.

Despite marked improvement in relative location, it is well to remember that approximately 90% of the population of the United States lives east of the 100th meridian, only a few miles to our west, so that we still have a peripheral location with reference to population, a fact not to be disregarded in planning for the future.

Significant

From the standpoint of important and possibly permanent limitation of environmental opportunity, it is probable that the most significant changes in the physical environment have been those in fauna and flora, mineral wealth, drainage conditions and soils.

It is a matter of common knowledge that we have depleted our forest resources almost to the point of exhaustion; that fires have run through the cut-over lands, still further decreasing opportunity in those areas; that we have as yet formulated no satisfactory, long-time program which will insure production of forest crops in those areas by private capital nor have we as yet set up an adequate state agency to handle the problem effectively. We also face

somewhat the same situation as regards our wild life.

This unsolved problem of rehabilitation of our cut-over lands is important, not only to the cut-over areas but to the balance of the State as well, for though forests do not increase total rainfall appreciably if at all, they do affect the efficiency of a given amount of precipitation and they regulate stream flow, thereby increasing the availability of our rivers for navigation, power development, recreation and other uses in addition to assisting in checking soil erosion, minimizing flood damage and in conserving wild life and the value of the recreational asset. This is quite apart from the fact that forests as such, if managed effectively, may be important sources of employment and revenue, both of great significance in that part of the State where the bulk of our cut-over lands are located.

Ore Reserves

In a fashion similar to that in which we have despoiled our forests, we are now exhausting our remaining reserve of high grade iron ore, though the speaker believes that the life of these reserves will be longer than is commonly supposed as the future drain on them will probably be less in the future than in the past, it will still be true, that with decrease in production, the basis for support of a considerable population will disappear and must be replaced by some other form of economic activity.

Though it is desirable to continue investigation of the possibility of smelting low grade ore at a profit against the time when the high grade ores are exhausted, it should be remembered that the peripheral location of the State will always impose a handicap on the utilization of these inferior ores. It would appear that the pressing problem is to find some basis for at least partial support of those communities today dependent entirely on mining of iron ores before their complete exhaustion.

In common with other glaciated areas, the immature natural drainage of Minnesota necessitated considerable supplemental artificial drainage to make effective agricultural use of the land possible in the areas of lesser relief and heavier soils. In 1930, 11,474,833 acres of land, 22 per cent of the total land area of the State, had such artificial drainage. Wherever natural run-off is too slow

and the land passes into profitable agricultural use subsequent to drainage, the environment is improved by such facilitation of run-off. Too often, however, the artificially drained land does not pass into profitable agricultural use; often it does not pass into use of any kind. If this last were the only unfortunate result of unnecessary drainage it would be bad enough as it would involve an expenditure of money without any compensating gain, but the reality is worse as there are always certain inherent disadvantages associated with artificial drainage as follows:

1. It increases stream fluctuation, thereby decreasing the desirability of rivers for navigation, power development, sources of water supply and recreation, in addition to increasing flood danger and damage.

2. It increases soil erosion by promoting rapid run-off which increases the sediment transporting ability of running water.

3. It interferes with wild life, both plant and animal, destroying breeding grounds for many birds.

4. It increases the danger of bog and forest fires.

5. It lowers the water table. There is a marked coincidence of areas with artificial drainage and areas of lowered water table, which in western Minnesota has been depressed as much as 25 feet. Not all, though a considerable part of such lowering is a direct effect of drainage. A lowered water table is reflected in lowered lake levels and partial or complete destruction of lakes.

Agriculture

Agriculture in Minnesota has already expanded considerably beyond the limits of the area best given over to crop production. This is particularly true in northeastern Minnesota where climatic conditions are relatively unfavorable, where soils are thin and often stony, even in the depressions bordering the larger streams.

Attempts at agriculture in these areas of lesser desirability were not complete failures as long as a part time occupation at some other pursuit supplied a portion of the income. It was during this period that the Minnesota State Board of Immigration attempted to induce settlement by claims that 75% of the area was adapted to grains, grass and vegetable crops." With the exhaustion of the forest resources, the

Copies Available

Several regular readers of the ALUMNI WEEKLY and others have requested extra copies of the numbers of the magazine in which appeared the condensations of the lectures delivered in the annual Sigma Xi series in February. Excerpts from the fourth and final lecture in the series appear in an article in this issue.

Fortunately, extra copies of these issues of the magazine were printed and have been available. At the present time, however, the supply is limited. Alumni who wish to secure any one of these numbers, or complete sets of the magazines in which the four lectures have appeared, should send in their request immediately. There will be no extra charge to ALUMNI WEEKLY subscribers.

disappearance of lumbering and the removal of the logging roads, these stranded settlements have demonstrated by trial that agriculture yields but uncertain, scanty and insufficient returns, with the result that considerable abandonment of farms, particularly of those off the main highways, has occurred. It is now apparent that these agricultural ventures were not justified and there is today considerable support for "resettlement" of these unhappily located settlers.

After an exhaustive study of one of these stranded settlements in the fall of 1934, the speaker is not in accord with the solution of the problem. In preference to resettlement, it is suggested that further settlement be discouraged and that part-time industries using local raw material, probably co-operative in character, be supplied to enable replacement of the income lost with the passing of the lumbering industry, together with minor and easily effected adjustments of population within the area to decrease the burden of taxation and to remove the disadvantages of isolation.

To the speaker, the most serious problem confronting agriculture in the United States is that of soil erosion hence it has been a source of great personal satisfaction to have the problem finally receive proper public rec-

ognition. It is estimated that the annual loss of soluble plant foods through erosion amounts to \$9,510,000,000 in value; the annual monetary loss through decreased productivity to \$400,000,000. To these amounts should be added other huge sums for shoaling of streams and clogging of reservoirs; for abandonment of irrigation enterprises; for abandonment of other non-irrigated agricultural land; for the devastation of grazing areas and for increased flood damage. In all, 664,327,772 acres of land have been affected to the extent that 25% of this acreage has lost part of its top soil or been ruined for further tillage. Allowed to continue unchecked for another 100 years, our present 450,000,000 acres of fertile land will be reduced to 150,000,000; not enough to maintain a satisfactory national standard of living. If that time comes, crop restrictions will not be necessary to eliminate a surplus.

Fortunately, the problem of soil erosion in Minnesota is not as serious as in many other portions of the United States, though sufficiently important to deserve attention. For the State as a whole, there is little or no erosion in 54.2% of the area; 21.2% had been affected by water and 24.6% by wind erosion.

Erosion

Of the two types of erosion by water, sheet erosion or the removal of a layer of top soil of uniform thickness, is the more important though less spectacular, because it may be serious on relatively flat slopes in the best agricultural areas whereas gully erosion assumes greatest importance in hilly areas of lesser agricultural desirability. Moderate sheet erosion with little or no gully erosion, occurs in both the central and northern portion of the State, many of the farms in these areas having lost one-fourth to three-fourths of the surface soil. Although these areas do not seem to present a pressing problem at present, continued erosion will soon affect them seriously. The area of severe gully erosion extends from southern Wright County to southeastern corner of the State, bordering the Mississippi River.

Wind erosion is serious in about one-fourth of the State, or 12,692,812 acres, where the soils tend to drift, with strong winds. It is severe and needs immediate attention on 3,421,202 acres; 15,543 acres have been destroyed.

Minnesota Foresters in Central States

NUMEROUS Minnesota forestry graduates are engaged in furthering the conservation program in the Central States. In private employ and as public servants engaged in state and federal activities, they are making good. The duties they assume are in uncharted fields, and the responsibilities are great, yet their accomplishments are outstanding. This is particularly true where the task of establishing new National Forests is being undertaken. Here is a new frontier for foresters, and many have accepted the challenge. Some come with wide forestry experience and to others this is a "first assignment". One trait common to all is enthusiasm. Assignments change so frequently that the brief statement of "who's who" may be subject to revision before it is published.

In Ohio

In Ohio, Dan Bulfer '30, is active as Assistant Supervisor on the Wayne Purchase Unit. Danny spent a month on the Superior National Forest during the severe fire season of 1936, in charge of C. C. C. crews. During the latter part of 1936, he was detailed to Kansas on an A. A. A. grazing land adjustment reconnaissance.

Roland Scharr '33, is Ranger of the Hocking Valley Unit, with headquarters at Athens, Ohio. Roland figured in an auto mishap recently, and all his friends are wishing him a speedy recovery. Roland recently completed the Ranger Station buildings, and they add a pleasing touch to the residential district on the outskirts of the City.

J. J. Ahern '35, is acting Camp Superintendent at Camp F 11, Nelsonville, Ohio. Recent callers at the Camp included J. A. Mitchell, Silviculturist at the Lake Station Forest Experiment Station, Thomas Lotti, and John Kuenzel, who were inspecting fire weather equipment installed there.

Earl G. Wilson '27, is Superintendent of the Federal Nursery at Chillicothe, Ohio. Struggling with water and soil problems, Earl is making good progress on his assignment.

Another Gopher in the Buckeye is A. A. Anderson, "Triple A" to his

friends, who is in charge of the Cincinnati office of the Chicago Mill and Lumber Company, where he is busy selling the Crosley Corporation lumber and crating.

In Indiana, David A. Arrivee, is Assistant Supervisor of the Indiana Purchase Units, with headquarters at Bedford, Indiana.

In Flood Area

W. D. Betzer '34, is Superintendent of the Federal Nursery near Vallonia, Indiana. Indiana foresters are to be lauded for their efforts in behalf of flood victims during the recent high waters.

In Kentucky, C. H. Wiggin, 1913, is Resident Superintendent on the Robinson Forest near Quicksand, Kentucky. "Gilly" directs activities on the 5,000 acre Experimental Forest jointly administered by the State Forest Service and the University of Kentucky, ably assisted by his sons, who are chips off the old pine tree.

Stanley J. Buckman, 1933, is with the American Creosoling Company at Louisville, Kentucky. We hope he came through the recent flood period safely.

Illinois

In Illinois, Stanley B. Olson '32, is engaged in the duties of Forest Ranger on the Shawnee Purchase Unit with headquarters at Metropolis. Gerald S. Horton '28, terminated his

duties in Harrisburg, Illinois, where he was Forest Supervisor, this month to accept an appointment at the Regional Forestry Office in Milwaukee, Wisconsin. The Forest Service, together with the C. C. C. organization rendered invaluable assistance to flood victims and relief agencies during the recent emergency, in evacuating families, hauling supplies, and aiding the Red Cross and the Coast Guard in the transmission of messages over shore wave radio sets. In many cases, Forest Service radio sets were the only means of sending and receiving messages.

William F. Peel '25, is Forester for the Soil Conservation Service and is located at Urbana, Illinois.

Missouri

In Missouri, G. A. Limstrom '28, is still actively engaged in promoting forest projects on the Clark National Forest Purchase Unit. His time is divided between the supervisor's office in St. Louis and the Ozarks. In addition to carrying on a planting program, a timber survey for forest management plans, he has recently been detailed to Columbus, Ohio, where he assisted in the preparation of a special report entitled, "Factors Affecting the Extent of Decay in Certain Upland Hardwoods for the Clark Purchase Unit in Missouri".

Walt Jacobson '35, is engaged as a Junior Forester at Camp F-11, Clark Forest, Ellsinore, Missouri.

Buys Land

Arthur Hawkinson '35, is Junior Forester at Camp F-18, Clark Forest, Poplar Bluff, Missouri.

Gerald Pugsley '35, is Assistant Ranger on the Gardner Forest at Ava, Missouri.

Ray Knutson '28, is in charge of acquisition for the Missouri National Forest Purchase Unit, and is engaged in buying land in the Missouri Ozarks for Uncle Sam.

There are doubtless other Minnesota foresters engaged in their profession throughout the region. Thus far, it has not been possible to contact all of them, although the opportunity to do so will be keenly appreciated.

The Author

This article on the activities of Forestry alumni in the Central States Region was prepared for the Alumni Weekly by John G. Kuenzel '26Ag, a member of the staff of the Central States Forestry Experiment Station at Columbus, Ohio. Mr. Kuenzel has recently completed and published reports on various forest units in Illinois and Missouri. He declares that all Forestry alumni are following with real interest through the Alumni Weekly the campaign for a new building to house the Division of Forestry at University Farm.

The Arthur Upson Room

by LAURA SHAFER THOMPSON

THE Arthur Upson Room in University Library is a memorial to Arthur Upson, who was a graduate of the University, a former member of the faculty, a poet of distinction, as well as an ardent lover of books.

The collection of books, together with the furnishings and decoration of the room, is a gift from a friend of the University.

The room, which was opened in February, nineteen hundred and twenty-five, is a special room in the library, set apart for the enjoyment of reading. The books in this library represent a careful and varied selection of what might be called in a broad sense, *belles lettres*.

They form a collection of nearly five thousand volumes of the recognized classics in English, French, Italian, German and Spanish as well as the better works of contemporary writers. Many of the books are in beautifully bound sets, come in fine old editions—dating from the sixteenth century on—and others in unusual and attractively illustrated editions of a later period.

The collection includes books of classics and modern essays, history, biography, philosophy, and religion, natural history, fiction, poetry, drama, literary criticism, travel, music and art. The books are arranged by class and the effect is that of a private library. Each book contains the bookplate of the Arthur Upson Room, which is a modification of Arthur Upson's personal bookplate. This was designed from a photograph of a yew tree taken by the poet himself in a garden at Wadham College, Oxford. The original bookplate contained the motto "Have Roots". The adaptation used in the books in the room has the inscription, "Arthur Upson Room", with the poet's initials in place of the motto.

The design on the bookplate is further carried out in the tapestry chairs and in the placque over the fireplace. The placque contains the motto, also. The tapestry for these chairs and for the divan, which faces the fireplace, was especially woven, and the furniture especially designed and made for this room. The color of the tapestry is soft blue-green. This color is tastefully combined through-

out the room with the predominating colors of blue, old gold and yellow. The heavy brocaded draperies hanging at each of the five pair of windows are blue with soft yellow lining and with gold fringe—and are tied with heavy blue cord. In addition to the natural light, the room is illuminated by candle clusters of wall lights, table lamps and two beautifully designed chandeliers. These are richly decorated also in blue and gold. The table lamps are of three kinds. Three have exquisite Italian pottery bases, with yellow silk shades; four finely carved wood bases with brocaded shades; and two have metal bases with parchment shades. The parchment shades are decorated with designs of the zodiacal signs, which are seen in the gorgeously painted beams.

Furnishings

In addition to the tapestry chairs, there are plain and colored tooled leather chairs. The colored leather is of one pattern, but in two colors. The one, a rich blue-green predominating—the other crimson. These chairs, as well as the rest of the furniture, with the exception of the two old Italian pieces, were designed and made especially for the Arthur Upson Room. The crimson of the chairs is repeated in the brocaded lamp shades, in the table scarf, which is embroidered with the design in the Florentine lily, and in the pad and pillow on the bench at the rear of the room.

This combination bench and chest is a beautifully carved old piece, and adds much to the dignity and quiet splendor of the room. Another old piece is one of the chests which stands on either side of the fireplace at the front of the room. The one at the right is a genuine old Italian piece, the other a fine copy of another old chest.

There is one heavy octagonal table in the center of the room, and there are three large rectangular tables at the sides. All are of beautiful walnut, which is the wood used in the rest of the furniture and in the woodwork in the room. A fine library table stands back of the divan, and

holds two of the lovely pottery base lamps, with a photograph of Arthur Upson between them. An etching of the poet is hung over each of the chests.

On either side of the placque over the fireplace is an interesting old lamp of colored glass and delicately wrought metal. These lamps came originally from an old Italian mission and they add much to the colorful charm of the room. The rest of the front wall is panelled below the frieze which extends about the entire room. This frieze is of hand-tooled, hand-decorated leather and is one of the most beautiful features of the room. The predominating colors are again blue, old gold and yellow, with touches of others colors in an exquisitely delicate and detailed piece of work.

Below the frieze, open book shelves cover the remaining three walls. The period which the room represents in its furniture and in its decorations is that of the Italian Renaissance. This plan is carried out to the finest detail and the result is a room of extraordinary beauty, of subdued luxury, and of quiet dignity.

An air of quiet prevails in the Arthur Upson Room. There is an assistant always in attendance to help readers in any way, but people may go about to select books for themselves without interference from anyone. The books do not circulate, as the purpose of the room is reading for personal pleasure and profit, the conditions of the gift requiring that no textbooks, newspapers or notebooks be permitted in the room. Silence must be maintained. No meetings or social gatherings may at any time be held in the room. There are seats for about forty readers. A fund for additions to the collection has been provided by the donor of the other equipment of the room.

Recently a gift of a part of Arthur Upson's private library was received from Mr. T. C. Hollenberger of Chicago. In addition to the three hundred twenty-nine volumes the gift includes letters written to Mr. Upson, clippings, photographs and snapshots, as well as the poet's mortar board. The collection is to be known as the Inez Hollenberger gift.

This Room must be seen to be appreciated. The charm of the room is not alone in the rich furnishings, decoration, the choice of books—the charm is in the atmosphere.

Something felt, rather than seen. Immediately upon entering the room, one feels a sense of profound peace and spirituality.

To fully enjoy and appreciate this room it is necessary to know something of the personality and ideals of the poet whose memory is perpetuated, and the purpose of the gift. Arthur Upson was a poet of distinction—a man who loved books and counted them also among his friends. He understood, as few do, that art of reading to which this special room is set apart. "Much depends upon when and where you read a book", says Elia! And Upson indicates the conditions which he chooses for that occupation—"the rainy night, the clean-hearthed room, Rose in vase and Samovar, Friendship, fire and fragrant tea."

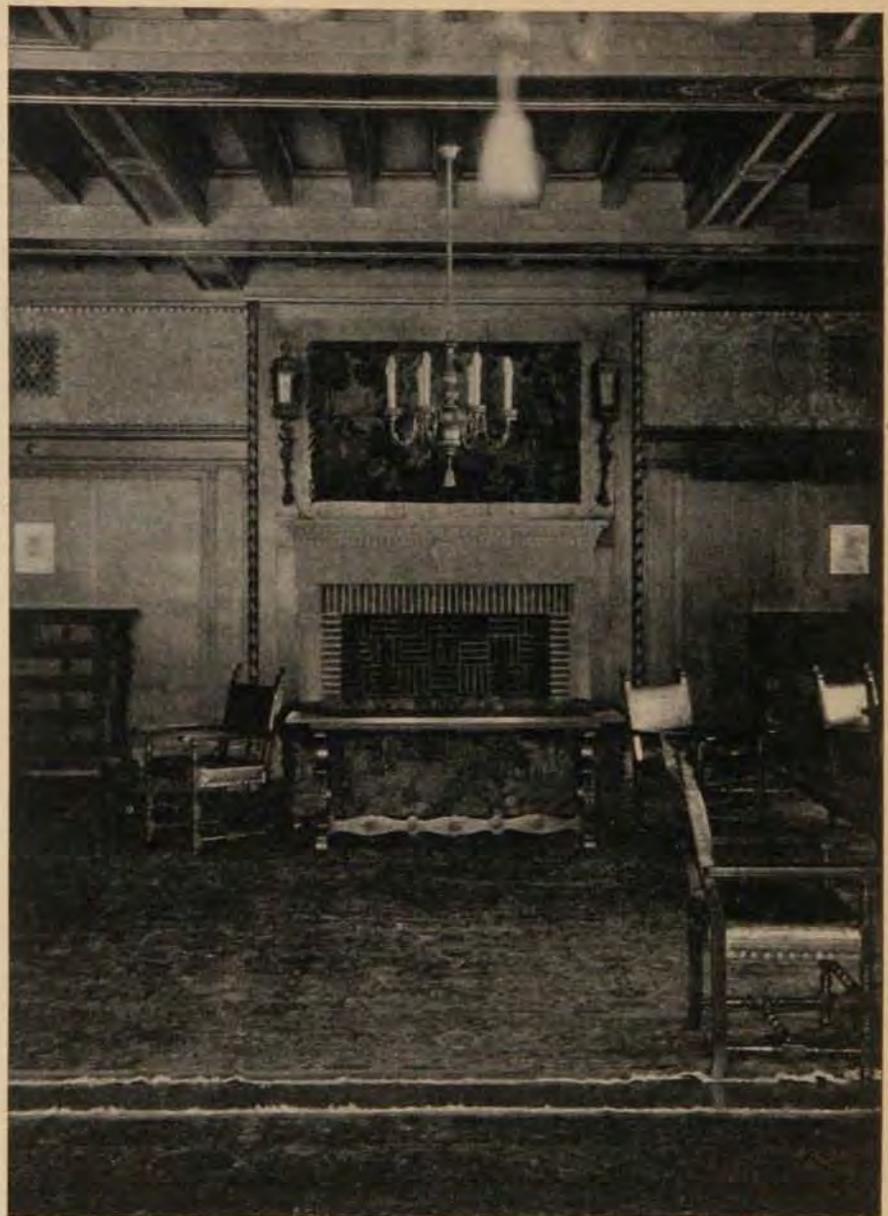
Books

When friends visited him he eagerly brought out his books. He would bring them out by armfuls as if he had been gathering wild flowers. He tenderly regarded the temporary dress of the work before going on to consider the permanent part. On Upson's bookshelf, "Elia", he notes, is "in his gold and green, Boswell in six red volumes, and Heine's 'Neighbor DeQuincy' is clad in red with a gold crown on his head."

Arthur Upson has left us in his charming "Rime of Good Company" a roll of the authors he would summon to take tea with him, when he must spend the evening alone before his fire. There is Cervantes, and LeSage, with his blithe Gil Blas. There is Elia, with cousin Bridget and Sarah Battle. There is Vasari with his anecdotes of Botticelli, Biagio and Angelo.

The poet considers summoning Omar and he insists on Boswell. He summons the later Irish bards, the gypsy Lavengro and last DeQuincy, whom he has sought beneath "the dim Worcester oaks" and "up and down in Oxford Street and in a graveyard of St. Cuthbert." They are all writers notable for their humanity, their imagination, their concern for whatever makes life wise and gay.

Arthur Upson was the author of several volumes of verse: At the Sign of the Harp, The City, Octab's Written in an Oxford Garden. He added a stanza to the University Ode, which is sung by all loyal Minnesotans.



Fireplace Corner in Arthur Upson Room

He was drowned in the thirty second year of his life—referring in his last poem to death as a time "when the song is done".

The donor of this room is one of Arthur Upson's friends, one who knows books, and who knows what such a place would have meant to Upson himself when he was a poor college student, or even one of the faculty loving books, and often no doubt at a loss to know where to find the books he loved, or a suitable, a congenial place to read them.

It is the hope of the donor that the students at the University of Minnesota will find and use this room

in that Spirit to which the Arthur Upson Room is dedicated. It is one of the best of its kind in any University in the country. It is such a place as the man in whose memory it is given would have loved.

"These books are comrades for the hour that flees,

Suggesting things to love, not heights to climb—

A youthful spirit moves within whose walls

To bid you welcome. Enter, read and dream,

Nor count Earth's chosen spirits all too few."

School Men To Meet On Campus

SCHOOL superintendents, high school principals, teachers and other educators will gather from all parts of the state at the University of Minnesota, March 23-24-25, for the twenty-fourth annual Schoolmen's Week. The session is held each year by the College of Education of the University and the State Department of Education.

Outstanding among the visiting speakers who will come to the University campus to address the group this year are Arthur E. Morgan, chairman of the board of directors of the Tennessee Valley Authority, and Dr. L. S. Lyon, executive vice-president and director of educational activities of the Brookings Institute.

Mr. Morgan, former president of Antioch College and an engineer by profession is a former resident of this state, having lived in St. Cloud for five years while pursuing his engineering career. Despite his leadership of the TVA he has found time to write penetrating articles on education.

Other speakers include Dr. John G. Rockwell, state commissioner of education; Dr. Edgar W. Knight, University of North Carolina; Dr. L. J. Brueckner, University of Minnesota; Dr. W. E. Givens, executive secretary, National Education Association, Washington D. C.; Professor Paul Stetson, superintendent of schools, Indianapolis, Ind., and Professor Ira C. Davis, University of Wisconsin.

Among the state groups that will hold meetings are Minnesota Society for the Study of Education; Minnesota Association of Secondary School Principals; Minnesota Council of School Executives; Minnesota Council for Adult Education and others.

Fellowship

A travel fellowship from the Rockefeller foundation for Medical Research has been granted Miss Eula B. Butzerin, director of public health nursing at the University.

Miss Butzerin will spend the month of March observing courses and field work in public health units of other universities, colleges and health departments in the East.

Her first stop will be at the Univer-

sity of Toronto. She will visit the University of Syracuse in New York, the Albany state department of health, Simmons college in Boston, the Visiting Nurses association at New Haven, Conn., and the New York City public health nursing division.

In Washington, D. C., she will study organization and methods of the federal children's bureau.

President

Betty Gay Nordland, junior in the College of Education, is the new president of YWCA. Elected this week, she defeated Kathleen Watson, junior in University college.

Miss Nordland has been a member of the YWCA cabinet, co-chairman of Fortnightly dances, a member of Masquers and was on the last three Freshman week and Homecoming committees. She belongs to Chi Omega sorority.

Mary Jane Lohmann was elected vice president, Jean M. Smith, secretary and Margaret Glockler, treasurer.

Foresters

Scott Pauley, sophomore in forestry, was named president of the Forestry club for next year, at the organization's annual banquet in the Union ballroom last week.

Raymond Wood and Charles Hutchinson, juniors, were elected vice president and secretary, respectively, and Carl Dion, senior, was named treasurer.

WSGA Election

Mabeth Skogmo, Arts college junior, defeated Eleanor G. Jones, junior in the School of Business Administration, for president of WSGA this week in a vote slightly lighter than that cast in major elections during recent years.

Vice president for the coming year will be Betty Field, junior in the School of Business Administration, who ran against Mary Jane Nordland, Arts junior.

Other officers elected to the main campus WSGA board include Elizabeth Bell, secretary; Ruth Christof-



SHERMAN FINGER

Sherman Finger, track coach at the University since 1924, died in the University Hospital Sunday, following a period of ill health which has extended over the past two years. He had been on leave from active duty in the athletic department, and George Otterness '29, assistant coach, has been in charge of the training of the track athletes.

He attended high school in Davenport, Iowa, and entered the University of Chicago where he starred in football, baseball and track. He is credited with having caught the first forward pass thrown in the western conference. Following his graduation from Chicago in 1907 he became coach and director of athletics at Cornell College in Iowa. His coaching record at Cornell was outstanding. At Minnesota he developed several stars in the various track and field events.

fer, treasurer; Betty Peterson, senior representative; Betty Ritchie, junior representative; Enid Dygert, sophomore representative, and Catherine Gavin, inter-professional representative.

Miss Skogmo has worked as junior representative on the WSGA board this year and as a member of the Arts college student advisory board. She was a member of the freshman and sophomore YWCA cabinets, president of Pinafore, sophomore class organization, and co-chairman of the Homecoming committee. She belongs to Gamma Phi Beta sorority.

The Reviewing Stand

W. S. G.

Champions

MINNESOTANS are becoming accustomed to the performances of champions in football, baseball, hockey, sharpshooting, basketball, wrestling and gymnastics. This month they will have the opportunity to watch Olympic and national intercollegiate swimming champions in action for the National Intercollegiate championships will be held in the varsity pool in the athletic building on March 26 and 27. Minnesota fans of course are not entirely unacquainted with record-breaking performances in that sport for the list of Gophers who have held national swimming titles is nearly as long as the list of Minnesota all-Americans of the gridiron.

Olympic Stars

On hand for the meet which will be run off under the general supervision of Coach Niels Thorpe will be several of the stars of the 1936 Olympic games and other college performers who have broken world records. On the Michigan squad which will be defending the national team championship is Jack Kalsey, who sets a new record at 200-yards nearly every time he takes to the water. He won that event in the Olympics and set a new record. Robert J. H. Kip-huth, coach of the United States Olympic team, will bring to the meet his Yale University squad which has not been defeated in more than 150 dual engagements.

Capacity Crowds

Brilliant swimming stars from every section of the country have been entered in the national event and it is expected that many national and world records will tumble. The meet will open at ten o'clock on Friday morning, March 26. Preliminaries in swimming and diving will be held during the afternoons with the finals scheduled for the evening programs on both Friday and Saturday.

The athletic ticket office now faces the task of supplying tickets to meet the demand, for only 12 seats are available. Alumni who plan to attend any of the afternoon or evening ses-

sions during the championships are advised to make their reservations without delay.

Minnesota swimmers who are given the best chance of scoring points are Leonard Klun, sophomore diver, Lyman Brandt in the backstroke and Rex Hudson in the free-style dashes.

Journalism Alumni

Wilbur E. Elston '34, editor of the St. Peter, Minn., *Herald*, was elected president and Lois Hopkins '31, from the Faribault, Minn., *Daily News*, secretary of the journalism alumni at the third annual jamboree of the group held Saturday evening, March 6, at Hotel Radisson.

The retiring officers are G. Bjorn Bjornson '33, Minneota, Minn., *Mascot* editor, and Virginia Harris '33, in the WPA office of Minneapolis.

Alumni dinner guests numbering about 35 listened to the speaker, Nat Finney '27, city editor of the Minneapolis *Star*, who discussed new trends in newspaper writing and makeup. It was his belief that the newspaper of the future will more nearly resemble the magazine in content than it does today, will make greater use of pictures and will include more interpretative news stories. *Life*, *Look* and *Time*, he said, were examples of the type of publications people wanted. A questioning period followed his speech.

Those attending the jamboree included: Dr. Ralph D. Casey, chairman of the department, Professors Ralph O. Nafziger, Mitchell V.

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MARTIN ROLEK
Named All-Big Ten guard by
conference coaches

Charnley and Thomas F. Barnhart; Fred L. Kildow, instructor in journalism; Elmo Wilson '28, instructor in General College and co-author of "In 1936"; Bjorn Bjornson '33, retiring president; Mr. '37Gr and Mrs. Theodore A. Geissman (Lorraine Skinner '35); Laurel Sand '34, salesman with the Western Newspaper Union; Carl P. Anderson '32, Worthington, Minn., *Globe*; Earl Anderson '32, Minneapolis *Star* and James P. Emerson '34, on the same paper.

Also Margaret Birch '32, Fairbault *Daily News* and Lois Hopkins '31, on the same paper, retiring secretary; Ralph Mueller '35, Minneapolis *Star*; Viola Ventura '35, feature writer on the St. Paul *Daily News*; Elinor Mauer '35, with an insurance concern, Sheldon Peterson '34, Granite Falls, Minn., *Tribune*; Wilbur Elston '34; and Lora Lee Chase '36, on the society department of the Minneapolis *Journal*.

Jean Smith '36, Plainview, Minn., *News*; Milton Kihlstrum '35, Minneapolis *Miller*; Mr. '33Ex and Mrs. Russ Waller, Algona, Ia.; Donald Fehlhaber '36, New Ulm, Minn., Mr. '36 and Mrs. Stanley Cann, Northfield, Minn., *News*; Blenda Pearson '29, in charge of WPA women's projects in Minneapolis; Virginia Harris '33, Harvey Goldstein '35, commercial photographer, Mr. and Mrs. Arthur Soll (Harriet Premack '34), and John Newhouse.

Gophers Share Basketball Title

FOR the first time since 1919 a Minnesota basketball team claims championship honors in the Big Ten. With 10 victories and two defeats the Gophers share the title with Illinois. Saturday night at Chicago the men coached by Dave MacMillan sealed their right to a share of the championship by defeating Chicago, 33 to 23, while the Illini were downing Northwestern, 32 to 26.

The Minnesota team has been the surprise package of the 1937 western conference season. Even the most enthusiastic supporters of the Gophers gave them but little chance of finishing in the first division at the beginning of the season. And the athletes looked none too impressive in their pre-conference games. The two brilliant sophomores, Johnny Kundla and Gordon Addington, stepped to the front as sharpshooters, and the work of the two guards, Martin Rolek and Dick Seebach, and the center, Bob Manly, served to give Minnesota the best defensive record in the Big Ten for the season.

Only 328 points were scored against the Gophers in conference competition as compared with a total of 391 scored against Illinois. The Gophers lost two games to Ohio State and Purdue, each game by a one-point margin. And all this in spite of the fact that Minnesota had one of the smallest if not the smallest team in the Big Ten. And the five regulars, Addington and Kundla at the forwards, Rolek and Seebach at the guards, and Manly at center, were called upon to bear the heavy part of the season's play. The reserves saw comparatively little service until the last few games on the schedule.

The only senior among the regulars is Dick Seebach of Red Wing. His former Red Wing team mate, Art Lillyblad, a capable reserve, will also be lost through graduation. This means that Coach MacMillan will have the nucleus for another great team next year.

Former Minnesota basketball teams won conference championships in 1902, 1903, 1904, 1917 and 1919. In 1931 and 1932 the Gophers were near the top and finished in second place. This is the first title

for Coach Dave MacMillan in his 10 years as Minnesota coach.

In the final conference game of the season on Saturday night the Gophers were held to three field goals during the first half by a hard fighting Chicago team. The score at the end of the half was 14 to 13 in favor of the Maroons. Then in the first four minutes of the second period the Minnesotans hit their stride and scored 11 points to make the count 24 to 14. They kept well out in front during the remainder of the engagement.

Because of their great defensive work and also because of their scoring ability the two Minnesota guards, Rolek and Seebach, are leading candidates for the mythical all-conference honors.

Minnesota (33)		b	ft	pf
Addington, f		2	2	1
Kundla, f		4	3	4
Johnson, f		0	1	0
Manly, c		1	6	2
Nash, g		1	0	3
Rolek, g		0	1	1
Seebach, g		1	2	2
Total		9	15	13
Chicago (23)		b	ft	pf
Mullins, f		3	2	4
Cassels, f		1	0	0
Eggermeyer, f		1	0	1
Amundsen, c		1	1	4
Rossin, g		3	2	1
Fitzgerald, g		0	0	2
Peterson, g		0	0	4
Totals		9	5	16

Swimmers Lose

Minnesota swimming team lost its final dual meet of the season to Iowa at the University exhibition pool Saturday night, 51 to 33.

Features of the meet were the 50 and 100 yard free style events with Rex Hudson, Gopher dashman, and Ray Walters, national intercollegiate champion of the Hawkeye team, fighting it out for individual honors. In the 50-yard dash, Hudson took the lead from Walters at the jump and held it through the two lengths to take first in :24.3. In the 100-yard free style, Walters and Hudson swam neck to neck for four laps, but the Hawkeye sprinter edged out Hudson in the last few inches.

300 yard medley relay—Won by Iowa U (Westerfield, Allen, Kershaw). Time 3:03.6.



DICK SEEBACH
Only Senior Regular

220 yard free style—Won by Christians (I); Reed (I), second; Morris (M), third. Time 2:18.6.

50 yard free style—Won by Hudson (M); Walters (I), second; Swietzer (I), third. Time :24.3.

Diving—Won by Klun (M); Nissen (I), second; Marti (M), third.

100 yard free style—Won by Walters (I); Hudson (M), second; Kershaw (I), third. Time :53.7.

150 yard backstroke—Won by Westerfield (I); L. Brandt (M), second; J. Brandt (M), third. Time 1:37.3. (Betters conference record of 1:39.2 made by Danny Zehr, Northwestern, 1936)

200 yard breaststroke—Won by Allen (I); Comstock (M), second; Haskins (I), third. Time 2:34.7.

440 yard free style—Won by Christians (I); Morris (M), second; Phillip (M), third. Time 5:08.1.

400 yard relay—Won by Iowa (Reed, Kershaw, Westerfield, Walters). Time 3:45.3.

The Final Standing

	W	L	Pct	Pts	OP
Minnesota	10	2	.833	418	328
Illinois	10	2	.833	447	391
Michigan	9	3	.750	428	345
Purdue	8	4	.667	511	418
Ohio State	7	5	.584	356	384
Indiana	6	6	.500	439	478
Northwestern	4	8	.333	399	392
Wisconsin	3	9	.250	363	443
Iowa	3	9	.250	375	443
Chicago	0	12	.000	297	414

Baseball Trip

Sixteen or seventeen players will be selected to make the annual southern trip with the baseball squad when it leaves on March 20, Frank McCormick, Gopher coach announced



BOB MANLY

this week. Players will not be selected until the last few days of winter practice.

McCormick has arranged for six games in as many days on the swing through Mississippi and Louisiana. The schedule is as follows: Mississippi State at Starkville, Miss., March 22 and 23; Millsap college at Jackson, Miss., March 24 and 25; Louisiana State at Baton Rouge, March 26 and 27.

Lose to Iowa

In the final game of the season at South Bend Monday night the Minnesota basketball team was defeated by Notre Dame, 44 to 18. The Gophers, tired, and enjoying a letdown after their tough uphill battle to win a share of the conference title, did not display the brand of basketball which carried them to 10 victories in the Big Ten. The Minnesotans were missing their shots from the field and failed to make good on one free throw during the entire game.

Minnesota Women—

Writers

THE modern "lady of the house", writhes a little when she gives the prosaic answer, "Housewife" to the census-taker's question, "Occupation?"

Because women, particularly college women who are leaders in building up an active life, are now participating in so many interests that a description of cook, maid and nursemaid couldn't cover half of the many things they do. While being primarily homemakers they engage in numerous fields. Many are the Minnesota alumnae with a broad range of activities and outlook.

They have written from the first—that was an interesting occupation which could be sandwiched in at home. George Eliot was a forerunner of the many University of Minnesota alumnae who are making names for themselves today from their works written perhaps while waiting for the roast to finish.

There is Mrs. Julius J. Heimark (Esther J. Moe '16), a "housewife" of Fairmont, Minnesota, who tucked away the play she was writing when visitors called.

"Into Tommorrow," her drama produced at St. Olof College in 1932, and written with the encouragement of the late Dr. O. E. Rolvaag, was dashed off between vacuuming and supper, and was secreted in a drawer when unexpected company rang the door-bell.

Interested in stagecraft for a long time, she finished college where she was a member of Masquers before she began writing. She took graduate work in literature at Columbia, and then, after her marriage, started her play.

She has three children, Bruce, Jackie, and Betty Ann.

Jeanette Baier Ward '06, didn't "choose" to be an author . . . the job was thrust upon her. She was a suburban housewife with a son in school when the chance came to do book reviews . . . then a governmental survey on the cost-of-living she had done during the war led to magazine articles which sold . . . editors suggested she write fiction . . . those short stories publishers suggested she

pad into a book . . . and since 1921, writing, she says, has been a steady grind. Came radio, and rather by magic she was chosen to judge and edit First nighter programs . . . now she has the job for NBC in Chicago.

Darragh Aldrich and her husband camped up north, and pretty soon Mrs. Aldrich's stories about north woods life became best sellers.

Monica Krawczyk, who is still attending extension classes, sold "Quilts" this year to the Canadian Home Journal and is writing a novel based on her work in Polish settlements.

Good reading were Mrs. Walter Robb's Scandmavian stories appearing in the Country Home and Country Gentlemen.

Varied Interests

There is the "younger set."

When Marie Didelot Ford '31Ed, sits down on the window ledge by the broad front window, she looks down on the inspiring expanse of the Mississippi river and the curving road past her house. From the younger writers comes "Skimmings," a volume of poems by Alice Fraser McDonald '36, out last year . . . Miriam Thompson Steenwyck's delicate poem, "Brittle Bright," which was the title of her book of 50 lyrics.

Mabeth Hurd Paige '99L, started in the arts. She painted. Then she married Professor James Paige of the law school and raised her family. Now she is a seasoned legislator having served many terms in the Minnesota House of Representatives.

Two "housewives" have succumbed to the lure of print. Anne Lane Savidge '10, supervisor in Central High School, Omaha, who wears a Phi Beta key from Minnesota, has been president of the National Association of Journalism Supervisors. Helen Currie Conrad, untr a d i t i o n a l l y enough, is on the advertising end, and is advertising manager for the North Dakota newspaper association. Which isn't all she could do, for she has taught, been social secretary and business secretary, and has raised four sons.

Edith von Kuster Kenyon finds her days busy with two daughters, a son, and work as research chemist for

Johnson and Johnson. Was formerly assistant in the chemistry laboratories here.

People like Fannie Fligelman Brin '06, quite blast the notion of the "Main Street" sort of club woman. Through her work with the Jewish Council of Women, she has won the distinction of being named one of the outstanding Jewish women last year. Is a noted peace worker. Lola Hammond Boles '07, of Long Island, New York, a leading member of the American Legion auxiliary and on the National Fidac committee, was en voyage to Rome in 1935 as committee delegate and attended the Legion convention in Paris in 1927.

But those alumnae who aren't writing, who aren't practicing medicine as is Mary MacMillan Royned, of the staff of the Spokane Deacoess hospital? They are participating in women's federations, music, church circles, golf . . . they are traveling, gardening, doing handicraft . . . handling activities ad infinitum . . . in fact there is no limit to their spheres of interest . . . and, withal, they can, pickle, and turn out cooking dishes as efficiently as ever, but so much more scientifically!

Hobbies.

Hobby corner . . . Alexandra Graif '28Ed, American history "prof" at South high school, Minneapolis, has been evading trees and shrubs this season on her whizzing skis. This is one of her more lately cultivated sports.

But when the sun mounts higher and keeps shining on and on after five o'clock or so, she will probably take up again her first love, and turn to golf. She was swinging the clubs at the age of twelve but has let her game lapse, and now evaluates her ability: "I can't do a tinker's darn." But this spring she intends to secure tutelage.

Last summer while giving swimming lessons at Camp Lake Hubert she had the opportunity to take horseback lessons from Mrs. Leslie Carter, the only woman Dressage rider in the United States. Dressage riding apparently is done with the knees and thighs mostly, and requires great strength.

Her students dub her, "The Outdoor Girl."

Not a bad sort to be with these spring days coming.

Jane Hodgson chairmanned arrangements for the Founders' Day

UNIT MEETING

Minnesota alumni in Albert Lea will meet with the Kiwanis Club on March 15 to hear talks by Alumni Secretary E. B. Pierce, Coach Bernie Bierman and Dr. Harold Benjamin, director of the Center for Continuation Study. Football pictures will be shown by Coach Phil Brain. Dr. Brand O. Leopard is president of the alumni unit in Albert Lea.

On March 18, Coaches Bierman and Mr. Pierce will be on the program when the alumni and the Lions Club of Little Falls entertain in honor of the football and basketball athletes in the high school of that city. It will be a dinner meeting at six o'clock. Paul Gillespie is president of the alumni unit in Little Falls.

dinner of Alpha Epsilon Iota, professional medical sorority.

Onward and upward . . . Helen Ebbighausen '36, has moved from the morgue of the Washington, D. C., Post to the reporting staff of the city desk and society department . . . handles make-up shears on the society desk.

A short-short one-pager, "Maureen Goes Vacationing" by Darragh Aldrich appeared in the Sunday "tab" section of the Minneapolis Journal, those who read week before last's will discover.

Mary Jane Ring '33Ex, who has gone south to bask in Florida sunshine, is having a chance to don newest springtime clothes before most of us . . . she recently modeled summer beach affairs in the west coast style show.

Alpha Chi Omega alumnae gathered for a chat and meeting March 3 at the chapter house. Mrs. James Perry had hostess responsibilities.

Stella Wood . . . guest speaker at the monthly dinner meeting of the Junior Catholic league in Minneapolis . . . Alice Schwartz '32, entertained by her sister Marian '34Ed, in compliment to her before her marriage March 11 . . . Hera, patron goddess of Alpha Chi Omega, was honored at the local chapter by a party for about 20 orphan boys . . . fish pounds and movies gave the party the guarantee of success .

Brief Notes About Minnesota Alumni

12,000 Minnesotans read this department each week for news of friends of College days.

—1880—

Mrs. George H. Remele (Lillian Todd '80), died Saturday, February 20 at her home at 367 Addison Avenue, Palo Alto, Calif., after an illness of more than a year.

Mrs. Remele was born in Minneapolis in 1859, daughter of William T. and Harriet F. Todd. She received a B. S. Degree from the University in 1880 and engaged in library work. Later she went east and was married to Mr. Remele August 6, 1884, in Bangor, Maine. They made their home in West Medford, a suburb of Boston, where Mr. Remele became well known as a baritone singer and a teacher of voice.

In 1921 Mr. and Mrs. Remele came to Palo Alto to join their daughter, Miriam F. Remele, who is editorial secretary in the office of the registrar at Stanford University.

Their other children are Mrs. Lovell A. Willis of East Providence, R. I.; Charles W. Remele, manager of the credit bureau of Santa Barbara; and Carol Remele of Palo Alto.

During her fifteen years residence in Palo Alto, Mrs. Remele was a leading member of the First Congregational church there. Funeral services were held in Palo Alto, Dr. Wilard B. Thorp officiating.

—1897—

George E. Leach '97Ex, former Adjutant General of the Minnesota National Guard, was a speaker at a banquet sponsored by the University

CHANGE OF ADDRESS

Your courtesy in sending your change of address promptly to this office will be greatly appreciated, and you will not miss any numbers of the Alumni Weekly. Enclose a news note about yourself or alumni friend.

R.O.T.C. students and held in connection with national defense week last week. He discussed peace and national defense.

—1898—

Mr. '98 and Mrs. Henry Sommers of St. Paul have left for Mexico City, and will circle around to New Orleans en route home.

—1900—

Dr. H. B. Carey '00, dean of the college of pharmacy of the University of California's Medical Center, San Francisco, died February 4.

Dr. Carey, 60 years of age, died following an illness of 10 days. His death was caused by complications following a major operation arising out of intestinal flu.

For over 30 years Dr. Carey was a member of the faculty of the college of pharmacy in the San Francisco Medical center, in the capacity of professor of materia medica, botany, and pharmacognosy. He was made dean of the college in 1931 before its acquisition by the University of California and maintained that position until his death.

Dr. Carey came to San Francisco in 1906 after teaching four years at the Northwestern School of Medicine from which he graduated in 1905. He was born in Mapleton, Minnesota on April 13, 1876. He was a member of Sigma Xi.

Mr. '00Ex and Mrs. Paul A. Brooks, who are at Miami Beach, were hosts to their daughter, Mrs. John M. Hollern, recently.

—1902—

Dr. E. A. Meyerding '02Md, of St. Paul, secretary of the group of 34 county and district medical societies, presided at the morning sessions of a one-day convention of the organization February 27 in St. Paul.

—1905—

Mr. '05Ex and Mrs. Dwight K. Yerxa, of Minneapolis, and their daughter, Louise, are sailing March 10 from New Orleans for a cruise of about a month to Guatemala.

—1906—

Henry Moen '06Ex, was elected president of the Minneapolis Retail Druggists association at its recent annual business meeting.

—1908—

Mr. '08Ex and Mrs. Arthur E. Larkin are returning from Los Angeles where they have enjoyed a winter vacation.

—1914—

Mr. '09 and Mrs. Harold G. Cant

a winter of vacationing in the south have returned to Minneapolis from west.

Mr. '14Ex and Mrs. James B. Wilkinson of Minneapolis and their son, James B., Jr., plan to leave late this month for a trip to Mexico City. Mr. and Mrs. Wilkinson spent some time in Mexico last year.

—1915—

Dr. '15Md and Mrs. Arnold L. Hamel of Minneapolis returned to their home at the opening of the month of the lion and the lamb from a three weeks trip to Florida. After leaving Miami they visited Dr. and Mrs. I. A. Hamel in Pittsburgh.

—1918—

Dr. Donald McCarthy '18Md, was named president of the board of Franklin hospital, Minneapolis, at the annual meeting of the hospital's advisory board in February.

Dr. '18Md and Mrs. Carl G. Swendseen and their sons, Thom and Jerry, Minneapolitans, have joined other vacationers at Palm Beach, Fla. They will be away six weeks to visit also in Miami and may take a cruise to Havana before returning.

Mr. '18Ex and Mrs. Sam W. Robertson, Minneapolitans, have left for an extended stay in Florida. They plan to visit in Palm Beach and Miami and possibly will spend part of the time in Fort Lauderdale.

—1920—

Mr. '20 and Mrs. Fred A. Ossana, 9436—Alumni—Twelve who were in Miami Beach, Fla., have returned to Minneapolis. Mr. Ossana has been recuperating from a recent illness.

—1922—

Mrs. Paul Nerhus (Mildred V.

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Muhly '22Ag), of Fargo, N. D., is entertaining as guest her mother, Mrs. William Muhly of Minneapolis.

Daniel Bloomfield '24Ed, former instructor at Sheridan, Franklin, and Lincoln Junior high schools in Minneapolis is now teaching English and American history at South high school. Interested in sports, particularly volley ball, he has been in charge of athletics at Minnehaha Academy.

—1927—

Mr. '27E and Mrs. Howard O. Whiteley of Galion, Ohio, are proud parents of a little daughter, eBatrice Grace, born February 3.

Dr. A. J. Kelly '2Md, of St. Paul, got the post of president in the Twin Cities Archery club at its recent election. The club will be represented at the annual northwest sportsmen's show this month.

—1928—

Dr. Richard M. Johnson '28Md, instructor in the Medical School, has had such outstanding success in his research of the use of the hypertherm treatment or artificial development of fever, in gonorrhoeal arthritis cases, as to nearly be able to pronounce this hitherto incurable disease curable. Fever therapy, as this method is called, has been with almost no exception successful in his research.

Between 200 and 210 fever treatments were given by Dr. Johnson and his assistants in the last year, although there were so many gonorrhoeal arthritis cases in Minneapolis that they were forced to turn down five cases to every one they accepted. The hypertherm device the Medical School is the latest developed in artificial production of fever and is the most successful. The University Medical school is one of 20 institutions in the world using the hypertherm. With it Minnesota doctors have treated asthma, St. Vitus dance, late syphilitic infection, undulant fever infections and multiple sclerosis, but the most successful results have been obtained with gonorrhoeal arthritis.

Sylvia Gottwerth '28, is serving as assistant editor of Dental Survey and associate editor of Mouth Health Quarterly, Minneapolis publications.

The book by Dr. Eurich and Elmo C. Wilson '28, '36Gr, "In 1936" is now in its second edition, and sales figures total 3,000 copies. The book is published by Henry Holt.

Mr. '28 and Mrs. Mike Fadell are

parents of another daughter, Kathleen Evon. The two older girls are named Patricia Mae and Mary Lou.

The marriage of Lawrence A. Clousing '28E, and Lois Moulton took place at the Methodist Episcopal church in Evanston on February 12, with a large reception in the parish house following the ceremony.

Mr. and Mrs. Clousing then left for Pensacola, Fla., where they will make their home. Mr. Clousing, a graduate of the University from the departments of both electrical and aeronautical engineering and from the graduate school, has just been made an instructor in aeronautical engineering at Pensacola. Mrs. Clousing attended Northwestern University.

Mr. and Mrs. Louis Clousing and their daughters and sons-in-law, Mr. and Mrs. Harold D. Smith and Mr. and Mrs. Merrill K. Cragun (Louise Clousing '31), of Minneapolis, attended the wedding.

—1929—

R. F. Jennings '29Ed, '32Gr, chairman of the faculty safety committee at South high school, Minneapolis, has had an article published in the "Industrial Arts and Vocational Education" magazine. The article deals with the plan of putting traffic safety into practice at South high school started a year and one-half ago.

The campaign operates in cycles, he said, and was put into action by four steps. A publicity stunt was the first idea used. Second, the high school was convinced that this program could be effective. Third, instruction and projects for student interest were continuous. Fourth, a short course for seniors.

Dr. H. E. Hilleboe '29Md, director of the state division of tuberculosis and services for crippled children, said that aid to crippled children in Minnesota has been greatly augmented as a result of allotment of federal funds for their care made under the social security act. He was speaking on "Crippled Children Under the Social Security Act" before the Minnesota District of the American Association of Medical Social Workers.

"Provision for adequate medical care for crippled children has become statewide in scope and has been extended to rural areas particularly," he declared.

—1930—

Mr. and Mrs. C. Edgar Nelson

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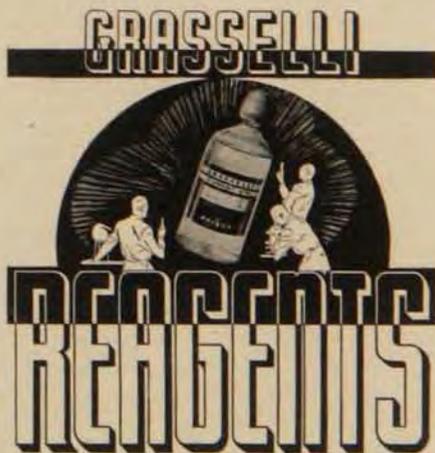
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(Mildred Berglund '30), who have made their home at the Curtis hotel since their marriage last fall . . . living now in an apartment at 1456 Lagoon Avenue.

—1931—

Marion Cooper '31Ed, '31N, has taken leave of her job of county nurse in Jackson county, Minnesota, to go down to Ohio and help in flood relief and reconstruction work. She will help in the flood area one month.

Mr. '31 and Mrs. Ralph G. Golseth of 4936 Washburn Avenue south, Minneapolis, have chosen the name Anne Elizabeth for their daughter born on February 10. Mr. and Mrs. Golseth have a son, Robert, three years old.

Eleanor Metcalf '31Ex, is out in California where she will first visit her sister, Joyce, in Glendale, then spend some time with Mr. and Mrs. C. A. Haskins, her aunt and uncle in LaCrescenta, before going to Los Angeles. Miss Metcalf lives in Minneapolis.

—1932—

George Mornick '34Ed, is a new member of the faculty at South high school, Minneapolis. An instructor in mathematics, he formerly taught at Folwell and Bryant Junior high schools, Minneapolis.

Mr. '32P and Mrs. Gordon Walter Wittich (Ruth Jondall), back from their wedding trip in the east, have taken an apartment at 2400 Harriet Avenue south, Minneapolis. They were married on Valentine's day, February 14, in Park Avenue Congregational church.

—1933—

Mr. '33Ed and Mrs. Walter S. Larson of Minneapolis, who had expected an addition of twins to their family of themselves and their daughter, Jane, 18 months, considered the birth of triplets on Saturday afternoon, February 27, "quite a surprise". The choice of their names is not "entirely definite". All three were girls. Mr. Larson is an instructor in English at Summer school, Minneapolis. They live at 411 East Thirty-first street.

Marjorie Myers '33, now in charge of medical social work at Gillette state hospital for crippled children in St. Paul and Donald M. Douglas '35E, of Faribault, Minn., are engaged, Professor and Mrs. Walter R. Myers, parents of Miss Myers, announced.

Miss Myers, after completing her

New York Club Plans Dinner

THE Minnesota Alumni Club of New York City will hold a dinner meeting on the evening of Wednesday, April 21. The place has not yet been announced but the complete details of the plans for the gathering will appear in notices which will be sent to all Minnesotans in the New York area. It is expected that as many as 400 alumni may attend the dinner. Alumni Secretary E. B. Pierce will be present to bring to the guests the news of recent happenings on the campus. Thomas W. Phelps '23, editor of *Barron's*, the national financial weekly, is president of the Minnesota Alumni Club of New York and Sigurd Hagen '15, is secretary.

Also serving on the Board of Governors of the club with these officers are George H. H. Lamb '22, vice president; Samuel S. Paquin '94, treasurer; Ruth Lampland '23, correspondent, Minnesota Alumni Weekly, and Arthur B. Poole '17, Douglas W. Hughes '22, Harvey Hoshour '14, L. Arnold Frye '07, Dr. Harold J. Leonard '12, Carl W. Painter '15, John Ray '08, and Levon West '23.

On March 9 the members of the New York club enjoyed an evening of music and dancing in the ballroom of the Hotel Martinique. The musical features on the program of entertainment were furnished by professional musicians who are members of the club including the well known NBC quartet, the Four Norsemen. Levon West, just back from a three month trip through South America with his camera, showed a group of beautiful colored slides.

graduate work at the University spent two years as a medical social worker in the Presbyterian hospital in New York before assuming her position in Gillette hospital. She is a member of Alpha Phi sorority. Mr. Douglas is connected with the federal soil conservation service.

Mary Jane Ring '33Ex, of Minneapolis, is spending the winter season with her uncle and aunt, Mr. and Mrs. C. R. Wunderlich, at the Royal Palm hotel in St. Petersburg, Fla.

Taking place this month . . . Elizabeth Lynch '33 and John McLean Burnquist plan their wedding for March. Miss Lynch is a member of Kappa Kappa Gamma sorority. Mrs. Burnquist, a graduate of Carleton College, lives in North Tonawanda, N. Y.

Clyde Smith '33Ex, returning from a trip to New Orleans, joined his wife, the former Virginia Tenner '32Ex, in Chicago where she was weekending, and returned to their home in Minneapolis.

—1934—

Adelaide Rowley '34, of Minneapolis left last weekend for New York to spend a month there as guest of her cousin, Ruth Rough '34.

Richard R. Emery '34, was ordained a deacon by Rt. Rev. F. A. McElwain, Episcopal bishop of Minnesota, Sunday morning, February

23, at St. James church, St. Paul, where he is a member.

He was presented by his rector, Rev. George C. Weiser, and the ordination sermon was preached by Rev. Earle B. Jewell, rector of Christ Episcopal church, Red Wing.

Minneapolis clergymen participating in the service included Rev. Russell K. Johnson and Rev. E. Croft Gear.

Mr. Emery, now a student at Seabury-Western Theological seminary, Evanston, Ill., was formerly president of the Episcopal Young People's Fellowship in the diocese of Minnesota. He will be graduated in June after which he will be ordained to the priesthood.

In early spring . . . the wedding of Beret Hagen '34Ex, and Leonard E. Fink '32Ex, of Duluth. Miss Hagen is a member of Gamma Phi Beta sorority and Mr. Fink of Zeta Psi fraternity.

Phyllis Misbach '34Ed . . . home for a long weekend from teaching in Springfield, Minn. Her home is in Fairmont, Minn.

—1935—

Mr. '35E and Mrs. William O. Johnson (Madelyn Watson), and their little daughter, Patricia Helen, born October 14, are living at 111 West Water street, Biloxi, Mississippi. They would like to hear from

Minnesota alumni in that vicinity. Mr. Johnson is representative for Fairbanks-Morse in the Gulf Coast territory, and is especially interested in the sales of marine Diesel engines.

Mrs. Johnson is a graduate of Miss Wood's kindergarten school, Minneapolis.

C. Gale Patterson '35E, has been transferred from the chemical control division of the E. I. duPont de Nemours company to the sales correspondence division at Arlington, N. J. Visiting his family at 2735 Dean Boulevard, Minneapolis, during the past holiday season, he held a Sigma Nu party at his home then.

Anne Gilbertson '35B, will be married to Dr. Thomas Jackson Kenyon '35Md, this spring. Both are from Minneapolis.

Dorothy Hjortsberg '35, is a member of the staff of the weekly paper at Onamia, Minn.

William Hoffman '35 . . . with the Federal housing project in Buffalo, N. Y.

Arnold Sevareid '35, erstwhile Daily columnist and Literary Review contributor, now reporter and special writer on the Minneapolis Journal, was guest columnist recently for the Minnesota Daily writer, Don Cowell.

Donna R. McCabe '35Ex, and Robert E. Moore of Winnipeg were married at noon on March 2 at the home of Mr. and Mrs. George H. McCabe. Rev. Rudolph Berlis, assistant pastor of Westminster Presbyterian church, Minneapolis, officiated at the service.

Catherine Vince '35Ed, who completed her course in medical records library science at St. Mary's hospital, Duluth, last May, has since been engaged in this work at the Duluth clinic, Duluth.

Harvey Goldstein '35, commercial photographer with offices in the Minneapolis Tribune annex, and Stanley Carlson '38Ex, ex-assistant editor of the Gopher watch sales mount nicely on their pamphlet, "Photo-Kinks". Goldstein has had to enlarge the floor space of his photo agency to 2,000 square feet.

Walter Beadell '35, ex-Daily man, is in the advertising department of WISN, Milwaukee.

Jean Short '35 and Edward Arnold Murray, married March 2 in the chancel of St. Clements Memorial Episcopal church of St. Paul, have left for a motor trip east. They

will visit in Chicago and in Cleveland.

Miss Short was attended by Martha Louise Korfhage. D. R. Waterman was best man for Mr. Murray. A wedding breakfast was served after the ceremony.

Upon their return from their motor trip they will make their home at 1290 Grand Avenue, St. Paul.

The wedding of Lois Swanstrom '35Ag, and Jack Bonton Hirschmann of Boston will take place Thursday, March 31, in the Delta Zeta sorority house. Corinne Swanstrom, sister of the bride, will be maid of honor and only attendant.

Helen Christensen '36Ag, home economics teacher at Slayton, Minn., and Norman Goodwin '36Ag, assistant agricultural agent in Wilkin county, Minn., vie for two scholarships of \$1,000 each providing for

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-The Editor.

nine months resident study at the United States department of agriculture in Washington. They have been named the Minnesota candidates for the 1937 Payne scholarship.

Arvo Haapa '36, after six months as reporter and copyreader on the Columbus, Ohio, Citizen, has accepted a position with Editorial Research, national organization which gathers data for newspaper clients, and began work in January. Although the original plan was for him to take charge of the Chicago office, it is now expected that he will go to Washington headquarters.

Edward Svendsen '40, freshman at the University, was appointed a midshipman at the United States Naval academy subject to the usual entrance requirements, for the course beginning July 1, 1937. The appointment was made by Representa-

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Fold back top section. Fold back bottom section. Insert tab A in slit B. Mail without postage.

Henry Teigan of Minneapolis. Svendsen is a brother of George Svendsen, tackle and center on the football teams, who graduated in 1934 and now plays professional football, and of Earl (Bud) Svendsen.

Elizabeth Cone '36, of Huron, S. D., was a visitor recently in Minneapolis. She attended the Alpha Delta Pi winter formal.

Mary Margaret Harper '38Ex, was married recently to Alexander Cruickshank Rae. Mrs. Rae is a graduate of the University of Saskatchewan, Saskatoon, Canada. Mr. and Mrs. Rae will make their home in Winnipeg, Canada.

Dr. '36D and Mrs. Garnet S. Aspnes, who were married Saturday, February 27 at the bride's home in Minneapolis, have taken a short trip to Chicago. They will be at home in Minneapolis.

Attendants at the wedding were a sister of the bridegroom, Mrs. Camilla Naseth, and Dr. Everett Jones. A reception for the families and a few intimate friends followed the marriage.

Alice Barton '36Ex, Alpha Gamma Delta, is vacationing in Cuba, and will visit in Miami and Philadelphia, but will return to the campus to return to her books after Easter.

The marriage of Marjorie Jenkins '38Ex to J. E. Brasfield of St. Louis, Mo., will take place in the early spring.

Mary Louise Dougherty '38Ex, Gamma Phi Beta, is interrupting her school career to spend the winter in Honolulu.

Allene Vartia '37Ed, Alpha Delta Pi, has left the University to complete her studies at George University where her fiancee Eugene McGruder attended and graduated. He is a member of Sigma Nu fraternity.

Marion J. Ganley '37Ex, Alpha Phi, now attending Northwestern University, was guest of her home chapter in Minneapolis for several days recently.

Mr. and Mrs. Morden J. McCabe (Laura Van Nest '36Ex), of Winnipeg, who stopped a few days in Minneapolis for the marriage of Mr. McCabe's sister, Donna R. McCabe '35Ex, to Robert E. Moore of Winnipeg, have gone southward and will travel in Florida.

Dr. L. D. Schmidt '36Gr, has been with the Bureau of Mines, 4800

Forbes street, Pittsburgh, since July 18.

Jack D. Rode '36E, colonel of the cadet corps his Junior year at the University, is in the Paints and Finishes division of the duPont de Nemours company at Philadelphia.

Garth C. Harding '36B, utilizes his knowledge of accounts receivable at the home office of the duPont de Nemours company in Wilmington, Del.

Frank J. Zgone '36Ed, is science and music teacher at Annandale, Minn.

Dr. '36Gr and Mrs. Ralph Peck now reside in Philadelphia where Dr. Peck is a member of the faculty of the faculty of the chemical engineering department of Drexel Institute.

Robert Baker '36, who has held a position in the treasury department in St. Paul for a number of years, is now assistant to the state treasurer. He was former Pnyx chairman. He is also taking night law courses.

Dr. '37Gr and Mrs. Kenneth C. Johnson now make their home at Woodstown, N. J. Dr. Johnson is on the staff of the Jackson Laboratories of the duPont de Nemours company of Wilmington, Del.

Maxine Elsenpeter '36Ed, has recently accepted a position as instructor of nurses at St. Vincent's hospital, Sioux City, Iowa.

Frederick G. Bohmbach '36E and Margaret Louise Mavis were married February 6 at the home of the bride's mother. The bride was attended by her sister, Lillian Mavis. Carl Thomer was best man. After February 14 Mr. and Mrs. Bohmbach will live at 70 Seymour Avenue, Minneapolis.

Mr. '36E and Mrs. John S. Coppage are living at LeSueur, Minn., where Mr. Coppage is associate chemist with the Minnesota Valley Canning company.

Frances Gilman '36, of Minneapolis, is out on the west coast visiting her uncle and cousin, Mr. E. D. Anderson and Miss DeNeen Anderson. She will return by coming north up the coast, stopping in Washington to visit more relatives.

M. W. Olson '36E, has accepted the position of student engineer at the General Electric company at Schenectady, N. Y. He reported for duty February 8.

HOW SMART IS A COLLEGE GRADUATE?

(Answers to the quiz on Page 11, of front advertising section)

1. Napoleon Bonaparte.
2. As a liability.
3. Antonio Stradivari (1644-1737).
4. Wyoming, in 1869.
5. Checkers.
6. 1,748,000,000.
7. Benvenuto Cellini.
8. A London insurance underwriters' association.
9. The Barber of Seville.
10. That of Thomas Jefferson.
11. In Athens, in 1896.
12. Lhasa.
13. Six.
14. The Gemini (the twins).
15. \$7,200,000. Purchased from Russia in 1869.

Please write your quiz score in space provided in coupon on facing page, and mail today.

16. Theodore Roosevelt, who was 42 when inaugurated.
17. Henry Ford, on the witness stand in a lawsuit with the Chicago Tribune, in 1919.
18. William Harvey (1578-1657).
19. A unit of speed equal to one nautical mile (6080 feet) per hour.
20. Detroit.
21. John Masefield.
22. The soldiers of Achilles in the Trojan War.
23. Off the coast of South America, 730 miles west of Ecuador.
24. Silver. (Copper is used commercially because it is comparatively cheap.)
25. Yes — South Carolina.

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Every detail of existence is worked out to perfection . . . for the French add that ultimate touch, that final flourish which transforms excellence into distinction. And at no extra cost.

On French Line ships, you find a menu so varied that it could be matched only in five or six of the greatest restaurants of the world. An epicure . . . and who of us is not a student of that enchanting science, gastronomy? . . . may well devote the four to six days of a French Line crossing to advanced research. And with each meal we offer

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Your Travel Agent will be glad to arrange reservations on any of our five crack liners (averaging less than eight years in service) running weekly from New York to England and France. His services cost you nothing. It is advisable to make early reservations this year.

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DODGE—New "Windstream Styling." Stronger, safer, all-steel body securely mounted on cushions of live rubber. Bigger, roomier, and more comfortable—ample room for six passengers. And economical—owners report Dodge gives 18 to 24 miles per gallon of gas. Switch to Dodge and Save Money.

LA SALLE V-8: Now only \$995 and up—the lowest priced, yet the finest La Salle of all time. Completely Cadillac built. Smooth, powerful 125 horsepower performance. Hydraulic brakes. Unisteel "Turret Top" Fisher Bodies. Knee-Action Ride.

OLDSMOBILE—Newest cars of them all—a distinctive Six and a distinguished Eight—each with a style distinctly its own. Bigger and finer and safer than ever—at prices that set the pace in value.

PACKARD WITH FOUR GREAT CARS—the Six, 120, Super-Eight and Twelve—now covers four price fields with four complete lines, with each model in every line a truly fine car of luxurious comfort, brilliant performance and smart appearance. "Ask The Man Who Owns One."

PONTIAC—For 1937 America's finest low-priced car has five inches more wheelbase and is 10% more economical. Features include Unisteel Bodies by Fisher, triple-sealed hydraulic brakes, knee-action, 50% more trunk-space. Priced near the lowest.

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SOUTHERN PACIFIC—Four Scenic Routes to the West through four widely different scenic regions. Go on one, return on another—see twice as much for little or no extra rail fare. Between Los Angeles and San Francisco ride the streamlined *Daylight*, newest and most beautiful train in the West. Check coupon facing Page V. for booklet.



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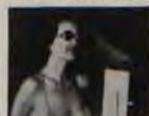
Don't have that pale, indoor, "pasty" look—when you can have the natural ruddy glow of vigorous health. The same kind of Tan you get on a Florida beach! Your personal appearance is either a distinct social and business asset—or a handicap.

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LOOK HEALTHY ■ Ultra-violet rays actually help... **BE HEALTHY** to increase youthful vigor and vitality, tending to stimulate glandular functions; are remarkably efficacious in some forms of skin diseases and in destroying germ life. Many cases of pimples yield quickly to their purifying action.

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■ We want you to experience the remarkable benefits the perfected **HEALTH RAY SUN LAMP** brings. Use it **FREE** for 7 days in your own home. Then if you decide to keep it, it is yours for \$7.50.



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Northrop Memorial Auditorium

The Minnesota Alumni Weekly

Vol. 36

APRIL 3, 1937

No. 25

OFFICIAL PUBLICATION OF THE UNIVERSITY OF MINNESOTA ALUMNI ASSOCIATION

Just Good Business

The volume of advertising in the Minnesota Alumni Weekly showed a definite increase during the business year 1935-36. Advertisers evidently felt that it was good business to carry their messages directly to more than 9,000 college graduates and former students through this personal news-magazine.

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The Minnesota Alumni Weekly

118 Administration Building

University of Minnesota

The Minnesota Alumni Weekly

The Official Publication of Minnesota Alumni

VOLUME 36

MINNEAPOLIS, MINNESOTA, APRIL 3, 1937

NUMBER 25

University Sponsors Peace Conference

WHAT position must the United States take in the event of another general European war? What economic policies on the part of this nation and others will do the most to further the cause of international peace? How is continued peace between nations endangered by the conflicting theories of government which are being promoted in the world today?

These and many other questions concerning the problems of international peace will be discussed during the three-day World Peace Conference which will be held at the University of Minnesota, April 7, 8 and 9. Nationally known scholars and men of affairs will be brought to the campus to meet with students and faculty members in the discussion of the issues which threaten the peace of the world. The conference will be directed by Professor Harold S. Quigley of the department of political science who is chairman of the student-faculty committee which has completed the arrangements for the program.

Alumni and others are cordially invited to attend the sessions which will be held in Northrop Memorial auditorium and in the Center for Continuation Study.

The meeting is an outgrowth of the suggestion of President L. D. Coffman of the University in his biennial report to the Board of Regents in January. At that time Dr. Coffman suggested to the Regents that open discussion of major social problems by outstanding authorities and joint student-faculty groups as a means of giving young people a broader knowledge of world affairs was highly desirable.

"Institutions of higher learning," said Dr. Coffman at that time, referring particularly to the problem of peace, "should be concerned in

searching out and laying bare the causes of war. We should bring to our campus the best informed men and women in the world to discuss with us those phases of the problems which they are uniquely competent to discuss."

With this thought in mind the student-faculty committee, headed by Professor Quigley, has arranged the three-day program designed to contribute materially to a better understanding of international problems and human interests.

Visiting Speakers

Prominent among the visiting speakers will be William T. Stone of New York, vice president of the Foreign Policy Association; Dr. Benjamin B. Wallace, chief of the Division of International Relations of the U. S. Tariff Commission; Professor William Y. Elliott of Harvard University; Professor Pitman B. Potter, Geneva, Graduate Institute of International Studies, and Edgar W.

Turlington, Washington, D. C., international lawyer and author. Other distinguished guest speakers will be Professor Peter Odegard of Ohio State University and Professor Harley F. McNair of the University of Chicago.

University faculty members who will take an outstanding part in the speaking and discussion program are Professor Harold C. Deutsch, assistant professor of history, who recently returned from a year's study in German; Professor Alvin H. Hansen, who served as chief economic analyst for the Department of State in 1934-35 and Lieutenant-Colonel Adam E. Potts, United States Army, professor of military science and tactics.

The program will open April 7 with a discussion of the dangers of contemporary diplomacy by Professor Deutsch and MacNair. The former will deal with the European situation while the Chicago faculty member will discuss diplomatic policies relative to China and Japan. Professor MacNair is former head of the history department of St. John's University, Shanghai, China.

Dangers that lie in conflicting national theories of society—in Communism and Fascism, which conflict with each other and with democratic ideas—these questions will be subject of an address by Professor Elliott of Harvard on the evening program. Professor Elliott, former Rhodes Scholar, holds degrees from Vanderbilt University and from the Sorbonne in Paris.

Weapons of the war propagandist and the use to which he puts them will be described by Professor Odegard of Ohio State to open the second day's program. Mr. Stone and Lieutenant-Colonel Potts will discuss conflicting policies on armaments during the afternoon session. During the evening session, Dr. Wallace will



PROFESSOR HAROLD S. QUIGLEY

analyze national economic programs for omens of war.

The final day of the conference will be devoted to possible bases for peaceful settlement and to the issue now agitating popular American thinking—questions of neutrality. Professor Potter will discuss the present importance of the League of Nations and its recent history. Professor Hansen will examine possible opportunities for economic readjustment of world difficulties and Dr. David Bryn-Jones of Carleton College also will speak.

In the evening Mr. Turlington, whose international law experience has included work with the Department of the State, will present the alternatives which face the United States in the event of another war. He will deal with the legal, moral and economic conditions of American neutrality.

In addition to the addresses, a number of group discussions will be held with the speakers and others as leaders and with students, faculty and interested citizens taking part. The entire program is presented without charge to the general public and those interested are urged to attend meetings and lectures. The major talks will be held in Northrop Memorial Auditorium while the various discussion groups will meet in the Center for Continuation building and other places on the campus.

Meeting at the same time at the Center for Continuation will be an institute upon international relations under direction of Dr. Harold R. Benjamin, director of the Center. Dates for this institute will be April 5-10, with several of the conference speakers leading discussions or addressing groups at its sessions.

On the committee besides Professor Quigley are the following faculty members:

Professor William Anderson, political science; Professor A. L. Burt, history; Professor Hansen, economics; Professor O. B. Jesness, agricultural economics; Lieutenant-Colonel Potts, military science, and Dean Malcolm M. Willey, assistant to the president.

Student members of the committee include Karl F. Diessner of Waconia; Elizabeth Donovan of Minneapolis; Vance Jewson, Minneapolis; Albert Lehmicke, Stillwater, and Robert Loevinger of St. Paul.

Alumni Clubs Plan Meetings

SEVERAL Minnesota Alumni clubs will hold meetings during the next few weeks. Herbert Sorenson, assistant professor of education, was scheduled the principal speaker at a dinner meeting in Olivia on March 29. Alumni Secretary E. B. Pierce was also listed to appear on the program as was Coach Phil Brain who spends his spare time showing the pictures of the Minnesota football teams in action. Dr. L. E. Epstein and J. M. Freeman completed the arrangements for the meeting at Olivia.

The program planned for a meeting in Worthington on April 1 includes a talk by Mr. Pierce and the showing of the football pictures by Coach Brain. In charge of the arrangements for that meeting is Dr. R. E. Gruye.

Mr. Pierce will be present at the dinner to be given by the Minnesota Alumni Club of New York City on April 21. Additional information concerning plans for the New York meeting will be found elsewhere in this issue of the Alumni Weekly. On April 22, Mr. Pierce will speak at a dinner meeting of the Minnesota Alumni club of Washington, D. C. John McGovern, president of the Washington Club, and Erling Saxhaug, secretary, are completing the arrangements for the meeting in the national capital.

Minnesota alumni in Ely will join with other organizations in holding a dinner meeting in that city on Tuesday, April 13. The principal speaker on the dinner program will be Alumni Secretary E. B. Pierce. Sheldon Beise, former Gopher full-back and present assistant football coach, is also scheduled to appear on the program. Following the dinner the pictures of the Minnesota football season of 1936 will be shown. Edward Buckley is in charge of the arrangements for the program.

Alumni in Albert Lea attended a dinner on March 15 at which Alumni Secretary Pierce was present. Dr. B. A. Leopard is president of the Albert Lea club. Paul Gillespie was in charge of the arrangements for a meeting at Little Falls which was held on March 18. Mr. Pierce was also present and spoke at this dinner in Little Falls.

Phil Potter '34, former managing editor of the *Minnesota Daily*, and now managing editor of the Rapid City, S. D., *Daily Journal*, is in charge of arrangements for a meeting of Minnesota alumni in that city sometime this spring. Plans are being made to organize a Minnesota Alumni club in Rapid City. Alumni who will assist Mr. Potter in making plans for the meeting are George Brundledt, Beyer Aune and Eddie Gadler.

Coloring Process

Dr. R. B. Harvey, professor of plant pathology at University farm who is on a year's leave of absence, has perfected a process for coloring citrus fruits which does not taint them.

More than 80 per cent of the present Florida citrus fruit crop has been submitted to the Harvey Process for coloring.

Dr. Harvey is in Duneden, Fla., where he is carrying on this investigation at the Florida Citrus Fruit laboratory.

Florida fruit growers have not been able to compete on the market with California fruit growers because of the poor color of Florida fruit due to climatic and other conditions.

Dr. Harvey is president of the American society of plant pathologists. He will resume his work at University farm July 1.

Returns to Campus

Dr. H. K. Hayes, chief of the division of agronomy and plant genetics, returned to the University farm in March from China, where he served on the University of Nanking faculty for the last year.

Granted leave a year ago to accept the invitation of the Chinese government, Dr. Hayes has been directing research programs in agronomy and plant genetics.

Ranked by his colleagues as one of the foremost authorities on plant breeding in the world, Dr. Hayes came to Minnesota in 1915, after receiving his doctor of science degree from Harvard.

Plan Alumni Day Program

WITH the annual Alumni Day only three months away the members of the various quinquennial, or five-year classes, from 1877 to 1932, will soon be making plans for their class reunions and luncheons on the campus. The Commencement exercises will be held in Memorial Stadium on the evening of Monday, June 14, and on the same day the University will be host to former students and graduates who return for the Alumni Day activities.

The class luncheons will be held in various dining rooms on the campus at noon. The afternoon program which will be planned by the Silver Anniversary Reunion committee of the class of 1912 in cooperation with Alumni Secretary E. B. Pierce will allow the visitors the opportunity to inspect the newer buildings on the campus.

Alumni of all the classes will gather at the annual Alumni Dinner in the main ballroom of the Minnesota Union at 5:30 o'clock. The program for this occasion will be announced later. A public address system will be installed for the dinner program and the committee will make plans to handle a crowd of more than 500 guests without confusion or delay.

It is traditional each year that the committee from the twenty-five year class be in charge of the arrangements for the Alumni Day program. A member of the current twenty-five year group also serves as toastmaster at the dinner.

1912 Meeting

On March 19 several members of the class of 1912 met at a dinner meeting in the Minnesota Union to initiate plans for the setting up of their committee organization. Judge Gunnar Nordbye of Minneapolis opened the business session and named Stanley Gillam as temporary chairman. Later, in the election of committee officers, Mr. Gillam was named permanent chairman of the 1912 reunion committee. Mark Fraser, the permanent president of the class, is now in New York, and will be unable to participate in the activities of the committee.

Miss Therese M. Gude was named secretary of the reunion committee, and Miss Amy R. A. Pellatt will serve as treasurer. The next meeting of the group will be held in the Minnesota Union in April.

The first class to be graduated from the School of Nursing received degrees with the class of 1912 and the two members of the "First" group of nursing graduates, Miss Caroline Schwarg and Mrs. Olga Skonnord Hjortaa, were present at the 1912 meeting and are members of the reunion committee.

Members of the class of 1912 planned and established the student council system of government on the campus and also had a hand in the organization of senior honor societies.

Committee

Those who were present at the dinner on March 19 will serve on the 1912 reunion committee and the committee will include several other members of the class who were unable to present at the first meeting of the reunion group.

Members of the Class of 1912 present were: Elizabeth B. Braden, E. D. Coventry, Cosette Drew Dexter, Alice F. Drechsler, Mrs. J. G. Fogarty, James N. Ford, Stanley Gillam, Therese M. Gude, Gladys Leonard Hahn, Mrs. E. A. Hendricks, Olga Skonnord Hjortaa, Milton Irwin and O. B. Jesness.

Dr. B. H. Kerr, Rita D. MacMillan, Arthur Markve, Dr. T. J. Mee, Irma Meili, Gunnar Nordbye, Amy R. A. Pellatt, Harry H. Peterson, Mellie R. Phillips, Otto Ramstad, Caroline Schwarg, Mrs. R. S. Siehl, Theodore Utne and M. N. Orfield. Also present at the meeting were Alumni Secretary E. B. Pierce and William S. Gibson, editor of the *Alumni Weekly*.

Class committees of the other reunion classes will be named early this spring and these committees will complete the plans for the luncheons for the members of the various five-year classes. The quinquennial classes this year are 1877, 1882, 1887, 1892, 1897, 1902, 1907, 1912, 1917, 1922, 1927 and 1932.



STANLEY GILLAM '12

Mr. Gillam has been named chairman of the 1912 class committee which will make plans for the Alumni Day program on the campus on June 14.

On Alumni Day in June the members of the Minnesota Alumnae Club will continue their custom of entertaining the members of the older classes at a luncheon in the Minnesota Union. These luncheons in the past have proved to be delightful occasions and have been greatly enjoyed and appreciated by the members of the earlier classes.

The class reunion luncheons are always enjoyed by everyone present and graduates return to the campus from all parts of the country to attend the various activities on the Alumni Day program. The twenty-fifth reunion luncheon of the class of 1911 last June was such an enjoyable affair that the class held another meeting last fall. And it is possible that this will become an annual occasion to allow the members of the class to get together more often.

Each year the *Minnesota Alumni Weekly* publishes a special souvenir booklet for the members of the current twenty-five year class. The volume includes a complete listing of the members of the class with biographical information about each member since graduation. It also includes individual pictures of the class members and a special pictorial section featuring scenes of the campus. The booklet is published following Alumni Day each June.

Football Returns To Northrop Field

THE weather permitting, the Golden Gophers of the gridiron will be back on Northrop Field this week for the opening sessions of the spring practice period. If the snows of the last week of March carry over into April, Bernie Bierman and his assistants will conduct their preliminary drills in the Field House.

Twenty-six of the 41 athletes who received letters in the sport last fall will be eligible for further competition. Captain Ray King and Andy Uram, who was named alternate captain by his mates last November, are candidates for first string positions on the baseball nine and will not take part in the spring football practice.

Losses through graduation emphasize the need for replacements in several positions, especially at tackle, center and quarterback. Members of the reserves of last year and the freshman squad will be given close attention during the spring training period in the quest for new men.

Here are the veterans who will be back in 1937:

Ends—Captain Ray King, Dwight Reed and Bob Carlson.

Tackles—Lou Midler, Bob Johnson, Bob Hoel, Warren Kilbourne and Marvin LeVoor.

Guards—Horace Bell, Charley Schultz, Bob Weld, Francis Twedell, Allen Rork, Sam Riley and Ed Kafka.

Centers—Dan Elmer and John Kulbitski.

Quarterback—George Faust.

Halfbacks—Andy Uram, Rudy Gmitro, Bill Matheny, Wilbur Moore, Ray Bates and Harold Wrightson.

Fullbacks—Larry Buhler and Vic Spadaccini.

National Title

Minnesota athletes made a good showing in the winter sports season which came to an end a week ago. The basketball team finished the Big Ten season in a tie with Illinois for the conference championship. The hockey team shared the Big Ten title in that sport with Michigan.

The wrestlers won third place in the western conference meet and Captain John Whittaker was named the outstanding performer in the Big Ten. Last week he lived up to this honor by winning the national title

in the 175-pound division in the national collegiate wrestling championships at Terre Haute, Indiana. Clinton Gustafson won the heavyweight title in the conference meet and placed second in the national championships in his division.

The gymnastic team placed second in the conference in that sport after holding the title during the preceding year. The swimming team made a good showing in conference competition and appears to be on the way back toward the top. The track and field athletes must complete their outdoor schedule before a final word can be said on their record for the season.

Award Letters

The University Senate committee on Intercollegiate Athletes voted letters to 54 athletes who participated in the winter sports.

Fourteen members of the Gopher basketball squad that tied for the Big Ten title are 'M' winners. They include Gordon Addington of Wahkon, Guy DeLambert of Helena, Mont., Earl Halvorson, George Nash, Martin Rolek and John Kundla of Minneapolis; Robert Manly of St. Paul, Henry G. Johnson, Two Har-

bors; Gordon Spear, Miles City, Mont.; Ed Jones, Couer D'Alene, Ida.; Dick Seeback and Art Lillyblad, Red Wing and Ray Barger, Rosemont, Ellsworth Towle, senior basketball manager, was also awarded a monogram.

An equal number of hockey players on the Minnesota squad that tied Michigan for the conference title, were also voted the monograms. They include Ed Arnold, Ridgway Baker, Captain Bjorck, William Bredeson, James Carlson, Robert Carlson, John Ganley, Richard Kroll, Joe Schwab, Wally Taft and Charles Wilkinson from Minneapolis, Kenneth Anderson St. Paul, and Ray Wallace, Fargo, N. D. Robert Johnson, senior manager, will also receive a letter.

Eight wrestlers voted letters included Norman Borlaug of Cresco, Iowa, Clifton Gustafson of Convik; Stan Hanson of Mound, Duane McConnell, Vesta; Ross McCorquodale, Olivia; Captain Whitaker, St. Paul; John Matlon, Minneapolis, and Robert Zabel, Plainview.

Swimmers

Swimmers winning monograms were Andrew Ackerman, Detroit; James and Lyman Brandt, St. Paul; John Comstock, Richard Elling, Willard Morris and Charles Philip, Minneapolis; Rex Hudson Duluth and Leonard Klun, Ely.

Letter-winning gymnasts include co-captain Carl Dech, John Holahan, Paul Johnson, Curtis Lynum, Clarence O'Heron, Roland Russell, co-captain Dean Shawbold and Howard Stuart, all of Minneapolis.

To athletes who had not quite the necessary competition, sweaters were awarded. In this group are George Gustafson, Two Harbors; Russell Deputy, Waseca; James O'Conner and Gerald Peterson, Minneapolis, and Herbert Frentz, Mankato, from the basketball squad. Roy Helchin and Robert Schanke, Minneapolis, and Harvey McNarr, St. Paul, were voted the sweater awards for their work on the hockey squad, while Charles Worchester of McGregor and Harold Heneman of Mason City, Iowa, were named from the wrestling squad.

MICHIGAN WINS

Michigan dominated the national intercollegiate swimming championships held at the University on March 26 to 27 to win eight of the 11 first places and score a total of 75 points. Ohio State was second with 39 points and Yale was third with 38 points. Other teams scoring were Northwestern 13; Iowa 11; Chicago 7; Pennsylvania 6; Minnesota 4; Princeton 4; Illinois 1, and Dartmouth 1. Tom Haynie of Michigan who won both the 220 and 440-yard events was named the outstanding swimmer of the country. Michigan relay teams set new national records in the 300-yard and 400-yard relay events.

Minnesotans placed as follows: Rex Hudson, fifth in 50-yard free style; Leonard Klun, fifth, low board diving; 400-yard relay team, fifth; Brandt, sixth, 150-yard backstroke, and 300-yard medley relay, sixth.

Minnesotans In New York

By RUTH LAMPLAND '28

IF present enthusiasm is any indication, the annual spring party of the University of Minnesota Alumni Association in New York will be the biggest event of its kind held in several years. Alumni from all over the metropolitan area, having heard that E. B. Pierce, the Alumni secretary, is to be with us on April 21, are looking forward to the event.

On March 9, the Board of Governors of the New York Alumni met at the Hotel Martinique, 32nd Street and Broadway, for an executive session before dinner and the social evening open to all alumni, and, with New York president Tom Phelps presiding, made numerous suggestions for specific plans for the April 21 party. But final arrangements, it was decided, would be left to a committee of the younger alumni in New York (with a few older ones to express suggestions voiced by the Board at that conference) which met Monday evening, March 15, to determine the wishes of the majority of classes represented, as to what kind of a party should be held, where, and what hour, and at what cost.

Present at this meeting of the Board of Governors were such a distinguished gathering that we think it worth your while to tell you, at the risk of reputation, who they are:

Thomas W. Phelps, '23, about whom you may have read in the January 9 issue of the *Weekly*, is editor of *Barron's Weekly*, the national financial weekly read by experts in the field. He and his family live at 1335 Madison Avenue, New York.

Sigurd Hagen, '15, our very active secretary for these many years, has a permanent residence address in New Haven and a business address at 122 East 42nd St., where his name is on the New York Life Insurance Co. staff list, but that evening listed his address as "S. S. Kungsholm, South Seas", so we're passing it on to you. Sig and Charlotte (Mrs. Hagen) are expected back from the cruise about Easter time.

Samuel S. Paquin, '94, our conscientious treasurer of long standing, is the red pencil behind the writings of some of the best nationally syndicated columnists, whose daily paragraphs you may be reading regularly, namely, Edwin C. Hill,

Elsie Robinson, Helen Rowland and others. The syndicate is King features, the address 235 East 45th Street, New York. Sam's home address is 257 Cherry Lane, Teaneck, New Jersey, and everyone who knows Sam knows of his lively political activities in that rapidly growing residential suburb of New York. (I trust I dare call it a suburb!)

The other members of the Board we list in alphabetical order:

Arnold Frye, '07, M.A. 1908, a member of the prominent law firm of Hawkins, Delafield and Longfellow, 49 Wall Street, lives at 5 Northway, Bronxville, New York.

Varied Activities

George H. H. Lamb, '22, whom you may remember as a recent past president of the New York Alumni, is associated with the college book department of two publishers highly esteemed in the educational world, Longmans, Green, and Oxford University Press. His home address is 404 West 116 Street.

Your correspondent is in the advertising and sales promotion department of the Frank G. Shattuck Company, which operates the 43 Schrafft's restaurants in Greater New York, Newark, White Plains, Boston, Syracuse and Philadelphia and the Schrafft's candy factories in Boston and New York, the Schrafft's ice cream factory in New York, and Wallace and Company candy factory in Brooklyn, and so on. (There, we got that in!)

Harold J. Leonard, D.D.S. '12 and B.A. '15, has two offices: a private office at One East 57th Street and a college office at 630 West 168th Street, in the Medical Center. His home address is 10 Parkway Drive, Pelham, New York.

Alan J. McBean, B. A. '12, LIB. 1914, is general counsel of the American Telephone and Telegraph Co., 195 Broadway, New York. His home address is 76 Park Avenue, Bronxville, New York.

Carl W. Painter '15, another lawyer, is a member of the eminent firm of Cravath, deGersdorff, Swaine and Wood, 15 Broad Street, New York, and lives at 235 East 61st Street.

Arthur B. Poole '17, lists his office address as 30 Rockefeller Plaza and



LEVON WEST '23

his home address as Laurel Park, Mt. Kisco, New York. He will be remembered as a former president of the New York Alumni, and as the treasurer for several years of Pathe Exchange, which we understand has been absorbed by the great and complicated Radio Corporation of America.

John H. Ray '08, is counsel for the American Telephone and Telegraph Co., also at 195 Broadway, and lists his home address as 5 Buttonwood Road, Dongan Hills, Staten Island, New York.

Levon West '23, whose studio at 230 Park Avenue, New York, has been the scene of many New York Alumni Thanksgiving parties, actively took part in the program later in the evening, showing slides of color photographs he took with a small Leica camera during his recent South American travels.

Wives of several members of the Board were also present at the gathering which followed the business

meeting meeting. Mrs. H. J. Leonard (Marion Slater '13G), Charlotte Hagen, Mrs. George H. H. Lamb (Elinor Lagerman '24), and perhaps others we may not have met in the rush of things.

The alums who came for the program and dancing of the evening were rewarded not only by hearing the talk given by Levon West but also by seeing and hearing the much-traveled Hoffman twins, Ruth (now Mrs. Brooks, home address, Ali Gharbi, Irak, near what you and I know as the Garden of Eden) and Helen. Since they had arrived only a few days before, on March 6, to be exact, and had been photographed and interviewed by every paper in Manhattan, not to speak of being introduced to radio audiences the next day of so on a national network, they were greeted by unusual applause. Each gave some description of the more colorful aspects of life in the neighborhood of Bagdad, and recounted for everyone's pleasure some of the details which made their painting a portrait of King Ghazi of Irak so unusual. We found almost all of our friends who had *not* gone to Minnesota asking us about them the day after the burst of pictures had appeared in

the papers, and saying, "Did you see that your friends, the Hoffmans, had invited the King of Persia, we mean Irak, to attend an American cocktail party, if he ever comes to New York?"

Since the idea of "housekeeping in the Garden of Eden" (the subject of one of the radio talks mentioned above) fastened on our imagination, we've not been able to get the subject out of our mind. And when you know that Ruth is the wife of an English engineer stationed there, that their staff of servants must be addressed in Arabic, their native language, and that their household pets include a gazelle and a jackal, you can understand why we've had all we could do to keep from using that inevitable word which is the mainstay of writers on travel, "exotic". But not an "exotic" until now!

Interesting, if not the above, is the record of the many other alumni who were present that evening. Mary Frances Lehnerts, known to many members of the faculty and former students in the Music School at Minnesota, sang several numbers, and there were earlier baritone solos and other events on the program, announced by Sig Hagen, as master of ceremonies.

Commencement Exercises Held

MORE than 300 men and women received degrees at the winter quarter commencement exercises in Northrop auditorium on March 18. On the preceding evening the members of the graduating class were the guests of the Minnesota Union Board of Governors at a dinner in the Minnesota Union. E. B. Pierce, president of the Board of Governors, presided at the meeting. The speaker was Dr. Harold Benjamin, director of the Center for Continuation Study.

The commencement address was delivered by Dr. Robert C. Wallace, principal and vice chancellor of Queen's University, Kingston, Ontario. President Coffman presided and presented the diplomas to the members of the class.

Among those receiving their masters degrees at the winter quarter commencement were Donald Bowers '33, Gertrude Drohan '21, Jayne K. Eastman '35, Lillian Regina Kravig

'29, Clarence L. Kulisheck '35, Timothy O'Keefe '21, Margaret Aline Seder '35, Ruth Heywood Brand '25, Laurine Davison Jack '29, Arthur M. Mark '32, Harold C. Sandhoff '24, George D. Sherman '33, Alice Margaret Thomas '32, William G. Wiegand '22, Howard S. Kahn '35, Abe Rosenbloom '35, and Arthur W. Melloh '32.

Doctor of Philosophy degrees were granted to Chester D. Dahle '21, Ralph W. Erickson '28, Kenneth C. Johnson '32, Stanley W. Sundeen '31, Walter S. Wilde '33, and George H. Wise '32.

University Farm

Dr. A. A. Dowell, superintendent of the Northwest School of Agriculture at Crookston, will join the faculty at University farm as associate professor of agricultural economics with the opening of the

spring quarter.

Dr. Dowell succeeds Dr. E. C. Johnson, who has gone to Washington, D. C., where he will be chief economist for the farm credit administration.

Graduating from Iowa State college in 1915, Dr. Dowell joined the Minnesota department of agriculture in 1922 as an animal husbandry specialist in the extension division. He was transferred to Crookston in 1927 as school superintendent and director of the experiment station.

In 1933-34, Dr. Dowell was given a leave of absence to study livestock marketing for the United States department of agriculture.

He received his master's degree in 1925 and his Ph.D. in 1932, both from Minnesota.

Fraternity Alumni

A joint student-faculty committee to discuss campus fraternity problems with the Board of Regents and a resolution favoring the establishment of a separate alumni interfraternity council were the answers of the undergraduate interfraternity last week to the request of their alumni for representation on the undergraduate council.

At a special meeting in the Chi Phi house two amendments which would have given the alumni seats on the council were defeated.

As an answer to the plea of "more alumni interest in campus fraternity affairs" and of the need for "a united front of alumni and undergraduates to solve fraternity problems," the council recommended that a separate alumni council, legally recognized by the University, be formed. The executive committee of this new organization would be invited to meet with the undergraduate council and would know ahead of time what business would be transacted at the undergraduate meeting.

The undergraduate group plans to petition the regents to recognize this new alumni group.

To gain the "united front," Wayne Pickell, council president, appointed a committee of six to appear before the regents. It includes; Thomas Beebe, Thomas Martin and Robert Eckhardt, undergraduates; Judge Paul Carroll, Representative George MacKinnon and Carroll K. Michener, alumni.

The Reviewing Stand

W. S. G.

Receive Fellowships

Two members of the Minnesota faculty and one former student have been awarded Fellowships by the John Simon Guggenheim Memorial Foundation for the coming year. The recipients of the awards are Dr. Ralph D. Casey, chairman of the Department of Journalism, Dr. William J. Luyten, associate professor of Astronomy and Ross Lee Finney '27Ex, assistant professor of Music, Smith College, Northampton, Mass.

This is the thirteenth annual series of Fellowship awards by the Foundation which was established in 1925 by former United States Senator and Mrs. Simon Guggenheim as a memorial to a son. The names of Minnesota graduates and faculty members have appeared in the lists of awards each year. A total of 63 Fellowships were announced this week by the Foundation and these awards were made after a study by the committee of more than one thousand applications. President Frank Aydelotte of Swarthmore College is chairman of the Selections committee.

Dr. William J. Luyten, assistant Professor of Astronomy in the University was first granted a Fellowship by the Foundation in the year 1928 to enable him to study the stars in the Southern Hemisphere in the neighborhood of the Sun. Since that time Dr. Luyten and his assistants have observed 25,000,000 stars in the most complete survey ever made of the Southern sky. In this study Dr. Luyten found 90,000 stars that have appreciable proper motion—that is, movement at right angles to an observer on the Earth. During the survey 1,600 new variable stars and 1,200 double stars were discovered. Dr. Luyten recently discovered a near neighbor of the Earth, hitherto unobserved, which is 25 to 30 thousand times less luminous than the sun.

Dr. Ralph D. Casey, professor of Journalism and chairman of the Department will study, against the background of his knowledge and understanding of American political party propaganda campaigns, the techniques and procedures utilized in the British Isles in major political

contests, the symbols that pass current in electoral campaigns, and the agencies and channels through which effective symbols flow with the greatest success to those parties sponsoring the propaganda. Dr. Casey works on the *Seattle Post-Intelligencer* and the old *New York Herald*. He has published books and many articles on propaganda and promotional activities.

Mr. Finney was one of two composers who received awards for creative work in musical composition. He studied for two years at the University of Minnesota and received his degree from Carleton College in 1927.

Mr. Finney's compositions include a Piano Trio, two Piano Sonatas, a Sonata for Violin and Piano, a String Quartet, *Eight Poems by Archibald MacLeish*, *Masse Mensch*. His published works include *Twelve Sonatas for Violin and Piano by Francesco Geminiani* and *Two Sonatas by Maurizio Cazzatti*.

New Position

In March the Minneapolis firm of Dana Hill Co., Inc., investment securities, announced the addition to their staff of Sam McKee '32B. For the past two years Mr. McKee has held a position with the general brokerage firm of Harris, Burrows and Hicks in Minneapolis. There were not many openings in the line of business for which he had been trained in college at the time he received his degree but he turned down other opportunities to remain in his chosen field through the lean years. This course is now bringing its reward.

Honored

Professor Charles P. Berkey '92, of Columbia University was the guest at a surprise birthday party in his honor at the Hotel Astor in New York City on the evening of March 25. The event was called to our attention by one of his former classmates and colleagues in the department of geology, F. W. Sardeson of Minneapolis. Mr. Sardeson was unable to attend the dinner but wrote a verse in honor of the occasion.



DR. RALPH D. CASEY

The dinner was arranged by a committee which included President Nicholas Murray Butler of Columbia University and other colleagues and friends of Dr. Berkey.

Following his graduation, Dr. Berkey served as instructor in mineralogy at Minnesota until 1904 when he was appointed to the staff of the School of Mines of Columbia University. He is an outstanding figure in his field and has served as secretary of the Geology Society of America.

Big Meets

During the past two years the varsity pool in the new athletic building on Northrop Field has been the scene of two major swimming classics, the Big Ten meet in 1936, and the national intercollegiate championships this past week. For years, Coach Niels Thorpe and his athletics trained and held their dual meets in the old pool in the Armory and looked forward to the time when Minnesota might have a pool which would accommodate championship events.

Over a period of many years, Minnesota has been well represented in national intercollegiate swimming competition. Twenty-five Gopher swimmers have placed in the annual championships since 1924 and several of these athletes have held national titles.

Director of Sanford Hall

By LORAIN SKINNER '35

"Mrs. Cassidy, I think there's a freshman in Room 401 who's homesick . . . she's crying awfully loud." . . . "Mrs. Cassidy, I'll just have to have another room. This one doesn't get the morning sun!" . . . "Mrs. Cassidy, do you think I could move out? I don't think I like University." . . . "Mrs. Cassidy, I just can't stand my room mate" . . . "Mrs. Cassidy, how do you get the janitor? I have six trunks" . . . "Mrs. Cassidy, there aren't any sheets on our beds and Mrs. Gulbrandson says the laundry hasn't come back so what can we do? Will you find us some?"

Leora Easton Cassidy '04, director of Sanford Hall since 1931, who evaded our question of how she maintained her good disposition, assigning it to "the blood and bones of my ancestors and my good glands," hurries up to the fourth floor (and she runs with the sprint of a gym major) . . . she assured homesick Betty that by next week the University won't seem so large and lonesome . . . dashes down to the office to scan the room chart for an east-facing room for the sun-worshipper . . . sends dissatisfied Mabel to the Freshman Mixer . . . changes room-mates . . . ferrets out the elusive janitor . . . backs out her car to "tear over" for a meeting with Mr. Middlebrook . . . comes back . . . takes homesick Betty out for some hamburgers after dinner . . . and so on until nearly midnight when Mabel, telling Mrs. Cassidy how much she enjoyed the Mixer, leaves. Until eight o'clock in the morning, good night.

SOCIAL PROGRAM

The hurry with a million things to attend to goes on during homecoming weekend . . . the beginning and end of quarters . . . every day . . . but gray-haired Mrs. Cassidy, who has snappy, brown eyes and a young, athletic walk, is unruffled, calm . . . in contrast to the roaring janitor, the harried office staff . . . and so, by request of former Sanford girls, we asked her, how come her serenity?

Because in addition to these tiny up-setting things she must attend to, she has taken charge of many broad programs. First of all she is responsible for the entire success, financial, social, every way . . . of Sanford Hall. Always wishing to make the dormitory an attractive place to live in, she has worked out color schemes and asked for new furniture. She has changed the dining room from a rather dark, vast hall to a light, cheerful place in which to eat. She has gotten a grand piano and upholstering for the living room. Under her the first formal was held, the extra parties such as the East-side West-side costume party running tops in popularity, and the Lodger parties were started. So was the chorus, the Sanford library, the Sanford band, chamber orchestra, the newspaper. These are all parts of her program to give girls interesting things to do together outside of study hours and the hours they spend on the campus in other activities. She tries hard to tie up the dormitory with campus activities, and is a member of the University coordinating

committee of which Dean Otis McCreery is chairman. She keeps books of Sanford Hall, a University service enterprise, and watches menus, repair expenses, heat, light, food, furniture, and all sorts of bills carefully so that the books may show a profit if possible. She is the mediating board for all difficulties which may arise. At times she even runs the switchboard for a few moments. She spends hundreds of hours in just talking in informal fashion over the things that are troubling the girls.

NEW CAREER

These are probably the moments she likes best. She likes girls to be happy, busy and interested while they are at the University.

"Girls should make a very determined effort to open out, to make friends, form their interests," she declared. "For any girl to come to this campus and say, 'this is such a large place and I count for nothing' is entirely wrong."

The most gratifying things about her job . . . "I like being on the campus—I like the atmosphere of the University, and I like seeing Sanford become a desirable place for girls to live. I am especially gratified because every once in awhile I hear from someone who has lived here that in some way or another I have really helped that person."

How did she get into personnel work? "I had to take care of myself and I had been teaching school. I could see that high school positions were falling rapidly into the hands of younger minded persons—so I thought I'd better get into something a middle-aged woman could do reasonably well and not get out of place. Personnel work appealed to me, and people had often told me that I should be doing something of that sort."

So, with her natural ability to handle people and her training in teaching she went to Columbia University where she received her master's degree in 1929, she taught the next fall at Northrop Collegiate school, and in February 1931 became director of Sanford Hall.

FACULTY PERSONALITIES

She had of course taken her undergraduate work at the University. "I took up all the education that was offered and I did get a point of view that was helpful in teaching—a birds eye view of the whole manner and field of teaching. I appreciated certain subjects . . . Maria Sanford gave me a genuine love for Shakespeare, and the German department gave me a very genuine love for the German language and the German classics (Professor Schlenker and Professor Moore she mentioned particularly) and I would not for anything have missed these for my life has been a whole lot richer for having taken certain subjects. I enjoyed Latin. The influence of Maria Sanford was a matter of personality I think you would say—in fact, that was true for all of my teachers . . . Professor Schlenker was a teacher of character and philosophy, and Professor Moore . . . I



MRS. LEORA EASTON CASSIDY

used to sneak into Dickey Burton's classes and listen to him . . . I liked Mr. Gale in experimental psychology — his course offered much that now is a regular part of experimental psychology. And Mr. Savage.

"Classes were mostly go down the line and recite. Classes were smaller. I think possibly we got a little closer to our teachers, and I think the individual found it easier to find a place for himself than in the rush and hurry now."

NEW OPPORTUNITIES

But there were opportunities she would have liked to have gotten which are offered today . . . "A much broader opportunity for learning in affairs of the day . . . economics and sociology . . . freedom of discussion, freedom of speech and a frank attitude that many students have towards faculty people. In my day most teachers crammed things into my head. And I would have liked arts, music, appreciation, something to do with my hands such as pottery."

(She likes to do things with her hands, and this year is taking up pewter work, so that she can have the sense of craftsmanship as a girl through making kites and slingshots. Other hobbies of hers include bridge, driving a car, swimming, walking, listening to music, and at one time she was rather excited about women's suffrage.)

Of the campus she remembered "The Y.W.C.A. Spring luncheon when 800 people came and there was food for 40. One of the guests said she paid 75c for a violet and pickle . . . Sid the rat man . . . Mike Ryan, the campus cop . . . Giles lunchroom in the basement of the Old Main and lunch stew . . . yellow journalism. A reporter in the city wrote a story in one of the city papers about coeds based on the fact that in one dull class some of the girls played cards. The Woman's League demanded from the University administration that the next offender be punished."

She was on the Daily for awhile and was an officer of Thalian. It was in the shirt-waist era.

Today she believes women have broader interests which is one of the reasons she likes today better than her yesterdays. She believes everyone is broader and more tolerant, perhaps through psychology, she surmises, or perhaps through natural growth.

And women . . . "If they are at all intelligent they do more interesting things than they used to, and these interests make them more interesting than they would have been, possessing the same intelligence, years ago."

At any rate, she advised, University of Minnesota coeds who today have so many opportunities, should make the most of every one offered.

Alumnae Notes—

Woman in politics . . . Mrs. Martin C. Bergheim (Mildred Enquist '22, '22Gr), our prominent Democratic alumna of Hawley, Minn., who rode in the official parade when President Roosevelt spoke in Minneapolis and who was a member of the reception committee greeting Secretary of State Cordell Hull, was a member of the Women's committee for the Victory dinner held March 4 in the St. Paul auditorium. Mrs. Bergheim attended the Democratic State Central committee meeting held that afternoon and donned evening dress for the \$10.00 a plate Victory dinner held that evening.

When the Pen Women's club met, Mrs. Darragh Aldrich, alumnae author, spoke on the program. She gave an outline of a short short story contest.

Rewey Belle Inglis played the part of the "artful dodger" and took her College Women's club audience through the British Isles March 8. The pictures she took on her summer's trip and others she used to illustrate her talk.

The University of Minnesota Alumnae Club's Hobby Luncheon was held March 20 at the home of Mrs. G. C. Cerney. Mrs. Schuyler Woodhull, owner of an interesting collection of bells talked on her hobby, bell-collecting. Assisting Mrs. Cerney was Dr. Olga Hansen (Mrs. J. C. Litzenberg), Hilda Humpfner, Effie Berkheimer, and Mmes. Clara Koenig, Libby Ladderman, G. E. Thomas, E. B. Johnson and Earl J. Neutson.

Legislator Mabeth Hurd Paige was speaker at a meeting of the Minneapolis Colony of the National Society of New England Women recently.

Gertrude Hillboe '17Ex, the dean of women at St. Olaf College, Northfield, presided at the gathering of the college group of deans at the spring conference of the Minnesota Association of Deans of Women. The deans gathered appropriately in Shevlin Hall for their sessions on March 25.

Minnesotans on the list of officers are Dean Ethel M. Ackerman '14Ex, Hamline University, publicity; Dean Gertrude Hillboe, membership chairman, and Dean Anne Dudley Blitz, research chairman.

Chemistry Alumni Among Leaders

Minnesota stands fourteenth among the 456 American and 49 foreign universities and colleges in the number of graduates whose biographies appear in the new edition of the "Chemical Who's Who." This standard reference work, published this month, contains data on 5,686 chemical company executives, prominent chemists and chemical engineers, and professors in the leading colleges and universities. Of these 117 hold degrees from Minnesota.

Columbia heads the list in numbers with a total of 349. M. I. T. is second with 330; Yale third, 250; Illinois fourth, 249; Cornell fifth, 247; and following these are Harvard, 233; Wisconsin, 219; Chicago, 212; Michigan, 206; Ohio State, 182; California, 133; Pennsylvania, 120; and Minnesota, 117.

"The record of Minnesota graduates in the chemical field," said William Haynes, editor of this book, "ought to be a matter of great pride not only to the Faculty of the Chemistry Department, but to every graduate. Represented in the 1937 edition of the 'Chemical Who's Who' are the graduates of 456 American and 49 foreign institutions of higher learning. These men represent the real industrial and technical leadership in the field of American chemistry, and the great number of Minnesota graduates who have won outstanding positions is indeed impressive."

Sigerfoos Fund

Something over a year ago a movement was started at the University to collect a fund to honor the long and distinguished teaching career of Dr. Charles P. Sigerfoos, Professor of Zoology. Letters were sent out to colleagues and former students inviting them to participate in the formation of such a fund. To date \$3,966 have been contributed for this purpose. Nearly 400 contributions have been received from colleagues and former students and 13 contributions have been received from various organizations served by Doctor Sigerfoos during his long and active service teaching career at the University. The individual contributions have shown a wide distribution in this country and the world. The United States is repre-

sented by 29 states and the District of Columbia. Outside the United States proper contributions have been received from Alaska, Hawaii and China. This fund constitutes a permanent endowment, the interest of which will be available to subsidize advanced students in zoology for the purpose of short periods of study particularly at the seashore or in the tropics. The first grant from this fund will be made for the summer of 1937.

Contributions to the fund continue to come in and it is hoped that eventually such contributions may increase the capital sufficiently to permit the awarding of a more substantial fellowship. Those still desiring to contribute to the fund should send contributions to the office of the comptroller of the University, Dr. Dwight E. Minnich, head of the Department of Zoology, is chairman of the fund committee.

New Books

The trend in modern literature to biographies and travel books has affected recent additions to the Arthur Upson room collection, according to Gladys G. Miller, librarian.

Constance Rourke's biography of John James Audubon, first published in 1936, is among the new books. It contains 12 reproductions of the original Audubon picture plates.

Other books added to the Upson collection include "Man of the Renaissance" by Ralph Roeder, Vincent Sheean's "Personal History," "The Last Puritan," by George Santayana and Anna Louise Strong's "I Change Worlds," a word picture of Communist Russia.

Books on poetry are "Man With a Bull-Tongue Plow" by Jesse Stuart, "Theory of Flight" by Muriel Rukeyser and Gertrude Stein's "Portraits and Prayers."

Secretary

Terrance Hanold '36L, a leading Gopher member of last year's All-University council, is now on Capitol Hill in St. Paul as secretary to the state's new Chief Justice of the Supreme Court, Henry M. Gallagher.

Brief Notes About Minnesota Alumni

12,000 Minnesotans read this department each week for news of friends of College days.

—1894—

Quoting from a letter from Elmer E. Adams '84, of Pasadena, Calif., to the Minneapolis Journal concerning George D. Dayton who was eighty years old recently and is now in Pasadena:

"Today he asked Frank A. Chamberlain and me to ride with him while he showed us some things which had interested him. First we visited acres and acres of yellow poppies well up the side of the mountain. Then he took us to see a tree which, when it was a mere sapling, a man had tied into a knot just to see what would happen . . . Mr. and Mrs. Dayton discovered this tree years ago and each year visited it to see what had developed . . . Then we went to see another tree in a rather obscure place below the Huntington Hotel . . . His many friends throughout the Northwest will be glad to know that while he has to be careful, he is much improved in health and will return to Minnesota in much better condition than when he left." (Californians do love California.)

—1888—

Bertha G. Camp '88Ex, died at Long Beach, Calif., Saturday, March 13. She was a Minneapolis resident for many years. Miss Camp is survived by two sisters, Mrs. Robert Jamison and Mrs. Clarissa Newman. Services were conducted at Long Beach.

—1899—

Mrs. Alfred L. Rest (Ada E. Smith '89), died Monday, February 22, at her home in Algona, Iowa. Mrs. Rest was 78 years old.

Following her graduation from the University, Mrs. Rest was for several years principal of the high school at Stillwater, Minn.

She was married in 1909 to Dr. A. L. Rest of Algona. She was Dr. Rest's second wife, his first wife being her sister. Mrs. Riest was a member of the library board of Algona for more than 30 years.

—1896—

Dr. '96Md and Mrs. Harry P. Ritchie, of St. Paul, are grandparents. A daughter, Jane Winter Ritchie, was born to Mr. and Mrs. Edwin W. Ritchie of St. Paul, son and daughter-in-law of Dr. and Mrs. Ritchie, recently.

Dr. W. A. Gerrish '96Md, Jamestown, N. D., president of the North Dakota State Medical association, was guest speaker at the monthly dinner meeting of the Cass County Medical society January 29.

—1901—

Dr. Frederick Andrew Kiehl '01Md, of Portland, Oregon, and Helen Pauline Schwartz were married Tuesday afternoon, March 16. Miss Schwartz is a graduate of Columbia University.

Dr. L. H. Fligman '01Md, Helena, Mont., presided at the meeting of the Montana division of the American College of Physicians held February 13 at Great Falls. A scientific program followed the dinner.

—1903—

Dean William F. Lasby '03D, of the School of Dentistry, represented the University at the annual meeting of the American Association of Dental Schools at Baltimore, Md., March 15-17. He has served on the executive committee of the association for several years and is a past president of the organization.

On his return he lectured before the district dental society in Lafayette, Ind., and visited a number of dental colleges including some in New York and Philadelphia.

Dr. Benedik Melby '03Md, of Blooming Prairie, Minn., who is new vice-president of the Steele County Medical society, is one of three alumni named to offices in that county. The others are Dr. Lyle V. Bergh '28Md, Owatonna, delegate to the Minnesota Medical society, and Dr. C. L. Farabaugh '25Md, Owatonna, alternate. Dr. Herbert Mark '29Md, of the Minnesota Tuberculosis Sanatorium at Walker, Minn., was guest speaker.

Dr. A. M. Limburg '03Md and Dr. W. G. Brown '02Md, both of Fargo, were named alternates to conventions by the Cass County Medical society.

—1904—

Judge Albert H. Enerson '04Ex, of Lamberton, Minn., has been assigned as presiding judge at the "Bank night" lottery trials conduc-

ted in Ramsey county district court, Minnesota.

—1905—

Dr. N. O. Pearce '05Md, past president of the Hennepin Medical society, was elected president of the Hennepin County Tuberculosis association at a recent meeting. Assisting officers will be Dr. Stephen H. Baxter '02Md, vice president, and Dr. William H. Aurand '01Md, re-elected secretary.

Walter H. Newton '05L, grand council member, was a principal speaker at a dinner of the Legion of Honor, Order of DeMolay at a tricity convention.

Dr. N. J. Nessa '05Md, of Sioux Falls, S. D., was named vice president of the Sioux Valley Medical association. Dr. W. H. Halloran '15Md, of Jackson, Minn., was re-elected to the board of censors.

—1906—

J. B. Torrance '06Ag, assistant professor of agricultural engineering, and A. J. Schwantes '25Ag, associate professor of agricultural engineering, upon the requests of Kittson county farmers, conducted a farm power and machinery short course at Hallock, Minn., March 23 and 24. The object of his new type of extension service was to train farmers in repairing and adjusting farm machinery for efficient operation. Much of the 2-day short course was devoted to repair work, and the two professors presented some demonstrations and speeches.

—1907—

Former Chief Justice of the Minnesota Supreme Court John P. Devaney '07L, who two weeks ago returned to his law practice, was in Chicago and Cleveland and presided over a mediation board handling negotiations between the Great Western railroad and its employes.

—1908—

Mr. '08Ex and Mrs. Arthur E. Larkin, of Minneapolis, are returning from a vacation spent on the west coast. They remained in California until after Easter.

Four boxes of dirt which Professor Harry B. Roe '08E, obtained from meadowland 40 miles north of Duluth will become the subject of a research on drainage in his laboratory. He will try to suit drainage design crops. In normal years lack of proper drainage prevents one-third of the agricultural land in Minnesota from producing crops, it is estimated.

The dirt Professor Roe will work with looks like any other dirt. But it is undisturbed field dirt which he cut after trenching around it. He built his boxes around the selected cubic yard, caulked the box with mud, cut underneath, tilted the box, nailed up the dirt and shipped it to his laboratory. In zinc-lined glass windowed boxes he will place the dirt under usual growing conditions and plant some Minnesota field crop. In each box he will place a test well so that he can observe the drainage levels.

Professor J. H. Neale has developed a formula which gave the first solution for tile drainage designed according to soil type. But this solved only half the problem, Professor Roe said. He is going to try to suit drainage design to crops.

Mr. '08Ex and Mrs. Glen M. Waters, of Minneapolis, have returned from a West Indies cruise on the Britannic. They visited Havana, Kingston, Jamaica and other Caribbean ports. On their return from New York they stopped in Cambridge, Mass., for a visit with their son, William Waters, a student at Harvard.

—1909—

Dr. Charles B. Lenont '09Md, of Virginia, Minn., and Dr. Edward N. Peterson '24Md, of the More Hospital in Eveleth, Minn., established the Lenont-Peterson clinic in Virginia on February 1. It cost between \$25,000 and \$30,000.

—1910—

Dr. E. M. Watson '70Md, of Fargo, N. D., was elected secretary-treasurer of the Cass County Medical society at a meeting held recently.

O. E. Brownell '10, of the Minnesota department of health was a member of the teaching staff for the 3-day Water Works school in the Center for Continuation Study March 15-17.

Dr. H. W. Wheeler '10Md, of St. Paul, was guest speaker at the monthly meeting of the Washington County Medical society in Stillwater February 9.

—1911—

Mr. '11Ex and Mrs. J. Vernon McCarthy, their daughter, Barbara, and their son, Tom, have returned from a two-months trip south. The McCartys visited in New Orleans with their daughter, Mrs. J. W. Tedder (Mary Catherine McCarthy) who

accompanied them to Miami Beach where they were joined by Tom McCarthy who flew to Miami from Minneapolis.

—1912—

Dr. Theodore C. Blegen '12, was principal speaker at the annual dinner of the Minnesota society D. A. R. March 10. He urged participation of the ordinance of 1787 which opened the northwest for development.

Mr. '12Ex and Mrs. Gerald R. Martin, who went to Palm Beach early in February, staying several weeks at the Breakers hotel, and who went to Nassau, have returned to Minneapolis. They spent a few days in Miami on their return.

Dr. W. H. Long '12Md, of Fargo, N. D., discussed clinical case reports at a recent gathering of the Cass County Medical society.

Mr. '12Ex and Mrs. William O. Patterson, of Minneapolis, are visiting for a month on the west coast. They will visit in Seattle where they will attend the wedding of Mr. Patterson's brother, Mr. John E. Patterson.

—1913—

Dr. T. C. Davis '13Md, of Wadena, is third vice president of the Upper Mississippi Medical society. He was named January 23 at a meeting of the group.

Mr. '13 and Mrs. Edgar F. Zelle (Lillian Nippert '15Ex), of Minneapolis, have returned from the southern climes of Honolulu and California. They visited in Oakland with their daughter, Mary Sue, a student at Mills College.

—1914—

Mr. '14 and Mrs. B. A. Webster (Catherine Leland '14), of Mason City, Ia., whose daughter, Katherine Webster, is attending the University, had their daughter home for spring vacation.

Mr. '14Ex and Mrs. Walter Noonan have returned to Minneapolis from a three-week vacation to Hot Springs, Ark.

Mr. '14Ag and Mrs. George Brandt, of St. Paul, have returned from a motor trip to Mexico.

—1915—

Ross A. Thuma '15Gr, of the St. Paul water department was a member of the faculty for the 3-day Water Works school offered at the Center for Continuation Study.

Mr. '15Ex and Mrs. W. E. Cary, of Minneapolis, who are spending a month in the south recently visited

the Bellingrath Gardens in Mobile, Ala.

Dr. '15D and Mrs. Lee A. Harker, of Minneapolis, are back from a three-week vacation to Hot Springs, Ark.

—1917—

Mr. '17Ex and Mrs. Rolf Ueland (Margaret Avery '25), were among Minneapolitans making a post-Easter trek homeward from the south. They had been spending several weeks in New Orleans and Biloxi, Miss.

—1918—

Annabelle Diehl, daughter of Dr. '18Md and Mrs. Harold Diehl, won the Camp Fire insignia for the rank of torch bearer craftsman in music at the Minneapolis city-wide council fire.

—1919—

Dr. H. S. Lippman '19Md, was one of four Minneapolis public forum speakers to participate in a panel discussion on crime at a citywide meeting recently. He is director of Amherst Wilder child guidance clinic, St. Paul.

Dr. '19Md and Mrs. Harry A. Miller, of Fairmont, Minn., have returned from Mexico. They visited in Mexico City and other points of interest.

—1920—

Dr. E. C. Johnson '20Ag, '29Gr, former associate professor in agricultural economics at University Farm, has assumed the position of chief economist for the farm credit association in Washington, D. C.

Dr. Johnson will direct the research program of the FCA and will coordinate the work of statisticians in the 12 FCA districts.

From 1923 to 1925 Dr. Johnson was an instructor in the department of agricultural economics at the University of Kentucky. From November, 1933 to July, 1935 he was on a leave of absence to serve as vice president of the Production credit corporation in St. Paul.

Oliver W. Guilbert '20P, has opened up his own prescription pharmacy in the U. S. Grant hotel in San Diego, Calif. His address is 1030 Fourth avenue. He would like to see any Minnesota graduates out there.

Dr. J. Arthur Myers '20Md, has continued the heavy schedule he maintained this winter. At Fargo he spoke before the Fargo Anti-Tuberculosis association on February 5. February 8 he addressed the Minneapolis

Y.M.C.A. and on February 9 the Tenth District Nurses' association at the Sacred Heart hospital in Eau Claire, Wis., speaking to the Chippewa County Medical society in Chippewa Falls, Wis., that evening. He was principal speaker February 22 at the combined meeting of the Colorado Tuberculosis association and the Denver Sanatorium association at the Denver University club. On February 24 he spoke before the scientific forum of the Minneapolis Public library on "The Breath of Life."

Dr. Myron O. Henry '20Md, instructor in orthopedic surgery at the University and Health Service physician, and Mrs. Henry are back from a winter cruise in the Caribbean. They cruised aboard the Kung-solm.

—1921—

Alva W. Merritt '21E, sales engineer with the Public Service company of Northern Illinois at Joliet, was recently elected president of the Lions Club of Joliet. He was also elected a member of the board of directors of the Joliet Y.M.C.A. in January.

Dr. Robert G. Green '21Md, professor of bacteriology at the University, attended the second National Game conference held a short time ago in St. Louis. The conference was conducted by the National Institute of Wild Life.

Dr. Robert C. Murdy '21Md, of Aberdeen, S. D., was elected a delegate from the Aberdeen District Medical society to represent the organization at various medical conventions.

—1922—

Dr. Arnold F. Hinrichs '22Ag, 34Gr, head of the Department of Agricultural Economics at Rhode Island since November, 1936, died recently. He was a classmate of Victor Christgau, WPA administrator in Minnesota, in the School of Agriculture from which he graduated in 1917.

Dr. Hinrichs came to the School of Agriculture from his home in Goodhue county, Minnesota, and then graduated from the College of Agriculture. For a year following his graduation in 1922 he taught in the Smith-Hughes department in the Austin, Minn., high school. He was then awarded an International Educational Board fellowship and spent 18 months at the University of Berlin and the Berlin Agricultural College.



MARIE SHAVER '30

Returning to the United States in the spring of 1925, he entered the graduate school at the University of Minnesota. Serving as part-time assistant in the Division of Agricultural Economics while doing his graduate work, he was appointed an instructor in July, 1927, and continued in that position until July, 1929. He then became associate professor in the Department of Farm Management at Purdue University until the spring of 1936. Taking a leave of absence to work on the WPA national research project on "Re-employment Opportunities and Recent Changes in Industrial Techniques," he continued there until November when he went to Rhode Island.

Dr. Arthur N. Wilcox '22Gr, assistant professor of horticulture at University farm, spoke to junior college students at Rochester on plant breeding March 18. He addressed the Goodhue County Horticulture society on English gardens the evening of the same day, also in Russia.

—1923—

Born to Dr. '23D and Mrs. William H. Crawford (Jane Stanton Ford '30), a daughter, Penelope, on January 5.

Dr. '23Mr and Mrs. Ralph H. Creighton, left early in April for a motor trip through the south. They visited New Orleans, Pensacola, Fla., and Atlanta, Ga.

—1925—

Mr. '25M and Mrs. Alva J. Haley and their sons, John and Bruce, of Valparaiso, Chile, who are spending

some time in the United States after living for seven years in Valparaiso, were guests of Mr. Haley's parents, Mr. and Mrs. Justice U. Haley of St. Paul, and Mrs. Haley's sister, Mrs. R. B. McKibbin in Philadelphia.

Dr. A. A. Dowell '25Gr, '30Gr, superintendent of the Northwest School of Agriculture at Crookston, has joined the faculty at University farm as associate professor of agricultural economics with the opening of spring quarter.

He succeeds Dr. E. C. Johnson '20Ag, '29Gr, who has been made chief economist for the farm credit administration.

Graduating from Iowa State college in 1915, Dr. Dowell joined the Minnesota department of agriculture in 1922 as an animal husbandry specialist in the extension division. He was transferred to Crookston in 1927 as school superintendent and director of the experiment station. In 1933-34 he was given a leave of absence to study livestock marketing for the United States department of agriculture.

Dr. Hamlin Mattson '25Md, will be in charge of the hand infections exhibition for the Congress of Allied Professions and a Northwest Industrial Medical conference featured at the meeting of the Minnesota State Medical association May 2 and 3. Dr. Frank E. Burch '97Md, of St. Paul, will have charge of the otolaryngological exhibition.

—1926—

Dr. Frank Woodford Stevenson '26Ex, of Rapid City, S. D., and Esther Arndt were married Saturday, March 5, in Minneapolis. Leaving for a three weeks trip in the south, Dr. and Mrs. Stevenson will make their home in Rapid City after April 1.

Dr. Stevenson graduated from Rush Medical college, Chicago, in 1919. Mrs. Stevenson is a graduate of Valparaiso University at Valparaiso, Ind.

—1927—

Dr. John C. Vezina '27Md, of Mapleton, Minn., is new vice president of the Blue Earth County Medical society.

—1929—

Alice McGrath '29Ed, 26, died March 7. She died in St. Mary's hospital, Minneapolis, after a brief illness.

Miss McGrath, a social worker, did social service work for Hull House

and the Michael Rees hospital in Chicago after graduation. Returning to Minneapolis she was a field worker for the Children's Protective society. For some time she was supervisor of relief at the south side office in Minneapolis, and later was personnel director of the federal works project study of consumer's purchases.

She was a member of the Phi Mu sorority and of the Newman club at the University. She was also a member of the American Association of Social Service Workers.

Surviving are her parents, three sisters and a brother. Interment was made in St. Mary's cemetery.

—1930—

Bronko Nagurski '30Ed, Minnesota All-American, and his bride, the former Eileen Kane '36, have returned from their honeymoon spent in Texas and California. They will spend the summer on Rainy Lake. Mrs. Nagurski is a niece of Dr. Robert G. Green, professor in the Medical School.

Marie Shaver '30, director of the American Youth Foundation, had a postman's holiday this Easter, visiting New York, Boston, Washington, D. C., and Philadelphia in the interests of the youth organization . . . but she did stop with Josephine Brown at Ridgewood, N. J. for a few days. She headquarters in St. Louis.

—1931—

Harold L. Holden '31B, who has been associated with the printing business in Minneapolis for the past decade, was named to the firm of H. L. Collins company, printers, at the annual meeting of the company's stockholders, March 16.

Mr. Holden became associated with Mr. Collins in 1933 and was named an officer of the firm at that time. He attended grade and high school at Aitkin, Minn. Active in campus publication work at the University, he was business manager of the Minnesota Daily his senior year.

—1932—

Bessie M. Hawk '32, and A. Mills Dewell were married March 12 at Hennepin Avenue Methodist church. Five friends of the bride, Mrs. O. J. Finstad, Mrs. A. Owen Whiteside, Mary Monahan, Marion Miller '31Ed, and Marjorie Hanstad assisted at the reception. Another friend, Bernadine Courtney Johnston '31, played the nuptial music.



HAROLD HOLDEN '31

Mr. and Mrs. Dewell motored directly to Aberdeen, S. D., where they are at home in the Denison apartments.

Strand Hilleboe '32, advertising manager of the Yankton, S. D., Press and Dakotan, was a mid-February visitor to Minneapolis and stopped on the campus during his stay.

John G. Darley '32Gr, General college research counselor, returned with Prof. E. G. Williamson '31Gr, director of the University testing bureau, from New Orleans where they had been attending the meeting of the American Council of Guidance and Personnel associations.

—1933—

Harry Carlson '33E and Irene Sholl, who were married at Concordia Lutheran church November 24 are at home at 216 West King street, Winona. Mr. Carlson is head of the U. S. Engineers' concrete laboratory at Fountain City, Wis. He would appreciate a word from '33 engineers.

Mrs. John G. MacKay (Rhoda Pierce '33), of Jackson Heights, L. I., has returned to the Twin Cities after spending a week with Mr. MacKay '33Ex, in Detroit. Mr. MacKay went on to Hollywood. Mrs. MacKay is visiting her parents, Mr. and Mrs. E. B. Pierce.

Mrs. Lewis O. Carlson (Harriet Gilkerson '33DH), of Boston, is visiting her mother in Minneapolis, and called on Gamma Phi Beta sorority sisters. Early this month Mr. Carlson '35 joined her in the Twin Cities, and with him came his sister, Mrs. A. J. Frank (Virginia Carlson) who

also makes her home in Boston. She is a member of Kappa Alpha Theta sorority.

—1934—

The engagement of Vivian MacAdams '34Ed, to Paul F. King of Milwaukee was announced by Miss MacAdams' father, P. J. MacAdams of Pine City, Minn. Mr. King was graduated from the University of Wisconsin and is a member of Sigma Phi fraternity. Miss MacAdams has been teaching in Coleraine, Minn.

—1935—

Janet Barbara Poore '35, and Durand W. Maher '34Ex, will be married Monday, April 12, at the St. Clement's Memorial Episcopal church, St. Paul. After their marriage a reception will be held at the St. Paul University club.

Lois Swanstrom '35Ag, Delta Zeta, was married March 25 to Jack Bon-ton Hirschmann of Boston, Mass.

Mrs. Robert R. Andrews (Janet Van De Water '35Ex), of Minneapolis is in St. Louis, Mo., where she is visiting her aunt, Mrs. Ewald C. Smith, and her cousin, Mrs. E. Courtney Smith (Eleanor Belden '36Ex). She expects to be away several weeks.

Bette E. Brenchley '35GC and Glenn Roy Latimer will "middle aisle" it April 15 in Park Avenue Congregational church, Minneapolis.

Anne Gilbertson '35B and Dr. Thomas Kenyon '35Md, were married March 20 in University Lutheran Church of Hope.

June Rademacher '35DH, was named vice president of the Minnesota Dental Hygienists association at the Minnesota State Dental association convention.

—1936—

Wilber H. Schilling, Jr. '36, of New York City, was visited by his parents, Mr. and Mrs. Wilber H. Schilling, Sr., of Minneapolis, for a few days before they sailed February 17 on the Aquitania for a 40-day cruise in South America.

Dr. Anthony S. Stephan '36Gr, and Margaret Shaffer, of St. Paul, were married Saturday evening, March 13, in the Elizabeth chapel of the House of Hope Presbyterian church, St. Paul. Dr. Edwin Kagin of Macalester College read the service. Dr. and Mrs. Stephan are making their home at 535 Marshall avenue, St. Paul. Dr. Stephan was a former instructor in sociology at the University of Minnesota.

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Her **FIRST** Telephone Call

A BRAND-NEW CUSTOMER used the telephone this morning. Betty Sue called up that nice little girl around the corner.

Every day, hundreds of Betty Sues speak their first sentences into the telephone. Just little folks, with casual, friendly greetings to each other. Yet their calls are handled as quickly and efficiently as if they concerned the most important affairs of Mother and Daddy. For there is no distinction

in telephone service. Its benefits are available to all — old and young, rich and poor alike. To Betty Sue, the telephone may some day become commonplace. But it is never that to the workers in the Bell System.

There is constant, never-ending search for ways to improve the speed, clarity and efficiency of your telephone calls . . . to provide the most service, and the best, at the lowest possible cost.



BELL TELEPHONE SYSTEM

**HIS WIFE WAS ILL.
HE WAS RUSHING TO
HER...WHEN BANG!
...A BLOW-OUT!**



REX BEACH
well-known author

**Read REX BEACH'S thrilling
True Story of the man who is
living on "Borrowed Time"**



"The car leaped out of control like a wildcat—just missed a telephone pole."

"**H**URRY! Your wife is ill!" Constable Stilling leaped into his car—'20—25—30—35—40' read the speedometer. It was nine-thirty at night. There was no time to spare. 'Faster! Faster!' And then—without warning—**BANG!** A blow-out! The car leaped out of control like a wildcat—swerved to the left—just missed crashing headlong into a telephone pole!

Escaped By Inches

Yes, Constable Stilling, of Philadelphia, came within an inch of never reaching his home. But Lady Luck smiled that night—and the extent of his injury was a wrenched shoulder. Some miracle had saved him. As he, himself, says: "I feel now that I am living on 'borrowed time.'"

Altogether too often, screaming headlines carry tales of disaster wrought by blow-outs. From reliable sources I have been told that thousands are killed or injured when blow-outs throw cars out of control. And small wonder.

Just stop to consider what happens to your tires when you're skimming over the pavements at 50, 60 miles an hour.

Naturally the heat generated is terrific, and you're totally unaware of it because the trouble begins *inside* the tire. A tiny invisible blister may form between the rubber and the fabric. Just a little thing to begin with, this blister keeps getting

bigger and BIGGER and the worst part is that you don't know it's there until **BANG!** And then it may be too late.

It's a fact that engineers are doing everything in their power to make driving safe. But it seems to me that as far as tires are concerned, the greatest single contribution has been from Goodrich engineers. They have developed a real blow-out protection called the Golden Ply, found *only* in Goodrich Silvertown Tires.

It is a layer of special rubber and full-floating cords, scientifically treated to resist internal tire heat. You can easily see what this means. Blisters don't get a chance to form between the rubber and fabric inside your tires... and that means blow-outs due to this heat don't get started.

That's certainly one protection everyone should invest in—especially when Silvertowns, I am told, are priced lower than many other super-quality tires.

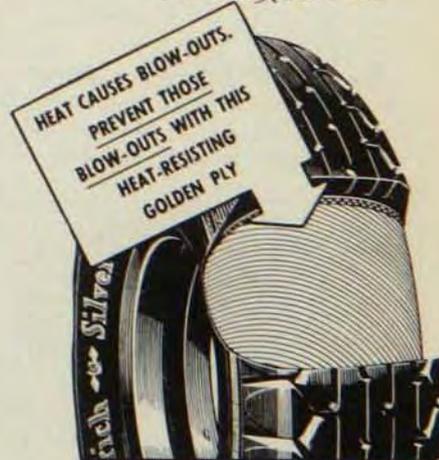
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afterward



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Score one point for every correct answer. A graduate ten years out of college should get ten answers right. Answers appear on Page VII. of rear advertising section. Write in your score on coupon facing Page VII.

QUESTIONS

- Where do immigrants first land on arriving in New York Harbor?
- What governor of what state attained national prominence as the result of a police strike in the state capital?
- What style of writing did the early Babylonians use?
- What is coral?
- In America, what corresponds to the "hire-purchase" system of England?
- What is the name of the drops which oculists use to enlarge the pupil of the eye?
- For what popular saying is Dr. Emil Coué responsible?
- Who is referred to by the expression "Tommy Atkins"?
- In what state is each of the following: (a) Amherst College, (b) Dartmouth College, (c) Drake University, (d) Leland Stanford, Jr. University, (e) Centre College?
- What is a paynim?
- Who is responsible for the phrase: "Open covenants openly arrived at"?
- What British essayist and novelist was famous for his many paradoxes?
- What is the purpose of a Binet-Simon test?
- A ride on what winged steed is reputed to give inspiration to poets?
- What product is advertised by the slogan: "Chases dirt"?
- What Chicago lawyer was counsel for John Thomas Scopes in the Tennessee evolution case at Dayton?
- For what words do the initials "e.g." stand?
- What is the Latin derivation of the word Fascism?
- What is meant by "The Old Lady of Threadneedle Street"?
- What is a bitter?
- From what is linen made?
- What slang name was given to cattle thieves in the early days of the American west?
- What was Woodrow Wilson's vocation before he became Governor of New Jersey?
- What is a "common carrier"?
- What product is advertised by the slogan: "It floats"?

Answers to this Quiz are on Page VII. of Rear Advertising Section. Please write your score on coupon facing Page VII. and mail today.

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AUTOMATIC HEATING, COOLING
AND CONDITIONING OF AIR

The Minnesota Alumni Weekly

The Official Publication of Minnesota Alumni

VOLUME 36

MINNEAPOLIS, MINNESOTA, APRIL 10, 1937

NUMBER 26

House Committee Approves Building Requests

WITH the end of the session near the state legislature has yet to act on the requests of the University for the coming biennium. Last week the appropriations committee of the House approved the building program which will give the campus four new buildings. These will include two on the Farm campus, an agronomy building and a new home for the Division of Forestry, and two on the main campus, a School of Business Administration building and new quarters for the state department of health. The state health department now occupies space in the psychology building. In their statement of needs presented to the legislature at the opening of the session the Regents had asked for funds to erect a general classroom building.

In 1929 the legislature approved a building program for the University which would give the institution \$300,000 a year for ten years for new structures but this plan was temporarily dropped in 1933.

The present agronomy building at University Farm is 50 years old and is wholly inadequate to the needs of that department. For several years students and alumni have been campaigning for a new home for the Business school and the need has been voiced to the legislature at previous sessions. There is not nearly enough classroom space in the present building to accommodate the large number of students and classes and the students in several business courses are compelled to meet in rooms in other campus buildings which are also worked beyond their true capacity.

From the standpoint of educational rating and activity, Minnesota has one of the outstanding schools of forestry in the country but it really might be listed as a major school without a building. The enrollment has increased to a

relatively high figure but the facilities are the same as those which were available when the student body was one-tenth the size of what it is at the present time. A new building to house the forestry division would also include quarters for the Lake States Experiment Station of the department of agriculture.

The final action on the building requests and on the other requested appropriations for general maintenance and special projects will be made by the legislature during the busy and hectic hours of the last few days of the session.

BIENNIAL NEEDS

In their statement of needs the Regents asked the legislature to appropriate a general maintenance fund of \$4,000,000 for each year of the biennium which starts on July 1. The state budget commissioner cut this figure to \$6,500,000 for the two years but the sum was returned to approximately the original amount in the bill sponsored by Representatives George MacKinnon and Roy Wier and Senator Burt Kingsley.

Special appropriations also were requested for various projects including the Graduate School of Social Welfare, general research, and the newly-completed Psychopathic Hospital. During the past two-year period the state provided \$3,393,954 per annum for University maintenance.

In their statement of the needs of the University for the coming biennium the Regents pointed out that the collegiate student enrollment has increased 75 per cent since 1921 whereas the state appropriations have actually decreased. The amount available per student has declined from \$331.66 in 1921 to \$185.38 at present. It is probable also that there will be still further increases

in the enrollment during the coming biennium.

Income available to the University from miscellaneous sources—principal of which are student fees and a one-fourth mill property levy—totals \$5,564,000 for the biennium. The estimated requirements for 1937-39 reached \$13,564,000, or an additional \$8,000,000 which would have to be met by legislative appropriation.

Federal funds for research purposes will reach \$1,338,710 during the biennium and will be entirely exhausted by the estimated salary and equipment needs. Federal money is made available for special purposes, and the projects conducted with it are not part of the general maintenance request.

Special appropriations were requested for 16 projects and services which the University conducts. At the last legislative session, no appropriations were made for the Graduate School of Social Welfare, general research, and the newly completed Psychopathic hospital.

Other special activities for which funds were asked were agricultural extension work, county extension agencies, soils experiments and demonstrations, soils survey and field experiments, dairy manufacturing, livestock sanitary board laboratory, crop breeding and testing, beneficiation of manganiferous ores, direct process beneficiation of low grade ores, research on cast iron pavement, medical research, Institute of Child Welfare, and the Minnesota General hospital.

In requesting the School of Business Administration building at an estimated cost of \$400,000 the Regents pointed out that approximately one-sixth of the total University enrollment carries courses in this division. The inadequacy of classroom, office and laboratory space was stressed.

From New York To Honolulu

THIS week brings news of the activities of two of Minnesota's most widely separated alumni clubs, the one in Honolulu, Hawaii, and the other in New York City. At the dinner meeting of alumni and former students of the University in Honolulu, Dr. Royal N. Chapman '14, was elected president. He is Dean of the Graduate School of Tropical Forestry of the University of Hawaii and is also Director of the experiment station maintained by the Association of Hawaiian Pineapple Canners. Before going to Hawaii in 1930, Dr. Chapman was professor of entomology and economic zoology at the University of Minnesota.

Among the guests of the club at the dinner were Dr. H. K. Hayes, chief of the division of agronomy and plant genetics at University Farm, and Mrs. Hayes, who were returning from China, Mr. and Mrs. Norman Newhall, and Mr. and Mrs. (Lillian Nippert) Edgar F. Zelle, who were visiting in Hawaii.

Others present were Dr. and Mrs. Walter Carter, Mr. and Mrs. John Catton, Dr. and Mrs. Royal N. Chapman, Dr. and Mrs. U. K. Das, Mr. and Mrs. Donald Darrow, Mr. and Mrs. Horlings, Dr. and Mrs. H. J. Lyon, Mr. Gregg Sinclair and Dr. and Mrs. Beaumont.

RETURNS FROM CHINA

During the past year Dr. Hayes has been directing research programs in agronomy and plant genetics for the Chinese government while on a leave of absence from the University. Dr. Hayes told the assembled alumni of his most interesting trip to China and commented on the very cordial and hospitable treatment accorded his family during their stay in that country.

Mr. Zelle, a former president of the General Alumni Association, and now an honorary member of the Board of Directors, discussed the activities of the organization and told of recent developments on the campus. Mrs. Zelle and Norman Newhall also spoke briefly.

The Minnesota Alumni Club of New York City will hold its annual banquet on the evening of Wednesday, April 21 at the Hotel McAlpin, 34th and Broadway. There will be a reception at seven o'clock with the

dining to start promptly at 7:30. Following the dinner program there will be dancing in the ballroom. Judging from the interest in the meeting it is estimated that as many as 400 Minnesotans who live in New York City and vicinity will be present.

Tickets for the occasion will be three dollars per person for all guests with the exception of those who have received their degrees since 1930. The members of the more recent classes will be charged only \$2.50 for their tickets. Reservations should be made as soon as possible with Samuel S. Paquin, treasurer of the club, 235 East 45th Street, New York City.

NEW YORK PROGRAM

The arrangements for the event are being made by the Board of Governors, a special banquet committee, and a group consisting of representatives from all classes back as far as 1890. Arthur O. Lampland '30B, is chairman of the banquet committee which is completing the plans for the general program.

The principal speaker of the evening will be Alumni Secretary E. B. Pierce. In addition to his discussion of University and alumni affairs he will show a series of slides featuring campus views and personalities.

All Minnesotans who live in the New York area or who will be in the city at the time of the banquet are cordially invited to attend.

WASHINGTON

On April 22, Alumni Secretary Pierce will speak at a meeting of the Minnesota Alumni Club in Washington, D. C. Plans for this event are being made by John McGovern, president of the club, and Erling Saxhaug, secretary. On April 13, Mr. Pierce will speak at an alumni gathering in Ely. There were meetings at Olivia on March 29 and at Worthington on April 1 at which Mr. Pierce was present.

At a recent meeting the officers of the alumni unit at Little Falls were re-elected for another year of service. The officers are: Paul S. Gillespie '17, president; R. K. Carnes '94L,



GREGG SINCLAIR '12

Among those present at the recent meeting of Minnesotans in Honolulu was Mr. Sinclair who is Director of the Institute of Oriental Studies of the University of Hawaii.

vice president; Dr. John Simons '30Md, vice president; L. Frederick Martin '30B, secretary; Louise Kiewel '30B, treasurer, and Senator Frederick J. Miller '12L, and Dr. Clifford J. Olsen '29D, members of the executive committee.

The following alumni were present at the Little Falls meeting: Dr. John B. Holst '95Md, Louis W. Vasaly '00L, Dr. C. F. Holst '01Md, Henry Werner '12Ag, Dr. Albert E. Amundsen '12Md, Loiel S. Ryan '13CE, Dr. Chester H. Longley '15D, Bernard F. Eveslage '16Ed, Paul S. Gillespie '17, Mrs. P. S. Gillespie (Helen Dale '19), Earl C. Van Dusen '25Gr, Austin L. Grimes '25L, Leona F. Helundrung '25Ed, Herbert L. Martin '25Ex, E. Keith Tanner '25Ex, Austin G. Engel '25, Dr. Edward L. Altendorf '26D.

Mrs. H. L. Martin (Hazel Grove '27Ed), Charles A. Fortier '27L, Dr. R. J. Stein '27Md, Maurice R. Warble '28, Alice Skoglund '28Ed, Dr. Clifford J. Olsen '29D, Dr. George M. A. Fortier '29Md, F. R. Reutermin '29M, L. Frederick Martin '30B, R. Grace Rowell '30Gr, Louise Kiewel '30B, Melba Wiley '31Ed, Mrs. L. F. Martin (Ruth E. Wilson '32Ed), Gordon Guy '33, Lowell D. Smoots '35Ex, James K. Michie '36Gr, Clyde L. Smith '36Ed, and Carl Billstein '39Ex.

Minnesota Seniors of 1912

ON JUNE 14 when the 1600 members of the class of 1937 get their diplomas at the annual Commencement exercises in Memorial Stadium several hundred members of former Minnesota classes will return to the campus for their quinquennial reunions. The five-year classes from 1877 to 1932 will hold reunion luncheons on the campus and all alumni visitors will attend the annual Alumni Day dinner in the main ballroom of the Minnesota on the evening preceding Commencement exercises.

The members of the Reunion committee of the twenty-five year group, the class of 1912, together with Alumni Secretary E. B. Pierce, are already working on the plans for the general Alumni Day program. It is traditional that a committee from the twenty-five year class be in charge of the arrangements for the annual occasion. At the first meeting of the group in March, Stanley S. Gillam, prominent Minneapolis attorney, was elected chairman of the committee.

The next meeting will be held in the Minnesota Union on the evening of April 17.

FIRST REUNION

The event this June will be the first reunion for the members of the class of 1932. The members of the class of 1877 have held annual reunions for several years and Alumni Day this year will mark the sixtieth anniversary of their graduation from the University of Minnesota. The two remaining members of this class, Mrs. Matilda Campbell Wilkin of Minneapolis and A. M. Welles of Northfield, will be among the guests of honor at the Alumni Dinner.

The members of the class of 1912 Reunion committee are listed below. It is possible that new members will be added as plans for the Alumni Day activities are worked out.

Mark Fraser, lawyer, New York City. Mr. Fraser is president of the class of 1912.

Theodore C. Blegen, superintendent, Minnesota Historical Society, St. Paul, and associate professor of history, University of Minnesota.

Elizabeth Bulkley Braden, investigator, division of public relief, Minneapolis.

Edward Dean Coventry, sales manager, Federal Hardware and Implement Mutuals, 2344 Nicollet Avenue, Minneapolis.

Mrs. Charles W. Dexter (Jean Cossette Drew), housewife, 123 Bedford Street, Southeast, Minneapolis.

Alice FitzGerald Drechsler, teacher, Central High School, Minneapolis.

Mrs. J. G. Fogarty (Hazel Belle Emerson, housewife, 3248 Colfax Avenue South, Minneapolis.

James M. Ford, 1518 Nicollet Avenue, Minneapolis.

LAWYERS

Leonard Frank, member Leonard Frank company, potato chip manufacturers, 2408 Territorial Road, St. Paul.

Stanley Sloane Gillam, lawyer, 819 Metropolitan Bank building, Minneapolis.

Mrs. Louis M. Hahn (Gladys Leonard), housewife, 4921 Dupont Avenue South, Minneapolis.

Mrs. Edwin A. Hendricks (Louise Dedolph), housewife, 1822 Third Street South, Minneapolis.

Mrs. H. Christian G. Hjortaa (Olga Bertha Skonnord), housewife, 2614 Longfellow Avenue, Minneapolis.

Milton Irwin, contractor, 1406 W. Lake Street, Minneapolis.

O. B. Jesness, professor, agricultural economics, University of Minnesota.

Dr. Bert H. Kerr, dentist, 3809 42nd Avenue South, Minneapolis.

Rita D. MacMullan, social worker, 4119 Wentworth Avenue, Minneapolis.

Arthur L. Markve, assistant county attorney, Minneapolis.

Dr. Thomas J. Mee, dentist, 4316 Upton Avenue South, Minneapolis.

L. C. Irma Meili, teacher, Central High School, Minneapolis.

Judge Gunnar H. Nordbye, judge, U. S. District Court, Minneapolis.

Frank W. Peck, director, agricultural extension service and vice-director, agricultural experiment station, University Farm, University of Minnesota.

Amy R. A. Pellatt, clerk, office, Register of Deeds, Minneapolis.

Justice Harry H. Peterson, justice, state supreme court, St. Paul.



FRANK W. PECK '12

Mellie R. Phillips, secretary, general extension division, University of Minnesota.

Otto Ramstad, teacher, Humboldt High School, St. Paul.

Mary Carolyn Schwarg, private nursing, 2836 Park Avenue, Minneapolis.

Mrs. Randolph L. Siehl (Julia Irene O'Brien), housewife, 30 Finn Avenue South, St. Paul.

Theodore W. Freeman, credit manager, Pako corporation, 1004-06 Lyndale Avenue North, Minneapolis.

Mrs. J. Lynn Nash (Josephine Scott Crary), housewife, 4505 Abbott Avenue South, Minneapolis.

BUSINESS

Henry Arno Daum, circulation manager, *The Farmer*, Webb Publishing company, 55 East Tenth Street, St. Paul.

Allen S. Crawford, circulation manager, *The Farmer's Wife*, Webb Publishing company, 55 East Tenth Street, St. Paul.

Charles Lilly Horn, president, Federal Cartridge corporation, 2300 Foshay Tower, Minneapolis; president, Arrow Head Steel Products company, 2304 Foshay Tower, Minneapolis.

Dr. William C. Naegeli, dentist, 1501 Glenwood Avenue, Minneapolis.

Matthias N. Orfield, assistant attorney general, State of Minnesota, St. Paul.

Coaches Seek Replacements

WITH more snow than poetry in the spring air in Minnesota last week the Golden Gophers of the gridiron opened their spring practice drills in the Field House. While waiting for Northrop Field to shed the snows of winter the 105 members of the football battalion shared the big building with the baseball players, the track athletes and the tennis team.

During the first week of practice there was much shifting of men from position to position as Bernie Bierman sought new strength for the posts which will be weakened through graduation of such stalwarts as Edwin Widseth, tackle; Charles Wilkinson, quarterback; Earl Svendsen, center; Ray Antil, end; Whitman Rork, fullback and Julie Alfonse, halfback. Dependable reserves on the squads of the past three campaigns who will not be available for another year are Dominic Krezowski, Clarence Thompson, Frank Barle, Dale Hanson, Frank Warner, Harvey Ring, Sam Hunt, Bruce Berryman and Stan Hanson.

Seniors

Four of this group of seniors were ends on Minnesota's recent national championship teams. Another first-string wingman, Dwight Reed of St. Paul, has dropped out of school this spring quarter and may not be eligible for competition next fall. Thus, Captain Ray King of Duluth and Bob Carlson of Minneapolis are the only two veteran ends left on the squad.

Russ Wile who did not report for football last fall after winning his letter at end in 1935 is back in uniform this spring and will be a leading candidate for a position in the line. He may not be at end however for last week he was shifted to guard in the opening workouts. John Mariucci, freshman from Eveleth, figured in another shift when he was moved from quarterback to end at the beginning of the spring drills.

With such powerful fullbacks on hand as Larry Buhler, Vic Spadaccini, Marty Christianson and George Smith, two other candidates for that post, Ray Strate and Phil Belfiori, have been moved to other positions. Strate is being given a trial at end and Belfiori at center.

On the first day of practice the entire squad was divided into five groups with the letterman from last year scattered through the first three groups. This was merely a tentative grouping of course and there have been many changes from squad to squad as the practice has progressed.

No. 1 Squad

Ends—Earl Ohlgren, Cokato; Ken Dollarhide, Chicago; Mike Milosevich, South St. Paul; Tackles—Lou Midler, St. Paul; Bob Johnson, Anoka; Warren Kilbourne, St. Paul; Guards—Bob Weld, Minneapolis, Horace Bell, Akron, Ohio; Charles Schultz, St. Paul; Allen Rork, Eau Claire, Wis.; Centers—Dan Elmer, Minneapolis; Phil Belfiori, Buhl; Hilding Mattson, Bovey; Quarterbacks—Dick Peterson, Minneapolis; Harvey Struthers, Minneapolis; Half backs—Bill Matheny, Anoka; Wilbur Moore, Austin; Fullbacks—Larry Buhler, Windom; Vic Spadaccini, Keewatin.

No. 2 Squad

Ends—John Mariucci, Eveleth; George Nash and Melvin Ericson, Minneapolis; tackles—Bob Hoel and Marvin LeVoir, Minneapolis; guards—Helge Pukema, Duluth, Ed Kafka, Antigo, Wis., Kenneth Filbert, Minneapolis, Francis Twedell, Austin; centers—John Kulbitski, Virginia; Mark Moore, Minneapolis; quarterbacks—George Faust, Minneapolis; Jack McCormick, Bemidji; halfbacks—Ray Bates, Rudy Gmitro, Minneapolis; Harold von Every, Minnetonka Beach; fullbacks—Martin Christiansen, Minneapolis; George Smith, Faribault.

Reserves

No. 3 Squad

Ends—Oscar Anderson, Austin; Bob Carlson, Minneapolis; Ray Strate, Minneapolis; tackles—Eldred Miller, Hutchinson; Cyrus Johnson, Winona; Win Pederson, Minneapolis; guards—Joe Jabbra, Mankato; Sam Riley, L'Anse, Mich.; Burton Storm, Willmar; Ed Bannon, Milwaukee; centers—Elmer Wilke, St. Paul; Robert Kelliner, Stillwater; quarterbacks—George Gould, St. Paul; Bill Gilchrist, Minneapolis; halfbacks—George Frank, Davenport, Iowa; Harold Wrightson, St. Paul; Dick



FRANK McCORMICK

Myers, Mahtomedi; Sylvester Maiden, Elyria, Ohio; fullbacks—Martin Falk, Minneapolis; Vincent Lundeen, Minneapolis.

Newcomers

No. 4 Squad

Ends—Charles Brown, Olivia; Robert Larson, Rockford, Ill.; Ray Fitch, St. Paul; Clarence Lilevjen, Appleton, Wis.; tackles—Morton Safran, Minneapolis; Andrew Lundberg, St. Paul; Dick Danowski, Bemidji; guards—Jim Lund, Stillwater; Fred Crewing, St. Paul; Russ Wile, Minneapolis; Bob Lund, Minneapolis; centers—George Swenson, Owatonna; Roger Keller, Albert Lea; quarterbacks—Ed Schearer, Minneapolis; halfbacks—Lloyd Parsons, Clark Taube, Minneapolis; Richard Renner, Springfield; fullbacks—Clarence Johnson and Earl Martin.

No. 5 Squad

Ends—Ed Deal, West Liberty, Iowa; Everett Derenthal, Austin; Mark Talbot, Minneapolis; tackles—Howard Parkinson, St. Paul; Ed Stein, St. Paul; Iva School; guards—Leslie Appman, Rice, Minn.; William Bernhardt, Lake City; Kent Rogstad, Detroit Lakes; centers—Phil Teeter, Minneapolis; William Schaefer, Alexandria; quarterbacks—Harold Anderson, Wadena; Willard Erie, Faribault; Ted Wojcik, St. Paul; Charles Myre, Albert Lea; fullbacks—Glen Tews, Waseca; Lloyd Everson, Grafton, N. D.

Engineers' Day Program Is Announced

DON'T look now . . . but there are the Engineers busy surveying the campus again. Each spring these student surveyors come out with the first robin and their appearance with their equipment is a fairly sure sign that the winter is over.

To one unacquainted with the general curriculum of the Engineers this might appear to be one of those publicity dodges, for along with these surveying maneuvers comes the announcement of the plans for the annual Engineers' Day program. This year the date is April 16.

And when the subject of publicity is mentioned in connection with Engineers' Day, many alumni will recall that the famous Blarney stone used in the St. Pat knighting ceremonies annually claimed an important place in the news preceding the day of the big parade. Year after year for several student generations this stone was reported stolen and ground to powder by a group of raiders identified as Miners. But each spring the Blarney stone showed up again as good as new and once more made the headlines.

Now however the Engineers and the Miners are members of one big happy family in the Institute of Technology and the old feud is ended. And the Blarney stone is just another piece of rock so far as any chance for adventure is concerned. The placing of the College of Engineering, the School of Chemistry and the School of Mines in one division may have been a fine thing for the University but it was sure tough on the Engineer's Day publicity chairman.

Senior Program

And now the time of year has come for the seniors to start making plans for the various activities which are a part of the annual graduation program. The sale of Commencement announcements will open Tuesday in the customary booth on the post office floor of the administration building under the supervision of a committee headed by Arthur Banister. Calman Kish will be in charge of the sales on the main campus while Lucie deMars will handle the

business end on the campus at University Farm.

In May the seniors will march in the traditional Cap and Gown Day parade across the campus. The Baccalaureate service will be held in Northrop Memorial auditorium on June 13 and the Commencement program in Memorial Stadium on Monday evening, June 14. The senior prom will head the list of social events which will hold the attention of the potential graduates during the final weeks of their careers on the campus. And of course there will also be the matter of term papers, reports and final examinations.

Not so many years ago there were other activities which demanded the time of the seniors during the spring quarter. There was the class play in which the future stars of the stage trod the boards in their farewell appearances as campus Barrymores and Cornells. And in an earlier day when the classes were not so large as they are at the present there were class histories to be written, class prophesies, and other entertaining efforts of that nature.

Honored

Dean W. F. Lasby, head of the School of Dentistry, last week was elected vice president of the supreme chapter of Omicron Kappa Upsilon,



DEAN W. F. LASBY '04

At Baltimore last week Dean Lasby was named an official of national honorary dental fraternity.

national honorary dental fraternity at its convention held in Baltimore.

As past president of the American Association of Dental Schools, Dean Lasby was also one of the three representatives of the University at the international meeting held in Baltimore the same week. Other staff members who attended were Dr. P. J. Brekhus, professor of dentistry, and Dr. C. R. Baker, dentistry instructor.

The association, representing delegates from 39 American dental institutions and five Canadian universities, accepted the invitation extended by the University to hold its next annual convention in Minneapolis in March, 1938.

Peace Conference

Held on the campus this past week was the conference on peace and war in which students, faculty and outside visitors took part. The program included a series of lectures and general discussions on the problems which endanger the peace of the world today. Several outstanding authorities on international and domestic affairs were the leaders during the discussion periods.

Prominent among the visiting speakers were William T. Stone of New York, vice president of the Foreign policy Association; Dr. Benjamin B. Wallace, chief of the Division of International Relations of the U. S. Tariff Commission; Professor William Y. Elliott of Harvard University; Professor Pitman B. Potter, Geneva, Graduate Institute of International Studies, and Edgar W. Turlington, Washington, D. C., international lawyer and author. Other distinguished guest speakers were Professor Peter Odegard of Ohio State University and Professor Harley F. McNair of the University of Chicago.

University faculty members who took part in the speaking and discussion program were Professor Harold C. Deutsch, assistant professor of history, who recently returned from a year's study in German; Professor Alvin H. Hansen, who served as chief economic analyst for the Department of State in 1934-35 and Lieutenant-Colonel Adam E. Potts,

United States Army, professor of military science and tactics.

On the conference committee were the following faculty members:

Professor Harold S. Quigley, chairman, Professor William Anderson, political science; Professor A. L. Burt, history; Professor Hansen, economics; Professor O. B. Jesness, agricultural economics; Lieutenant-Colonel Potts, military science, and Dean Malcolm M. Willey, assistant to the president.

Student members of the committee were Karl F. Diessner of Waconia; Elizabeth Donovan of Minneapolis; Vance Jewson, Minneapolis; Albert Lehmicke, Stillwater, and Robert Loevinger of St. Paul.

Aeronauticals

Representatives of the University Flying club won three awards at the National Intercollegiate Flying club conference in Washington, D. C.

Third place in competition for the Loening trophy, awarded annually to the country's most active collegiate flying club, was among the prizes. Harvard and Purdue universities nosed out the Minnesota club, which had held the cup for the last three years.

A plaque was given the club for a victory last June in the National Intercollegiate Flying club meet at Detroit. The event, in which John Cameron piloted for Minnesota, was the paper strafing contest.

Final recognition came to the Minnesota club in the form of a certificate for the largest delegation coming the longest distance to the conference. Twenty-four attended from Minnesota. The conference was included in the itinerary of the annual spring inspection trip for senior aeronautical engineers.

Tenth Birthday

More than four hundred persons with professional interest in Minnesota books have received invitations to the University of Minnesota Press tenth anniversary tea to be given by the faculty committee on the Press on Sunday, April 11, in the Center for Continuation Study on the University campus.

Minnesota authors, librarians, bookdealers, editors, and reviewers are among those who will be entertained. The University Press' own authors, numbering about 250, have all received invitations, though many

of them live outside the state. Officials for local organizations for which the Press has done publishing have been invited. These include the Minnesota Society of the Colonial Dames of America and the Upper Mississippi Waterway Association. Also invited are the members of the Ampersand Club and Penwomen's Club, and contributors to the Thomas S. Roberts fund for the publication of "The Birds of Minnesota."

The faculty committee on the University Press is composed of Guy Stanton Ford, Dean of the Graduate School; John T. Tate, Professor of Physics and newly appointed Dean of the College of Science, Literature and the Arts; Martin B. Ruud, Professor of English; Frank K. Walter, University Librarian; William A. Riley, Professor of Entomology and Economic Zoology; and Mrs. Margaret S. Harding, managing editor of the Press.

Established on paper by the Board of Regents of the University in June, 1925, the Press began active existence on March 1, 1927, with the appointment of Mrs. Harding to her present position. In its ten years of life, the Press has become recognized as one of the outstanding regional presses in the country.

Law Review

At a meeting of faculty and board members this week, four student members of the Minnesota Law Review board received appointments to officerships on the editorial board for next year.

The newly elected officers are: David Louisell, president and recent case editor; Robert McClure, note editor; Robert Fabian, and James Kelchan, associate editors.

The MINNESOTA ALUMNI WEEKLY

Published by
The General Alumni Association of
the University of Minnesota
William S. Gibson, '27, Editor and Business Manager
Lorraine Skinner, '35 Assistant Editor

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Retiring president of the Review is Warren Blaisdell.

Presenting comment on current cases which illustrate significant changes in legal procedures and precedent, the Law Review is the official organ of the Minnesota Bar Association.

Each issue is divided in two sections, one containing articles on current legal topics by faculty and other authorities, the other composed of student works.

Law students are eligible for election to the board in their junior year and officers are elected by the faculty and retiring board members on a basis of scholarship and ability.

Enrollment Increase

The Institute of Technology has shown the biggest increase in enrollment for the spring quarter. It now has a registration of 1,730 students which is an increase of 257 above the enrollment for the same period of last year. The total University enrollment for this quarter represents an increase of approximately six per cent over the spring quarter figures of last year. On the first day of the term the registrar's office reported a total registration of 11,832 as compared with 11,163 students at the same time last spring.

The College of Agriculture, Forestry and Home Economics and the Graduate school also registered large gains. The former has increased by 233, the latter by 114.

General college and University college were the only University divisions to show a decrease. General college figures dropped 240 and University college 8.

The registration for the first day of spring quarter follows:

College	1936-37	1935-36
General	536	776
University	42	50
Arts	3,924	3,907
Technology	1,730	1,473
Agriculture	1,201	968
Law	317	289
Medicine	652	650
Nursing	411	369
Dentistry	291	259
Dental hygiene	64	59
Pharmacy	151	131
Education	1,168	1,085
Business	522	438
Graduate school	823	709
Total	11,832	11,163

The Reviewing Stand

W. S. G.

Highlights

AS ALUMNI look back ten, twenty or thirty years to their days on the campus certain highlights stand out in their reminiscences of college life and activities. It may be some traditional event which made a lasting impression on their memories, or some unusual prank, or an innovation in student life, or the activities of a campus character.

Bicycle War

Those who were on the campus during its earliest years recall the time a group of boys neglected their Latin and Greek one night to coax and push a team of unwilling horses to the top floor of Old Main building. Alumni of a somewhat later year recall the conflict between the students and the Minneapolis park board over the right to ride bicycles on a strip of land which is now a part of the campus. When a quartet of park board police were sent out to guard the area they were promptly captured by a brigade of students and shipped to St. Paul aboard an inter-city street car.

Co-ed Cadets

And in the early nineties there was Company Q, a cadet corps of University co-eds, whose chic uniforms were familiar to the students on the campus at that time. There were some who looked with alarm at this activity of the women in the field of traditional male enterprise and one commentator was moved to express the pessimistic opinion that it was "a forewarning of a less happy order". In the Gopher of 1890 appeared a poem addressed to "My Military Girl". Here is one verse from the lament:

Oh, won't it be pitiful!
To see a whole city full
Of such girls?

Alas, this "woman's question"
Has grown to such proportion,
My brain whirls!

Another perennial "question" has been that of student government. The class of 1912 which claims the credit for the founding of the student council form of government will hold its twenty-fifth reunion in June. When

the members of this class return to the campus on June 14 they will find that their political system continues to be the center of considerable controversy.

In 1922 when the council system was just ten years old it was being attacked from right and left on the score of "politics" and special privilege.

"Gone are the old spectacular election campaigns, with their banners, buttons, sandwich men and election cards," wrote one critic in the spring of 1922. "One by one has the council banned the pre-election advertising stunts. In consequence, elections now are just like modern warfare generally: none of the pageantry but all of the technic of butchery is there. Things happen only underground today.

"The candidate must seem not to be doing anything. His or her fraternity, or class, or special set, or all of them act as intermediaries. They use their leverage, according to their mode, on other fraternities, classes, or special sets; they locate the camp of the enemy; they bandy promises for

valuable friends; they set up candidates of straw to weaken their antagonists; they use the publications skillfully—And lo, their candidate is in."

The members of the class of 1937 have heard much about student government during their days on the campus but very few will give that "question" much thought after they leave the University. As the years pass however there will arise memories, certain highlights and incidents of their campus careers. Among other things of course they will recall that they were on the campus during the golden era of Minnesota football. Two new and original educational units, the General College and the Center for Continuation Study, were established at Minnesota during the past four years and three schools, Engineering, Mines and Chemistry were combined in the Institute of Technology.

Record

A record for attendance at the national conventions of an organization is held by R. M. Thompson '95, of Minneapolis. For the past 27 years he has not missed an annual meeting of Beta Theta Pi fraternity. Last August he motored to Gulfport, Mississippi to be present at the ninety-seventh annual convention of the fraternity. Accompanying him were Mrs. Thompson '99, and Dr. '03 and Mrs. R. R. Knight of Minneapolis. Dr. Knight is district chief of the fraternity in charge of chapters in Minnesota and North and South Dakota. Dr. Thompson has been a member of the advisory council of Beta Theta Pi for many years.

Officer of Firm

Harold L. Holden '31B, who has been associated with the firm of the H. L. Collins company, printers, since 1933, was named an officer of the firm at the annual meeting of the company's stockholders late last month. At the same time the name of the firm was changed from the L. L. Collins company to the Collins-Holden Printing company.

While attending the University, Mr. Holden was active in campus publications. His senior year he held the position of business manager of the Minnesota Daily. He is a member of Alpha Delta Sigma, honorary advertising fraternity, Acacia and Grey Friar.

Brevities

Kenneth E. Olson, who left the Minnesota faculty to become chairman of the journalism department at Rutgers University, has been named director of the Medill School of Journalism at Northwestern University. . . . The petition of the University radio station WLB for a change of wave length will be considered by the federal communications commission at a hearing in Washington on May 5. On the new wave length the station would have no night-time hours but would have a greater amount of time during the day. . . . Ralph T. King, instructor at University Farm, will leave Minnesota this month to assume new duties as head of the department of forest zoology at Syracuse University.

Alumni In Federal Service

THE activities of the many Minnesotans who hold prominent positions in the United States Employment Service of the Department of Labor are described in the following letter to the editor of the *Alumni Weekly* from Dreng Bjornaraa '30, Reemployment Director for Minnesota whose office is in St. Paul. It is of such interest that we are printing the letter in full.

"I thought you might be interested in some information about Minnesota alumni who figured prominently in the United States Employment Service, Department of Labor, Washington, D. C.

"As you no doubt know, Dr. William H. Stead, Ph. D., 1926, and formerly on the staff of the School of Business, is Associate Director of the United States Employment Service. He is in charge of the Division of Standards and Research which is carrying on an extensive developmental program for the Service. An outstanding achievement of that department is that the Occupational Research Program which is supplying occupational information in the form of published job descriptions for use by public employment offices throughout the United States under Dr. Stead's direction, one of them being in Saint Paul. The Saint Paul center employs nearly forty persons and is financed by WPA funds and sponsored by the Minnesota State Department of Education.

"Miss Nelle Petrowski, School of Business, class of 1929, is Administrative Assistant in Dr. Stead's office. She had prepared materials for a number of manuals which are used by employment services in every state in the union and has been especially active in the development of a uniform reporting system for statistical procedure.

"Employed in the Washington office are also the following: Dorothy Bailey, class of 1931, whose title is Affiliation Supervisor; Beatrice Dvorak, B. A., 1929, and Ph. D., Technical Assistant; and Lyle Garlock, class of 1931, Field Representative.

"On the field staff are two former University of Minnesota men, namely Paul M. Kenefick who did graduate work at the University in 1932, and

Arthur C. Gernes, who attended the School of Business in 1917 and 1918. Mr. Kenefick and Mr. Gernes were employed as Field Supervisors in the National Reemployment Service office in Saint Paul prior to their transfer to the Washington office.

"Howard R. Nichols, B. E. E., 1934, is Assistant Local Supervisor of the Saint Paul center of the Occupational Research Program.

"The United States Employment Service at the present time has approximately 1,700 offices throughout the country through its affiliated state employment services and the National Reemployment Services. During three and one-half years of operation, these offices have received more than twenty-five million new applications and have filled nearly nineteen million jobs in all types of occupations. Approximately four and one-half million of the placements were in private industry."

Air to Rubber

Dear Sir:

I have recently severed my connection with the Luscombe Airplane Development corporation as personnel director and assistant production manager to accept my present position in the staff organization of the mechanical goods division of the B. F. Goodrich company. After absorbing the company's policies I hope to be transferred to the sales department as a sales engineer. My present as-

signment in the staff organization is with the monds and metals division.

Of interest to Minnesota's aeronautical graduates should be the complete line of aircraft rubber goods equipment manufactured by Goodrich. The most prominent item in this line is the Goodrich De-Icer which plays a major role in preventing ice formation on the wings, tail surfaces, propellers and radio antenna masts of all our modern transports, bombers and clipper ships.

Since leaving Minnesota in '34 I have spent all my time in the East. During the latter part of my stay in the East (New England, New York, New Jersey and Pennsylvania), it was especially interesting to note the growing interest among Easterners in the University. They have come to recognize Minnesota as one of the finest institutions of learning in the country today. This applies whether it be in the field of engineering, medical science, business or liberal arts. No, they have not forgotten our athletic prowess, but they regard this only secondary to the educational facilities available at the University which is as should be.

Now that I am locating in a comparatively new section of the country (to me), I would be very glad to have Minnesotans in this section and my friends elsewhere keep me enlightened on their activities.

You have my most hearty wishes for continued success in putting out a Weekly of which all alumni are proud.

Sincerely yours,

Leo J. Kujawa 34E.

29 Maplewood Avenue,
Akron, Ohio.



If a picture were to be taken from this point in front of the Administration building now the New Center for Continuation Study on the parade ground would cut out the view of Fohwell Hall in the distance.

Minnesotans In Manhattan

By RUTH LAMPLAND '28

THIS week in New York found the members of the banquet committee of the Minnesota Alumni Club completing the arrangements for the dinner and program which will be held at the Hotel McAlpin on Wednesday evening, April 21. It is expected that as many as 400 guests may be present to enjoy the talk by Alumni Secretary E. B. Pierce and the other features on the program. There will be dancing following the dinner program.

In this New York column last week we told of the recent meeting of Minnesotans at which the plans for the banquet on April 21 were discussed and committees appointed. And now to continue the list of those who were present on that occasion:

Among the newer New York Minnesotans are Helen Frank '30, now with Hahne & Co., Newark, the department store which has probably as large a proportion of Minnesotans on its staff as any New York retail dry goods unit, and Robert W. Orth '31, who was recently mentioned in the *Weekly* when he assumed his duties as assistant editor of the McGraw-Hill publication, *Product Engineering*, and took up his residence in London Terrace. Helen is at present living with Mary Jane Grimes '30, of 106 North Grove Street, East Orange. Mary Jane, as you know, is secretary to the credit manager of the Johns-Manville Corporation, at 22 East 40th Street, New York.

Others present included:

Leona Stiles Salzman, B.A. '14, who lives at 60 Cooper Street, New York.

Varied Activities

Erwin H. Sherman '16Ex and Mrs. Sherman, of 405 Highland Avenue, Upper Montclair, New Jersey; he's with the General Exchange Insurance Corporation, a division of General Motors, at 1775 Broadway, New York.

Harold S. Woodruff '18D, whose office is at 2 East 54th Street, New York, and residence at 284 Marlboro Road, Englewood, New Jersey.

Noel C. Fleming '32L, of the legal department of A. T. & T. at 195 Broadway, and living at 52 Gramercy Park North, New York.

Tom Ellerbe '16Ex, president of Ellerbe and Co., St. Paul, and living there at 26 Benhill Road, but in New York on business for the Hitz Hotels, for whom he is supervising the construction of a new cocktail lounge at the Hotel Lexington and the rebuilding of ballrooms at the Hotel New Yorker, and whose photograph will shortly appear in a forthcoming issue of *Fortune*.

Stanford Bissell '27, field assistant in the Life, Accident and Group Departments of the Empire State Branch Office of the Travelers Insurance Company of Hartford, Connecticut, and Mrs. Bissell, who live at 120-45 Bayside Avenue, Flushing, with their daughter, Barbara, now 21 months of age.

Hudson Walker '29Ex, whose name is over the door of his art gallery at 38 East 57th Street, Manhattan, and who, with Mrs. Walker, lives at 140 West 58th Street.

Helen Kretchmer '36, who now lives at 508 35th Street Parkway, Bergen, New Jersey.

Marshall Crowley '28Ex, who still lives at 309 West 86th Street, and is the secretary of the Schwerin Air Conditioning Corporation at 570 Lexington Avenue.

Bachelor Club

David Donovan '34, of the advertising department of the International Printing Ink Corporation, of 75 Varick St., who shares an apartment in London Terrace, at 435 West 23rd Street, with Messrs. Orth, Tom Rogers (also of *Product Engineering*) and Philip Smith of Purdue.

Dr. Arthur Juni '13, of 200 West 59th Street, whose new country home in New Jersey is a historic farmhouse over 100 years old, on a 180-acre estate near Stillwater, N. J., about twenty-five miles from the Delaware Water Gap and five miles from Blairstown.

Catherine Cates, of 8 Clark Street, Brooklyn, who is with the Millbank Memorial Fund at 40 Wall Street.

Mrs. Helen Cates Evans '13, of the Orienta Apartments, in Mamaroneck, New York, and whose business connections include a position with the Penn Mutual Life Insurance Com-



DAVID DONOVAN '34

pany in its all-women's division in Rockefeller Center, and the post of president of the Burn-All Incinerator Corporation at 55 West 42nd St. Her own office is at 1 East 42nd St. Her older daughter, Marilyn, will be remembered as the winner of the largest scholarship given last fall to any girl entering Wellesley College, the result of receiving top rating in entrance examinations given to applicants from all over the country.

We heard, too, of Mrs. Frank Lucke (Marion Kichnitz '28), who is now associated with the Foxwood School in Flushing, New York.

On the Stage

Walter Greaza '18, one of Minnesota's foremost thespians, has been receiving praise on all sides for his last-minute replacing of the ill John Alexander as the lead in the new play, "Now You've Done It". He learned the role in an unbelievably short time, not more than a few days, and is giving a creditable performance. He received a full page writeup in the Broadway Theatre Guide called "N. Y. Amusements".

Bertha Peik, whom we have mentioned frequently in connection with her past work on the "Dry Goods Economist", was the author of a lead article in the educational section of the New York Herald-Tribune of Sunday, March 13.

-:- Shopping As a Career -:-

By LORAIN SKINNER '35

EASTER hat-buying bestirs the feminine mind to inquiries about how can the buyers, for heaven's sake, know what to buy, how can the saleswomen handle the thousands of bonnets lined up on the counters, how do the advertisers know what to stress so that they can lure me down to pick out my ribboned frivolity—and all such questions.

The buyers, madame, used to be trained rather hit-or-miss through selling experience in what to buy, the saleswomen how to sell. They climbed, through newspaper analogy, via the office-boy to editor's chair route. A few stores here and there began starting training schools for the clerks.

But now the guess is being taken out of merchandising. Short-cuts are being taught would-be buyers. Metropolitan stores quite regularly have training schools. Certain schools, including the University of Minnesota, have instituted such a course.

Expert Training

Now a Minnesota graduate, Bertha Peik '19, a well-known training school and personnel director in eastern department stores, who started at Dayton's, is heading the new merchandising department at Russell Sage College, Troy, N. Y., which inaugurated a liberal arts merchandising program, the first of its kind in any women's college.

From the counter to the classroom Miss Peik has jumped, to pass on her knowledge to those who would be better clerks, better advertisers, better stylists, better buyers. And the rise for future clerks should be shorter if they couple with counter experience the information gleaned in college.

According to an article in the New York *Herald-Tribune*, March 14, on Miss Peik's work, she is mapping out a practical course similar to that offered in the University of Minnesota School of Business, with many months of actual selling in the curriculum of the would-be executive, yet with careful training in research and fact-finding.

The students enter as freshmen. By their junior year they must have spent two months of summer selling.

The shop, the department store, the manufacturing plant and the office are used for apprenticing students during their courses and during their summer vacations. The junior year, students are sent to stores in Troy, Albany and Schenectady for observation, research and practice work such as Saturday selling. Vacation periods of the senior year, students omit the journeys home to stay in New York and New England to play junior executives. Those who can afford the grand tour after graduation may take a merchandising jaunt to Europe arranged by the school.

Experience

All these years are interspersed with frequent weekend trips to New York City for shopping, openings, and fashion shows.

To develop the qualities Miss Peik feels are essential to the college woman in merchandising, she has secured the cooperation of several departments in the college, such as the home economics department, the English department, the accounting and finance department, the physical education department, and liberal arts.

This, briefly, is the program which Miss Peik has arranged, based on needs she has discovered from her long years of experience in department store work.

After graduating from the University of Minnesota, she worked in the training department at Dayton's, Minneapolis. Going to Carnegie Institute of Technology, she learned more about her trade and became, after finishing there, associate educational director at Joseph Horne's, Pittsburgh. Becoming personnel director at the New York City shop, Lord and Taylor she last year was on the staff of the retail trade paper. Selling, training, writing, she has learned it all.

There are several reasons why Russell Sage College established her department, she said.

Junior executives are not being trained fast enough, she said. Women often are married shortly after they have been trained to a junior executive rank. With University trained men in merchandising, it is preferable that the women junior executives



HELEN McGRATH '22

Another alumna who follows her career in New York City is Helen McGrath who is a stylist for the DuPont company at 350 Fifth Avenue.

be able to work on an equal footing. Therefore, we should have more women in reserve in junior executive training squads, cadets secured from training schools which offer merchandising in undergraduate studies.

Then, since women are the purchasers of 85 per cent of all clothing, housing goods and foodstuffs, and since on the other side of the counter, they are the clerks, frequently advertising manager or copy writer, designer and stylist, merchandising is the ideal profession for women, thinks Miss Peik.

Qualities

Miss Peik outlined these qualities as essential to the college woman in merchandising fields:

Health. Merchandising, as it is well-known, is exacting in requirements of endurance and strong nerves.

Intelligence—including culture, an interest in people, and resourcefulness.

Chic. An innate appreciation of color, line and design.

Ability to organize and manage.

A cheerful disposition.

Gift of forceful expression.

An analytical trend of mind.

Alumnae Notes

"Spring, Spring, the bird is on the wing—

Absurd, Absurd, the wing is on the bird;"

runs the smartest of the seasonal ditties. Well, the wing is not on me anyhow, me who is caught by this contagious season, but who can't let myself go quite whole-hog on day-dreams of most glamorous spots in the South Seas. Dang mental hygiene and reality stuff we were taught at the 'U'.

Spring . . . when the campus turns greener and greener . . . and the lilac bushes by Burton Hall and Engineering building make most fragrant bowers for the twittering birds . . . and the knoll, dotted with lunchers at noon, with more students studying throughout the afternoon or just sitting in the drowsy evening . . . red, blue, yellow roadsters with eight or so screaming girls hanging on . . . pedestrians lurching back to the curb to avoid mud . . . the long and winding river lures, too . . . golfers flock to the University course and tennis players whack away . . . and pretty soon no one comes to classes, and professors don't care . . . they give the students all A's and go out for a round of golf themselves . . . and the library is tightly padlocked . . . Well, maybe spring quarter's not quite that good, but it's the best of them all just the same . . . Social highlight of the season, THE SENIOR PROM.

Still on the campus . . . Mabeth Skogmo, newly elected head of W. S. G. A., allowed herself no spring vacation breathing spell before taking up reins of her office . . . but was official delegate of the Minnesota association at the conference of the National Women's Self Government Association at the U of Southern California . . . she dropped in on relatives in Arizona and Seattle on the way to and fro . . . Jane Austin '38, is wearing Indian slippers her father, Dr. Louie T. Austin '12D, of the Mayo Clinic in Rochester, and her mother brought back from their trip in Mexico.

Charlotte Teschan '37MdT, who said good-bye to the University winter quarter will make "the grand tour" this summer . . . but first

travels, perhaps by plane, to Berkeley, California, and will later see Los Angeles . . . then will go with her family to France, England, Germany, and perhaps other European countries.

Dorothy Bennett '30, connected with the Museum of Natural History, New York City, lectures at the Hadden Planatorium as a member of the Department of Education . . . Stillwater's art colony directed by Josephine Lutz '20Ed, 'U art education instructor, now has a scholarship fund provided by Stillwater business men for public school children . . . Elizabeth Guthrie '33Ed, will be out there this summer to teach the children.

And incidentally, "Stillwater Boat Landing", the water color done by Miss Lutz, will open tomorrow, April 11, in the International Water Color show at the Chicago Art Institute.

Founders of The University

Edward Duffield Neill was appointed chancellor of the university in 1858. He prepared the reorganization bill that was passed by the legislature in 1860 and was elected chancellor by the board of regents appointed under this act. At the same time he became *ex-officio* superintendent of public instruction. Dr. Neill resigned as chancellor in February, 1861. He shortly withdrew his resignation, but during the following summer he left to become chaplain of the First Minnesota Volunteer Infantry.

Dr. Neill made other noteworthy contributions to his state and country. He came to Minnesota in 1849 as a pioneer Presbyterian minister and was throughout his career a zealous churchman. He was secretary of the Minnesota Historical Society from 1851 to 1863 and wrote numerous other historical treatises. After the conclusion of his Civil War chaplainship in 1864, he became one of President Lincoln's private secretaries. For three years he was United States consul at Dublin. He was founder of Macalester College in St. Paul, and from 1884 to 1893 he was a professor of history, literature, and political economy in that institution.

Brief Notes About Minnesota Alumni

12,000 Minnesotans read this department each week for news of friends of College days.

Elvero L. McMillan 71, '02L, '04LL.M., former chairman of the Republican state central committee and prominent attorney of the Princeton, Minn., district, died of a heart attack in his office Monday afternoon, March 29.

Born in Wilmington, Ohio, April 4, 1866, Mr. McMillan came to Howard Lake, Minn., with his mother in 1874. He was graduated from the University of Minnesota law school in 1892, was admitted to the bar the same year, and received the degree of LL.M. from the University two years later. He went to Princeton, Minn., in 1902.

Married in 1898 to Marion Campbell of Litchfield, Minn., he was the father of six children, who, with his widow, survive. They are Elvero, Jr. '32L, practicing attorney at Duluth, Minn.; David '35GC and Otho '35GC, students at the University of Minnesota; Mrs. Charles Edwill Fisher, Minneapolis; Mrs. Eugene Power, Princeton, and Esther, Los Angeles.

Mr. McMillan was a former president of the Seventh District Bar association, and was chairman of the Republican state central committee in 1930 and 1932.

Mr. '02Ex and Mrs. M. R. Drennen, of Minneapolis, have ended their cruise to South America.

—1904—

Dr. J. R. Kuth '04Md, of Duluth, is scheduled to appear on the program of the eighty-fourth meeting of the Minnesota State Medical Association in St. Paul May 3-5.

—1905—

Raymond H. Gray '05, '13L, a teacher of civics and social science at Marshall high school, Minneapolis was killed in an automobile accident Saturday night, March 20. His wife was injured.

Mr. Gray had taught in Minneapolis 25 years, at Marshall since it was opened and before that at the old East high school.

Besides his wife he is survived by three daughters, Mary and Ann, both students at the University of Minne-

sota, and Margaret Jane, a senior in high school, and two sisters, Mrs. C. F. W. Carlson, Minneapolis and Mrs. B. E. Cooley, St. Paul.

—1909—

Dr. Charles R. Drake '09Md, a member of the Minneapolis School Board, recently visited in Washington, D. C., in the interests of educational legislation and P.W.A. projects of the Minneapolis Board of Education. Dr. Drake also recently presented greetings from alumni at the dedication of the new addition to the Rushford, Minn., high school of which he is a graduate.

Dr. H. W. Meyerding '09Md, of Rochester, Minn., will address the convention of the Minnesota State Medical Association May 3-5.

—1910—

Dr. Wallace Cole '10Md, of St. Paul, is a speaker on the program of the state convention of the Minnesota State Medical Association in St. Paul next month.

Mrs. Julia Margaret Villaume (Julia Thuet) '10, of St. Paul, died early Easter Sunday at Miller hospital after an illness of four months. Born in St. Paul in 1888, Mrs. Villaume was educated in the public schools there and later at the University of Minnesota. Following her graduation she became an instructor for one year in the high school at Maple Lake, Minn., where she taught German, English, algebra and geometry.

She served several years as director of the St. Paul chapter of the Red Cross and the United Charities and also was active in the Catholic charities, the Goodwill Industries, the College Club, the Thursday Club and the local chapter of Kappa Alpha Theta sorority.

Surviving are her husband, Louis A.; two daughters, Julie and Lorraine; and two sons, Louis and Paul. One sister, Mrs. H. G. Carson, and two brothers, Louis and Paul, live in St. Paul.

—1913—

Dr. A. R. Ringoen '13Gr, '19Gr, associate professor of zoology, and Dr. Arthur Kirschbaum, whose work was based on gonadal activity and further research on the English sparrow, gave a demonstration and paper at the Toronto parley of the American Association of Anatomists recently.

—1914—

Dr. '14D and Mrs. William P. Glad, of Minneapolis, spent Easter with their daughter Patricia in Faribault,



CHARLES W. GILLEN '17

This member of the Minnesota alumni group in New York City is connected with Corporate Administration, Inc.

Minn., where Miss Glad is a student at St. Mary's hall. With them was their other daughter, Rhoda.

—1918—

Dean M. Schweikhard '18Ex, stressed dependability when speaking to South high school, Minneapolis, February 22. The D.A.R. medal was presented at this meeting.

Dr. J. C. McKinley '18Md, professor of medicine at the University, discussed brain ailments and their treatment at the Minneapolis Public Library forum March 31. He illustrated with slides a complete anatomy of the brain and an explanation of surgical feats such as removal of whole sections of the brain without injury to the mind.

1922—

Dr. C. E. Anderson '22Md, has been named vice-chief of staff of the St. Joseph's hospital, Brainerd, Minn.

—1923—

Welles A. Gray '23, '24Gr, is with the finance department of the U. S. Chamber of Commerce, Washington, D. C.

—1927—

E. J. Cooper '27Gr, superintendent of schools at Robbinsdale, Minn., was one of several educators attending Schoolman's week at the University who expressed himself on the advisability of student interests in current politics. Of the opinion that politics and issues of public interests can be studied without the students getting too partisan, he said that local

affairs were touchy. "We have our seniors hold elections on state and national candidates," he said.

George Hellickson '27, has become a member of the reportorial staff on the Minneapolis Star. And owns a new Ihagee Parvula camera with a Carl Zeiss lens.

—1928—

Harold "Johnny" Murrell '28Ex, former Gopher halfback and later an all-American fullback at West Point, testified at the New London, Tex., catastrophe in his capacity as engineer for the Tidewater Oil company which has headquarters at Kilgore, Texas.

Lewis E. Harris '28Ed, superintendent of schools at Floodwood, Minn., has been elected vice president of the Minnesota Education Association. He is also organization chairman of the Allied Teachers' Guild, and is a member of that body's state central council.

Dr. O. E. Hubbard '28Md, has been named secretary-treasurer of St. Joseph's hospital, Brainerd, Minn.

—1930—

Mr. '30L and Mrs. Sydney W. Goffstein, of St. Paul, are parents to a son born February 18.

Leone Kehoe '30, is with the Minneapolis office of the Batten, Barton, Durstine and Osborn agency.

Mrs. Howard A. Thompson (Helen Nordby '30Ed), has gone to Kingsport, Tenn., where she and Mr. Thompson will make their home. They were married February 23.

—1931—

Oliver R. Floyd '31Gr, principal of University high school, with Professor Alvin H. Hansen, is among the 670 instructors who have been appointed to the faculty of Columbia University for the summer session opening July 12.

Principles of secondary education will be the subject of Professor Floyd's lectures. He will also direct advanced studies in high school administration for school officials.

Thomas Kingman Ford '31, with a master's degree from Columbia, is on the editorial staff of the Pioneer Press, St. Paul. He began work there January 1.

George L. Heleniak '31Ex, of St. Paul, and Elizabeth Wheeler Child, a graduate of Carleton College which Mr. Heleniak attended, will be married this summer, say engagement announcement plans made recently. Mr. Heleniak is a member of Phi Kappa Psi.

George D. Holgate, '31Ex, is with the Johnson Wax company, St. Paul.

A June wedding . . . Margaret Rice '31Ed, to Wendell Henning '32L, of St. Cloud. She is a member of Kappa Kappa Gamma sorority. Mr. Henning belongs to Kappa Sigma fraternity.

Merill K. Cragun '31, partner in the Queen Press, St. Paul, is secretary of the St. Paul Bunyan Playground association.

—1932—

Alice Schwartz '32, became the bride of Samuel N. Nemer of St. Paul on March 11 in the chapel of Temple Israel, Minneapolis.

At the ceremony, she wore the finger-tip length veil of net which had been worn by her aunt, Mrs. David Doroshow (Tobette Halpern '33), of Fordyce, Ark., at her marriage last June.

Charlotte Schwartz '31, of Los Angeles was her sister's only attendant. Frank Schwartz '29Gr, was the best man.

Assisting at the reception was Marian Schwartz '31Ed, another sister of the bride, and Marion Nemer, the bridegroom's sister.

Mr. and Mrs. Nemer went to Chicago on their wedding trip and are going to make their home at 2701 Grand avenue, St. Paul.

Dr. Alvirido W. Pearson '32Md, who was formerly at Olive View, Calif., has accepted the post of resident physician in the Merced General hospital, Merced, Calif.

Dr. '32Md and Mrs. Leo R. Prins (Charlotte Molstad '34N), who were married September 24 are now at home at 231 Dayton avenue, St. Paul.

James Eckman '32, has been elected an honorary member of the Variety Clubs of America.

An Easter season bride was Joan Mabey '32Ed, who was married Easter Monday to Robert T. Hewitt '37Md, in the Church of St. Lawrence. Mr. Hewitt has been serving on a scholarship at Cornell hospital, New York. They will live in Minneapolis for three months.

Mrs. John C. MacKay (Rhoda Pierce '32Ed), with her mother, Mrs. E. B. Pierce, and her small son, have gone to Los Angeles to join Mr. MacKay. Mrs. Pierce plans to remain for about six weeks, and the MacKays will be in California for two or three months. Mrs. MacKay has been visiting her parents, Mr. and Mrs. E. B. Pierce, since the middle part of February.

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Barbara Virginia Angel '32B, and William Ray Crawford '32Ex, were married Easter Monday, March 29, in St. Thomas Catholic church, Minneapolis. They will make their home in Seattle.

Millford Downie '32, is covering general news assignments for the Bemidji, Minn., *Daily Pioneer*.

—1933—

The marriage of Nathaniel S. Ruder '33E, and Freda Orloff, former student at the University, will take place in June.

Dr. and Mrs. Gordon Danks (Bernice Sutherland '33N), chose Marguerite Anne as the name for their infant daughter. Dr. and Mrs. Danks recently moved to 321 Ithaca Road, Ithaca, N. Y., where Dr. Danks is on the Cornell University faculty.

Mr. and Mrs. Orvie A. Jensen (Evelyn Brady '33N), announce their marriage of December 14, 1935. They are making their home at Jerome, Idaho, where Mr. Jensen is a member of the Peterson-Jensen real estate firm.

Kathryn Woolsey '33Ex, and Robert S. Bawlf, who were married March 31 in St. Mary's Cathedral in Calgary, Alta., Canada, are on a wedding trip to Banff and Lake Louise. Mrs. John Gage (Ruth Powers) of Calgary was matron on honor and only attendant for Miss Woolsey. Mr.

Mr. and Mrs. Bawlf will live in Calgary for a year, after which they will make their residence in Winnipeg. Mrs. Bawlf attended the University and Parsons School of Fine and Applied Arts in New York. She is a member of Gamma Phi Beta sorority. Mr. Bawlf attended Georgetown University and received his degree from the University of Toronto. He is affiliated with Delta Kappa Epsilon fraternity. Gage was best man for Mr. Bawlf.

—1934—

Engaged . . . Mary Bassin '34, Sigma Delta Tau, to Reuben R. Spector, a graduate of Northwestern University.

Florence Edelman '34, and Bernard A. Smiler '35Ex, have made theirs a spring engagement announcement. Mr. Smiler is a member of Sigma Alpha Mu fraternity.

William Collins '34E, is now working for the Western Electric company in Baltimore, Md., as junior engineer in the quality standards division. His address is 3005 Rosalie avenue, Baltimore.

A wedding trip south to Atlanta, Ga., up the eastern coast and to New York is being taken by Mr. and Mrs. Jack Bonton Hirshmann (Lois Marguerite Swanstrom '34Ag), Delta Zeta. The bride chose the chapter house for the wedding on March 25. Corinne Swanstrom, her sister, was maid of honor and only attendant. Frank Langford was best man. A reception followed the ceremony.

They will make their home in Boston.

Cadet Robert W. Ryder '34, stationed at Brooks Field, San Antonio, Texas, received a commission as a second lieutenant in the air service.

Born to Mr. '34 and Mrs. James Edgerton Orme, Jr. (Jane Boyd '34Ex), a daughter, on Saturday, March 27.

Mrs. Edward Silver Jr. (Margaret Dredge '34Ex), of Brooklyn Heights, N. Y., is spending the Easter season with her parents in Minneapolis.

Lieutenant A. Donley Olson '34E,

of the United States Army Air Corps, has been transferred to Hawaii. His address is Luke Field, Oahu, T. H.

Engaged . . . Mary Louise Reimbold '34, who attended Summit school, St. Paul, and Wellesley College, to Edward M. Anderson '33L. Miss Reimbold is a member of Kappa Alpha Theta sorority.

Reginald Cushing '34E, with the sales and service department of Minneapolis Honeywell Regulator company, at San Francisco, Calif., lives at 2511 Hearst avenue, Berkely.

Madra Aileen Correll '34UC and W. Claude Stevenson, Jr. '35Ex, plan on holding their marriage during the traditional wedding month of June. It will take place Saturday, June 26, in Hennepin Avenue Methodist church. Dr. Richard Raines will read the service. A reception is planned at the Correll home after the ceremony.

Wolfe Sagalovitch '34E, with Greeley and Hansen, sanitary engineers in Chicago, is now at work on the design of pumping stations for Buffalo, N. Y.

Dr. Wayne S. Hagen '34Md, still on duty as medical officer for the C.C.C., veteran company 4719, Ottawa, Kan., has done some work in the flood relief area in eastern Arkansas and Missouri. Enjoying the work, he expected, however, to enter private practice before the end of this year.

Lyall E. Peterson '34, formerly on the Ortonville, Minn., *Independent*, has become claim adjuster for the Union Pacific railroad at Omaha, Neb.

—1935—

Arthur E. Karlstrom '35Md, is spending a year at the Strong Memorial hospital at the University of Rochester, N. Y., as resident in child psychiatry. In July he will return to Minneapolis General hospital at resident in pediatrics.

Dorothy Priscilla Alden '35, and Norman John Thompson '35Ex, will say "I do" to wedding music May 7, at the Thirty-eighth Street Congregational church, Minneapolis.

Janet Poore '35, has chosen five young women for her attendants at her marriage April 12 to Durand W. Maher '35Ex. They are Ardene Berg, Mrs. James Ridgway (Charlotte Learned), Margaret Poore, Martha Louise Korhage and Mrs. Edward A. Murray (Jean Short). Eugene Maher will be best man for his brother. In the group of ushers will be two brothers of Miss Poore, James and John Graydon, with Dr. Thomas Field and John Corneveaux.

CAMPUS EVENTS

CALENDAR OF EVENTS

April 13

UNIVERSITY THEATER—"The Distaff Side." Music Auditorium—8:30 p. m. \$75.

April 14

UNIVERSITY THEATER—"The Distaff Side." Music Auditorium—8:30 p. m. \$75.

April 15

UNIVERSITY THEATER—"The Distaff Side." Music Auditorium—8:30 p. m. \$75.

CONVOCATION—Arthur Guiterman, Poet and Playwright, "Fun in Poetry." Northrop Auditorium—11:30 a. m.

April 16

UNIVERSITY THEATER—"The Distaff Side." Music Auditorium—8:30 p. m. \$75.

BASEBALL—Minnesota vs. Gustavus Adolphus. Northrop Field—3:00 p. m. \$40.

April 17

UNIVERSITY THEATER—"The Distaff Side." Music Auditorium—8:30 p. m. \$75.

ANNUAL MEETING OF THE MINNESOTA ACADEMY OF SCIENCE—Professor H. K. Hayes, "Observations on Life in China." University Farm Auditorium—8:00 p. m.

CRANBROOK SCHOOL

Distinctive endowed preparatory school for boys. Also junior department. Exceptionally beautiful, complete, modern. Unusual opportunities in arts, crafts, sciences. Hobbies encouraged. All sports. Single rooms. Strong faculty. Individual attention. Graduates in over 140 colleges. Near Detroit.

REGISTRAR

3010 Lone Pine Road. Bloomfield Hills, Mich.

As they
THINK
you are



As you
REALLY
are

Advertisers are funny folks:

They look at people in bunches and draw some amazingly inaccurate conclusions. They seem to think that a yachtsman goes to his office in blue coat and white trousers, that a horseman wears spurs to keep his feet from rolling off his desk. Here's what they think about college graduates:

They think all your daytime hours are spent yelling at football games.

Never do you buy an automobile.

We've got to change that notion.

Are you going to buy a car this year?

If so, please tell us,



They think you spend your evening hours at class reunions.

You wouldn't think of buying an electric refrigerator.

Or would you?
Please tell us,



They think you spend your vacations at Commencement get-togethers.

You're not one of the people who go abroad.

Or are you?

If so, please tell us,



It comes down to this:—

This magazine is a good advertising medium but it is hard to convince the advertiser of it. We are in competition with the big national magazines that spend hundreds of thousands of dollars a year on market investigations and research. The big fellows prove what they've got. We little fellows must prove it too. The most convincing proof is definite statements from our readers as to their intended purchases this year.

We hate to be a nuisance. We realize fully that requests for information of this sort are distasteful but we are most anxious to get advertising. All advertising revenue is plowed back to improve the magazine and thus rebound to the prestige of our college.

We appeal to your loyalty to fill out the adjoining prepaid questionnaire and send it to us today.



Unless seriously considering purchasing products or services listed, please don't check. **OUR ADVERTISERS ARE PRINTED IN TYPE LIKE THIS, PLEASE FAVOR IF POSSIBLE.**

For My Home

- Electric Refrigerator
- FRIGIDAIRE
- KELVINATOR

Other Products

- Air Conditioning
- Oil Burner
- Water Heater
- Boiler Burner
- Coal Stoker
- Electric Range
- Electric Washer
- Electric Ironer



- I plan to Build Buy Remodel in 1937
- Send free booklet on **KELVIN HOME**
 - Send free booklet on **DELCO-FRIGIDAIRE** Heating and Air Conditioning Products.

Careers for College Graduates

A survey of average earnings of members of a class ten years after graduation showed insurance men at the top of the list.

- Check here if interested in entering life insurance salesmanship:
- On commission basis
 - On fixed compensation basis
- Check here for a copy of the free booklet:
- "Insurance Careers for College Graduates"

For My Future

I am interested in receiving information about:

- Investment Program for the Future
- Retirement Income Plan
- Monthly Income for my Family
- Educational Insurance for My Children
- Inheritance Tax Insurance

Personal Property Insurance

- Please send me a free **HOUSEHOLD INVENTORY** Booklet

Automobiles

- Under \$800
- \$800-\$1200
- \$1200-\$2000
- Over \$2000

- CHEVROLET
- Cadillac
- CORD
- Dodge
- La Salle
- OLDSMOBILE
- Pontiac
- Packard
- Used Car
- trailer
- truck

Accessories

- GOODRICH TIRES
- Tires
- Battery
- Auto Heater

Typewriters

- REMINGTON
- L. C. SMITH-CORONA
- Portable
- Office



Special Offers

- NEWS WEEK—the Illustrated News Magazine. Send me the next 20 issues and bill for \$1.00 (half the single copy price). Special offer new subscribers only.
- HEALTH RAY SUN LAMP—Send full details of special FREE TRIAL OFFER.
- FRANK BROTHERS' FREE Booklet, "Shoe Styles for Men"

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Please Fill Out Other Side of this Coupon

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| <input type="checkbox"/> Italian Line | <input type="checkbox"/> James Boring | <input type="checkbox"/> Mayflower Hotels |
| <input type="checkbox"/> Sita Freighters | <input type="checkbox"/> Univ. Travel | <input type="checkbox"/> Pleasant I. Lodge |
| <input type="checkbox"/> Sou. Pac. Ry. | <input type="checkbox"/> Farley Agency | <input type="checkbox"/> Hotel Seymour |
| <input type="checkbox"/> Chi. & N. W. Ry. | <input type="checkbox"/> John G. Hall | <input type="checkbox"/> Can. Properties |
| <input type="checkbox"/> A.H. Coast Ry. | <input type="checkbox"/> Rudolph Bureau | |
| <input type="checkbox"/> Powers Tours | <input type="checkbox"/> Temple Tours | |

Airlines: I Am Considering Using } From _____
 American Airlines Pan American } To _____

B — SLIT HERE — B

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|--------------------------------------|---|
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| <input type="checkbox"/> Sweden | <input type="checkbox"/> West Indies |
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| <input type="checkbox"/> So. Africa | <input type="checkbox"/> New England |
| <input type="checkbox"/> Nassau | <input type="checkbox"/> Mexico |
| <input type="checkbox"/> Bermuda | <input type="checkbox"/> Oregon |
| | <input type="checkbox"/> California |
| | <input type="checkbox"/> Pacific Northwest |
| | <input type="checkbox"/> National Parks |
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| | <input type="checkbox"/> Transcontinental |

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| <input type="checkbox"/> Cranbrook | <input type="checkbox"/> Roxbury | <input type="checkbox"/> Amer. Academy |
| <input type="checkbox"/> Franklin & Marshall | <input type="checkbox"/> Williston | <input type="checkbox"/> of Dramatic Arts |
| <input type="checkbox"/> George | <input type="checkbox"/> Girls | <input type="checkbox"/> Acting, Directing |
| <input type="checkbox"/> Hebron | <input type="checkbox"/> St. Anne's | <input type="checkbox"/> Teachers' Summer |
| <input type="checkbox"/> Milford | <input type="checkbox"/> St. Catherine's | <input type="checkbox"/> Course |
| | <input type="checkbox"/> Wheeler | <input type="checkbox"/> Katharine Gibbs |

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AUTOMOBILE _____	DEALER _____	\$ _____
TIRES _____	DEALER _____	\$ _____
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REFRIGERATOR _____	DEALER _____	\$ _____
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TRAVEL TO _____	VIA _____	\$ _____
PRIVATE SCHOOL _____		\$ _____

TO MAIL: Tear out coupon carefully along dotted lines. Open Slit B in top section with knife or sharp pencil.

(A) Please Fill Out Other Side of This Coupon (Copyright 1937 Pat. Applied for)

Fold back top section. Fold back bottom section. Insert tab A in slit B. Mail without postage.

Dr. Oscar Swenson '35Gr, has been transferred from the Jackson laboratories of the duPont de Nemours company of Wilmington, Del., to the duPont plant at Waynesboro, N. C.

Clarence D. Ender '35E, chemical, is now a research chemist at the Experiment station of the Hercules Powder company at Wilmington, Del. He was formerly with the Northern States Power company at LaCrosse, Wis.

Winona Eicher to Dr. Frank Thomas Fifield '35D . . . engaged. Miss Eicher was graduated from Winchester School for Girls and attended Smith College. Mr. Fifield lives in St. Paul.

Jean Short '35, was married recently to Edward Arnold Murray. After a motor trip east, visiting in Chicago and in Cleveland, they will make their home at 1290 Grand avenue, St. Paul.

Albert B. Wolesky '35P, is employed at a registered pharmacist at the Paulson Pharmacy in Fairmont, Minn.

Carolyn Davies '35, sets the month of her marriage to William F. Drum '36, in May. She is the daughter of Professor and Mrs. James Davies.

Dr. Louis O'Brien '35Md, son of the late Dr. T. O'Brien who practiced in Wahpeton, N. D., for 46 years, has formed a partnership with Dr. J. H. Hoskins of that village.

Georgiana Adams '35, and her mother, Mrs. George H. Adams, is on the Empress of Japan bound for the Orient. She sailed March 20 from Vancouver, B. C.

Taking place May 8 . . . the marriage of Muriel Lois Johnson '35Ex, Sigma Kappa, to Clifford Stanley Scribner. Mr. Scribner was graduated from Colorado State College and belongs to Phi Delta Theta fraternity.

Mr. '35C and Mrs. John Seymour Coppage (Alice King), of LeSeur, Minn., had as guests recently, Mr. and Mrs. Frank R. Brooke.

Engaged . . . Mary Anstis Smalley '35Ed, to Carl Funk.

— 1936 —

Mr. '36 and Mrs. Glenn Seidel (Delores Schramek '36Ag), of New Orleans, had as Easter weekend guest Mrs. J. J. Schramek, mother of Mrs. Seidel. She was on her way from a four days trip to Niagara Falls.

Engaged . . . Richard Davis Grant '38Ex, and Ruth Eleanore Hines '37Ex. No date has been set for the wedding.

Eldredge L. MacKay '36, began immediately after graduation last quarter as reporter on the Omaha *World-Herald*.

Alvin S. Isaacs '41Ex, has left classes never to come back. He is going to Singapore, Trinidad, Martinique and points east and west. Nine teen years old and a graduate of Washburn high school, he shipped last winter on a freighter to the West Indies, the Lesser Antilles, Devil's Island, the Leeward Islands. He then worked on a Europe-bound liner and went through the Panama to Hawaii.

Sailing March 25 for Singapore, he is beginning 3 years of service which he hopes will give him a third mate's license.

Dorothy Rines '37Ex, who in October changed her name to Mrs. James Baker, has joined her husband in Detroit where they are living.

The marriage of Merrill E. Stodghill '36, and Helen M. Pendergast will take place early in the summer.

Angelo Cohn '36, illustrator of many Ski-U-Mah issues while in school, can draw his pictures during spare time on the copydesk of the Minneapolis *Star* which he joined after Christmas. He had been free lancing prior to Christmas.

Armando deYoannes '36, who was covering the capitol in St. Paul for the Associated Press, has been moved to the University by the AP to succeed Arthur Lee, the former correspondent there.

The wedding of Helen Ingvaldson '36Ex, to Kenneth T. Severud will take place at Central Lutheran church, Minneapolis, on June 1, according to plans, and will be followed by a reception at the Ingvaldson home.

John W. Huntsberger '36GC is with Hutsberger-Chapman company, Insurance-Mortgage-Loans-Real Estate, Granite Falls, Mont.

Mr. and Mrs. Melvin Gallagher (Audrey Kay Stevenson '36Ex), of Northfield, Mass., were hosts to Mrs. Gallagher's parents, Mr. and Mrs. William J. Stevenson, and Mr. Ward B. Stevenson of Minneapolis. Mr. and Mrs. Gallagher took their guests to Boston for the week.

Karl A. Jacobson '36Ag, has been on the faculty of the University of Maine, Orono, Me., since his graduation. He is teaching and doing research in the division of wild-life conservations there.

Margaret Jean LaLone '36Ag, who attends Katherine Gibbs school stayed in Boston for Easter vacation.

POST-GRADUATE QUIZ

(Answers to the quiz on Page IV. of front advertising section)

1. Ellis Island.
2. Calvin Coolidge, Governor of Massachusetts, in Boston, in 1919.
3. Cuneiform writing.
4. The hard skeleton of certain marine polyps.
5. The instalment plan.
6. Belladonna, or one of its derivatives.
7. "Every day in every way, I'm getting better and better."
8. The British soldier.
9. (a) Massachusetts, (b) New Hampshire, (c) Iowa, (d) California, (e) Kentucky.
10. A pagan.
11. Woodrow Wilson (1856-1924).
12. Gilbert Keith Chesterton.
13. To determine the degree of intelligence of the person tested.
14. Pegasus.
15. Old Dutch Cleanser.

Please write your quiz score in space provided in coupon on facing page, and mail today.

16. Clarence S. Darrow.
17. Exempli gratia ("for example").
18. From fasces (in Roman history, a bundle of rods with an axe in the center, carried by a lictor as a sign of magisterial authority).
19. The Bank of England.
20. A wading bird of the heron family.
21. Flax.
22. Rustlers.
23. He was President of Princeton University from 1902 to 1910.
24. A person or an organization that for hire undertakes the conveyance of goods or persons, inviting the employment of the public generally.
25. Ivory Soap.



The Answers?

NEWS-WEEK Has Them!

- Politics and strikes, dictators and the threat of war... these are the causes of today's questions—the questions NEWS-WEEK answers.
- Accurate in its news facts, clarifying in its presentation, NEWS-WEEK, the illustrated news magazine, gives you an intelligent understanding of today's national and international events. 19 separate departments and over 90 news-photographs each issue ensure the completeness of that understanding.
- NEWS-WEEK also takes pleasure in announcing a new feature—a page of penetrating comment upon events of the week by Raymond Moley, former editor of Today and now editor of NEWS-WEEK. Thus NEWS-WEEK, recently merged with Today Magazine, brings you a new type of news magazine... concise, unbiased news of the week plus an expert opinion on that news.
- For special half price introductory offer—20 weeks for \$1—fill in the coupon on the opposite page.



The FINE ART of Travel

The broad highways of travel lead infallibly to certain great cities and certain great events. The grandeur of a Coronation in London... a brilliant International Exposition in Paris... exert their attraction on experienced travelers and neophytes alike.



But afterwards, when the captains and the kings depart, and when you have absorbed all that even a Paris Exposition can offer, you will be wise to leave the beaten track. To visit such ancient cities as Cahors and Moissac, Perigord and Angoulême... to sleep in an inn 500 years old (but well scrubbed and well provided with succulent food and sound wine)... brings you somehow near to the living heart of France... and to a better understanding of the Gallic spirit. And, in a Breton or Norman seaport,

when the fishing fleet comes in and the wide-shouldered, keen-eyed sailors swing along the quay, you under-



stand more clearly the tradition of discipline and courage which has made possible the French Line fleet.

This is a good year to go abroad. Exchange is very favorable, and Exposition visitors benefit by special



reductions (50% on railroad tickets, for example). Ask your Travel Agent for early reservations.

French Line

610 FIFTH AVENUE (ROCKEFELLER CENTER), NEW YORK CITY

To England and France direct, and thence to all Europe: NORMANDIE, April 14, 28
 ILE DE FRANCE, April 1, 24 • PARIS, May 4 • LAFAYETTE, April 7

FLY ANYWHERE IN EUROPE VIA AIR-FRANCE



FACTORY TO YOU

NEW REMINGTON NOISELESS PORTABLE



**10¢
A DAY**

**MONEY BACK GUARANTEE.
10-DAY FREE TRIAL OFFER**

AT LAST! The famous Remington Noiseless Portable that speaks in a whisper is available for only 10¢ a day. Here is your opportunity to get a real Remington Noiseless Portable direct from the factory. Equipped with all attachments that make for complete writing equipment. Standard keyboard. Automatic ribbon reverse. Variable line spacer and all the conveniences of the finest portable ever built. PLUS the NOISELESS feature. Act now while this special opportunity holds good. Send coupon TODAY for details.

YOU DON'T RISK A PENNY

We send you the Remington Noiseless Portable direct from the factory with 10 days' FREE trial. If you are not satisfied, send it back. WE PAY ALL SHIPPING CHARGES.

GREATEST TYPEWRITER BARGAIN IN 10 YEARS

Imagine a machine that speaks in a whisper... that can hardly be heard ten feet away. You can write in a library, a sick room, a Pullman berth without the slightest fear of disturbing others. And in addition to quiet its superb performance literally makes the words seem to flow from the machine.

Equipped with all attachments that make for complete writing equipment, the Remington Noiseless Portable produces manifolded and stencil cutting of exceptional character. Furnished in black with shining chromium attachments. Find out about this special offer without obligation. Mail coupon today!

FREE TYPING COURSE

With your New Remington Noiseless Portable we will send you—absolutely FREE—a 19-page course in typing. It teaches the Touch System, used by all expert typists. It is simply written and completely illustrated. Instructions are as simple as A, B, C. Follow this course during the 10-Day Trial Period we give you with your typewriter and you will wonder why you ever took the trouble to write letters by hand. You will be surprised how easy it is to learn to type on the lightning-fast Remington Noiseless Portable.

FREE CARRYING CASE

Also under this new Purchase Plan we will send you FREE with every Remington Noiseless Portable a special carrying case sturdily built of 3-ply wood. This handsome case is covered with heavy Du Pont fabric. The top is removed by one motion, leaving the machine firmly attached to the base. This makes it easy to use your Remington anywhere—on knees, in chairs, on trains. Don't delay... send in the coupon for complete details!

SEND COUPON WHILE LOW PRICES HOLD

Remington Rand Inc., Dept. 317-4
315 4th Avenue, New York, N. Y.

Please tell me how I can get a new Remington Noiseless Portable typewriter, plus FREE Typing Course and Carrying Case, for only 10¢ a day. Also send me, without obligation, new illustrated catalogue.

Name _____

Address _____

City _____ State _____

IN NATURE'S PATH

A good deal of what we call invention is imitation of nature.

The aeroplane is a man-made bird. The submarine is a mechanical fish. The locomotive has been called "The Iron Horse."

So countless objects follow nature's patterns, and in the matter of mechanical principles there is little if anything that we know which wise Old Mother Nature has not always practiced.

What we admire in scientists and engineers is, then, not so much their ability to create things essentially new, as their skill in searching out old but hidden principles, and their remarkable ingenuity in applying these principles to new uses.

There are very few more interesting examples of this skill and ingenuity than the modern automobile.

And there are very few more skilful "imitations of nature" than are represented in the many and varied functions performed by the thousands of parts that go to make up a modern motor car.

There is the basic function of movement. Hence, wheels, and the gearing of power into the wheels.

There is the function of changing direction of movement, and that of moving over various surfaces, on level ground, uphill and downhill.

There is the necessary ability to stop movement. All these require such devices as steering apparatus, brakes and methods of controlling power and speed.

Then there is the function of carrying passengers, and this involves supplementary functions.

One of them is to provide comfort for the passengers... to minimize the shocks of travel which would otherwise result.

Now nature, too, has had the problem of producing shockless movement. In the human body, for example, many devices are utilized toward this end.

First, there is the soft padding of the soles of the feet—the cunning arrangement of the foot arches—the manner in which the ankle is constructed. Next, comes that important factor—the structure of the knee. The easing of shock is also served in the fitting of the spine to hip bones, and thence to the legs; in the miraculously efficient spinal column itself with its cushioning pads of cartilage between the vertebrae; in the manner of balancing our heads on our spines; and finally, the muscles and tendons employed as an elaborate system of springs and shock-absorbers.

Now see how automobile construction parallels nature's plan. The "foot-paddings" of our cars are their tires. The counterpart of the foot arches are the springs between axles and frame. The self-adjusting nature of the ankle is imitated in the universal joint. Rubber cushioning serves purposes similar to the cartilage pads between vertebrae. Shock absorbers have restraining effects like those of muscles and tendons.

Only one major item of nature's provisions is omitted from this list... that important structural joint we call the knee. And in certain cars, even this is present in the properly named "Knee-Action."

And so we have a partial glimpse of automobiles as "imitations of nature." Only partial, of course, for cars must "eat," and cars must "breathe." Cars must "speak" the warning of their approach. Cars must "see" where they are going. And stripped down to basic principles, the devices for accomplishing these purposes are surprisingly like the methods of nature itself. The more we succeed in paralleling nature's methods, the better the car—the more efficiently it performs the functions for which we prize it.

In the automobile... as in all matters of mechanics... the job of the engineer is not so much to blaze new trails as to find his way... with the trained eye of the frontier scout... along the paths of nature.

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The Minnesota Alumni Weekly

Vol. 36

APRIL 17, 1937

No. 27

OFFICIAL PUBLICATION OF THE UNIVERSITY OF MINNESOTA ALUMNI ASSOCIATION

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The Minnesota Alumni Weekly

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MINNEAPOLIS, MINNESOTA, APRIL 17, 1937

NUMBER 27

Dr. Vincent to Speak at New York Banquet

UNDER the impetus of the good start they got last week, the committee for the coming New York alumni banquet have been moving swiftly with arrangements for the April 21st event.

The banquet will take place on that evening, which, by the way, is a Wednesday, at 7:00 P. M., with a short reception at that hour and dinner served promptly at 7:30 P. M. Such great interest has been shown in the event that plans have been made to accommodate between 300 and 400 persons.

The place is the Ballroom of the Hotel McAlpin, 34th and Broadway. We are fortunate in having not only the ballroom itself, but also an adjoining small ballroom, reserved for the evening. This insures our having the entire floor to ourselves, and should give us much more quiet for the dinner hour when distinguished speakers will have the floor, and more service from the elevators, who thus will have no extra hundreds in a next-door party to serve.

Jimmy Caruso's internationally known orchestra, recently returned to New York from a most successful season abroad with engagements at the Hotel Piccadilly in London, and many spots in Paris, will furnish the music. Colette Crowell, promising young radio star, is the soloist with them.

The evening's program is being planned to the minute, with care to provide for all events and yet assure the beginning of dancing promptly at 10:00 P. M.

In the interests of a most lively and informal program, the Committee has announced that each feature will be capable of condensed enjoyment by everyone present. There will be an inspiring talk by Minnesota's distinguished and beloved former president, Dr. George E. Vincent. General

By
RUTH LAMPLAND '28

Alumni Secretary E. B. Pierce will bring news from the campus. Bill Gibson, editor of the Alumni weekly is expected to attend with Mr. Pierce. A Minnesota "granddaughter", Marjorie G. Paquin, daughter of Sam Paquin, our faithful treasurer, will appear in dance numbers—modern ballroom specialties and solo tap numbers. Tom Phelps, as president of the New York Alumni, was the unanimous choice of the Committee and the Board of Governors for the post of toastmaster for the evening, a part he will play ably. And reports, election of officers, and any other necessary business will be reduced to capsule size and concentration so as to allow the evening's entertainment to progress in pleasant tempo.

Among the distinguished alumni who are expected to attend the banquet are:

Earle Bailie, vice-president of J. & W. Seligman & Co., 54 Wall St.

Dr. Charles P. Berkey, '92, geologist, formerly geologist for the Port of New York Authority and teacher of geology, School of Mines, Columbia University.

J. Donald Campbell, president of the Chase National Bank, 18 Pine St.

William Hodson, formerly Welfare Commissioner, New York City, now in charge of relief activities here.

William D. Mitchell, formerly Attorney General of the United States, now of the law firm of Mitchell, Taylor, Capron & Marsh, 20 Exchange Place.

Carl Painter, of the law firm of Cravath, deGersdorff, Swaine & Wood, 15 Broad St.

Levon West, etcher, water colorist, author, with studios at 230 Park Avenue. And many more, too numerous to mention.

Tickets this year are at the phenomenally reasonable cost of \$3.00 per person, with a very special concession in favor of graduates since 1930, for whom the cost will be only \$2.50 per person. It is not too early to send in reservations now. In fact, so large an attendance is expected, it is not amiss to write immediately to Sam Paquin, 235 East 45th Street, New York City, enclosing your check, if you are an alumnus living in New York or elsewhere in the Metropolitan area. Here and now, the New York Alumni extend a cordial invitation to alumni in Schenectady, Bridgeport, Washington, and any other part of this area, to join with us at this April 21st affair. Reservations from our visitors and neighbors may be sent, as are members' reservations, to Sam Paquin, at the address given above.

Under the leadership of Arthur O. Lampland, Law '34, the Banquet

CHICAGO DINNER

The annual spring dinner of the Minnesota Alumni Club of Chicago will be held in May and a committee to make plans for the event is being named by Roy H. Olson '23E, president of the Chicago club. The date has not yet been set. Tentative program plans include an address by a distinguished member of the faculty of the University. Announcements will be sent soon to all alumni in the Chicago area. The alumni club in Chicago sponsors a luncheon each Monday noon at Mandels.

Committee has been energetically cooperating with the Board of Governors of the Association to insure a complete notification of every alumnus in this great area. Naturally, with the continuous influx of Minnesotans into the Metropolitan area, as well as the steady stream of others leaving here for points north, south and west, it is impossible for any one list to be complete. Working with Sigurd Hagen, the Association's Secretary, the Committee has spent long hours going over present lists of graduates in New York to correct addresses, add names of new arrivals and insure completeness so far as it has been humanly possible.

However, there are undoubtedly many alumni who will not have received the letter of announcement which is being sent to each person whose name is on record. Therefore the Committee urgently requests Minnesotans in the Metropolitan area who did not receive this letter to communicate directly with the Committee Chairman, at his office, 20 Exchange Place, or home, 185 East 50th Street, so that they may be listed.

At the banquet, there will be a further move in this direction: registration cards will be given all who are present.

On the Committee are Minnesotans from several classes, any of whom will also be glad to receive the names of unlisted alumni:

Dr. Harold W. Brown, of 15 Park Avenue, New York.

Stanford Bissell, of the Travelers Insurance Co., Empire State Bldg., New York.

David Donovan, of the International Printing Ink Corp., 75 Varick St., New York.

Mary Jane Grimes, of Johns-Manville Corp., 22 E. 40th St., New York.

Bernice Hansen, of the Grace Clinic, 121 Fort Green Place, Brooklyn.

William Hoefl, of Time, Inc., Chrysler Bldg., New York.

Kenneth W. McLaren, of Bankers Trust Co., 16 Wall St., New York.

Robert Orth, of McGraw-Hill's magazine, Product Engineering, 330 W. 42nd St., New York.

Arthur B. Poole, associated with Joseph P. Kennedy, financial counselors, 30 Rockefeller Plaza, New York.

George Stowe, of the Bell Telephone Laboratories, 463 West St., New York, and the Board of Governors, ex-officio.



J DONALD CAMPBELL '02

This Minnesota graduate is president of the Chase National Bank in New York.

MANHATTAN NOTES

Visitors of New York in recent days have included others of our distinguished alumni.

Dr. Clarke Barnacle, 29M, of the staff of the Colorado Psychopathic Hospital, Denver, was honored in being invited to read two papers at the recent "fever conference" attended by prominent physicians from many European countries as well as from all parts of the United States. Dr. Barnacle's subjects were "Psychiatry and Fever" and "Fever and St. Vitus' Dance." Dr. Barnacle, whose home is at the hospital, was married in 1935 to Martha DeBus of Cincinnati. He will be remembered by Minnesotans of fairly recent years as the swimming champion of '26, and a member of Phi Kappa Psi.

Calvin Pontius, 24, who was having dinner with Marshall Crowley, '28Ex and Dr. Barnacle on the evening we met him is now supervisor of agencies for the Fidelity Mutual Insurance Co., on Park Way at Fairmont, Philadelphia. He lives at the Bellevue-Stratford Hotel in that city.

New York is just another "Midway Island", half-way around the world from home, to Marion and Ed-

mund Clubb, both former Minnesotans whose home is now in the Chinese capital, Peiping, where Ed is a member of the staff of the American Embassy. They have been revisiting old scenes during their first furlough in several years, stopped here in New York for a fortnight after having spent some time in Minnesota, and on or about the 14th of this month will take a trans Atlantic liner to European shores and then on across Europe and Siberia to China and Peiping. While in New York they are stopping at the Hotel Park Plaza, 50 West 77 Street . . . Their two children, Zoe, five, and Oliver, seven, are with them. Having been born in China and lived there most of their lives, they are finding the United States as interesting as a foreign country would be to us.

New York is just a succession of microphones to Erik Rolf (Rolf Ylvisaker) a recent graduate whose activities on WCCO made him known to many people throughout the Northwest. Now he is what is technically called a free-lance radio actor and announcer, appearing from time to time on "Show Boat", "Palmolive Beauty Box", "We, the People," and other network shows.

His first big break came last week when he won the CBS free-lance announcer's competition for the post of regular announcer of "Gang Busters", the Phillips Lord G-man serial which is heard over WABC and the Columbia network Wednesday nights at 10:00 o'clock, EST, for a half-hour. He has played various dramatic roles in the show for some months. Tiny Ruffner, the former announcer, has just gone to Hollywood.

This week he scored a second time, being spotted on the coveted Rudy Vallee show, Thursday at 8:00 o'clock, EST, with his "Sound Sleuth" stunt.

Dorothy Bennett, '29, has just been named one of a group of astronomers to go to Peru this coming June, to observe the solar eclipse best visible from that area. She is assistant curator of astronomy at the American Museum of Natural History, New York, working with Dr. Clyde Fisher, curator of astronomy and director of the Hayden Planetarium.

University Press Has Birthday

By Laura S. Thompson

Mrs. Margaret S. Harding, managing editor of the University of Minnesota Press, and the only woman in the United States to hold such a position, was the guest of honor Sunday at a tea celebrating the tenth anniversary of the Press and of her editorship. A group of distinguished authors, librarians, editors, reviewers and others professionally interested in the work of the Press gathered in the campus Center for Continuation Study in honor of the occasion and to pay tribute to the work of Mrs. Harding who has been the guiding genius of the organization since its founding.

In the receiving line were President and Mrs. Lotus D. Coffman and the members of the faculty committee on the Press and their wives, Dean and Mrs. Guy Stanton Ford, Professor and Mrs. John T. Tate, Professor and Mrs. Martin B. Ruud, Mr. and Mrs. Frank K. Walter, and Professor and Mrs. William A. Riley.

Assisting at the reception were Miss Marie Mousseau, secretary to the President, and the following faculty members and their wives: Professor and Mrs. Joseph Warren Beach, Professor and Mrs. Theodore C. Blegen, Professor and Mrs. Alvin C. Eurich, Professor and Mrs. Lewis B. Hessler, Professor and Mrs. Lawrence D. Steffel, and Mr. and Mrs. Arthur C. Pulling.

Also assisting at the reception were Miss Della McGregor, chief of the juvenile division of the St. Paul Public Library, and the following members of the University Press staff: Mr. Harold D. Smith, business manager, and Mrs. Smith; Miss Livia Appel, assistant editor; Miss Jane McCarthy, book designer; Miss Elizabeth Pierce Ebeling, editorial assistant; and Mr. Wilbur C. Hadden, sales and promotion manager; Misses Betty Bayer, Ruth Jacobson, and Lois Olson, members of the University Press office staff, and in addition the Misses Margaret Webster, Alice Riley, and Morgia Anderson.

The well known Minnesota writers who were present were: James Gray, novelist and newspaper critic; Darragh Aldrich, novelist; Carol Ryrie Brink, author of stories for children and winner of the 1935 Newberry

Medal; Joseph Warren Beach, critic and essayist; Dagmar Doneghy (Mrs. Beach), novelist; Deitrich Lange, author of adventure stories for boys; Frances R. Sterrett, novelist; and Alvin C. Eurich and Elmo C. Wilson, authors of "In 1936."

Before her marriage, Mrs. Harding, a graduate of Indiana University, taught history in secondary schools and college, and assisted in the organization of the American Federation of Teachers, of which she was national secretary for a number of years. During the World War she served as executive secretary for the Department of Women in Industry of the Woman's Committee of the National Council of Defense in Washington.

Coming to Minneapolis, when her husband, Samuel B. Harding was brought here as Professor of History, Mrs. Harding could not teach in the University as there is a regulation that only one in a family may be employed by the University. She found a place to teach History, however, and was on the staff of Macalester College for two years.

Author

Mrs. Harding collaborated with her husband in writing several books: "New Medieval and Modern History", "The Story of Europe", and "Old World Background to American History".

Being a great lover of the out of doors, she went one summer soon after graduation from college with her uncle's surveying crew, doing the transit work. She is the mother of three children: John, a junior at the University, a daughter, Margaret (Peggy), a freshman at Swarthmore College, and Mary Katherine, at University Junior High School. A niece, Margaret Webster, completes the family.

Mrs. Harding's first impression of the city and the campus was one of great friendliness. This was no doubt partly occasioned by the fact that she had known Dr. and Mrs. Coffman at the Indiana University, and her husband had been managing editor of Compton's Encyclopedia, of which Dean Guy Stanton Ford was Editor in Chief.



DEAN GUY STANTON FORD

Chairman of the University of Minnesota Press Committee.

Mindful of the timeless and international nature of scholarship, President Coffman in 1925 drafted and the Board of Regents adopted the resolution which became the charter of the University of Minnesota Press. It began its active existence on March 1, 1927, with the appointment of Mrs. Harding as editor. Since that time it has grown rapidly and takes its place today among the most distinguished university presses of the country.

To the general public, the University of Minnesota Press is doubtless best known as the publisher of "The Birds of Minnesota", by Dr. Thomas S. Roberts, a monumental work of encyclopedic thoroughness, containing the finest color-plates of birds ever produced. The plates in a number of low-priced formats have already gone into more than ten thousand homes and schools. The gift of a trust fund to the Museum of Natural History by a group of public-spirited citizens of Minneapolis made possible this great contribution to the knowledge and love of our wild life and to its preservation. This statement is found in the tenth anniversary booklet just issued by the Press:

"The University of Minnesota Press stands in great need of such far-sighted donors who appreciate what permanent publication funds can accomplish. A thousand dollars will not buy much in the way of steel or

glass or stone but it may pay for the printing of a thousand copies of a book that can penetrate and influence thousands of minds and lives in a thousand places over many years."

In 1931 the Press joined the National association of Book Publishers and in the same year made arrangements for joint publication with Oxford University Press. Under Mrs. Harding's direction, the University of Minnesota Press has developed a strong editorial department, supervised by Livia Appel, who joined the staff after ten years in the editorial department of the Minnesota Historical Society.

Federal Aid

Approximately 100 additional federal aid appointments for the spring quarter were made within the past two weeks, Dean Malcom W. Willey, chairman of the administrative board in charge of federal aid has announced yesterday.

The new appointments were made possible when the sessions of the various schools of agriculture throughout the state closed last week and the funds used for aid scholarships at these schools reverted to the University.

The additional funds which the University will receive from this source amounts to an approximate \$4,200 monthly in federal monies and \$450 from the state grant.

Field Trips

More than 60 miners, metallurgists and geologists will take the required spring trips to various parts of the United States.

To northern Minnesota will go 42 sophomores for a two-month stay, during which time they will study surveying and the geology of the iron range. They will leave about May 3.

Seventeen junior members will leave about May 15 for Lead, S. D., accompanied by W. H. Parker, professor of mining, and L. B. Pease, professor of metallurgy. They will also visit mining plants in Colorado Springs and Salt Lake City during the three-week trip.

The Lake Michigan industrial region will be the field inspected by six junior metallurgists, who will also leave about May 15 with Frank Scott, instructor in metallurgy.

Fraternity Conference Held

THE "something new" on the campus this week was the Fraternity Conference which was held Wednesday through Friday. The event brought to the University several national officers of various fraternities and representatives of undergraduate chapters from other schools. The two main purposes of the conference were to provide a period of education and to make possible a program of discussions on the problems facing the organizations. The three-day affair was sponsored by the Interfraternity Council of which Wayne Pickell is president.

With the traditional and somewhat painful Hell week becoming an obsolete institution this new type of program has been developed as a means of acquainting the new members with the background and values of fraternity life. Among those who spoke to the pledge classes were President L. D. Coffman and Dean Frederick Turner of the University of Indiana. Visiting fraternity officials were leaders in round table discussions.

Carl Haase of Phi Sigma Kappa was chairman of the general arrangements for the conference which was the first of its kind to be held on such a large scale. Assisting him were Otis C. McCree '22, assistant dean of student affairs, Wayne Pickell, Rolf Haugen and the following committee chairmen; Robert DeVany, Ben Williams, Walter Robb, Robert Holton, Gray Henderson, Robert Manly, James Lund, Bob Hillard and Fred Warner.

Study Center

The sessions of three Institutes were held in the Center for Continuation Study during the past week. And Director Harold Benjamin was busy completing plans for an Institute for architects which will be held soon and at which will be studied the various advances being made in this profession.

A four-day conference on art opened Monday under the direction of Mrs. Charles A. Guyer, and Ray Faulkner, instructor in art. This Institute was presented by the University in cooperation with the Minnesota Federation of Women's Clubs

and dealt with various fields of art ranging from modern tendencies in painting, dress designing and creative experiences to housing and industrial design.

During the course of study, members of the institute were given opportunities for laboratory work in their various fields through the use of University facilities. Those interested in dress design and fashions spent Wednesday afternoon in the Home Economics building at University farm working with fabrics. Two departments, the arts laboratory in General college and the University Gallery were open to the members.

From Monday through Saturday a post-graduate medical institute in roentgenologic diagnosis — "X-ray" technique was held.

A study institute in secondary education, offered by the University in cooperation with the Progressive Education association, was held during the latter part of the week, beginning Thursday, April 15.

Faculty Changes

Andrew Hustrulid, research assistant in physics, has been appointed assistant professor of agricultural engineering in the agricultural engineering division at the University farm to succeed the late Julius Romness.

Mr. Hustrulid will be in charge of teaching and research in agricultural physics and rural electrification. He has been a member of the research physics staff for the last six years and will complete work for his Ph.D. in agricultural physics this spring.

Orlando W. Howe, instructor in agricultural engineering, has resigned from the University farm faculty to accept an appointment as assistant land clearing specialist with the United States department of agriculture, W. C. Coffey, dean and director of the department of agriculture, announced this week.

Mr. Howe, who will assume his new position this week, will be stationed at the University farm. His work will include drainage, stumpage, soil erosion and reorganization and rearranging of farms for more scientific operation.

More Than 5,000 Athletes

ACTIVITIES in spring sports on the campus are not confined by any means to the members of the various intercollegiate squads. As a matter of fact in point of numbers the varsity training groups are small as compared to the regiments of men students who take part in the intramural program of sports.

Last year more than 5,000 students were registered for competition in the various intramural games and the number is on the increase from year to year. Diamond ball is the pastime which attracts the greatest number of competitors during the spring quarter and nearly every men's organization on the campus is represented by a team. Regular baseball is also included on the intramural program.

Many of the athletes on these teams get up early in the morning for their exercise for games are played in the early morning hours before the first classes . . . and even before breakfast. The hours in the late afternoon provide another playing period. The old parade ground across from the Armory is no longer available as a scene of athletic activity since the erection of the Center for Continuation Study building in that area and playing space is now centered in the recently-cleared blocks between Fourth Street and the railroad tracks.

During the spring quarter there is also intramural competition in tennis, track, golf and horse shoe throwing.

Grid Games

On Northrop Field Saturday afternoon was held the first inter-squad game of the spring football training season with a group of veterans lined up against the newcomers including the reserves from last year and the freshmen. The younger athletes put up a stubborn battle but they were unable to stop the scoring activities of Fullback Larry Buhler of Windom, and the two halfbacks, Bill Matheny of Anoka, and Wilbur Moore, of Austin. These men broke away on several long runs and gave their side a total of 48 points to six for the more inexperienced squad.

The play was ragged on both sides but the engagement served to give the coaches some idea of how much the

newcomers have learned about the game of football at taught by Bernie Bierman and his assistants. There is a need for strong reserves in the end positions and among the leading freshman candidates for wing posts are John Mariucci of Eveleth and Earl Ohlgren of Cokato.

New Coach

Minnesota track athletes are now working out under the direction of the new head track coach, James Kelly, who came to Minnesota at the beginning of the spring quarter from De Paul University in Chicago where for several years he had been head coach in basketball, football and track. Although the weather has prevented any out door workouts this spring the members of the team had their first competition of the year on an outside track Saturday at Lincoln, Nebraska against the Cornhuskers. The Nebraskans won the meet by a decisive margin with their team paced by the Olympic shot putter, Sam Francis.

Tennis

Coach Phil Brain has five lettermen on his Gopher tennis team which will open the conference season against the Badgers of Wisconsin on May 1. The veterans are Paul Wilcox, John Scherer, Edward Arnold, Charles Huntley and Phil Brain, Jr.

Snow, rain and cold winds have combined to keep the tennis performers on the inside courts in the Field House thus far this spring. They must get the feel of the outdoor competition however before their initial conference meet. There is a possibility that a game will be scheduled with the Carleton team prior to the May 1 engagement with Wisconsin.

Champions

Minnesota's Big Ten championship rifle team rates third among all collegiate firing squads as listed in the 1937 team standings by the National Rifle association.

Third place honors were awarded the Gophers by the NRA from Washington, D. C., following the competition of sectional and regional



FRANK WARNER

This veteran Gopher end will be eligible for another year of competition, it was announced this week. He has reported for spring practice.

matches in different parts of the country.

The United States naval academy won first place position, and George Washington University of Washington, D. C., finished second.

In the NRA sectional meet for this part of the country, Gophers competed at Illinois, winning first place with a 1,364-point total. That win allowed Minnesota to keep possession of the Russell Wiles trophy, emblematic of the Western Conference crown, for the fourth consecutive year. Illinois and Ohio State ran second and third, respectively, in the Big Ten.

Water Polo

New excitement and entertainment will be added to the varsity dual swimming meets next year with the development of a water polo team at Minnesota. Coach Niels Thorpe is working with classes in this sport this spring and plans to enter a team in conference competition next winter.

This is really a game for fish or ducks because the players usually spend considerable time with their heads under the water. And even the best of swimming coaches have not yet been able to teach their proteges how to breathe very satisfactorily while completely submerged. The addition of water polo to the dual meet programs will undoubtedly attract more spectators to the meets.

Committee Votes On Appropriations

EARLY this week the appropriations committee of the House of Representatives of the state legislature allowed a grant of \$3,700,000 for the general maintenance of the University during each year of the next biennium. Also approved were special requests totaling \$328,500 and these items were to be considered and passed upon by the House this week.

The general maintenance grant represents an increase of approximately \$600,000 over the amount available to the University from state appropriations during the two year period which closes on June 30 of this year. In their requests for the biennium the Regents had asked a maintenance fund of \$4,000,000 a year.

It was expected that the finance committee of the senate would announce its recommendations on the matter of University support sometime this week. If there are differences in the amounts recommended by the Senate and House it will then be necessary for the two groups to arrive at similar figures before the bill can go to Governor Benson for his signature.

The increased grant for maintenance, following the regents' request based on swelling enrollments and an underpaid staff, was recommended following a conference of University officials with the appropriations group. Representative William Ost, committee chairman, stated that salary increases among the lower bracket employees had been agreed to as a condition of the larger grant.

A regents' committee has been formulating a revised salary scale for maintenance employees and lower ranking faculty members.

The regents' appropriation requests for special University projects were reduced only slightly by the house committee. Most of the projects were granted the requested amounts, and only the \$30,000 asked for the Graduate school of social welfare, a new project, was substantially reduced.

The committee recommended the \$75,000 annual grant for maintenance of the new psychopathic ward.

Requests for special projects are contrasted with the recommended grants as follows:

	Requested Yearly	Recom- mended
Agricultural extension	\$40,000	\$40,000
Soil experiments and survey	15,000	10,000
Dairy manufacturing	5,000	5,000
Benefication of Manganiferous ores	6,000	6,000
Benefication of low grade ores	6,000	6,000
Cast iron pavement	7,500	7,500
Medical research	25,000	25,000
Crop breeding and testing	4,000	4,000
Live stock laboratory	20,000	20,000
Graduate school of Social Welfare	30,000	15,000
Institute of Child Welfare	20,000	20,000
Psychopathic hospital	75,000	75,000
State share of county indigent patients for U. hospital	85,000	85,000

In Chicago

FROM Carlyle E. Anderson '32B, who is on the staff of the Hart Magazine Group with offices at 1161 Merchandise Mart in Chicago, come the following notes on Minnesotans in that city:

J. M. Barclay '27, who has been in the Operating Division of Marshall Field and Company for the past year, has been made manager of The Merchandise Mart. Before taking a position in the retail division of Marshall Field four years ago he headed the Barclay Sales and Engineering Company in Minneapolis. He is a member of Delta Upsilon fraternity.

John N. Doherty '31B, has recently left the HOLC in Chicago to join the Employers Mutual Insurance Company of Wausau, Wis., with headquarters in the Chicago office.

James W. Ringwald '30B, who returned last fall after two years in the Argentine with the Cargill Elevator Company, is now in the Chicago office of the same firm in the Board of Trade building.

Clarence E. Englund '23Ex, continues to keep Chicago well Buzza-

minded when it comes to greeting cards. He is branch manager for the Buzza Company with offices in the Kesner building.

Carl Soderstrom '30B, is seen in the best circles in search of plus insurance business for Chicago's great La Salle Street insurance firm, W. A. Alexander & Company.

Former Minnesotans seen about Chicago's Merchandise Mart daily are Albert S. Goustin '34B, and J. M. Barclay '27, building manager.

Don R. Innes '26B, is merchandise manager of the first floor departments of Block & Kuhl's in Decatur, Ill.

Harold Mittlestaedt '14Ex, is department manager for the underwear division of Marshall Field and Company, manufacturing division, with offices at 200 Madison Avenue in New York.

Ralph Longstaff '10Ex, vice president of Rogers and Tracy, Chicago investment firm, and Carlyle E. Anderson '32, are vice president and treasurer respectively of the Chicago Alumni Chapter of Kappa Sigma fraternity, one of the largest and most influential alumni groups in the city. Clark Bodenback (Kappa Sigma) of Dartmouth and Minnesota fame, presently movie critic for the Chicago Daily News, is spending some time in the Scandinavian countries.

Jack Manders jumps from the grid-iron into the advertising field and sells engravings off season for the Faithorn Corporation in Chicago.

Open To Alumni

The University golf course north of University Farm was opened for the season to alumni, students and faculty members Saturday. Alumni identification cards may be secured in the athletic building on Northrop Field at the open end of Memorial Stadium.

Working out on the course daily the members of the Gopher golf squad which includes only three veterans, Wally Taft, Charles Wilkinson, Mel Larson and Dick Tang. Coach W. R. Smith has a group of new candidates for positions on the team including Warren Colton, a Utah state amateur champion, William Hamilton of Omaha and Lawrence McMaster, Francis Stodola and Richard C. Smith. The Minnesota golfers will meet Carleton in the first dual engagement of the season at the University Course on April 21.

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The Reviewing Stand

W. S. G.

At Oberlin

MINNESOTAN follows Minnesotan on the athletic staff of Oberlin College at Oberlin, Ohio, with Walter Hargesheimer '34, being appointed to the position formerly held by Roy Oen '33, who resigned recently to enter his father's business at Thief River Falls. During the past two years, Hargesheimer has served as athletic director and coach of all sports at Sioux Falls College, Sioux Falls, South Dakota. While at Minnesota he won letters in track and tennis and was a member of the basketball and track squads. He came to the University from Rochester.

Hail! Minnesota

The song "Hail! Minnesota" was first presented before a public audience as a feature of the class play of the class of 1904 in the Metropolitan theatre in Minneapolis in June, 1904. It won immediate favor and was sung again by the class at the Commencement exercises.

Here is the story of the origin of this famous song. During the summer of 1903 several members of the class of 1904 camped together on Webb Lake near Hackensack. In the evening the group would gather around the camp fire to sing any songs that they happened to know and it is possible that "Sweet Adeline" was on the list. There were also college ditties of course but at that time neither "Hail, Minnesota" nor "The Rouser" had been written.

The accompanist for the singers was Truman E. Rickard who twanged the melodies on his banjo. And he added a touch of originality to the songfests by presenting some of his own compositions. Among those in the group was M. Leroy Arnold . . . now a well known dramatic and literary critic . . . who happened to be chairman of the senior class play committee. He thought it would be a fine idea to have a class song to be sung at the time of the presentation of the senior play and he commissioned Rickard to write the music.

Late in the winter he had completed three different melodies which were played for the play committee. They immediately selected the music now used in "Hail! Minnesota". A girl was given the job of writing the words for the song but a week before the senior play was scheduled to go on the boards there were no verses completed and it appeared that the music might be relegated to the attic.

Mr. Rickard's mother sensed the possibilities of the music and insisted that he go ahead and write the words. With the assistance of an older friend two verses were hastily prepared and the song was presented as per schedule on the senior play program. Following the second appearance of the song at the 1904 commencement exercises it was neglected for a year and a half, until B. A. Rose, the director of the University band, prepared an arrangement for his musical organization and played it at the football games during the 1905 season.

In the same year the distinguished Minnesota poet, Arthur Upson '05, wrote a verse for the song. As it is now sung, the first verse and the music are the work of Mr. Rickard while the second verse is the one prepared by Arthur Upson.

In 1924, Mr. Rickard again tried his hand at writing a college song and completed both the words and the music for the "Minnesota Fight Song".

World Tour

Mr. G. Sidney Phelps '99, has just returned from a tour of the world and is now at home at 375 Mt. Auburn Street, Cambridge, Massachusetts. He directed a party of travellers which spent five months in eight Oriental countries. Mr. Phelps is well versed in the customs, languages and historical background of these countries for he spent more than 25 years as director of Y.M.C.A. activities in Japan and retired from that post just two years ago.

Together with Mrs. Phelps (Mary Ward '97), he will visit Minnesota this summer to attend reunions of their classes on the campus and to visit with old friends.

He is now preparing the itinerary for another World Tour. With a group he will sail from San Francisco on October 16 on the "President Coolidge", returning to New York on April 6, 1938.

Medical Speakers

Thirteen members of the department of anatomy represented the University at a meeting of the American Association of Anatomists in Toronto, Canada, last week.

Each of the Minnesota representatives presented papers and demonstrations in connection with his particular research work.

Dr. Arthur Kirschbaum reported on "The red blood cells of mammalian embryos." Dr. D. S. Jones spoke on "The histogenesis of the sympathetic trunks in the chick embryo." Both Drs. Jones and Kirschbaum are teaching fellows in anatomy.

"Some interesting human hypophyses and their functional significance" was the subject of Dr. A. T. Rasumssen, professor of anatomy. Dr. C. M. Jackson, head of the department of anatomy, gave a paper on his research on growth of rates under regulated and suppressed feeding.

Dr. R. F. Blount, assistant professor of anatomy, spoke on the subject of hypertension (blood pressure) glomerulus produced by excess pituitary tissue.

A demonstration and paper was given by Dr. A. R. Ringoen, associate professor of zoology, and Dr. Kirschbaum, whose work was based on gonadal activity and a further research study of the English sparrow.

Quantitative studies on the human kidney were discussed by Dr. Richard E. Scammon, distinguished service professor, and "Developmental stages of the 'pernicious anemia neutrophil' in biopsied bone marrow" was the topic presented by Dr. O. P. Jones, instructor of anatomy.

Heading round table discussions were Dr. Scammon and Dr. E. A. Boyden, professor of anatomy. Dr. Scammon also conducted a demonstration on "The involution of the great or frontal fontanelle."

Other staff members of the department of anatomy who attended the meeting were Dr. S. P. Miller, assistant professors of anatomy, Dr. R. N. Baillif and Dr. R. C. Truex, teaching fellows in anatomy.

Minnesota Women—

GERTRUDE H. Huntley '18, who is Minnesota's only woman champion checker player and probably one of the few women in tournament class in the world, claims that her game is an excellent pastime after grilling hours of study on one's doctor's degree at the University. She may be even as good as the University champion—Skipper, the conductor.

If you're looking for a cure for frazzled nerves, play checkers, she suggests. She won the class B championship in the state tournament in February, the only woman who has ever done it. No doubt one championship-producing factor was that she has had much practice because, she says, "After you've played a short time you discover that you are completely relaxed. A half hour's play always rests me."

And she finds the course in diplomatic history she has laid out rather strenuous.

"Most people think of checkers as a kid's game," she observed. "Of course that's ridiculous. The best players, the keenest minds, have not yet mastered the game. And when you think that checkers has fascinated men all down through history you begin to grasp its scope and appeal."

"Why aren't there more women checker players? It's probably lack of opportunity, for checkers is a sociable game and women like that. However, it doesn't offer the opportunity for conversation that other games do."

Concentration

She believes the power to concentrate and visualize plays far ahead are the first requirements for a good checker game. She began playing when a youngster by studying a checker column in a newspaper. She worked out problems and each evening coaxed her father to play several games with her.

Then she didn't play for years. But two years ago when she was teaching in Coleraine Junior College, she began playing again. She now has studied dozens of books on the subject and plays as often as she can.

There's no truth, according to her, in the old saying, "women don't make good checker players because to do things by intuition."

Who's doing what . . . While on

her way to Savannah, Ga., where she was married April 8 to William C. Kahle, Miriam Leland and her mother, Mrs. O. M. Leland, stopped in Richmond, Va., for a visit with Louise Leland who will receive her doctor's degree in medicine this spring from the University of Virginia.

Gertrude M. Hilleboe '17Ex, dean of women at St. Olaf College . . . principal speaker at the Arrowhead high school girls' conference in Chisholm, Minn.—Geraldine Scully '35Ed, instructor at St. Elizabeth hospital, Lincoln, Neb., is the newly-elected president of the Third District Nebraska State League of Nursing Education . . . and also treasurer of the Third District State Nurses Association—For Muriel Johnstone '38Ex, who on May 8 will "middle aisle" it with Clifford Scribner of Denver, sorority sister Jane Bossen gave a tea and hosiery shower at which other Sigma Kappas were guests.

Short Stories

Mary L. Martin '31Ed, who is principal of the Schiller school, Minneapolis, proposed a school for small children who show tendencies toward delinquency, operated by experimentally minded teachers as one solution of juvenile delinquency . . . though she admits the idea Utopian—Eleanor Chalgren '35Ag, carefully balances calories and vitamins as assistant dietitian at Swedish hospital, Minneapolis . . . Grand Rapids, Minnesota's librarian, Mrs. Mata G. Bennett (Mata Loux '14Ex), rapped the gavel, if necessary, at the latest meeting on April 8 of the Arrowhead Library club of Minnesota . . . while Ruth Vandyke '14, kept the minutes . . . Miss Vandyke is librarian at Coleraine, Minn. . . the meeting was held at Hibbing.

Dr. Mary Ghostley '09Md, of Puposky, Minn., was elected second vice-president of the Upper Mississippi Medical society.

Plans are being made quickly for entertaining Margaret Spence who will be a late spring bride of Robert Larsen. Just recent was a bridge and miscellaneous shower by Mrs. Kenneth J. St. Cyr, and later Mrs. Russell Gray. Jean Crocker entertained several Gamma Phi Beta sorority sisters when the guests of honor were three

FIRST ALUMNA

Mrs. H. M. Williamson (Helen Marr Ely '75), died at her home in Portland, Oregon on April 3. She was the first woman to be graduated from the University of Minnesota and had retained an interest in the school to the time of her passing. She was born in 1850. She had lived in Oregon since 1889 and is survived by a son, Sumner Williamson of Pasadena, Cal., and a niece and nephew, Mrs. James Conlet and Mason Moltzner, both of Portland.

Julius Miner of Minneapolis is the one surviving member of the class of 1875 which celebrated its sixtieth anniversary two years ago.

spring brides, Miss Spence, Beret Hagen and Camilla Wells. At Anoka Mrs. Douglas Reed and Margaret Reed entertained at a kitchen shower, and a knick-knack shower was given by Lora Lee Chase.

Vacationer Myrtie Hunt is enthusiastic about Bemidji . . . where she teaches physical education this year . . . notice that Betty Grove is on the list of class representatives for the New York alumni banquet . . . Della Ebert, Winnipeg, down for a few days' jaunt, recently.

Spring swing . . . the Panhellenic ball which falls on the twenty-third of this month, and followed the ever-colorful St. Patrick's Day on April 16 . . . at which the green-cloaked knight and his queen rode on white horses. Climaxing the spring social program will come the Senior prom, May 7. Cap and Gown day will bring the junior girls' luncheon for the seniors, and the Matric banquet, given by Theta Sigma Phi, honorary journalism sorority, May 11. Vivian Witt is chairman.

The Alpha Gammis celebrated its second annual International Reunion day, a day set aside for the meeting of all alumnae, actives and pledges, April 17. The Minnesota chapter had luncheon at the King Cole hotel. Marian E. Miller, alumnae chairman, held the reins in arrangement affairs. Other committee chairman included Mrs. Mildred Horn Hall, program; Helen Donnellan, luncheon; Mrs. Ray Bergerson, Mothers' club tea; and Elizabeth Smollett, publicity.

BOOKS

POWER AND ELUSIVENESS IN SHELLEY,
BY OSCAR FIRKINS. PUBLISHED BY
THE UNIVERSITY OF MINNESOTA
PRESS.

*Reviewed by Elizabeth Atkins, As-
sistant Professor of English, Univer-
sity of Minnesota.*

IF Oscar Firkins were alive and over-seeing the publication of his **POWER AND ELUSIVENESS IN SHELLEY**, I suspect that he would rename it simply *Shelley's Imagery*. For it is a book of the same nature as Caroline Spurgeon's recently published *Shakespeare's Imagery*. It is written with quite as much insight as her excellent study, and it will have the same sort of value to the student fascinated by the psychological problems involved in poetic imagery in general. It is a curious thing that the terminology of grammarians and philologists has made the formal study of figures of speech, throughout the centuries, one of the dustiest and least rewarding of investigations. What does it profit a reader to notice whether a poet is partial to similes, or metaphors, or tropes, or analogies? But since the development of twentieth-century schools of psychology, especially of Freudianism and behaviorism, a new interest in imagery is raising. The student searches for the unconscious revelations, in a poet's imagery, of what sights and sounds and other sensations sank most deeply into his consciousness in childhood. For the reader feels that these sensuous influences moulded the individuality of a poet's utterance far more significantly than his conscious reasoning ever did.

This posthumously published book, moreover, was written long before Miss Spurgeon's first pioneering essay on Shakespeare's imagery was printed, and before the words Freudianism and behaviorism were coined. Consequently its independence and originality of attack (in studying the content rather than the form of poetic imagery) give the book added interest to the many readers who find revelations of Oscar Firkins' person-

ality not the least engaging aspect of his works.

One warning should perhaps be given. The reader who expects to find all of Oscar Firkins here will be disappointed. This volume was written not so much by Oscar Firkins as by that young graduate student (too brilliant and original for the comprehension of his professors) who later became Oscar Firkins, stylist and critic. The later essays, in which everything has been cut away except the heart of the idea, making the pages a succession of flashing, exquisitely carved epigrams, is prefigured here only in sporadic sentences. But the economy of style is here; the reader will never be bored by an unnecessary paragraph, or phrase even. It is a book which will be invaluable to the serious student of poetry in its psychological aspects, and which will be rewarding to any general reader who enjoys Shelley's poetry. And, I may add, it will be pleasing to the reader who is repelled by Shelleyan enthusiasts, growing wild hair in honor of their idol and palpitating to every syllable of "I fail, I sink, I die," and the like. Mr. Firkins palpitates with a difference, and with a nicely measured discrimination.

Sorority Notes

Sorority doings . . . Alpha Xi Deltas entertained an out-of-town alumna, Margaret Christenson from Gilbert, Iowa, last week . . . Mrs. Adelaide McCrimmon, Kappa Alpha Theta's new president, was one of the main speakers at the sorority's Founders' day last week at the St. Paul Woman's City Club . . . Held April 12, the Alpha Phi spring banquet. Mrs. V. C. Benton, toastmistress, called on both actives and alumnae to take part, while Mrs. Donald S. Burris and her committee arranged the program of entertainment.

Irma Hammerbacker and Dorothy Sonnenfeld assume the responsibilities of alumnae advisors for Alpha Omicron Pi sorority.

Delta Zeta alumnae watched puppets at their last meeting after first disposing of the appointment of a nominating committee. Mildred Welandner took charge.

Delta Gamma mothers met for luncheon at the home of Mrs. M. F. Falk last week. Mmes. H. C. Yost, H. E. Sanders, F. W. Curtis and Algot E. Swanson assisted.

Brief Notes About Minnesota Alumni

12,000 Minnesotans read this department each week for news of friends of College days.

—1895—

Walter N. Carroll '95L, '96L, an attorney in Minneapolis for more than 30 years, died Sunday, March 21, at Northwestern hospital, Minneapolis. He was 73 years old. Mr. Carroll had an office in the Phoenix building, Marquette avenue and Fourth street, of which he was the owner.

Born in Philadelphia, Mr. Carroll came to Minneapolis in the early 1890's. Before coming to Minneapolis he practiced law at DeSmet, S. D. Mr. Carroll was a member of the Minneapolis Athletic club and of Zuhrah temple of the Shrine.

Surviving are his wife, Mrs. Elizabeth B. Carroll, a daughter, Mrs. Helen Carroll White of Kansas City, and two sons, Charles B. Carroll of Minneapolis and Richard Carroll of Chicago.

—1897—

Harry A. Lund '97L, of Minneapolis, discussed "The Achievements and Influence of John Lind" before members of the Thomas Jefferson Democratic club of Minnesota.

—1899—

Parker W. Kimball, Sr. '99L, for 25 years one of the leading attorneys of Spokane, Wash., died suddenly March 30 at his home of a heart attack. He had been playing cards with his wife and friends earlier and had been home but a few minutes when stricken. Mr. Kimball was 57 years old.

He was associated in law practice with Justice Bruce Blake and the late Arthur Lee, and was prominent in Spokane civic affairs and Masonic circles.

Mr. Kimball is survived by his widow, a son, Parker, Jr., two sisters, Grace Kimball, Waltham, Minn., and Mrs. Dorothy Torsliff, Union Springs, N. Y., and a brother, Paul, Austin, Minn.

—1900—

Mr. '00L and Mrs. F. A. Bean, and their son, J. Boynton Bean of Minneapolis have returned from Ocean Springs, Miss. Mr. Bean and J. Boynton left Minneapolis by motor a few weeks ago to meet Mrs. Bean who

had been spending some time there. They took a house there until March 30, and returned in time for J. Boynton, a senior at Blake school, to resume his studies.

Dr. '00 and Mrs. E. Ernest Munns, and their son, Milton, have come back to Minneapolis after vacationing for six weeks along the Gulf of Mexico. They spent some time in Corpus Christi, Brownsville and Galveston, Texas. They returned by way of Duncan, Okla., to visit their son and daughter-in-law, Mr. and Mrs. Leslie E. Munns.

—1901—

Dr. B. S. Adams '01Md, of Hibbing, will speak at one of the sessions of the annual meeting of the Minnesota State Medical Association to be held in St. Paul next month.

—1902—

Dr. Eugene W. Kahier '02D, for many years a dentist at Little Falls, Minn., died there suddenly March 14.

—1903—

John G. Flynn '03M, is now general manager of the Shalluck Denn Mining corporation, one of the larger mines in the Bisbee district, Bisbee, Ariz. John G. Williams of Duluth is one of the directors.

"Get the 'Bg Ten' to do away with that past season rule," suggests Mr. Flynn; "I and many other thousands want to see Minnesota play in the Rose Bowl."

Dr. H. C. Irvine '03Md, consultant in venereal diseases for the state department of health, discussed syphilis and other venereal diseases at a health forum at the Minneapolis public forum. He illustrated his lecture with motion pictures of active cases and living germs in operation.

Mr. Newton H. Hegel '03, principal of Folwell Junior high school, Minneapolis, spoke on "The Relation of Camp Fire to the School Program" at a four-state district conference of the camp fire organization in Minneapolis recently.

—1904—

Martin D. Aygarn '04, 3600 Portland avenue, educator and business man, died Monday, April 5, at Deaconess hospital. He was 60 years old. Born September 3, 1876, at Mabel, Minn., he graduated from the University and was superintendent of public schools at St. Charles, Eyota, Sauk Center, Crosby-Ironton and Buhl. He was past president of the Northern Minnesota Education association. Since 1924, however, he

NEW ADDRESS

Paul Nelson '26, the Weekly's Chicago correspondent, announces the establishment of editorial, advertising, and circulation offices of The Scholastic Editor, on the 33rd floor of the 333 North Michigan Avenue Building in Chicago. The Scholastic Editor is the leading magazine for student journalists and the official organ of the National Scholastic Press Association, which is directed by Fred L. Kildow, member of the Minnesota journalism department, and located in 17 Pillsbury Hall.

has been affiliated with the Mutual Trust and Life Insurance company of Minneapolis. He was a member of Ark lodge, No. 176, A.F. & A.M., Scottish Rite, Zuhrah Shrine temple, and the big brothers committee for crippled children of Shrine hospital. Survivors are his wife, Ruth; a sister and six brothers. Burial was made in Lakewood cemetery.

—1905—

Mrs. Joseph P. Kane (Isabelle V. Browne '05), of Tacoma, Wash., died Tuesday, April 6 there. Funeral services were held at Tacoma the following Saturday. Mrs. Kane was a former resident of Minneapolis and taught school in Minneapolis before her marriage. Surviving are her husband and seven children in Tacoma, her mother, two sisters and two brothers. She was 50 years old at the time of her death.

—1906—

Mr. '06Ex and Mrs. N. L. Enger, of Minneapolis, returned recently from a two months' trip, visiting Tuscon and Phoenix, Ariz., before going to Mexico. En route home they visited their daughter and son-in-law in Chicago.

Mr. '06L and Mrs. George C. van Dusen, who are spending the season at Palm Beach, were tea guests of Prince Mikhail Groundoroff at the Coconut Grove.

—1907—

Dr. Oliver J. Lee '07, director of Dearborn Observatory of Northwestern University, has returned from a six months vacation in Mexico and has resumed his radio talks over WGN, "Night Skies and Beyond," Tuesdays at 10 p.m. He lectured and

showed six reels of astronomical movies April 1 at the Brooklyn, N. Y., Academy of Sciences.

—1908—

Dr. '08Md and Mrs. Arthur C. Strachauer (Ehrma Lundberg '23), have returned to Minneapolis from a southern cruise.

—1909—

Jay T. Ellison '09E, chief engineer of the Minnesota state highway department, spoke on "Highway Development and Construction in Minnesota" at a meeting of the student chapter of the American Society of Civil Engineers recently. The lecture was the second of a series given by members of the highway department to make engineering students familiar with the department's work.

Dr. '09Md and Mrs. L. E. Doolittle, of Duluth, and their daughter, Marjorie, are vacationing at Miami Beach, Fla.

—1910—

Dr. O. W. Yoerg '10Md, is one of the Minneapolis doctors scheduled to be on the program of the eighty-fourth annual meeting of the Minnesota State Medical Association May 3-5.

—1911—

C. G. Schulz '11, '12Gr, of St. Paul, was named secretary emeritus by the executive board of the Minnesota Educational association a short time ago. Mr. Schulz was state superintendent of schools from 1909 to 1919.

Mr. '11Ex and Mrs. William Welch, of Lake Minnetonka, Minn., have returned home after spending the winter in Miami. They also stopped for a week at New Orleans and motored through Texas en route home.

—1912—

Fred G. Kustermann '12P, of St. Paul, was re-elected president of the Northwest Pharmaceutical Bureau which sponsored the Northwest Drug Show in St. Paul April 6-9, and was named vice-president of the Minnesota State Pharmaceutical Association. Other alumni named to posts in the state association were Charles T. Heller, Jr. '15P, of St. Paul, and Joseph Vadheim '15P, of Tyler, Minn., members of the executive committee.

Dr. F. J. Wulling, founder and dean emeritus of the University's school of pharmacy, was presented with a bronze plaque at the convention for his services to pharmacy.

—1916—

Walter F. MacGregor '16Ex, Minneapolis engineer with the state relief agency has been named by the Minnesota state executive council to aid in settlement of land cases at the Lac Qui Parle water conservation site.

—1917—

Mr. '17E and Mrs. George Fossen, of Chicago, have as guest Mr. Fossen's sister, Mrs. Carl W. Waldron, Minneapolis.

Dr. '17Md and Mrs. G. L. Merkert, are back in Minneapolis after a Panama Canal cruise which included visits in Honduras and Mexican ports.

—1918—

Dr. A. A. Zierold '18Md, of Minneapolis, will be a speaker at the convention of the Minnesota State Medical Association in May.

Dr. and Mrs. Arthur A. Zierold of Minneapolis, who have been on the Sanibel Island, off the coast of Florida, since March 12, have returned to their home in Minneapolis.

Dr. Harold S. Diehl '18Md, dean of medical sciences, left with Dr. K. F. Maxcy for Washington, D. C., recently, to attend a conference of the state and provincial Public Health Authorities of North America.

Dr. J. C. McKinley '18Md, professor of neurology and head of the division of nervous and mental diseases, declared that the results of the new insulin "shock" treatment for dementia praecox recently used in Minneapolis hospitals and Minnesota state institutions, have been very encouraging. An appropriation for the University psychopathic unit is now pending.

—1919—

Dr. L. M. Winters '19Ag, of the division of animal husbandry at University Farm is conducting an experiment with 75 specimens of embryo calves to determine the extent of environmental factors on prenatal development of cattle. This is closely tied up with another experiment of artificial breeding he is conducting. Catherine Barrett and Ralph Comstock, graduate students, have assisted him for 3 years.

Rudolph H. Anderson '19, of the firm of Boulay-Anderson-Waldo, Inc., 1700 Rand Tower, Minneapolis, returned last summer from a trip to Europe with Mrs. Anderson. They were among the first passengers to sail on the Normandie.

New York Class Representatives

THE following alumni in New York have been appointed class representatives for the banquet to be held by the Minnesota Alumni Club of New York on Wednesday evening, April 21.

1936—Wilbur H. Schilling and Emogene Claybaugh; 1935—William Baring-Gould and Dorothy Kennedy; 1934—Dave Donovan and Dorothy Harris; 1933—Kenneth W. McLaren and Bernice Hansen; 1932—William Hoeft and Bette Grove; 1931—Robert Orth and Mrs. E. V. Silver (Margaret Dredge); 1930—Carl M. Anderson and Helen Frank.

1929—Richard Taylor; 1928—Howard Haycraft and Mrs. Ray Busch (Virginia Ann Granger); 1927—Stanford Bissell and Mrs. J. Lyman Brown (Molly Griffin); 1926—John Broderick and Mrs. W. L. Husband (Florence Kunze); 1925—Ralph Rotnem and Mrs. H. W. Walquist (Helen Thorne); 1924—Norris Darrell and Mrs. Darrell (Doris Williams).

1923—Thomas W. Phelps and Helen Hoffman; 1922—George H. H. Lamb and Helen McGrath; 1921—Dr. William W. Baade and Gladys E. Meyerand; 1920—Raymond A. Lockwood and Elizabeth M. Lynskey; 1919—Ernest W. Lampe and Mrs. Katherine Wise Jefferson; 1918—Dr. Louis A. Hauser and Mrs. Curtis G. Pratt (Florence Dale).

1917—Arthur B. Poole and Grace LaMar; 1916—Arnold Michelson and Alice McCoy; 1915—Carl Painter and Elizabeth Barton; 1914—Harvey Hoshour and Mrs. Will Hodson (Gertrude Prindle); 1913—Will Hodson and Mary B. Kolars; 1912—Dr. Harold J. Leonard.

1911—Joseph C. Woodman; 1910—Eunice Smith; 1909—Walter C. Beckjord and Mrs. Zenas L. Potter (Miriam Clark); 1908—John H. Ray and Sarah T. Marshall; 1907—L. Arnold Frye and Josephine Schain; 1906—H. W. Mowry and Alice M. Stewart; 1905—Irving R. Ely; 1904—Edward J. Cheney; 1902—H. L. Burns and Edna Twamley.

1901—Reinhard A. Wetzel; 1899—Jeanie M. Jackson; 1898—Roy V. Wright; 1897—M. A. Myers; 1896—Martin E. Goetzinger; 1895—Edgar W. Danner; 1894—Samuel S. Paquin; 1893—Halsey W. Wilson; 1892—Harrison E. Fryberger; 1891—Dr. Rose Anne Bebb; 1890—Arthur M. Wickwire.

—1920—

Dr. A. H. Maze '20D, of Winona, Minn., was returned to the office of mayor for a two-year term without any opposition.

Dr. Ruth E. Boynton '20Md, director of the Students Health Service, spent spring vacation in travel through the South and West. By request, she consulted with the president of the Mississippi State College for Women at Columbus about the school's new health service and program. As one of the five new members of the continuation committee for the National Conference on College Hygiene, Dr. Boynton attended the meeting held at Columbus University.

Dr. J. A. Myers '20Md, professor of preventive medicine, lectured recently before the Wayne County Medi-

cal society at Detroit, Mich., on "The Communicability of Tuberculosis." His lecture was given in connection with a campaign there for the prevention and treatment of tuberculosis.

—1921—

Parker O. Anderson '21Ag, extension forester at University Farm, predicted an all-time record for tree planting this year in Minnesota. Twenty-nine of the Minnesota prairie counties are now engaged in a 5-year planting program directed by Mr. Anderson.

—1922—

Walter R. Menzel '22Ag, and Louise Fritsche were married April 17, with Rev. Adolph Ackerman of Mankato, Minn., performing the ceremony. Pollyanna Prestholdt was junior attendant. Mr. Menzel was

attended by his brother, Theodore R. Menzel.

Dr. R. F. McGandy '22Md, of Minneapolis, will be on the program of the Minnesota State Medical association in May.

Ernest M. Hanson '22Ed, '27Gr, was re-elected superintendent of the New Ulm, Minn., public schools.

A bulletin, "Farmstead Wiring," by the late Julius Romness '22Ag, former assistant professor of agricultural engineering, and L. P. Zimmermann '08, extension specialist in rural electrification, was recently issued. It discusses proper materials and methods for wiring farm buildings for electricity.

—1925—

Esther Marie Knudsen '25E, was married November 11, 1936 to Joseph Zapata in St. Paul. Mr. Zapata, senior chemist with the Wisconsin highway commission, is a graduate of the University of Wisconsin. Mrs. Zapata is still with the bridge department of the Wisconsin highway commission. They are living on Viking Farm, Route 1, Madison, Wis.

Dr. '25D and Mrs. F. C. Naegli, and their sons, Floyd, Jr. and Donald of Jackson, Wyo., were Easter visitors of Mrs. Naegli's parents in Minneapolis, Mr. and Mrs. W. B. Swedenburg.

Norman R. Moore '25E, who is an engineer for the United States war department at Vicksburg, Miss., had as guest his mother, Mrs. Charles Dayton Moore of Minneapolis.

Dr. '25Md and Mrs. Hamlin Mattson, are back in Minneapolis from a month's motor trip to Mexico. They visited Mexico City, Texas, Pueblo, Mexico, and stopped in New Orleans on their return.

Dr. Joseph T. King '25Md, of the University of Minnesota, whose hobby is doll-photography, is now working on a movie of the dolls Mrs. King has collected throughout the world. His photographs already made are illustrating Mrs. King's book, "The Doll Family Album," which will be published this fall.

—1926—

Engaged . . . Dr. Gordon McEachran '26D, son of Mrs. Alexander McEachran and the late Dr. McEachran of Minneapolis.

—1929—

Mr. '29C, '30Gr and Mrs. Carroll A. Clark (Virginia Purser '30), announce the birth of a son, Wayne Arthur, on March 23. Wayne Arthur

is named for his paternal and maternal grandfathers.

Mr. '29E and Mrs. John R. Ginnaty (Mary Rugg), who formerly were residents of St. Louis, Mo., are now making their home at 645 South Illinois Street, Villa Park, Ill. Mr. Ginnaty was transferred March 1 from the St. Louis office of the Minneapolis-Honeywell Regulator company to the Chicago office.

Robert J. Swenson '29B, is associated with Ernst and Ernst, accountants, in Cleveland, O.

Rolland Lorenz '29Ag, investigator for the United States bureau of plant industry, recounted some of his experiences as plantation manager and research worker for the Firestone Rubber company in Liberia, for Forestry club members April 9. He discussed the technical aspects of rubber culture and told of his experiences with the natives in the jungles.

Returned recently from Africa, he is temporarily stationed at University Farm where he is summarizing the results of his investigation in forest tree diseases in the lake states.

—1930—

Fay M. Barrager '30B, will make her home in Greenwich, Conn., after her marriage April 17 to Orrin E. Styve '32Ex. They are members, respectively, of Pi Beta Phi sorority and Theta Chi fraternity.

Mr. and Mrs. John Nelson (Alpha Nelson '30N), who were married June, 1935, are living at 3150 Girard avenue South, Minneapolis.

Mr. and Mrs. Kenneth Sutton (Lucile Knapp '30N), are parents of a baby boy, Kenneth James, born October 27.

—1931—

Robert F. Cunningham '31E, is now permanently stationed at Wright Field, Dayton, O., as a junior engineer. Mr. Cunningham is now recovering from a serious appendicitis operation.

—1932—

Mr. '32Ed and Mrs. Leonard Charles Erickson (Adelaide Creal Lacy '33), will occupy their new house at 3949 Kipling avenue, Minneapolis upon their return from their wedding trip. The house was recently completed. They are spending their honeymoon at the Lacy summer home north of Brainerd, Minn.

The ceremony took place March 19 in Judson Memorial Baptist church, Minneapolis. Organ music was played by Martha Baker, a Mu

Phi Epsilon sorority sister of the bride. Eunice Hokenson was maid of honor. Bridesmaids were Laurella Mains and Mildred Lacy, a sister of the bride. Clifford N. Carlson was best man for Mr. Erickson. In the group of ushers were Lowell C. Carlson, Carroll Davidson, Clayton Carlson, Gordon Harvey, Kenneth Lindstrom and Raymond Rice.

After the ceremony Mr. and Mrs. Lacy gave a reception for 125 guests at their home.

The wedding ceremony of Dorothy Dulcibel Jonason '32Ex, and Dwight Wilson Duncan '32Ex, took place recently in Minneapolis, and they are now at home at 2012 Garfield avenue. Mrs. Duncan attended the University where she was a member of Pi Beta Phi sorority and Carleton College. Mr. Duncan is a member of Tau Kappa Epsilon fraternity.

The triplets born to Mr. '33Ed and Mrs. Walter S. Larson, were taken home March 25 from Deaconess hospital, Minneapolis. Named Janet, Joanne, and Joyce, they were the result of one chance in 6,400 according to statisticians—or perhaps Mrs. Larson, a former arithmetic teacher arrived at the same conclusion. Mr. Larson is an English instructor at Sumner school. The triplets, all girls, have been christened Jane, Joanne and Joyce.

—1933—

Born to Dr. '33D and Mrs. Harold Clauson (Evelyn Zacharias '30N), of Echo, Minn., on September 27, a baby girl, named Sally Anne.

April 10 is the day on which Rex Bernard Regan '33B, and Mary Lathrop Goss '33Ex, said "I do." The ceremony took place in Scarsdale, N. Y., at the home of Mr. and Mrs. Paul Lundgren (Marjorie Goss), brother-in-law and sister of the bride. She has been in the east visiting Mr. and Mrs. Lundgren. Miss Goss attended the Ward Belmont school and the University of Minnesota. Mr. Regan received a master's degree at the University of Pittsburgh.

Ruth Helen Bachman '33Ed, arrived from Bruce, Wis., to spend Easter with her parents, Professor and Mrs. Gustav Bachman, Minneapolis.

Mr. and Mrs. John McLean Burnquist (Elizabeth Lynch '33), who were married March 20 at the home of the bride's parents, Dr. and Mrs. M. J. Lynch of Minneapolis, are

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