

The M. A. C. Record.

VOL. 4.

LANSING, MICHIGAN, TUESDAY, JUNE 20, 1899.

No. 40

The Society Banquets.

HESPERIAN SOCIETY.

The Hesperian Society gave its commencement banquet and tenth anniversary in the parlors of the Plymouth Congregational Church, Lansing. Several of the old society members were present and at eight o'clock, fifty Hesperians with their lady friends sat down to the banquet table. After enjoying an hour of feasting, all listened with interest to the toasts that were given. Allen H. Stone presided as toastmaster and the following toasts were responded to:

History of the Society—W. D. Hurd '99.

The Boys—H. J. Westcott '00.
Hesperus—W. K. Sagendorph '92.

Scraps—C. B. Laitner '97.

America—C. E. Holmes '93.

At the conclusion of the program a half hour was spent in singing college songs and in having a general good time. At 10:30 all started for the college to enjoy the commencement hop. Among the old members present were, W. K. Sagendorph '92, C. E. Holmes '93, C. B. Laitner '97, D. J. Hale '98, W. C. Stewart with '98, M. P. Thompson with '96, W. C. McLean with '97, E. H. Palmer with '99.

UNION LITERARY SOCIETY.

The members of the Union Literary Society and their friends enjoyed their annual reunion and banquet Wednesday evening. The literary program, consisting of President's address by A. T. Swift, poem by C. A. McCue, oration by John Severance, prophecy by S. F. Edwards and college paper by E. W. Ranney, was followed by a banquet and toasts in Club E dining room. Geo. E. Gould acted as toastmaster and called out the following toasts: "The Seniors," A. T. Swift; "The Old Boys," L. S. Munson; "Water as an Educator," F. L. Woodworth; "Our Sisters," W. O. Hedrick; "U. L. S.," C. H. Hilton. After the banquet the members and their guests returned to the U. L. S. building, where dancing was enjoyed until a late hour.

Among the old students present were C. J. Foreman, '94, John Nies, '94m, G. N. Eastman, '96m, F. L. Woodworth, '98, A. E. Wallace with '99m.

COLUMBIAN LITERARY SOCIETY.

The Columbian Literary Society celebrated their sixth annual reunion on Wednesday evening. At nine o'clock the following program was rendered: President's address, S. L. Ingerson; Reverie of a Senior, I. Gingrich; Vocal Solo, B. Wer-muth; Oration "Our Life Work," J. M. Rankin; Prophecy, Wm. Treadwell; Piano Solo, Miss Moon; Society Paper, V. M. Shoemith. The company then enjoyed a social hour before they retired to Club C where the banquet was served.

The toasts were as follows: "Our Home," E. C. Kendrick; "The Faculty," W. T. Parks; "Castle Abbey," F. E. West; "Class of '99," E. M.

Hunt; "The Volunteer's Return," A. G. Boudurian.

All then returned to the society rooms where they enjoyed themselves with games and dancing until the small hours of the night, when all retired feeling that the most enjoyable society function of the year had passed all too quickly.

Among the visitors were, E. H. Sedgwick '97, H. C. Williams with '98, E. M. Hunt '99 and George Houk with '00, also Rev. and Mrs. E. B. Allen of Lansing.

ECLECTIC SOCIETY.

The annual reunion of the Eclectic Society took place in their rooms Wednesday evening and the following program was rendered: President's Address, W. H. Flynn; oration, "Influences," R. M. Agnew; Society Paper, E. D. Gagnier.

The banquet which followed was held in Club B and a choice collation was served. E. S. Good acted as toastmaster and filled that difficult position with much credit to himself. The following toasts were responded to: "Your Girl and Mine," L. L. Appleyard; "Looking Forward," G. M. Bradford; "The Future Cuba," Hon. W. F. Pack; "A Little of Everything," Jos. A. Bulkeley; "The Eclectic Society, Past, Present and Future," L. H. Taylor; "Alumni Address," Prof. J. D. Towar.

Among those not on the program who were called upon to speak were Hon. T. F. Marston, A. C. Bird, Prof. Vedder and Prof. Weil. The last event of the evening was the hop in the armory with the Hesperian and Phi Delta societies.

Battalion Review and Appointments.

The cadet battalion was reviewed on Wednesday afternoon by Inspecting Officer, Captain Young of the 7th Infantry, assisted by Col. Shubel, of the 31st M. V. I., President Snyder and members of the Board of Agriculture. At the close of the ceremony Captain Young complimented the battalion upon its efficiency in the absence of a regularly detailed commandant, and Captain Allen, of the Board, addressed them briefly upon the objects of military training and their duty to their country.

Orders were then published making the following appointments for next year:

STAFF OFFICERS.

Commissioned—Lieutenant and adjutant, H. B. Clark; lieutenant and ordnance officer, C. B. Lundy.

Non-commissioned—Sergeant-major, L. B. Littell; ordnance sergeant, P. T. Johnson; color sergeant, J. J. Parker.

COMPANY OFFICERS.

Captains—Thayer, Hilton, Leavitt, Price.

First lieutenants—Gunnison, Appleyard, Ball, Cook.

Second lieutenants—Bale, Dodge, Parks, Thompson.

First sergeants—Rupert, W. J. Bailey, H. P. Baker, T. G. Agnew.

Sergeants—Nevins, Bach, Lickley, Shoemith, Radford, Warren, Wells, Eustace, Thomas, Meade,

J. C. Green, White, R. A. Whitney, Taylor, Ireland, J. H. Skinner.

Corporals—B. P. Smith, C. H. Chadsey, G. Severance, McCue, McCune, Tower, H. Severance, Putney, R. L. Brown, Eickhoff, Gingrich, Bowman, Haven, C. P. Reed, Hayes, Northrop, Dail, Hawley, Pursel, Ingles, Gutekunst, Dunston, Pierce, C. W. Strobel.

BAND OFFICERS.

Principal musician and leader, L. W. Green; chief musician, J. G. Aldrich; drum major, W. H. Green.

Class Day.

The graduating class celebrated class day Thursday by brief exercises at the College and a picnic at Grand Ledge. The exercises included the president's address by W. D. Hurd and the planting of an English ivy at the north end of College Hall.

In his address, Mr. Hurd reviewed the joys and vicissitudes of the class, its relations with the College and its hopes for the future. Commencement was characterized as the long-looked-for event that breaks up the class into individuals that must go out into a school where the lessons must be learned from that stern old school-master, Experience; "this week a senior in College, next a freshman in the world; in the past working in the interests of each other, in the future every man struggling in the school of life against others for supremacy." After a word of thanks to the faculty, he said to his class-mates: "Beyond the education which we have received we will be valued and honored in the world for our honesty, uprightness of character, virtue, and moral integrity."

President's Reception.

The reception given last Thursday evening at the President's house was an unusually pleasant affair. President Snyder and wife, assisted by Hon. T. F. Marston and wife, Dean Keller and Secretary Bird and wife, received the guests in the east parlors. The west parlors were presided over by Mesdames Vedder, Smith, Mifflin and Landon, and the ladies' aid society of the First Presbyterian church of Lansing served very dainty refreshments to a large gathering of students, members of the Faculty, and guests from Lansing. A number of Alumni and old students were present and received a cordial welcome.

Commencement Day.

The graduating exercises for the Class of '99 could not have been held under more favorable circumstances. Nature is especially beautiful at this season, and this particular Friday morning presented a clear blue sky and an atmosphere purified and cooled by the recent rain. So M. A. C.'s last graduating class for the nineteenth century and their many friends were able to enjoy the day of all days to the college student.

After a selection by the band and prayer by Rev. E. B. Allen, a vocal quartette, "The Toll," was rendered

by Misses Newell and Parker and Messrs. Hayes and Gingrich. This was followed by the senior addresses, of which we give synopsis in another column, and a piano solo by Mrs. Marshall. Then came an excellent address on "The Law of Equipose" by President Draper of Illinois University. We regret that space will not allow us to give all of this address, but feel sure that our readers will be interested in the synopsis to be found on page 2. The last thing before President Snyder's address to the graduating class was the presentation by Rev. C. F. Swift of awards to the successful orator and debater in the contest of June 9, to Mr. Price and Mr. Lapham each a set of books consisting of the Century Atlas and the Century Cyclopedia of Names. The President's address was full of good things for the graduates to remember, expressing the most sincere interest in the future welfare of all and the hope that each might gain true success for himself and reflect honor upon the College.

Meeting of the Board.

A meeting of the Board at which all members but the Governor were present, was held at the College last week.

The action of the legislature in establishing a sub-station in the Northern Peninsula was considered and the secretary was instructed to notify interested parties that the station would be located within the time stipulated by the bill.

A vote of thanks was extended to Mr. William Fuller, of Grand Rapids, for a valuable donation of physiological apparatus.

It was decided to begin at once to replace the old steam pipes in Williams and Wells Halls.

A reorganization of the experiment station, farm department and horticultural department was made, to take effect July 1. This action makes Prof. Smith director of the experiment station, dean of the short courses, superintendent of institutes and college extension lecturer, and relieves K. L. Butterfield of all duties in connection with the College. It also makes Prof. H. W. Mumford professor of agriculture and superintendent of the farm. The resignation of H. P. Gladden as assistant professor of horticulture was accepted and Prof. U. P. Hedrick was chosen his successor at a salary of \$1200.

Goes to North Dakota.

Instructor Frank V. Warren '98m goes next year to the North Dakota Agricultural College at Fargo, as assistant professor of mathematics and practical engineering. While we congratulate Mr. Warren upon his merited advancement to a broader and more lucrative field of labor, we feel sure that we express the sentiment of his associates and of the students that had work under him, when we say we regret that he could not be retained here.

The RECORD will not be issued again until the middle of the summer vacation.

THE M. A. C. RECORD.

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For various reasons THE M. A. C. RECORD is occasionally sent to those who have not subscribed for the paper. Such persons need have no hesitation about taking the paper from the postoffice, for no charge will be made for it. The only way, however, to secure THE RECORD regularly is to subscribe.

The Law of Equipose.

SYNOPSIS OF THE COMMENCEMENT ADDRESS BY PRESIDENT A. S. DRAPER, OF THE UNIVERSITY OF ILLINOIS.

From college halls you turn your faces to a busy world, a world throbbing with energy and spirit, in which the pleasures are innumerable and the contentions hard, and in which the balanced men and women gather the largest fruits. You wonder what it contains for you.

The world sets up different standards of success, but by no one of them will you succeed in equal measure. We may safely say, from the world's experience, that some of you will exert a greater influence and gain a richer share of the world's esteem than others. We know that by every standard of right living some of you will make more of life for yourselves and for all about you than others will, but we also know that no one can yet tell which of your number they will be.

God has created the world *in equipose*, and that life will become the richest, will reach the farthest and accomplish the most, which obeys the laws of the Almighty and stands in harmonious relations with the universal plan. The sun and the planets and their moons, the star-suns of other systems, all balance one another in eternal and infinite space. And as in illimitable distance and with other worlds, so with the globe on which we live. The days and the seasons alternate steadily. Temperature and precipitation average alike. The tides rise and fall. The rivers run to the sea but "unto the place from whence the rivers come thither they return again." "The wind whirleth about continually and the wind returneth again according to his circuits." The soils are decaying as well as producing. The paths of nature run into themselves again. Matter moves in cycles and under the law of equipose.

And the great movements of matter, the great periodic forces of nature, seem to bear strong relations with the greatest phenomena in life. The turning of the earth upon its axis, the circuits of the earth about the sun and of the moon about the earth, seem to fix the periodicity of the most vital changes in the world's life.

And as with matter and with motion and with life, so with thought. The history of our race, which has been made and written by the world's thought, is but the record of affairs moving in great cycles of time. There has been an ebb and flow in the great tide of human thought. Civilizations have come and gone. Governments have arisen and perished. Marked advances in knowledge and skill have been followed by marked depressions. Great waves of human sympathy and great outbursts of human passion have alternated. Peace and war have followed each other.

The world is at peace if the nations are in equipose. When the white squadron is manœuvring for holiday show, the merchantmen are giving reward to thrift, and plenty to millions, by equalizing the distribution of the products of the world. When the armies are idle the arts and sciences are promoting the higher, physical and intellectual life of Christendom. But the periodical renewal of the Eastern question, a faint clash of arms which can scarcely be heard across the blue waters of the Mediterranean, threatens the national equilibrium of Europe and leaves a mark upon the stock board of every market in the world. I am not saying, for I do not think, that wars are not in the eternal plan. Disturbances of equilibrium work disaster and destruction in the world of matter, and sorrow and suffering in the world of thought. The apparent irregularity of a planet indicated the presence and led to the discovery of another planet, however, and so proved the inviolability of the universal law.

But there is something stupendously grand and awfully solemn about this unceasing, onward, balanced, periodic, rhythmic motion of everything in matter and every energy of life. We are fools if we do not see that it is all under the control of a power above and outside of ourselves, and all pursuant to the dictates of an universal law. If it is grand and solemn when we see that all created things are obedient to a law that is broader and higher than the universe, it is still more so to realize that we should face chaos and abandon hope in the absence of such law. In the very fact that the routine is unceasing and progressive we find satisfaction and inspiration. It opens to our weak vision the uncertain road of human progress. It gives confidence in a higher destiny and strengthens the purpose to train for it.

If all matter and all energy, and all thought, are subject to God's omniscient law of equipose and advancement, it is certain that a single being cannot hope to be successful, even in the small things of this life, and disregard it.

Individuals who start from the same point, with even opportunities and purposes equally correct, come out at very different ends. Few mark out a precise roadway in life and no one precisely follows the road which his mind may have outlined. There are elements in ourselves which we do not know and cannot estimate, and time will find us in envioning conditions which time alone can reveal. Plans will miscarry and expectations be disappointed. At no time in life can we decide with entire confidence what is most desirable in the future. It is said that in early life General Grant cherished the hope of becoming a physician, and always regretted

that the hope was not realized. The fact is, we cannot see and we do not know about things in advance of us. Failure to accomplish an undertaking has more than once opened the way for something of vastly more importance. Many lives are barren of results because many men insist upon predicating present action upon events which are a long way in the future and which they cannot foresee. They are so cautious, or so cowardly, that they accomplish nothing. We are to make the best plans we can, seek to make every cycle of our lives an advance upon the last one, and take with composure whatever may come to us.

Find the point of equipose between seeing and aiming and doing. Some spend their lives in gaping; others aim high but seldom mutilate the target; still others are always doing without looking or aiming, and of course they are always blundering. To me the most trying ones of all are those who mean well and do ill continually, as some good people seem prone to do. Some men deliberate so wisely and so long that they never get to the point of exercising their energies, and the powers which make for advancement shrink to the vanishing point for lack of use. Some look wise and say little, and though they are dreadfully trying at times it must be confessed that others would fare better and be less trying by following their example. The life that accomplishes things is the one that has ideals, sees with what eyes it has, exercises the judgment it possesses within the limits of time which the occasion allows, and then plunges into action. And the life that accomplishes the most things and the best things is the one that has the noblest ideals, is trained to the greatest acuteness of vision, is capable of the most rational reasoning, has the greatest courage and force of execution, and above all is able to keep these high endowments in equilibrium.

Live in harmonious and enthusiastic relations with your work. There is work of some sort for everyone to do. If one has not adjusted himself to some kind of work there is something the matter. We may not find work exactly to our liking; indeed there are people who find it difficult to fall in love with any kind of work. But you will be at fault if you do not in a little time find congenial employment.

Do the work that comes to your hands, and assume other and yet other things to do. Dwell not so much upon the wages as upon the health and knowledge and skill to do more and better work. The rewards will take care of themselves more safely than in the case of the man who spends so much energy in bringing about an increase in wages that he has little life and pride in the prosecution of his work.

There is wealth which is not measured in gold, and yet is wealth worth the having. At the end of life some men have plenty of money and no culture of mind and heart; and some have culture and no money. But there is substantial wealth in both. They should supplement each other. It is pitiable to have culture and lack the means to gratify it; and it is lamentable to have money and so lack in culture that you do not know what to do with it and hold it like a miser or spend it like a fool. It is infinitely better to so manage matters that

you are likely to have wealth of both kinds.

You will not understand me as expressing indifference to the accumulation of property. Quite the contrary is true. One who cares not for this, who fails to do what he can to provide for his needs when his earning power shall be gone, lacks in that ordinary foresight so common in the race that the absence of it classes one with the defectives. What I am saying is that the way to secure that provision is to assume the risks which may be balanced by your personal endowments, and that the way to be sure of being competent to enjoy the accumulations of a lifetime is to keep the joints lubricated with the oil of fellow-feeling. Start out with more energy than conservatism so that your whole life taken together will be an even one, for the time will come when you will have more of conservatism than of energy. Let old men talk about an abundance of caution; you think of what will result from an abundance of action. Keep the dollar in your minds, but put as much thought upon enriching your minds and your souls, upon living creditably and stimulating the common energy of the people among whom you live, as upon accumulating in your pockets. Put your energies into earning rather than into hoarding; and, as you earn, spend your money in ways that will keep the juices in your body and put serenity and grace enough into your later years to make them worth the living.

Let the will balance the emotions. If we throttle the feelings we are little more than mechanism refined; if we allow them to run loose we defeat our own desires and make of ourselves a laughing-stock. We are to nourish and restrain them. He who lacks integrity of feeling lacks rightness and effectiveness of action. It is spirit that lifts the individual and drives the world; but it is spirit that is enriched by intelligence and controlled by the will which makes headway and gains respect.

Bear disappointment with composure, and affliction with fortitude. The noise one makes does not measure the sorrow he suffers. Let the hatreds be governed by a short statute of limitations. After a hard blow straighten up as soon as possible and readjust yourselves to the new conditions as quickly as you can. Carry your steadiness with you and do not leave your civility and courtesy at home when you move among people and enter the activities of the world.

Think now and then of the point of equipose between personal independence and good citizenship. "Independence" seems to be bred and born in us. The very word has a rhythmic, musical sound to the American ear. Independence and self-dependence are taught from the kindergarten to the university. Because our citizenship is free and the suffrage universal we hear talk about every man being an "uncrowned king." Political parties seek support on the declaration that they care nothing for the view of any other nation. Yet we are each but a single fibre of a single strand, of a single thread, of a broad fabric which has been centuries in the weaving and which has been slowly put together under the rules of economic law. Remember how much all the people and all the things about you, mean to you.

Recall the family circle, the neighborhood set, the social structure, the church organization, the fraternal order, the city, state, and national institutions, and see how helpless you would be if they were taken out of your life. After all, success is measured by the number of the friendships, the depth of the sympathies, and the extent of the training we get through our contacts with the people and the institutions about us.

We are not, and in the nature of things we cannot be, a law unto ourselves. There are obligations between friends, acquaintances, citizens, which are personal and mutual. We are all subject to the common customs, traditions and understandings of the race. One who does not know this and act upon it is a social and a public burden. The organizations, establishments and institutions of the civil state spring from the people. The people never ordained them to give us a living, but to afford the opportunities and facilities for self-culture, and to give us security in the right to work peacefully and enjoy the fruits of our labor without interference. He who tries to change the natural order of things and get his living out of the common organizations and institutions which the people have established for their common good, he who withholds from them the full measure of his enthusiastic support becomes a pitiable dependent, a poor, if not a bad citizen, and indeed a discredited man.

Think of the details. Every man who builds a house, paves a street, lays a sewer, mows a lawn, starts a factory, stands up for a better school, supports a church, cheers for a party, fights for the integrity of the suffrage, and sustains the civil power, contributes to the common good, and more surely than in any other way to his own permanent advancement. The man who neglects to do these things when he can and ought, shrinks into insignificance. Selfishness defeats itself. Have an individuality of your own, and as you pass out of the College commence a work and a manner of life which in time will put the world under obligations to you. Do not spend too much time seeking devices to save labor; do not lay plans to get something for nothing; do not deceive yourselves into thinking that there may be a road to prosperity and eminence which is not paved with anxiety and filled with intelligent and honest toil; do not sponge on fraternal orders; do not think you are better than other people when you are only narrow; never advertise your business on the fair face of your flag.

We know, indeed, too well, that the journey of a student's life leads away from our doors. We must say the last public farewell. May your characters round out and come into perfect equipoise. Do not be content to be mere negatives. Don't set up college teaching against common belief. If your college has educated you away from the people it has made a mistake; but I am sure it has not; the land grant colleges are not doing this. The educated man of today is the man who is able to put his learning to the use of mankind. May your influence widen and strengthen. May each succeeding cycle of your lives advance you to a higher plane. May you take on the multiplying years gracefully. And may the end be perfect peace.

News from Graduates and Students.

D. J. Hale '98 was among the commencement callers.

E. M. Hunt with '99 spent commencement at M. A. C.

E. H. Sedwick '97m, made the College a visit last week.

Miss McDermott leaves July 1 for a two months' tour in Europe.

John D. Nies '94m, spent last week with friends at the College.

George Campbell '98 spent several days last week at the College.

John Rigterink '97 stopped over Friday night on his way home from Ann Arbor

C. J. Foreman '94 stopped over on his way from Ann Arbor to Harbor Springs.

Prof. F. B. Mumford '90 and wife of Columbia, Missouri, visited at the College last week.

A. C. Redding 83, chemist for the Columbia Gold Mining Co., Sumpter, Oregon, has in preparation a work entitled "Assayers' and Metallurgists' Pocket Book."

G. M. Houk with '00, of Bell Branch, and F. R. McDonald '99 special in fruit culture, of Plainwells, spent several days of last week at the College. Both are farming.

Dr. John A. Wisner with '88 and Dr. Folin who is associated with him in the Columbus Food Laboratory, Chicago, spent Friday at the College. Dr. Wisner now tips the scales at 225 pounds but this fact did not deter him from visiting his old room (No. 1) on third floor of Williams Hall.

A. E. Wallace with '99m, after leaving College spent nearly two years in a Colorado lead mine, working to secure funds to complete his course at M. A. C. and to take post graduate work at Cornell. Last August he had the coveted amount saved but was stricken down with typhoid, which, with other complications, confined him to his bed until November and consumed all his earnings. He returned to Michigan and this spring has been working on his father's farm, but as soon as it is safe to do so will return to Colorado to begin again the struggle for an education. This is pluck.

At the College.

Dr. C. A. Good, Traverse City, is visiting his brother, E. S. Good.

G. H. True left Friday night for a vacation of two weeks in his Wisconsin home.

George Severance, G. D. White and A. C. Craig left Thursday night to represent the Y. M. C. A. at Lake Geneva, Wis.

The heating apparatus in the greenhouses is being remodeled. The two Spence boilers formerly used in College Hall have been placed in the basement and the overhead system of feed pipes will be installed.

Joseph A. Bulkeley of the graduating class left Saturday for New York City where next Saturday he will take passage for Liverpool. After several weeks of travel in England and on the continent he will proceed to his home in Wallerawang, New South Wales, Australia.

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The Senior Commencement Addresses.

THE APPLICATION OF SCIENCE TO AGRICULTURE.

"The greatest earthly possession of the human race is the fertility of the soil. It is the source of food supply. Between this storehouse of nourishment and the consumer stands agriculture, which thus holds a preeminent position among the occupations of men." These were the opening sentences in the address given by Mr. S. L. Ingerson, who then proceeded to show the prevalent waste of soil fertility and the consequent soil exhaustion in all the older countries of the world. This tide of destruction has moved westward with civilization until New England, the fair valleys of the Mohawk and the Genesee, and even our own State show its devastating influence. The problems of supporting an increasing population and one that demands more luxuries than were demanded a century ago, and of combating the foes to agriculture, are serious ones.

Mr. Ingerson defined the relations of agriculture to chemistry, soil physics and botany, which together form the basis of agricultural practice; and to other closely allied sciences, such as bacteriology, veterinary science, entomology and meteorology. The science of agriculture includes all these other sciences and aims to answer the practical questions that arise in connection with farm operations.

Science reaches the farmer in two principal ways: through the agricultural college, which gives scientific training and teaches established principles; and through the experiment station, which discovers and disseminates new truths. Caution is needed in accepting new theories, but when a new principal has been thoroughly tested and its merits established, it is only wisdom to accept it. It is a hopeful sign that farmers are coming to recognize the need of studying their business, that the prejudice against "book-farming" is disappearing; and the time when agriculture shall take its right and proper place among the sciences and the professions is not far distant.

THE WOMAN'S CLUB MOVEMENT A SIGN OF THE TIMES.

Miss Bristol in her address gave a history of the organization and trend of the woman's club movement, which, she said, "is the natural and logical outcome of the position the sex has taken for itself." Like man, woman has recognized the strength of unity and has organized clubs, the membership of which has grown so rapidly as to enroll more than a million American women. From the multiplicity of objects for which clubs have been organized we are almost tempted to call the whole movement a fad, and yet there are influences at work in the movement that will ultimately raise the standard of the club.

In the earnest striving for a common end the time honored traditions of caste are forgotten and a spirit of democracy is developed. But there is also the danger that in a struggle for intellectual culture for social purposes, nothing but the accumulation of superficial information will result, that we shall have breadth rather than depth. Another danger lies in a growing disposition toward a separation of social interests. All sorts of social functions, "exclusively for

women," are becoming very common, and the effect is likely to be aesthetically and morally deteriorating.

Another phase of club life is its connection with political, municipal and other reform movements, and here considerable good has been done. Along with this comes woman's discovery of her administrative ability and thirst for political power. Then too, she undertakes everything with such a spirit of desperate earnestness that she seems to have lost sight of the fact that it is not necessary to be doing something all of the time. Her club is not a haven of rest but merely furnishes another opportunity for exercising nervous energy. "If woman's emancipation means increased burden, it is only natural to question whether or not her emancipation is an unmixed blessing." Although she owes a duty to society, she nevertheless owes a higher duty to herself, the sacred duty of rest.

The Graduates.

The following students received diplomas and the degree Bachelor of Science:

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Marie Belliss *w*, Ionia.
Teresa A. Bristol *w*, Almont.
J. A. Bulkeley, Wallerawang, New South Wales, Australia.
C. E. Calkins, Swartz Creek.
F. R. Crane, Frankfort.
S. F. Edwards, Milan.
W. H. Flynn *m*, St. Thomas, Ontario.
E. D. Gagnier *m*, Detroit.
G. N. Gould, Saranac.
W. D. Hurd, Lansing.
S. L. Ingerson, Hopkins Station.
Charles Johnson, Agricultural College.
W. R. Kedzie, Lansing.
A. B. Krentel, Agricultural College.
C. M. Krentel, Agricultural College.
M. H. Lapham, Okemos.
F. N. Lowry *m*, Norvell.
J. L. McDermott, Buckner, Missouri.
P. S. Rose *m*, Summit City.
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