

Oratory of the Bible.

Dr. Moulton gave his second lecture on "Masterpieces of Biblical Literature" in the armory last Monday afternoon. His subject for this lecture was "Oratory of the Bible," under which title he included not only oral discourse but also the discourses of the prophets in written form. In this latter connection he called especial attention to emblem prophecy or oratory mingled with emblematic action. Most notable among emblem discourses is Ezekiel's Emblem of the Sword, from which the speaker recited at length. There is also emblem poetry in the Bible, and the literature of two centuries ago was full of emblem discourses. The orations of Moses found in Deuteronomy were taken up, finally, and their features brought out by the recitation of portions of them.

In the evening Dr. Moulton gave a lecture on Shakespeare's Richard III at the residence of Hon. C. A. Gower in Lansing. He will hereafter give a Shakespearean lecture in Lansing on the evening of each day that he lectures at the College. Dr. Edwards says these lectures are even better than the Bible talks, so they will be well worth hearing.

Natural History Society.

Mr. Gunson and Prof. Barrows furnished the program for the Natural History Society last Wednesday evening. The former gave a popular talk on wasps, which was confined mostly to observations made by the speaker in the summers of 1893, '94, '95. The habits of the mud-wasp were described, and specimens of its primitive architecture, were passed around for inspection. One observation was especially interesting; viz., that this wasp provides a kind of food that it never eats, for young that it never sees; and this food consists of live insects stupified by the sting of the wasp and placed in the mud cells, where it remains in a comatose condition until the young are ready for it. Wasps of this kind work alone and are called solitary wasps. Others, called social wasps, work in colonies and build structures of papier-mache made of wood fiber. It is worthy of note here that wasps were the first creatures to make paper from wood fiber; man has since acquired the art. These papier-mache dwellings, are found on twigs, stalks of grass and grain, roofs of buildings, in excavations in the earth, etc., and often reach a diameter of ten or twelve inches. A nest about ten inches in diameter was exhibited. It was composed of eight stories connected by numerous pillars, and was taken from an excavation in the solid clay bank in front of Abbot Hall. The speaker also called attention to the fact that the work of the wasp is much less regular and manifests much less intelligence than the work of the honey bee, which seems to have reached a higher stage of development than its wild relatives.

Prof. Barrows talked for about ten minutes on our winter birds, which he divided into three classes: Residents, specimens of which are

found here at all seasons; visitors which come here in the winter from the far north; and accidentals or irregulars, which are found here occasionally in winter. Twenty-three residents were mentioned. In some cases the individuals in this group remain here the year around; in others the individuals that are here in the summer move south and are replaced by others of the same species from farther north. Of the visitors we have about eighteen species, and one of the most conspicuous, though not numerous, is the snowy owl. The red crossbill is sometimes numerous and is remarkably tame, at times allowing itself to be caught in the hand. The third group, accidentals, is not so large, only six species being listed. There was not time to comment on all the species, but Prof. Barrows had specimens of most of our winter birds in the lecture room, which he had arranged in groups according to the above classification and which he invited us to examine after the meeting adjourned.

Our Literary Societies.

HESPERIAN SOCIETY.

Program given Saturday evening, January 21:

Quotations from George Eliot. Biography of George Eliot.—B. A. Peterson.

Paper, "My Southern Trip."—F. W. Owen.

Music, Violin Solo—H. C. Weatherwax.

Essay, "Habits at College."—C. H. Parker.

Declamation—J. R. Thompson.

Music, Cornet Solo—C. H. Parker.

Current Events—R. M. Lickly. Critic's Report.

J. B. McCallum with '98 has been visiting at College and in the vicinity during the past week.

Among the Athletes.

At a meeting of the football team last Wednesday, John Vanderstolpe was unanimously elected captain. He is one of our oldest and best players, and we feel that he will handle the team well. There are good prospects for a winning team next season, as most of the old players will return next fall.

E. W. Ranney has been elected baseball captain for the coming season. It will be remembered that Ranney was our star player last year, and made some plays that might excite the envy of more noted teams. It is hardly known what our baseball team will be, as but a few of the old players are here now, but we hope that the freshman class will furnish some good men to fill up the ranks.

We are exceedingly delighted to see so much interest taken in athletics this winter. The armory is open every evening from 6:30 to 7:30, where a large number of boys spend a pleasant and profitable hour playing basket-ball, indoor baseball, and numerous other games that at different times are thought of. In one corner of the room is spread a large wrestling mat, where several of our boys practice and are

getting themselves in condition for M. I. A. A. field day in the spring. In another corner of the room is the bicycle trainer, where we may see some of our best riders tearing away at the machine and hardening up their muscles to win laurels for M. A. C.

We understand that two games of basket-ball are being arranged with Olivet. W. K. Brainerd has just been elected basket-ball manager, and we may look for a game in the near future. W. T. P.

Debating Society Projected.

Friday evening a number of non-society young men met in the English class-room to take steps toward the organization of another society. O. L. Ayr was elected temporary chairman; F. DeW. Linkletter, temporary secretary; and Messrs. William Krieger, Ayr and Linkletter, committee to prepare constitution and by-laws. The plan that the young men have in mind is to organize a society for literary work, the principal feature of which is to be debating.

While debating is by no means a new feature in the society work at M. A. C., it has been more than twenty years since a society has been organized with the avowed purpose of making debating the leading feature of its literary work. Early in the seventies such a society was in existence for a short time, but strong opposition to it on the part of the then existing fraternities, and a lack of support from its members soon brought the organization to an end. Shortly after (in 1876) a society combining literary and social training in its objects was organized and successfully maintained; and each society organized since that time, either for young men or for young women, has patterned after this first successful society. Conditions are now vastly different than they were in 1876, and there seems to be no reason why this most recent venture should not be a success. There are now so many more students than can be accommodated in the existing societies that no opposition to the new organization, except a friendly rivalry in securing members, will develop. Not only this, it will have many warm friends who will lend it kindly encouragement and support. And finally, it will be able to profit by the mistakes that other societies made, and thus avoid the shoals on which they foundered. The enterprise is a laudable one, and it should meet the hearty approval of everyone in College.

Library Additions.

The last consignment of new books in the library includes the following: Finance, Adams; The Evolution of Our Native Fruits, Bailey; Rex Regrum, Bayliss; The English Religious Drama, Bates; Handbook of Invalid Cooking, Boland; Bush Fruits, Cord; Family Living on \$500 a Year, Corson; Theory and Construction of a Rational Heat Motor, Diesel; Jesus the Messiah, Edersheim; An Introduction to the Renaissance, Field;

Building, Construction and Superintendence, Kidder; The Jungle Book and the Day's Work, Kipling; The Column and the Arch, Longfellow; Carving and Serving, Lincoln; Strategic Points in the World's Conquest, Mott; The House Comfortable, Ormsbee; Home Economics, Parloa; Locomotive Mechanism and Engineering, Reagan; Life and Times of Gladstone, Ridpath; The Chemistry of Cooking and Cleaning, Richards and Elliott; Century Cook Book, Ronald; Hygiene of the Nursery, Starr; Text Book of Nursing, Weeks; Home Sanitation.

Inter-Society Oratorical Contest.

The literary societies of the College will hold their annual oratorical contest Friday evening, February 10, in the armory. The Columbians will be represented by F. E. West, the Eclectics by J. A. Bulkeley, the Hesperians by C. H. Smith, the Olympics by C. A. Warren, and the Union Lits by A. Thorn Swift. The Feronians were admitted to the association this year but will not be represented on account of the illness of their representative, Miss Lucy Monroe.

Prayer Solves the Problem.

A helpful talk to College students was given in the chapel last Sunday morning by Rev. Ernest Bourner Allen. He said that we should consider four things: 1. "What shall a man do with his life?" 2. "College life multiplies the factors in the problem without offering a solution." 3. "The glory of life is not in the possession but in the transmission of power." 4. "Prayer offers the solution of the problem." The question is not, How little can I do and acquire a competency? but, When and how can I do the most good? In support of the proposition that college life multiplies the factors in the life, the speaker quoted from the report of the U. S. Commissioner of Education, who compiled from replies to the question, "What does education do for a man?" sent to employers all over the country, the following answers: A common school education adds 50 per cent to a man's wage earning power; a high school education adds 100 per cent; and a college education adds 200 per cent. In determining how we shall use, how transmit this power, we should be guided by prayer. Many lack faith in prayer because they cannot see how results are brought about; they cannot understand it. But these same people believe in the workings of the laws of the universe whether they understand those laws or not. They believe that we can send messages thirty, sixty, a hundred miles, without wires or other visible means of transmission. Is it not just as reasonable to believe that the message sent in prayer reaches God? "But," says the doubter, "God works by unchangeable laws. If we follow those laws we shall reach the same results without appealing to Him." To say that is to deny the personality of God. You admit his power to create a universe, then you deny his ability to administer it wisely.

THE M. A. C. RECORD.

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Official Directory.

Y. M. C. A.—Regular meetings Sunday evenings at 6:00 and Thursday evenings at 6:30. F. N. Lowry, President. C. H. Parker, Cor. Secretary.

Y. W. C. A.—Weekly meetings for all ladies on the campus, Tuesday evenings at 8:00, in Abbot Hall. Sunday meetings with the Y. M. C. A. Edith A. Smith, President; Elizabeth Johns, Cor. Secretary.

KING'S DAUGHTERS—Meet alternate Wednesdays. Mrs. C. L. Weil, Leader. Mrs. M. L. Dean, Secretary.

NATURAL HISTORY SOCIETY—Meets alternate Wednesday evenings at 6:30 P. M., in the Zoological Lecture Room. W. B. Barrows, President. A. J. Cook, Secretary.

BOTANICAL CLUB—Meets Monday evenings at 6:30 in the Botanical Laboratory. H. C. Skeels, President. Miss Marie Belliss, Secretary.

SHAKESPEARE CLUB—Meets Wednesday evenings at 7:30. Dr. Howard Edwards, President.

COLUMBIAN LITERARY SOCIETY—Meets every Saturday evening at 7:00. Fourth floor, Williams Hall. C. F. Austin, President. A. H. Hayes, Secretary.

ECLICTIC SOCIETY—Meets every Saturday evening at 7:00, Fourth Floor, Williams Hall. E. D. Gagnier, President. A. C. Williams, Secretary.

FERONIAN SOCIETY—Meets every Friday afternoon at 1:00, West Ward, Wells Hall. Edith A. Smith, President. Grace Lovely, Secretary.

HESPERIAN SOCIETY—Meets every Saturday evening at 7:00, West Ward, Wells Hall. F. N. Lowry, President. J. H. Skinner, Secretary.

OLYMPIC SOCIETY—Meets every Saturday evening at 7:00, Fourth Floor, Williams Hall. W. K. Brainard, President. H. J. Eustace, Secretary.

PHI DELTA THETA FRATERNITY—Meets every Friday evening at 7:30, East Ward, Wells Hall. Eugene Price, President. M. Hayward, Secretary.

THEMIAN SOCIETY—Meets every Tuesday afternoon at 4:00, Phi Delta Theta Rooms, East Ward, Wells Hall. Ruby Calkins, President. Mrs. C. H. Harris, Secretary.

UNION LITERARY SOCIETY—Meets every Saturday evening at 7:00, U. L. S. Hall. G. N. Gould, President. H. P. Baker, Secretary.

TAU BETA PI FRATERNITY—Meets on alternate Thursday evenings, Tower Room, Mechanical Laboratory. W. H. Flynn, President. P. S. Rose, Secretary.

CLUB BOARDING ASSOCIATION—John Severance, President. H. S. Putney, Secretary.

M. A. C. ATHLETIC ASSOCIATION—E. W. Ranney, President. R. M. Norton, Secretary.

Meeting of State Board of Agriculture.

Board met at the College Wednesday evening, January 25, at 7:30 p. m.

Present, Messrs. Monroe, Bird, Marston, Pres. Snyder, Governor Pingree and the Secretary.

Vice-president Monroe in the chair. Minutes of last meeting read and approved.

Mr. Monroe, of the committee to examine Secretary's accounts, reported that they had examined the books and accounts of the Secretary with the State accountant and were waiting for his report before writing report, and asked further time. Report accepted and time granted.

On motion, adjourned sine die.

New Board met.

Present, Governor Pingree, Pres. Snyder, Messrs. Monroe, Bird,

Marston, Marsh, Watkins and the Secretary.

On motion Mr. Monroe was elected chairman. On motion, Thos. F. Marston was elected President of the Board for two years.

The following, offered by Mr. Marston, was adopted:

Resolved, That A. C. Bird is hereby elected to the position of Secretary of the State Board of Agriculture, Secretary of the Agricultural College and Secretary of the Experiment Station, for a period of two years, beginning the last Wednesday in February, 1899, and ending the last Wednesday in February, 1901, at a salary of \$1800 per year and house.

The following was adopted:

Resolved, That B. F. Davis is hereby elected Treasurer of the State Board of Agriculture and of the Agricultural College for a period of two years, beginning the last Wednesday in February, 1899, and ending the last Wednesday in February, 1901, with the understanding that he is to allow the College 2½ per cent. on daily balances, until otherwise agreed upon.

The amount of bonds to be given by the Secretary and Treasurer was left with the President of the Board and the Finance Committee.

The Secretary reported that two copies of a bill for appropriations for the College had been prepared.

The President-elect took the chair.

On motion E. P. Allen of Ypsilanti was elected member of the Board to fill vacancy created by the election of A. C. Bird as Secretary.

President Snyder reported recommendation of the Faculty that the degree of Master of Science be conferred on J. W. Toumey of Arizona, Class of '89.

On motion of Mr. Monroe, the degree was granted.

President Snyder also reported that he had employed C. J. Fox as night watchman at the rate of \$35 per month. Approved.

Pres. Snyder was authorized to employ a woman to assist the Dean of the Women's Department at Abbot Hall at \$18 per month.

On motion, the office of Assistant Secretary was abolished.

It was moved that Mr. Skeels be invited to meet the Board Thursday morning.

Adjourned to Thursday morning at 8 o'clock.

Thursday, January 26, 8 a. m.

Board met. Same members present except the Governor.

Pres. Marston outlined some matters for consideration, with recommendations thereon.

It was *Resolved*, That a committee be appointed on Women's Department. President appointed Mr. Monroe and Mr. Allen.

It was *Resolved*, That a committee be appointed on Academic Departments not now provided for, including the Veterinary Department. President appointed Mr. Wells and Mr. Marsh.

President appointed committees as follows:

Finance—Marsh, Monroe.

Farm Management—Wells, Watkins.

Botany and Horticulture—Watkins, Monroe.

Buildings and Property—Marsh, Wells.

Employees—Allen, Marsh, President of College.

Institute—Monroe, Wells.

Mechanical—Marsh, Wells.

Military and Athletics—Watkins, Allen.

Land Grant—Wells, Monroe.

Experiment Station—Watkins, Allen.

Weather Service—Monroe, Watkins.

Library—Allen, Marsh.

Women's Department—Monroe, Allen.

Chemical and other Academical Departments not otherwise provided for—Wells, Marsh.

Mr. Monroe moved that Pres. Marston be requested to prepare copies of recommendations made by him for the use of the members of the Board.

Mr. Watkins moved that a committee of two be appointed by the president to prepare a system of by-laws to govern the transactions of the Board. President appointed Messrs. Marsh, Monroe and the Secretary.

It was *Resolved*, That the Superintendent of Institutes be assigned to new quarters for office use after February 20, 1899, the same to be determined by the President of the College.

It was *Resolved*, That F. E. Skeels be temporarily employed as agent in charge of College lands.

It was moved that a special committee be appointed to investigate matters relating to Mr. Skeels' former position. Carried. Committee appointed Messrs. Monroe, Marsh and Watkins.

On motion adjourned.

A Trip Through the Industrial School by Mrs. Jeremy Pilkins.

IRMA G. THOMPSON '00, THEMIAN SOCIETY.

"So this is the Reform School? My sakes it's a long ways from town by this road! Lawsy massy, Maria, just look at them flower beds cut in diamond an' heart an' square shapes, an' all posies; an' what handsome big brick buildin'!

"Maria I do believe they's eight or ten counties, the great big one in the middle. My! what lots o' room the boys must have. Come on now let's go up an' look thro' the buildin'—Samanthy, don't you see that sign there? It says 'Keep off the grass, it's Dewey.' Spose I want you comin' down with newmony fore we git hum, an' you with them thin shoes on? My! what nice broad stun steps; aint it shady here tho?

"Good morning, sir, me'n the children u'd like to look tho' the buildin', if you please. My Jeremy kinder hopes ter get a job here, if the Democrats win their next election, an' so we're kinder anxious as ter what sort of a place it is.

"Come, Philip an' Samanthy, we'll follow this 'ere man; he's going to show us around. Come, now, Philip, don't think you kin play checkers on this 'ere marble floor, cause we aint got time fer no daddlin'.

"So this is the mendin' room, eh? The boys mend their own close an' darn their own socks? There now, Philip, that's what yer oughter do. How would you like to be one o' them boys any how, and have to wear a baggy, dirty uniform, an old blue shirt an' a pair o' shoes four times too big fer you? Look at them poor little fellers settin' there with their backs most broke.

"An' a patent knittin machine too? The boys make their own socks on it, do they?

"What did you say this was? The tailor shop? Oh, yes! an'

those boys hes ter set there half a day with their legs twisted up under 'em an' sew on them uniforms an caps? Lawsey! I should think 'twould kill 'em. Aint they a powerful lots o' sickness here?

"Come, children. What you say this was? Oh, I might a knowed by the smell—jest like a regular printin' shop? Look, Philip, see, the boys are all settin' type an' printin' off stuff for a paper, the man says they send out every month. My! but the boys must be fussy.

"An' next is a school room—this is a nice, airy, pretty room. See, Samanthy, the pretty chalk pictures on the blackboard. You say, mister, that the boys goes to school half a day an' works the other half? What do they learn? Only up to the fourth and fifth reader?

"Landy goshen! an' that great strappin six-footer only in the second reader? Why, Philip, if you wuz sich a fool ez that I'd thrash you till you couldn't see! Fifty boys did you say, wuz in the room, and there wuz twelve other rooms just like it? Why that must be an awful lot of boys.

"And now where be we climbing to? Way up to the sky-parlor. O! yes! This is where the boys sleep. Why! what cute little white beds, just like a hospital, ain't it, Maria? But whew! what a smell! Landy! what must it be when about fifty o' them boys gets to snorin' up here! I sh'd think you'd need some fresh air fumigaters to put around.

"Come, children, let's get outer this. Down, down, down, oh here we are out doors. Don't it seem good to get out an' breathe again? An' that yard out there is where the boys play, is it? Well, that's one breathin' place for 'em, any how.

"What did he say this buildin' was, Maria? The chapel? Oh, yes, an' now we're goin' in an' see it. This is the Sunday school room, is it, where all the boys come Sunday mornin'? An' this up stairs room is the regular chapel, where visitors come in the afternoon an' sit in the gallery an' hear the boys sing an' some of the city preachers moralize on their sins. My, Maria! See them beautiful stained glass winders! But my! what hard, ugly seats! I wonder if the boys likes to come.

"Here we are again—an' that's the hospital over there, is it? Can't we go in there? Oh, too many sick boys there, eh? I wondered if you didn't have a good bit of sickness here on account of the bad air.

"Well, children, come on! We must follow the man; I guess he's goin' across to that other big buildin' where the tower is. Here you, Philip, don't you be foolin' with that fountain, now; you might break somethin' an' then your dad wouldn't git his job.

"Lawsky, save us! What rickety old stairs,—an' that same old smell, too—where are we goin' to, anyhow? Swish, swash, splatter—this must be the washroom—yes, that's what it is! My, what big boilers an' rinsers an' wringers, an' everything, an' don't those big boys look funny, paddlin' round in the slush in their bare feet an' pokin' clothes with a long stick? An' a woman to boss the job too! I should think she'd like that! How would you like it, Mariar? I do believe that big fellow winked at you! You march right along here now—we won't stay here another minit. Don't you let me ketch ye lookin' at them pesky boys agin!

News from Graduates and Students.

H. R. Parish '95m, 1809 N. Sixth street, Philadelphia, Pa.

W. E. Locklin with '99, and wife, called at College Saturday.

A. J. Garver with '78 is printer, publisher and farmer at Leeds, N. D.

A. S. Osborne with '83 is associate principal of Rochester Business Institute.

J. H. Kimball's present address is Roseau, Dominica, British West Indies.

Joseph T Berry '96, Belding, has been visiting at the College since Friday.

F. B. Dickerson, postmaster of Detroit, spent six months at this College in '71-2.

Geo. E. Smith with '75 Tiffin, Ohio, is congressional secretary, Washington, D. C.

Guy E. Mitchell with '94 is Washington correspondent for the *Michigan Farmer*.

Jay R. Rogers with '90 has moved recently from Lenawee county to Limecreek.

John B. Dimmick '93 is junior assistant engineer, U. S. Engr. Dept. Louisville, Ky.

C. E. Parsons with '00 is studying for the ministry in Chicago. Address 80 Institute Place.

W. L. Rossman '89 is at Sand Beach, temporarily, helping J. Jenks & Co. establish a starch factory.

H. A. Hagadorn '98m has accepted a position as draftsman with the Austin Manufacturing Co., Chicago.

F. P. Lawton with '92 is aid physician on the staff of the Northern Asylum for the Insane, at Traverse City.

James I. Vincent with '93, 8547 Loomis st., Chicago, is employed as draftsman by the American Bridge Works.

F. L. Hoffman with '92 is general manager and owner of The Cadillac Music Company, 252 W. 42d St., New York.

Thos. H. Rees with '85 as captain of corps of engineers took part in the Santiago campaign. Address, Willet's Point, N. Y.

John C. Sesser with '93 is at Boone, Iowa, as assistant engineer for the Iowa division of the Chicago & Northwestern railway.

W. G. Steward with '92 graduated from Columbia University in '91 with the degree C. E. and is now a clerk in the Pension office, Washington D. C.

L. A. Wilson '94 ['99 Law at U. of M.] heads the U. of M. team that will debate with Pennsylvania in Ann Arbor, March 3, on the Czar's disarmament proposal.

O. E. Wilber with '94 writes from Albuquerque, New Mexico, that he was in the late war with Co. D, 5th Illinois Infantry. He is a machinist at the above address.

Prof. W. M. Munson '88 has been elected president of the Pomological Society of Maine. The *Maine Farmer* of January 12 notices favorably his fitness for the position.

Two of the eight winter lectures on the program of the Massachusetts Horticultural Society are by

M. A. C. graduates of the class of '83. February 11, Prof. Clarence M. Weed, of N. H. Experiment Station, will lecture on "Injurious insects and their transformations," and March 11, Herbert W. Collingwood, editor of the *Rural New Yorker*, will lecture on "Market Gardening."

On account of failing health Rev. R. T. Binns has found it prudent to discontinue preaching both at this place and Devils Lake. He has been a faithful laborer for the Master, and all concerned regret the withdrawal and hope it may be but temporary. Editor Kempton expects to fill the appointment at Devils Lake tomorrow evening, and DeWitt McLouth ['97] will doubtless care for it regularly thereafter. He is a young man of excellent experience and training. —Ex.

Ian MacLaren to Preach at Yale.

Rev. John Watson (Ian Mac Laren) of Liverpool, England, will preach to the students of Yale University, on February 19th. Rev. Mr. Watson has planned an extended tour in the West, and will preach no sermons in the East, with the exception of the one at New Haven.

Other Colleges.

Mechanical students at the U. of P. have a T-square club.

The University of Illinois now enrolls about 1000 students.

U. of M. law school enrolls 722, which is five more than ever before.

Albion won a game of basket-ball from Olivet, Monday, January 23, by a score of 25 to 10.

M. A. C. students at the U. of M., about twenty-five in all, have organized the "M. A. C. Club."

Tewksbury, U. of P. won the 60-yard dash at Madison Square Garden January 14, in six and two-fifths seconds, a new world's record.

The fourteen Princeton men who played in the Yale football game this fall have been presented with solid gold footballs, to be worn as watch charms. They are of 18-karat gold, with "Champions 1898" engraved on one side; on the other is the name of the player, with his position on the team.

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DENTISTS.

R. W. MORSE, D. D. S. Hollister Block, Room 517.

D. R. DAWLEY, M. D., D. D. S. Office over Postal Telegraph Co., Michigan and Washington aves.

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C. J. ROUSER—Capital Drug Store. 123 Washington Avenue South.

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SIMONS DRY GOODS COMPANY.—Dry Goods and Carpets. See ad.

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