would not only add to the revenue of a State, but would benefit the forests. But the indiscriminate and reckless way in which trees have been destroyed gives no chance to nature to repair the waste; and it is against such encroachments, viewed from either an esthetic or a practical standpoint, that the most strenuous opposition should be directed.--Philalelelphicu Record.
to Lindon.
In olden time, the prophet of the Lord
Went up on glorious chariot-wheels of tlame, But this pure heart. returning whence it came,
Had need of no fire horses, for his word
Had need of no fire-horses, for his word
Clothed him with light, and his keen spirit's sword
Flashed lightning as he spoke of Christ's dear name : And in his splendid carelessness of famo
He shone transtigured, till, the silver cord
Loosed here, he soart to Heaven. Though nevermore Above the whispers of that mighty dome His clear bell voice shall echo in the soul, There is within Death's sudden thunder-roll
The whisper of a glory gone before
A prophet cry to call us nearer home.
-H. D. Rawnsley, in The Pall Mall Gazette.

## occasional poertry.

I mave attended a large number of celebrations, commencements, banquets, soirees and so forth, and done my best to help on a good many of them. In fact, I have hecome rather too well-known in connection with "occasions," and it has cost me no little trouble. I believe there is no kind of occurrence for which I have not been requested
to contribute something in prose or verse. It is sometimes very hard to say no to the requests. If one is in the right very hard to say no to the requests. If one is in the right
mood when he or she writes an occasional poem, it seems mood when he or she writes an occasional poem, it seems
as if nothing could have been easier. "Why, that piece run off jest like ile. I don't bullieve," the unlettered applicant says to himself-"I don't bullieve it took him ten minutes to write them verses." The good people have no suspicion of how much a single line, a single expression, may cost its author. The wits used to say that Rogersthe poet once referred to, old Samuel Rogers, author of the "Pleasures of Memory" and giver of famous breakhouse whenever he had just given birth to a couplet. It is not quite so bad as that with most of us who are called upon to furnish a poem, a song, a hymn, an ode for some grand meeting, but it is safe to say that many a trilling performance has had more good honest work put into it than the minister's sermon of that week had cost him. If a vessel glides off the ways smoothly and easily at her launching, it does not mean that no great pains have been taken to secure the result. Because a poem is an "occasional" one, it does not follow that it has not taken as much time and skill as if it had been written without immediate, accidental, temporary motive. Pindar's great odes were occasional poems, just as much as our "Commencement" and "Phi Bota Kappa" poems are, and
yet they havecome down among the most precious bequests yet they have come down among the most precious bequests
of antiquity to modern times. - Oliver. Wendell Holmes, in of antiquity to mor
October Allentic.
studies of indian summer.
Indian summer, a season which is once more close at hand, is presumed to have received its name from the fact that it is the time of year in which the Indians were accustomed to lay up their suores of provisions for the winter. Whatever the derivation of its name, its praises have justly been sung by our native poets-for it is a North American specialty, strange to say-as the one halcyon time of year; and, as befits its mystical nature, much that is mythical and traditional infolds as in a haze That which science has revealed respecting its causation. The external aspects of the season, which usually comes in the latter part of October or in the early part of November, the warm, dry days, the reddish nkies, the sinoky aspect of the atmosphero, all accompanied by an indescribable mellowness suggesting the ripened fruitage of a year that is waning from the calendar of time. It used to be thought that the smoky effect was the veritable result of forest fires; but that idea has long since been abandoned as an explanation, though it is true that woodland fires, caused by hunters and others, are usually prevalent at this time of summer is called a "dry fog," and it is said: "This all appears to result from a dry and stagnant state of the atmosphere, during which the air becomes tilled with dust and smoke arising from numerous fires, by which its transparency is greatly impaired. A heavy rain washes out these impurities and effectually clears the sky.' Signal Service Observer Salisbury, of Cincinnati, in look ing over his weather maps for several years past, has found that the hazy atmosphere invariably occurred during a high barometer, with gentle winds from the south or south west. It generally occurred when a storm area or a low barometer existed over the lake region or in the mountains directly to the eastward, and romained fixed several days. This, as he tells the Times-Star, occurred the most about October 20, lasting for four or five and sometimes as high as ten days. It was very interesting to note how the circle of high barometer lingered over the Middle States so steadily, and the marginal notes would read "warm and
hazy." The facts noted by Observer Salisbury are the newest contributions to the meteorology of the golden cycle which we are now approaching; and, aside from their interest in a popular sense, they will be likely to have interest in a popular sense, they will be likely to have
value in a suggestive way to all who make any study of value in a suggestive way to all who make any study
weather conditions as a science.-Philadelphia Record.

## observations on clouds

Prof. Moller, of Carlsruhe, has made some interest ing observations on clouds. The highest clouds, cirrus and cirrus-stratus, rise on an average to a height of nearly 30,000 feet. The middle clouds keep at from about 10,000 feet to 23,000 feet in height, while the lower clouds 10,000 teet to 23,000 feet in height, while the lower clouds
reach to between 3,000 and 7,000 feet. The cumulus clouds reach to between 3,000 and 7,000 feet. The cumulus clouds
float with their lower surface at a height of from 4,000 to float with their lower surface at a height of from 4,000 to
5,000 feet, while their summits rise to 16,000 feet. The 5,000 feet, while their summits rise to 16,000 feet. The
tops of the Alps are often hidden by clouds of the third class, but the bottom of the clouds of the second class, and especially of the thunder clouds, often enfold them. The vertical dimensions of a cloud observed by Prof. Moller on the Netleberg was over 1,200 feet ; he stepped out of it at a height of 3,700 feet, and high above the mountain floated clouds of the middle class, while veils of mist lay in the ravines and clefts. The upper clouds were growing thicker ravines and clefts. The upper clouds were growing thicker,
while the lower ones were dissolving, and soon it began to while the lower
rain and snow.
micawber as a journalist.
The chief article in a recent number of the British Weekly is an " Open Letter" addressed "To those about to become journalists," by Mr. H. W. Lucy. In the course of the letter, Mr. Lucy says: "I suppose no one not prominently engaged in journalism knows how widely spread is inently engaged in journalism knows how widely spread is
the human conviction that, failing all else, any one can the human conviction that, failing all else, any one can
'write for the papers,' making a lucrative living on easy terms, amid agreeable circumstances. I have often wondered how Dickens, familiar as he was with this frailty, did not make use of it in the closing epoch of Micawber's life before he quitted England. Knowing what he did, as letters coming to light at this day testify, it would seem to be the most natural thing in the world that finally, noth. ing else having turned up, it should occur to Mr. Micawber that he would join the press-probably as editor, certainly on the editorial staff, possibly as dramatic critic, a position which involves a free run of the theatres and a more than nodding acquaintance with the dramatic stars of the day. nodding acquaintance with the dramatic stars of the day. Perhaps Dickens avoided this episode because it was too
literally near the truth in the life of the person who, all literally near the truth in the life of the person who, all
unconsciously, stood as the lay figure of David Copperfield's unconsciously, stood as the lay figure of David Copperfield's
incomparable friend. It is, I. believe, not generally known that Charles Dickens' father did in his last desolate days become a member of the press. When Dickens was made editor of the Daily News he thoughtfully provided for his father by installing him leader of the Parliamentary corps of that journal. He, of course, knew nothing of journalism was not even capable of shorthand. Providentially he was not required to take notea, but generally to overlook things, a post which exactly suited Mr. Micawber. So he was post which exactly suited Mr. Micawber. So he was inducted, and filled the office even for a short time atter his son had impetuously vacated the editorial chair. Only
the other day there died an original member of the Daily News Parliamentary corps, who told me he quite well remembered his first respected leader, his grandly vague conception of his duties, and his almost ducal manner of not performing them."

## PECULIAR INFATUATION

different methods of following the indundtion " love one another."

Do men ever fall in love with each other?
Women do. Not long ago a young woman in New Jersey was married to a youthful labourer on her father's farm. Sometimes afterward it was discovered that the husband was a female; the young wife refused, however, though earnestly entreated by her friends, to give up her chosen consort. The strangest part of the discovery was the fact that the bride knew her husband was a woman before she was led to the altar.

If men do not exhibit this strange infatuation for one of their own sex, they at least often-times give evidence of the fact that they love one another. There are many instances on record where one man has given his life for another. There are many more instances where men have given life to another.

It is a proud possession-the knowledge that one has saved a precious human life. Meriden, Conn., is the home of such a happy man. John H. Preston, of that city, July 11th, 890, writes: "Five years ago I was taken very sick. I had several of the best doctors, and one and all called it a complication of diseases. I was sick four years, taking prescriptions prescribed by these same doctors, and I truthfully state I never expected to get any better. At this time, I commenced to have the mopt terrible pains in my back. One day an old friend of mine, Mr. R. T. Cook, of the firm of Curtis and Cook, advised me to try Warner's Safe Cure, as he had been troubled the same way and it had effected a cure for him. I bought six bottles, took the medicine as directed and am to day a well man. I am sure no one ever had a worse case of kidney and liver trouble than I had. Before this I was always against proprietary medicines, but not now, oh, no."

Friendship expresses itself in very peculiar ways sometimes; but the true friend is the friend in need
$C H E S S$
PROBLEM No. 509.
By O. Nemo.


PROBLEM No. 510.
By Walter Gleave.


SOLUTIONS TO PROBLEMS.


From the International Correspondence Tournament recently
organized and conducted by M. Rosenthal in Le Monde Mlustre.


Notes.
(a) An obsolete defence, revived on occasions of late, with little (a) An obsolete defence, revived on occasions of late, with little
success. It avoids some difficulties peculiar to the early stages of the opening ; but lands him in others of a more serious nature, and for (b) it condemned.
(b) Probably best, seemingly White loses time by thus playing his Bishop; but this being then offset by a similar loss on the other side, a perceptible advantage in development ensues. Of course the Pawn, momentarily exp
ex $-\mathbf{R} 4+$, etc.
(c) Another and perhaps equally strong line of attack suggests it-
here in $7 . \mathbf{P}-K$ R 4, etc.
(d) This pretty sacrifice seems fully warranted in the circum(e) T
(e) The protection of his Bishop's Pawn was necessary; and this, it appearr, was the only wav to do it. If $10 . \mathrm{Kt}(\mathrm{Kt} 3)-\mathrm{B}, 5$, then 11 .
$\mathrm{B} \times \mathrm{Kt}, \mathrm{Kt} \times \mathrm{B}, 12 . \mathrm{Kt} \times \mathrm{B}, \mathrm{Q}-\mathrm{R} 4+, 13 . \mathrm{K}-\mathrm{B} 1$, and $14 . \mathrm{Kt} x$ $\underset{\mathrm{P}}{\mathrm{B}}$, with an easy winning game.



For the "Chess Player's Annual and Club Directory, 1891," the authors, Mr. and Mrs. T. B. Ruwland, 10 Victoria Terrace, Clontarf, Dublin, invite the following particulars of chess clubs: Town, club name, year established, pace of meeting, days, hours, number of
members, annual subscription, laws, president, hon. secretary's name members, annual subscription, laws, president, hon. secr
Chess editors will please send in, also for the "Annual," the
"llowing particulars of their newspapers: Title, publishing office, following particulars of their newspapers: Title,

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If he who makes two blades of grass to grow where only one grew before be a public benefactor, equally so is he who plants a tree that may one day take its place among the " green-robed senators of mighty woods."

