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Correspondence.

For the Christian Messenger.

AUTOBIOGRAPHICAL SKETCH.

By REV. CHARLES TUPPER, D. D.

CHAPTER III.

CONVERSION, AND ENTRANCE ON THE MINISTRY.

(No. 15.)

Having united with the Baptist Church in Cornwallis, I usually attended conference and had done wrong. communed with that in Nictaux, which was

led to reflect on the necessity of the improve- being badly hurt. This was the effect of is reason to suppose that the threats of the ment of my mind, by the acquisition of use- fighting while in a state of drunkenness .- Confederates is not idle boast, but their hosful knowledge. But strong fears assailed me, Such cases clearly demonstrate the truthful- tility will be manifest as long as they have good and useful minister of the gospel. Some rest, whose waters cast up mire and dirt;" pious friends expressed similar fears : and and, "The way of transgressors is hard." constrained me against making efforts for the attainment of education. They suggested that such a course would be likely to render me lifeless and inefficient. I greatly deprecated the idea of engaging in anything that might tend to engross my mind, and diminish my earnestness in devotional exercies. It was, however, evident to me, that one whose duty it would be to expound the sacred Scriptures, all available means in order to make himself ders. thoroughly acquainted with their exact meaning; and that to his end he ought to study diligently, as well as to pray earnestly for di- DEAR BROTHER,study of Latin, in the hope that I might sub- the quickest passage of the season and bring- (great generals in their way), will not take trum. Other substances give other lines, sequently acquire a knowledge of the lan- ing the latest dates.

welfare of the people, both parents and child- the Rio Grande, this river is narrow and (with one or two noble exceptions) in the de- lithia, and lime, are not simple substances, ren, where I had first taught school, namely, shoal and only the lightest draft steamers can partment of the Gult headquarters at New each is a compound of a metal with oxygen, in the western part of Cornwalls, on the Back come this far, one or two steamers carry Orleans is a matter of constant conversation, a gas which enters largely into the composition Road. I had serious thoughts of attempting freight, but they are so uncertain, and so of- and I do not suppose they place much value of atmospheric air, and which gives to it its to hold a religious meeting in their school- ten get a-ground, that traders prefer sending on greenbacks, judging from the number I house. This appeared to be, indeed, a great their goods up on wagons. Matamoras is had to pay to get clear. They understand soda is formed is called sodium. The base of undertaking; especially as I might probably thirty-five miles from the entrance of the palm oil here as well as up the Mediterranean potash is potassium, and of lime, calcium. have to conduct the meeting alone. But as Rio Grande. It is an old town, chiefly of but do not take it in so open and direct a the people were remote from any place of one story brick buildings, the streets are nar- manner. worship, and were rarely visited by the gos- row, running at right angles, with sidewalks I have just met a gentleman from up the scope. So delicate is the method of analysis, pel ministry, it seemed incumbent on me, as sadly out of repair. A heavy trade has country, he reports the French army within that the presence of the most minute, and to far as in me lay, to supply this deficiency of been carried on here since the war in Texas. 150 miles of Monterey, and all quiet. the public means of grace. On deliberate The Federals occupy Brownsville nearly op-I determined, in the hope of divine assistance, it will cause a falling off in the trade here. to make the attempt.

1815, I held a meeting in the school-house 43 cents per lb is paid in gold for the best in which I had formerly taught. This first quality. effort to conduct public worship without the The Mexicans are an indolent people, the

Though no text was read as the foundation of prejudicial to the health of strangers, and If, however, a glass prism be placed behind took greatly of the nature of sermons, such the test,

as well as by personal admonitions in private. I found him, with his face frightfully bruised, than any told in history. In connexion with these thoughts, I was excusing himself from drill on account of From what we have seen in the past, there

For the Christian Messenger.

LETTER FROM MATAMORAS, MEXICO.

We have been again favored with a letter from Capt. Cutten to his friends, which was under indispensable obligation to employ will be perused with interest by our rea-

Matamoras, March 11th, 1863.

originally written. Formerly this had been sold it here at a high rate, making a good you pay for your morning paper and city rail. into the flame which furnishes the specundertaken from the love of knowledge, with- freight and quick despatch. The ship is now way fare with government paper, if you comout any ulterior design; but now it was my lying in the roadstead, and the cargo has to plain of the high prices charged for goods, prevailing desire, though doubtless mixed be sent on shore in lighters, but seldom a you are told the money is no good. As poor with much imperfection, to be thereby render- small boat can enter the river, as there are as this country is there is no currency but constant breakers, and only from three to six specie. Feeling deeply interested in the spiritual feet of water on the bar at the entrance of The corruption existing among the officials the presence of four metals."-Soda, potash,

Cotton has to cross a long way up the Accordingly, on Lord's day, June 11th, river and came over 700 miles on wagons,-

aid of brethren, was, as may be naturally height of their ambition appears to be, to supposed, attended with considerable trial. - wear a large hat, and lose money at the gam-After singing, the reading of the Scriptures, ing table. Gambling with all its vicious asso-and prayer, I delivered an address in the ciations, is indulged in here to a fearful ex-

lost condition, by a divine change, and justi-fication through faith in Christ, was consid-they have been defeated in the interior. In image is called the solar spectrum. ered. I enjoyed a considerable degree of Monterey the Governor refused to allow Every one who has studied natural philoso-freedom in speaking, and felt persuaded that President James to enter the town, and it is phy knows that white light, as that of the sun, my course was approved in the sight of the said he will deliver the city up to the French. for instance, is made up of a union of rays Most High. Subsequently some trials of One can searcely take much interest in the of light of the three different colors just mind were endured, from the apprehension wars here, after being accustomed to hear of mentioned. A ray of light in passing obof running too fast; but on careful reconsid- armies of 100,000 men and of money by liquely from one medium to another of diferation, I did not feel at all convinced that I the million; the loss at a battle here will ferent density, as, for example, from air to scarcely equal a common railway accident or glass, is bent more or less out of its course, Shortly after this I passed through a scene a steamboat diversion in the country I have it is refracted, as it is called. If the red, nearer the place of my abode. The discourses of Rev. T. H. Chipman were edifying and days continuous exercise in learning the art of federates on neutral ground, where it is not composition of white light, were bent in an strenghening to me. It was my custom to attend worship every Lord's day, and on week evenings when there was opportunity, at some place where there was either preaching or prayer meeting, and to take an active part in the exercises. Instances of awakening and the exercises. Instances of awakening and the exercises in learning the art of killing men. Assuredly I did not make much proficiency in it. With me it was a great most sanguine and hopeful I have yet met. Can the Southern men here are the most sanguine and hopeful I have yet met. Can the South be conquered? is a question of drunkenness and fighting. On the first day a young man standing in the rank direct-their affairs look dark and gloomy, yet, when light through the prism; but the blue rays are hear negative. hopeful conversion that occurred, encouraged ly before me, swore fearfully. I thought the we see a people who have been accustomed of the sunbeam are bent more than the yellow, and animated me to diligence in the use of language of the prophet applicable, "The to almost every luxury, now living on the and these last more than the red, so that each Feeling an ardent desire to bear some humit is an evil time." When, however, the and willingly suffering everything even death three very distinct bands of color. They are ble part in the advancement of the Kingdom of Christ, and the salvation of my perishing combined, I was so greatly shocked that I think the struggle must be a long one, I have band overlaps, so to speak, the yellow band, fellowmen, I sometimes entertained serious clapped my hand upon his shoulder, and beg- heard paroled prisoners, who fought in many a and you know we have a green one. In the thoughts with reference to engaging in the ged of him to desist. At first he seemed dis- battle, say they would fight side by side with same way, an crange band is formed by the gospel ministry. But it seemed to me too posed to apologize, remarking, "I did not English or French, and become a colony to overlapping of the edges of the red and yelhigh and too holy a work for one like me to know that you were here," but presently he any stable government, rather than ever sub- low bands. At the blue end of the spectrum undertake. I shrank from the fearful respon- seemed to regain confidence in his iniquity, mit to Federal rule. If gircumstances re- there is a violet (purple) band formed by the sibility attending it. There appeared, how- and added, "I suppose liberty of conscience quire they will free the Slaves, and, having al- union of some of the red and blue rays, the ever, no reasonable ground of doubt, that it is allowed." But what was the speedy re- ready suffered so much, as they become more former having a higher degree of retrangibiliwas my duty to improve the gifts bestowed sult of the liberty claimed by him against desperate, they will fight with more determi. ty than the majority of the rays of the same upon me, by prayer and exhortation in public, conscience. The next morning at roll-call nation, and a more cruck war is to be waged color. Such is the simplest form of the solar

> tion of their position, as if not pleased with lines in the spectrum was not accounted for. their company, perhaps this is owing to the In examining the spectra formed by the light them, they must bring the war to a close.

dust is awful, worse than at Amherst in July, ing body may be readily detected. It has and ald Yours truly R. F. CUTTEN.

For the Christian Messenger.

WHAT THE SUN IS MADE OF.

BY CARL STEINHAMMER.

either of these discourses, yet they both par- puts one's cold water principles severely to the opening, the light in passing through the prism will be more or less bent out of its as they were. In the forenoon the ruined Politics are causing some interest so far as course, and the spot on the screen will be state of man, whilst unrenewed, and Satan's it relates to trade. The reactionary party is clongated. It will not as before be of a uniefforts to keep him in that state, were noticed; increasing daily and it is not expected the form white, but it will be made up of tran- and in the latter, man's deliverance from his French will meet with much opposition here verse bands of different colors, of which

Studied by Prot. Frauenhofer with the aid of the microscope, it was found that the spectrum was crossed by innumerable dark lines, lest I should confide in human learning rather ness of the inspired declarations, "The wick- power to resist. It appears to me that the position. The more prominent of these lines than in the Lord who only could make me a ed are like the troubled sea, when it cannot sympathies of the West are more with the were mapped down by the professor, and let-South than the East. Those I mot connected tored. They are still known as Frauenhofer's with the army always spoke with dissatisfac- lines, A. B. C., &c. The presence of these

pernicious doctrine of state rights which is so given out by burning substances, it was found common out west. One source of complaint is that they were crossed by innumerable bright the war taxes, which the Yankees say bear so lines, many of which were recognized as ocheavily on the Atlantic states, but the West cupying exactly the position in their respecfeel that the high tariff which protects the tive spectra, as certain dark lines observed in eastern manufactures, heavily taxes them, the solar spectrum. The light given out by there evidently is not that cordial good feel. flames with simple substances as sodium, poing which a common cause should make tassium, iron, &c., burning in them, was anbetween the two sections of the country. The alyzed and it was found that the spectrum of future of the war depends largely on the each was characterized by certain lines apvalue of greenbacks, with a continued increase pearing in different parts of the spectrum. vine assistance. I therefore conscientiously I left New Orleans on the 28th of Febru- preciate in value, and should the government was burning, gave always a very bright yelin circulation and no redemption, they must de- Then, for instance, a flame, in which sodium conclude that it was my duty to resume the ary and arrived here the 3rd instant, making learn some day that the butcher and baker, low line in the yellow band of the specguages in which the sacred Scriptures were I bought a lot of corn at New Orleans and There is no small change in New Orleans, ened with chlorhydric acid, are introduced trum we see appear the yellow line of sodium, the pale red line of potassium, the intensely red line of lithium, a very deep orange line and a green one both corresponding to

The instrument used in the " spectral analysis," as it is termed, is called the spectrobeen calculated that, by means of the spectroscope, the eye can detect the presence of one-twenty millionth part of a grain of that substance! Soda is almost everywhere, in almost everything, in the air even, so that its brilliant yellow line is rarely absent from the spectrum.

morning, and another in the afternoon .- tent. The water here has a salt taste and is dark room, it will form a round white spot. of ignition in the sun. Then, for instance,