marrisge ceremony, which has survived to this day, as far as I know, only in the Court of Frussis. At least nothing corresponding to it will take place at the coming betrethal of the Austrian Emperor's daughter to the Prince of Bavaria. Probably the dance is a symbolical conducting home by techlight of the bridegroom and his bride, and I recommend it to the attention of Sir John Lubbook for a future edition of his chapter on the marriage customs of our savage ancestors. The Pausian Ministers and ex-Ministers, twelve in number, bearing long wax candles, neecede the bride and roperor, who leads her round the hall, and then the bridegroom bows to cure joins in the dance, one at a time, according to age, rank, and preceence, always preceded by the twelve solemn locifers, and to the sound of the me ancient march. Last night the sacred dance had to be repeated

There is a bridal chamber in the palace in which all princes of e by the barbarous custom of the distribution of the beide's garter, after savage observance I recommend to the study of our prehistoric anacologists at home, and which, I believe, survives only among the er is a pavilege reserved to the best man, or "garçon d'honneu Ire the so called garter has become an emblematic riband of sufficient light to satisfy the demands of the numerous princes who are agin to satury the demand of the spire to a fragment, and which t mistress of the robes, who cuts it up and distributes it, professes thave obtained from the happy bridegroom. Thus end the revels thave dotained note for mappy connectment. These was use rever the first day. On the following morning the young pair go to church if at one o'clock partake with the Royal family of a discloser disentance athe meal is officially termed in the printed programme. I fancy traire would have corrected this location as well as disor or refrait i Frederick the Great's MSS, and the natriotic ness of Germany is ld in its protests against the French denominations which still neevall which the knights of the many Prussian orders are to wear their collars, which the kinght of one many remains orders are to wear noon cooling, bands, and stars is detailed at length in the programme. At seven there a grand gala-representation of Glick's "Iphygenia" in the illuminated ids with a levee in the crush-room, and on Tuesday morning the woung air are at last released from the constant gaze of observers, and are

"THE EMOTIONS IN MAN AND ANIMALS." \* s is strange to reflect how different the social life of man would be from . If another person is to become cognizant of the train of are well in a state of the stat as learned to associate those intellectual states. Such signs may eit e vocal sounds, or pictorial images, or those telegraphic movements of the nce of onomatopreia in the first formation of language, the associa on of a thought with a vocal sign-in other words, the attachment of s on of a mought when a sign—is an arbitrary process, the result of habit re every speaker of an existing language. There is obviously no assor have the habit of the parents why an English child should all a certain quadruped "dog," while a French child calls it chien," and a German "hund." In like manner, the meaning of the ictorial signs which constitute the letters of the alphabet must be there is the no less arbitrary, though hieroglyphics and pictures pressive of action show that visual language has its command the pressive of action show that visual language has its command the pressive of action show that visual language has its command the pressive of action show that visual language has its command to the pressive of action shows the pressive of actions the pressive of acti le ; while Mr. John Evans has recently almost persuaded us that the ters of the alphabet themselves, purposeless scratches as they look r merely modified and abbreviated pictures of the things, by the names of ich the powers of the letters were well exemplified far as they are capable of expressing thoughts unmixed with emotions, be, to a great extent, a natural meaning, a signification which is ind pdent of previous explanation. Offer a bit of biscuit to a savage, and, the same time, go through the motion of eating, and he will at once derstand that the biscuit is good to cat and will proceed to devour it. Head to strake num, on the coner name, and become at once snow man or lows what that means. Gestures are such clumsy artificial signs that by are but little employed for purposes of intellectual expression by like who are in possession of the faculties of speech and hearing. But,

torg the deaf and dumb, gesture signs become as complicated and as Opletely artificial as those which are spoken or written

ot merely intellectual purposes, therefore, it may be said that all we

At the Expression of the Emotions in Man and Animala." By Charles Durwin, MA FAS. (London: John Murray, 1872.)

ermitted to begin their honeymoon

have to express might be expressed just as well as it is at present, and eryon a cigar theore the same corcumstances; and one teets that the impressibility of getting any one to sympathize with his humours must have been a grievous part of the punishment of the Man in the Iron Mask. The face, in fact, is the dial-plate of the emotions—a sort of an apparatus lodged in the orbit, of a quantity of water which, so far as one can see, might just as well have been climinated in other ways. But the cardinal belief of science is embodied in Leibnite's axiom that "every thing has a sufficient reason." best testimony to the validity of a natural law. And the hypothesis which has done so much towards giving us a "reason why" for the occurrence of stripes on the legs of dun ponies and for the endless caprices of form vicw; and his book contains the first serious attempt that has ever been Mr. Darwin treats but lightly of the fundamental problems—Why doer emotion manifest itself in involuntary bodily changes? And, further, why are the charges which accompany some emotions exactly contrary in their charges, to those which accompany others? In respect of the format inquiry he adopts Mr. Herbert Spencer's view, that all emotion is accom-panied by a generation of nerve force, which must expend itself in some way or other, and ordinarily vents itself in contractions of the most easily moved muscles. No doubt the "shock" felt in astonishment and the "fato-burst" feeling of laughter and of rage, testify very strongly to the explosion of nerve force which accompanies some kinds of emotion pany the emotions of either love or sadness, which, nevertheless, are pany the emotions of either sove or sames, which, nevertheless, see interse enough in their way. Moreover, if these explosions occur, why should they sometimes affect one set of nerves and sometimes another? ixowledge of the mode of operation of those wonderful nerves (such as the branches of the vagus and sympathetic which go to the heart) the function of which is to hinder or accelerate the action of other nerves; and in the ultimate unravelling of the processes by which some emotions excite and thit make threavening of the processes by which some emotions know and accelerate the ordinary weeking of the organs, while others depress and hinder that working. That pleasurable emotions exhilizate, and painful hinder that working. That pleasurable emotions exhilarate, and painful costs depress our bodily frames are, for the present, ultimate facts, as little however, the postulates that emotion tends to give rise to explosic of zerve force, and that the course of the zerve force thus generated is more or less determined by the organization of the nervous system (which is Mr. Darwin's "principle of direct action on the nervou (which is ser. Darwins prompts of the stat all expression is explib) setting in the aid of two other principles—that of "serviceable associated habits," and that of "antithesis." In other words, given the general fact that emotion tends to give rise to movement, and that the organization of the nervous system more or less determines the direction of this movement, expressions are of two classes. Either they are actions which are useful to the organism under the influence of the at an earlier stage of its development; or the acts which constitute the agreesion are not useful and never have been useful to it in this sense but they are actions which are the physical contraries to those which accompany that emotion which is the opposite of the one which they excumples, one camount was no see oppose or one was the one was to express. Thus a cat, in a rage, crouches ready to speing, unabeathes his talone, bares his teeth in readiness for biting and scratching, and growls so as to make his adversary afraid. All these move and pro- so as to make an acceptance of the cat are obviously directly subservient to the passion [by which the animal is inspired curectly supervises to the passion joy when the animal is imported. So when an angry navvy starts up, and, swinging his arms about and clenching his first, expands his cheat and plants his feet firmly on the pround, these expressive movements are plainly enough explicable by the sericiple of "serviceable associated habits;" the body is doing its best principles of "serviceance associated maters; the body is using its con-tion satisfy the mental emotion by perparing to destroy the object of rage. But wby, at the same time, does our nawy-lay bare his gnashing teeth and set his jaws by the firm contraction of the biting muncles? He is going to fight with his fists, not to fasten upon his adversary with his This is an associated habit which is not now serviceable. says Mr. Darwin, but there was a time in the history of our ancestor

it was serviceable-so serviceable, in fact, that the trick of

anon exploitory are, with consequent coagnition of the wealth of the To-Continual the coagnition and countered in effects, the girlfs are tracted in the continual three properties of the continual three which cause the continual three which cause the continual three which cause the counter of the continual three which cause the glaby. Hence frowing and pain become so influstably associated spectra that the estimates of the emotions at some call may be a marked to the continual three contin

and the same of the control time and anywar the regions with Mr. I year being noder it but may some. The principle of antibinate is being the property of the property of the property of the property of the control time of ti

Of the silutification, in the operation in these units silutions to outsigns assess, and the production of the silutions of the silutions of the silution of t

The "Expression of the Emotions" resembles Mr. Darwin's former works in the filtness of its observational basis and the ingenticly with which the braids of feat are strong upon the thread of theory; but, so feat as we recollect, neither the "Origin of Species" nor the "Descent of Man" contained to good a story as the following:—

A small flates party was given in honors of an extremely shy man, who when he erece to return that arbaneth the goods, which he had wishoody learned by based; in

cone to return thatke relaxated that speech, which he had evidently satisfact by found; it about a fine, on all that wither a single work, but he sole of an it he were quanting with about a fine, on a fine of the single state of the single single

succeeded uncomments well.

How one wishes that after-dinner speakers, in general, were "shy men" of
this sort, so that we might sip our claret undisturbed by planisudes, while
they might be made just as happy as they are now!

## NEW BOOKS AND NEW EDITIONS

"For Liberty's Sake," By John B. Marsh. (Strahan and Co.) The here of Mr. Marsh's fiction is Robert Ferguson, the Judas of Dryden's "Absalom and Arbitophel," who took an influential part in the Duke of Monmouth's rebellion, and obtained a free pardon. When King William came to the but he plotted against William as he had plotted against Charles, and was led " to ally himself with these who secretly sought to restore lames to the throne." The man by all accounts was honest, but he was by nature restless and intriguing, and can scarcely be said to have rendered any essential service to the cause of liberty. Marsh, we suppose, thinks otherwise, for he calls Ferguson the most celebrated men of the are," and having discovered in the ate Paper Office several letters addressed by him to his wife, and also MS, in Ferguson's handwriting relating to the Rye House Plot, he has de use of these materials in the construction of his tale. We wenture to possess when surrounded by the mist of fiction. The letters inserted in the tale show that Ferruson was an affectionate husband and had a good wife: but beyond this there is no special significance in them, excepting that they contain nothing to corroborate Lord Macaulay's opinion that he was the deliberate betrayer of his friends. Mr. Marsh, by the way, describes with some spirit the cruel persecution of the Nonconformists; but forgets that when the Puritan had the upper hand, their forbearance was by no means conspicabus.

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