Animal from the Vegetable Kingdom of nat of God! re, and this peculiarity will be found to be ab lutely necessary; for if the food or nutriment animals is not brought to them as to plants, means of roots or other conductors, they must eds go in search of it; and how wisely are mished with instruments for the purpose, some the form of limbs, some of wings, some of as, and some of the reptile tribe are enabled more by the disposition of the muscles and res of their bodies; but what would this powof motion and means of performing it have -nified, had these creatures been left to grope the dark, without ability to distinguish the good m the bad;

To shun their poison, and to choose their food." um whence the ramifications of the nerves take Lir rise.

mirably situated and guarded also are the orans of respiration, and that mysterious movement that faints not, neither is weary," but by night d by day, asleep or awake, in motion or at rest, ats in unremitting pulsations, with greater reularity than a watch, in the breast of some aniis for 60, in some 70, and in others upwards . 100 years. I might also notice the admira-.. structure and wise disposition of the other Gleams of short sense, a dawn of thought daplay; \_ms in the animal country, but this would be consistent with my present limits and design; must, however, observe on the whole, that From twenty-one proud manhood takes its date, ch will be found most conveniently situated r its respective uses, and formed in the wisest ner for its various purposes;—that while At forty-two his eyes grave wisdom wear,
hing is awanting to reader the structure com- And the dark future dime him o'er with care; ...te, there is nothing superfluous or made in On to the sine-and-fortieth, toils increase, nis. The feeler's of the Butterfly are no less And busy hopes and fears disturb his peace; ntial to her well-being, than the problems of Then life burns steady, and with temp'rate fire;

Elephant; and the leg of the Fly can no But sixty-three unbinds the body's strength,

say to its using, than the eye of the HuEre th' unwearied mind has run ber length; an Body to its kand, "I have no need of thee." And when from sever by Age surveys her last, But if the right consideration of the structure Tu'd she stope abort—and wishes all were past of saimale as well as the wise provision made

t would not the wonder have been still more for their lodgment and subsistence, must congmented, had the specimen been taken from vince the most sceptical that all are the doings of ong those little curiosities of the Western a Being infinite in power, and fearful in working, amisphere, called Humming birds; with the and inspire the religious philosopher with such flection.

Sentiments as David expressed when contem claws not thicker than a common pin; that its plating the formation of the human frame, must it is about half and inch deep, its egg ab out we not also adopt such language as he made use ignorant are always the most violent in pursuit.

The knowledge which is torest upon them. e size of a small pea; and that, nevertheless, of on another occasion, and say, when reflecting The knowledge which is forced upon them by is diminutive bird is adorned with a plumute on the manner in which these cleatures are re- longer ecquantance with the world, moderates the richest hues, and covered with a down produced, and the wonders of that pro creative their impetuosity. Study, then, to anticipate, at makes it resemble a velvet flower: But in power by which a continued succession is kept by reflection, that knowledge which experience ed, the structure of the smallest insect, or up, Thine eyes saw them when they were made in often purchases at too done a price Inure ed, the structure of the smallest insect, or up, Thine eyes saw them when mey were made in often purchases at too dear a price inutest animal, in the creation of God, carries secret, and curiously involved in the lower places yourselves to frequent consideration of the empons with it the most indisputable evidence of of the earth. Whether they come into the world in the shape of animals completely formed or strife and commotion among mankind. Think through the medium of eggs, still the business of those pleasures which exerts so much introduce of passion, than by the want of those things which give occasion to that passion. Persuade yourselves that the fivour of Cod and

> as are used for animal food, abound in every climate, and the short in duration are uncommonly prolific!

The instinct displayed by many of the irra tional creation for the preservation of their young, is also astomshing, and in some instances has been referred to as example of the strongest proofs of affection. " How often," says our Might they not as well have remained to per Saviour, " would I have gathered the children

### PCETRY.

## From the Cheop Magazine. THE DISTINCTION OF AGES.

The seven first years of life, (man's break of day) When fourteen springs have bloom'd his downy cheek. His soft and blushful meanings learn to speak; Yet is not strength complete till twenty eight; Thence to his five-and-thirtieth, life's gay fire Sparkles, burns loud, and fiames in herce desire;

## THE ACCOMPLISHED YOUTH.

# EXPERIENCE TO BE ANTICIPATED BY RB-

Persuade yourselves that the favour of God and The provision for keeping the number of of the rational nature. Let a contented mind creatures within due limits, is no less remarks and a peaceful life, hold the next place in your ble than that for bringing them into being.—The estimation. These are the conclusions which estimated. most formidable monsters are thinly scattered, the wise and thinking part of mankind have alor canfined to particular spots. Long head ways formed To these conclusions, after have animals are observed to have few young at a mg run the race of passion, you will probably time, while those of the greatest utility, or such tong run the last. By forming them betimes, you will make a seasonable escape from that tempestuous region, through which none can pass without suffering misery, contracting guilt, and undergoing severe remorse.

Blair.

#### DAWN OF GENIUS.

FERGUSSON - This emment practical philosopher Lat the spot which gave them birth, as to have together as a hen gathereth her chickens under and astronomer, was born in an humble station at rayed only to get their frames shattered by her wings, and ye would not!"—but there are ery intervening obstacle; or the vital spark some of this order who stand not long in need of those which his father communicated to an elder broery intervening obstacle; or the vital spark some of this order who stand not long in need of thous which his father communicated to an elder broinguished by mistaking the baneful plant for parental protection and instruction, for the newthere is the was afterwards sent for about three months wholesome herb. To remedy such evils, by calred Hippopotamus on the death of his dam, to the grammar school at Keith; and this was all the wever, Nature, or rather the God of Nature, will, at the sight of danger, betske himself to a scholastic education be ever received. His taste for or in this senge I wish always to he under-place of safety in his natural element at the bot-mechanics appeared when he was only about seven or or in this sense i wish siways to be didder place of safety in his natural element at the bot-inection of age; by means of a turning lathe and a time to capit years of age; by means of a turning lathe and a time, he constructed machines, that served to illustrate the utmost precaution to guard speak more fully of those particular instructs by trace the properties of the lever, the which, and the animals are distinguished; but as I shall taxle. Of these machines, and the mode of their quisite skill, as well as that seal of all sensation, have occasion to notice a few of these in con-application, he made rough drawings with a pensidering some peculiarities in the different orders and wrote a brief description of them. Unable to as I go along I shall here drop my general sur- subsist without some employment, he was placed with as I go along I shall here drop my general sur-leading, to put the wheel in motion the cistern, no animal could exist, and how Quadrupeds.

as I go along I shall here drop my general sur-leading farmer, and occupied for some years in the care of his sheep. In this situation he commenced the cistern, no animal could exist, and how Quadrupeds.

In this situation of the study of astronomy, devoting a great part of the night to the contemplation of the heavens, while he amused himself in the day time with making models of spinning wheels, and other machines which he had an opportunity of observing. By another farmer, in whose service he was afterwards engaged, he was much encouraged in his astronomical studies, and enabled by the assistance that was afforded him in his necessary labour, to reserve a part of the day for making fair copies of the observations which he roughly sketched out in the night. In making there observations, he lay down on his back, with a blanket about him, and by means of a thread strong with small beads, and stretched at arm's length between his eye and the stars, he marked their positions and distances. The master who thus kindly favoured his search after knowledge, resommended him to some neighbouring gentlemen, one of whem took him into his house, where he was instructed by the butler in decimal arithmetic. algebra, and the elements of geometry. Being afterwards deprived of the assistance of his preceptor, he returned to his father's house, and availing himself of the information derived from Gordon's Geographical Grammar, he constructed a globe of wood, covered it with paper, and delineated upon it a Map of the World; he also added the meridian ring, and horzon, which he graduated; and by means of this instrument, which was the first he had ever seen, he came to selve all the problems in Gordon.