Vot. I.)

HALIFAX, FRIDAY, MARCH 13, 1835.

[No. 9.

## NATURAL HISTORY.

## THE HARPY BAGLE.

the extremity; the legs are only partially previously to consigning them to its maw. feathered, on the upper part of their anterior portionable length.

The Harpy is so bold, according to Hernandez, that it does not scruple to attack the most ferocious beasts and even man himself; but this attribute is probably as much exaggerated as its docility, when he adds that he may be tamed and trained to hawk as readily as the rest of the accipitrine tribe. He states also that it is quarrelsome, sullen, and fierce, and preys not merely upon birds, but upon hares, and other similar animals. Linneus adds to this account, probably on thereport of the keepers of the Spanish Menagerie, that it is capable of splitting a man's skull with a single blow of its beak. Maudait states that he had been informed by trawellers that it commonly feeds upon the two enecies of sloth which are found in the forests of Guiana, and carries off in its talons fawns and other young quadrupeds. These details are confirmed by Sounini, who describes it as living perfectly solitary in the depth and darkness of the thickest forests, where of course it is seldom disturbed by the prying It is even one of the most common things in eye of curiosity. He himself observed it the world. It is found in the atmosphere at perched upon a lofty tree on the banks of all times, and in all places. the Orassu, where it seemed altogether moit remained for several days, displaying no erals. symptoms of mischievousness, but constantthey had never been seen before.

These scattered notices comprise all that is known of its history in its natural state. times in great abundance. Whenever bread, In captivity there is little to distinguish its yeast, wine, beer, cider molasses or any This noble bird, the most magnificent of manners from those of the other birds of its substance undergoes the least fermentation, the Eagle tribe, is distinguished from the tribe. An individual taken from the nest, the result is an acid in the form of air, which other Eagles by the shortness of its wings, in possession of the elder Jacquin, became so is as extensive and common as the atmosthe extreme robustness of its legs, and the tame as to suffer its head to be handled and pheric air. more than ordinary curvature of its beak and scratched; but unfortunately this specimen talons. Its upper mandible is remarkably was found dead on its passage to Europe, sparkling to bottled cider, beer, soda water, thick at the base, from whence it is continued having fallen a victim, as was supposed, to and many other liquids used as beverages. for some distance in a straight line but sud- the vengeance of the sailors, whose monkeys It is the loss of this acid that renders, beer, dealy curves downwards with a strong arch it had destroyed. These animals in their cider, wine, &c. dead, as it is termed. toward the point, which is extremely sharp; gambols unconsciously approached too near the lower mandible is straight, short and its cage, and were seized by its powerful ing is healthful and invigorating when obtuse; the nostrils are transverse and oval; talons, it devoured all of them with almost all taken into the stomach, it has many times the wings do not reach when closed beyond their bones, but not without skinning them, the middle of the tail, which is rounded at an operation which it uniformly performed

very best of beef.

Her flesh makes excellent beef; of her good. horns are made combs, knife handles, &c.; of her skin is made leather; and from the acid by pouring oil of vitriol upon pulverized cow we get the matter, for kine pock inocu- marble, which is discharged from the lime lation, an excellent preventive of the small or marble in the form of bubbles, which pox. Her blood is used in a great variety chemists call effervescing. They then comof ways; of her hoofs we make glue.

## COMMON THINGS.

## No. 3.-ACIDS.

Being nearly twice as heavy as common it by one leg to his boat, in which position rocks, especially limestone, and many min- acid.

specimen called by him Aigle Destructeur. in great abundance. Indeed the whole ani- gives it the name of carbonic acid. Of the Grand Aigle de la Guiana he met mal kingdom are constantly producing it in candles, &c.

Fermentation also produces it, and some-

It is this acid that gives the life and

proved fatal to life, when taken into the lungs. Persons descending into wells or other low places, where it has taken possession, have frequently dropt lifeless. In surface, the remaining portion being naked THE Ox.—The ox is about as large as some instances persons have instantly lost and reticulated; and the talons are excessively inverful, the internal and the posterior is more bulky, especially about the vat in a brewery, or distillery, after being the internal and most disproneck and head. The ox is a very useful emptied of the substance fermented, the animal, being employed in most all coun- acid produced in the fermentation still keeptries for draught. In this Province he is ing possession and filling the vat. The used more particularly for drawing carts, burning of coal in a pan, or a common portand for other labor, by the farmers, about able furnace confined in a tight room, has their farms. This animal's flesh makes the frequently produced so much of this acid as to destroy life. It is always produced in THE COW.—The Cow may be placed such quantities in the burning of coal, as to at the head of all quadrupeds for usefulness be hurtful, if not dangerous, to be confined to man. There is no part of the cow but in a room where it is burning, unless the what is of some use. Her milk constitutes room has a chimney or some other ventilaone of the most important articles of food, tion to displace the bad air, and supply the

> The manufacturers of soda water form this bine it with water, in which soda has been dissolved, by a forcing pump. The pressure thus created by it is frequently so grea as to burst casks strongly hooped and barred.

Though this is the most common, it is the One acid is more common than any other. weakest among the acids; and hence when vinegar, oil of vitriol, (sulphuric acid,) or almost any other acid, is poured upon lime, pearlash, or saleratus, ashes, and many other substances containing this, it produces tionless, and uttered no cry. His shot air, it settles in low places, such as wells, an effervescence, by which it is discharged, having only broken the wing, he fastened caves, &c. It is also combined with some and gives place to the other and stronger an effervescence, by which it is discharged,

This very common thing, of which we This most common of acids is constantly are speaking, is composed of oxygen, which ly refusing all kinds of food. This was the forming by several processes of nature, and signifies acid maker, and carbon, which

Vinegar, next to carbonic acid, is the with only three individuals in the course of the process of respiration. It is also formed most common among the numerous acids, his journeys in the interior, and was the first wherever combustion is going on, such as and can be formed from any substance capato make them known in the colony, where the burning of the common fire, lamps, ble of being fermented. Wine, cider, molasses, the juice of the sugar cane, and the