sound or vibration procceding from the earth. The beaver has the power, when diving, to fold its ears backwad on its head; and the water-shrew, for the same purp ose, his hice distinct flaps, which clowe the orifice, $i$ a the same mamer that any diving or bunowing anmals are funished with haps to the nose, by Which they clase the entrance to all injurious bunties.
The hippopotamus, which remains for lengthened periots 6 - mea h the surface of the water, is also provided with a valve-like apparatur.-Llares sand nabbits, which squat close on the ground, and which might be more readly disencered where any projecting pomt of their bodes to be visible, fold their ears that bach ward. In all, this sense is remarkably keen; and with horses it is only exceeded by that of the smell; they hear sounds and are restless long before the rider can perceive an aumal or a human being in the distance.The cartier-horses in Switzeltand hear the fall of an avalauche. aud warn masters of danger by their te1ror, and ly refuring to advance, and even by turnin: in an uppesite direction. The acute sensiblity of this organ is. so:newhat of stucted by the bushy hais bairs which srow in the outer sheath; and bhe holsedealers sul tin in out from horses they have for sale, in order thit soum's, striking on the nerves with greater force, may, by exciting the animals, give them a more lively appeaanee. The fight of the bat, like that of the owl, is perfertly noiseless; and its car enually acute detects :he sinitest humming of an insect, at a distance of speral fet, and while it ratelen such as are in flush', it tuwhes none whech have settled or ate silent.-Ibud.

Hamts uf Inshcts-The assertion is altogether grom Itss that insects experience no sensations of pain, althoush tran-fixed with a pin, around which even a slyst.t deposit of verdigris col'eets, and left till they peristl from hunger; for, although 1 all all probability they do not suffer pain during the latter period, there in :oo doubt but they feel acuicly at the moment of the transfixion. It is only nece-sary to wateh the effect when a neadle is thrust through the back of an insect, and it will be obvious that it makes many powerful and convulsite movements, muicative of pain, and not of stuysule for escape. Butterlies, pierced with a common pin exhibt these symptoms, and the spasms are repeated if a heated pin be atten watds introduced. But stul, as said befure, nuech depends on the prrfection of the organization; and, besides, the formation of insects is so peculiar 10 thems:lves, that we have no parallel in any of the other classes. Some of the ammals in the elass Verines may be cut and dvaded ad infinitum, and each part will eventually become a petiect animal. Some insects without his reproductive power will bear dividing, and s:ill continue to live, and putorm most of the various functions with which they are entowed. The common dragoi-tly (Libellula raria) will live for days without its tead; and if, instead of the head, the abilomen be taken away, the animal seems to feel no mat rial injury.This insect is of a most voracious nature, and has been known to $f$ ed under the following extraordinary circumstances. A gentleman being engaged in collecting insects, caught a sprcimen of the coummen drayon-lly. which the fistened down in his collesting bux. with a large pm thrust though its thotax; when, to his astonishment, he observed the dragon-fly hold in its forceps a ily, which was still struggling for liberty. This it soon devoured, withnut exhibitung any signs of pain, seeming wholly unconscions of its own unpleasant sttaation, being still secured by the pin betore named to a piece of cork. When the fly was devoured the insect began to fluther, and made several attempts to regain its liberty. The genteman, greatly surmised at this incident, and willing to impoove the experiunent still further, caught anothrr fly, which he offered to it.

This was eagely seized by the raparious in sect and devoured will greedines; and when its meal was finished, it began to futter again as betire. It certainly is not deronaing fiom the benevolene es. consprenous in all the wohs of Providence, to concene it p:obable that it has. with mimte widom, withel. from some of the iower classes of anima's, th.nt deer of $s$ neation so abundantly dispensed to others filting the higher tanks of creation, as, trom the hab is uecessarily entaild upon them, hey are more lihely to encounteraccildents that tend to muthat . than otiiec individuals of higher powess of sensation,-luid.

Sagacity of the Donkey.-Tte ass is almays esteemed the stupidest of aummals, yet if one he shat up in the same enclosure with hall-a dozen horses of the finest blood, and the raty escape, 11 is 1 fallibly the poon donkey that has led the way. It is he alone that penetates the seeret of the bolt and hatch; and he may be often seen smuthmy oter a pire of work, to which . Il other at:mals ate incompeten'--Thomson's Pusiuns of Aninals.

## Reciples.

To Mine Cows.-A cow should be milked clean. Not a drop, if it can be aroided, should be left in the udder. It bas been proved that the hadf-pint that comes out last, has twelve times, I think it is, as much butter in it as the half-pint that comes out $j$ itst. The ndder would secm to be a sort of milk-pan in which the cream is uppermost, and, of conrse, comes out last, secing that the ontet is at he buttom. But besides this, if you do not milk clean, the cow will give less and less milk, and will become dry nuch sooner than she ought.-Cobssrr.
Things to be fousid out.-Nature is not exhanasted. Within her fertile bosom there may be thousands of substances yet unknown, as precious as the only recently found gutta perelia. 'To donbt this, would be to ecpudiate the most logical interence afforded by the whole history of the earth. Corn and the grape excepted, nearly all our stiples in vegetable food are of comparatively modern dheco:ery. Suciety had a long existence without te., collie, collon, cocoa, sugar :nd potatocs. Who shail say there is not a more nutritious plant than the sugar-cane, a finer root than the potato, a more useful tree than the cotton. Buried wealth lies cverywhere in the bowels of the earth, which needs but the true divining rod of organized action for its discovery.-A thesizu.u.

Economy in Casdes.-If you are withont a rushlight, and would burn a candle all night, unless you ase the following precaution it is ten to one an ordinary candle wiil gutter awiy in an hour or two, sometimes to the endangering the safety of the house. This may be avoided by placing as much common :alt, fincly powdered, as will reach from the tallow to the bottom of the black part of the wick of a party-burnt candes, when, if the same be lit, it will burn very slowly, yielding a sufficient light for a bedchamber; the salt will gradually sink as the tillow is consumed, the melt d tallow being drawn through the salt, and consunied in the wick.-Family Econwnist.
Tea Cakes.-Take, of white flour, two pounds; bi-carbonate of soda, quarter of an ounce ; sugar, trio ounces; butter, two ounces; sour buttermilk, twenty ounces, or one pint. Rub the soda, sugar, and butter well into the flour, and mix with the buttermils; roll out and make into cakes of any convenient size, and bake in a modezate oven trenty minutes.

