by it. Smaller beds lie off the Bahamas, and trumpet for the recall of their cattle. health of at least 250,000 able bodied men, in majesty's ship Scourge.-[N. Y. Herald. others are met with in the waters of the southern The alga have many uses important in com- the prime of life. And what is the result of hemisphere

that of mosses and the inferior plants on land; which are not propagated by the formation of chemists have not yet succeeded in extracting object of the struggle, been benefited by it? We fruit and seed, but by the throwing off of spores. this constituent from sea-water. Although some of the alga have root, stem, and leaves, their functions are found, on examina- was in its prime, certain Scottish proprietors been allayed—the yearnings of Italy for indetion, to differ from those of land plants.

few, and their wide diffusion is doubtless intended and mixed with the winter food of cattle. to furnish food for the animal life which swarms in every part of the ocean; turtles are greedy central rib of Alaria esculenta is eaten by the Pasha, so far that, as the telegraph reports, he devourers of alga. Vegetation so abundant inhabitants of the coasts, and Rhodymenia pal- has tendered his resignation to the Sultan; while serves to bring the constituents of sea-water into mota, the well known dulse or dillisk, is largely the correspondent of The London Times openly a condition to support the life of organized beings. consumed as an article of diet. At one time speaks of the intention of the Allies first to con-These weeds, too, fix carbon in their structure: it was the sole relish which the poor Irish could vulse the Turkish Empire by so-called reforms, cell after cell grows, oxygen is given off, and the get with their potatoes. The stem of Laminaria and then to establish a new Eastern Empire." great world of waters is thereby purified.

tant workings. He says: "Wherever an extensive of the great deep. surface of shallow water, whether fresh or salt, is exposed to the air, confervæ and allied alga multiply quickly. Every pool, every stagnant ditch, is soon filled with their green silken threads. upon the position, resources and army organiza-These threads cannot grow without emitting tion, with the following description of the army oxygen. If you examine such a pool on a sunny itself. It includes a great number of men: day, you may trace the beads of oxygen on the another as it dies out, as long as the pool remains. out depots, and 67,000 men, including depots. And when on the drying up of the land, the con- The artillery consists of 12 field regiments, ferva die, their bodies, which are scarcely more one coast regiment and one rocket regiment. 34 deg. south and 33 deg. north, connected with than membraneous skins filled with fluid, shrivel The Austrians have no horse-artillery. In what up, and are either carried away by the wind, or they call cavalry-artillery, the men serving the form a papery film over the exposed surface of guns are transported on the carriages. Every earthquake in Nova Scotia and the State of Maine, the ground. In neither case do they breed nox- field regiment has four cavalry-batteries (six- immediately after which the temperature rested ious airs by their decomposition.

tive benefit on the atmosphere; and at their reserve companies. Every battery has eight evening of the 9th. death they at least do no injury. The amount of guns. The coast regiment has no permanent benefit derived from each individual is indeed batteries, but is only divided into battalions and minute, but the aggregate is vast when we take companies, and employed for garrisoning the into account the many extensive surfaces of coast defences. The rocket-regiment has eighteen water dispersed over the world, which are thus batteries of eight tubes each. The total of Auskept pure, and made subservient to a healthy trian artillery is thus seen to be 1,056 guns and

state of the atmosphere."

the color of the alga in summer and winter, which 10,400 men, with technical detachments consisdoes not take place where a steady climate pre- ting of 4,500 men. The engineering troops vails. Naturalists have classed them as Chloros- number about 16,700 men. perms, Melanosperms, and Rhodosperms-green, Besides these active, reserve and garrison olive, and red. As a rule, the grass green are troops, Austria possesses separate corps organfound in the shallowest water. The clive colored ized for special service, who, although not availare mostly met with on shores, where they are able as active combatants, prevent a reduction exposed to the sun and air in the intervals of ebb of the active force by those drafts of men which and flow of the tide.

the low water line, and some few straggle beyond three sanitary battalions, train-troops, and with that line; but the red are most abundant in the every army-corps a detachment of cavalry to do deeper parts of the sea, being most intense in the duty as orderlies. The latter institution has just ity where I was in camp, in a northern wilder- ine my trees and every dead bough is lopped off. straw color, if exposed to full light in shallow formation of the Mounted Staff Corps. The pools. Some are dark purple; and they not only whole Austrian army counts altogether something lose their color, but lose: he power of secreting like 476.000 men and 1,140 guns of active troops; the dark substance with which they are dyed including depots, technical troops, staff, garrison dealy before night, and during the entire night when brought to the light.

Most of the alga reflect the prismatic colors, about 620,000. and it is to their presence in the water that the | The Austrian soldier serves eight years, remetallic lustre of the waves is often due. The maining for two years more in the reserve. By impossible to sleep. dark purple leaves of one species are tipped this arrangement a reserve is kept available, which, with other colors, and may be seen far down in in the case of war, can be called out to the strength connected with our meteoric wire appendages as these are apt to be very luxuriant in leaves the depths glittering like sapphires or emeralds.

colors; the diversity is astonishing. Some which frontier infantry can be increased up to 150,000 its crystaline powers by the lowest temperature nothing. Of course, all other well known preof Australia, resemble lace of exquisite pattern other.

microscopic; but as soon as the margin of the ness of which we can vouch, shows that the A correspondent of the London News, writing Esq., of San Bernardino, who arrived in town and lifeless as the dreary solitudes of Sahara. soldiers may be called out, without the necessity came opposed to the usual mode of proceeding, distribution, and species are found on one side of productive forces of the country. same time preventing provisions being sent to the those sandy wastes which never appear on the The Russian army is organised upon a footing castle. other.

those of trees, which on the shores of the Falkland Islands are often mistaken for driftwood. This species belongs properly to the polar latitudes, but the cold Pacific current carries many 800,000; while Russia, in order to attain the same posted through the town, to the effect "that if large Soda Lake from which no outlet could be specimens to the shores of Chili and Peru, where they grow not far from the equator. It includes the tangle, sea-colander, oar weed, and devil's apron. Mr. Harvey states, that on the northwest of America the Nereocystis grows with a "stem measuring 300 feet in length, which bears at its summit a huge air-vessel, 6 or 7 feet long, shaped like a great cask, and ending in a tuft of upwards of fifty forked leaves, each of which is from 30 to 40 feet in length." The use of this terminal appendage is to buoy up the gigantic sacks and of the army in Transcaucasia, to 111,- On the 13th September, at 8 o'clock a.m., tual resources, is in the least danger from infrond, so that it may be well surrounded with water, and receive a due provision of air. In in Turkey and in the Crimea; 16,156 died in the of the fort. A steady fire was kept up and re- cause he has fewer idle moments. The ruin the masses of this plant, the sea ofter finds a hospitals; 55,304 wounded; while 6,460 are put turned unflinchingly by the enemy. During the of most men dates from some vacant hour. Ocfavorite and profitable lurking place: The stems, down as deserters, prisoners and missing. Add- day, Capt. Bird (who was ever present directing cupation is the armor of the soul, and the train singularly enough, are not larger than whip-cord, ing to these numbers the 2,000 prisoners of Bom- the men) received a slight wound from a ball in of Idleness is borne up by all the vices. I reyet of such strength that the natives of the coast around, and the killed and wounded at Kola and the arm, but happily without any bad coase- member a satirical poem, in which the devil use them for fishing lines.

they were accustomed to correct their longitude syphon, and by the herdsmen of the coast as a present war has so far destroyed the life or the from Christianshorg, has been levelled by her

Marine vegetation resembles in some respects used for the manufacture of soda, it is from rope been established, or has even the integrity them our supplies of iodine must be derived, as and independence of Turkey, the acknowledged

made \$50,000 a year by the sea weed thrown pendence have been kept down-and Turkey Alga constitute by far the largest proportion of upon their shores. In north of Scotland, and in put in the most miserable dependency upon the sea weeds, those which are not alga being very Norway and Sweden, alga are still chopped up English, French and Austrian Ambassadors at

digitata has been used to make knife-handles: The process, as described by Dr. Harvey, is an when dry and shrunken, it resembles buck's interesting illustration of one of nature's impor- korn. Such are some of the vegetable curiosities

Austrian Army.

The heavy cavalry counts six active squadrons submerged threads, or see the gas collect in and one depot squadron to each regiment-the bubbles where the threads present a dense mass. squadron numbering 194 men. The light cavalry It is continually passing off into the air while the counts eight active and one depot squadron to conferva vegetate, and this vegetation usually each regiment, with 227 men to each squadron. continous vigorous - one species succeeding The entire active cavalry force is 62,500, with-

pounde;,) and seven foot-batteries (four six- in equilibria at 24 degrees for eight consecutive All their life long, they have conferred a posi- pounders and three twelve-pounders), beside hours, and was followed by aurora borealis the 144 rocket tubes. The artillery has besides, In the temperate zones there is a difference in eight battalions of garrison artillery, of about

very often reduce battalions to companies, and the days mentioned. They generally form dense forest like belts at regiments of cavalry to squadrons. There are and police troops (gens d'armes), they count the wilderness was vocal with the cracking of the

of about 120,000 men. In the military frontier deposited a large crystaline mass on the lower and destitute of fruit. You may think this in-The forms of the fronds (long palm-shaped every Grenzer has to serve from his twentieth to surface. This saline fluid is the same kind that jures the trees, but it does not; for you will find leaves) too, are not less beautiful than their his fiftieth year. Thus the active force of 55,000 we sent to the Arctic zone, by Dr. Kane, to test trees laden with fruit which formerly yielded grow in the Gulf of Mexico, and on the coast or 200,000 men. During the year of 1849 there he may meet with in the Arctic circle.-[N. Y. were at least 150,000 of them under arms. But Herald. and texture, the effect being produced by myr- at that time the military frontier was so deserted iads of minute leaflets growing one into the that the women had to do all the work of hus-

In the polar regions, alga are minute and The sum total of these details, for the correctice is passed, the focus begins to appear where- military organization of Austria allows her to from Christiansborg on Dec. 29th, says:-Hereever there are rocks which favor its growth. take the field, at once, with a force of 600,000 tofore all disputes occurring amongst the natives It does not grow on sand, and, in consequence, men, of whom 300,000, at the utmost, may be of that part of her majesty's settlements (the the sea furnishes a parallel to the land, for be- made available on any given point; and, at the Gold Coast) were arranged by the commandant, neath its waters there are vast deserts as bare same time, a reserve of about 200,000 veteran Captain Bird, at the Castle; but of late they be-Their extent makes them an effectual barrier to of any extra recruiting, or extra strain upon the and refused to submit to the British flag, at the

One species of the alga have stems as large as ted into its frame-work. The population of lency Lieut. Colonel S. J. Hill, governor and Mohave, whither he went for the purpose of denumber, has been obliged not only to call in the they did not refrain from their rebellious practices, discovered. The Lake is about fifteen miles bereserves, but also to recruit fresh troops at a the town would be burned." The proclamation low the point where the road to Salt Lake City ratio equal to four years' regular conscription.

War and the Results.

Feb. 2d, writes:

of 1854 are now officially published. They in self defence, the following measures were had ment to say that, other things being equal, the amount in the active army, exclusively of Cos- recourse to: 132 men, of whom 29,204 are reported as killed firing commenced on the town from the batteries ferior temptations; if for no other reason, be-Petropavlovsk, we get the enormous total of one quences. One corporal and three privates were is represented as fishing for men, and adapting The Macrocystis, another variety, grows to a hundred and eleven thousand and odd men sac- shot dead, and twenty-four privates dangerously his baits to the taste and temperament of his length of 700 feet-some accounts say 1.500- rificed in one year. The total of the Turkish wounded. The firing was kept up for several prey; but the Idler, he said, pleased him most, which we may certainly regard as the tallest of and Anglo-French victims cannot be smaller, if days at intervals; finally, the rebels completely because he bit at the naked hook. - George S. the vegetable kingdom; another resembles the we remember that the English alone have lost vacated the town, which is now a perfect ruin, Hillard. palm in the form and appearance of its fronds; above 30,000 men, mostly by disease, and adding every house having been destroyed by fire. and the large trumpet-weed of the Cape of Good to these figures the victims of Oltenitza and Sin- The rebels, about 3,000, are at present en-Hope has a stem 20 feet long, the upper part of ope in 1853, and the losses of Shamyl and of the camped in the neighborhood of Christiansborg. makers in England, as reported by the last Engwhich is kollow, and is frequently used as a Russians in Asia, we may safely say that the The town of Tessea, situate about five miles lish census.

merce and medicine, and although no longer these awful sacrifices? Has the freedom of Eusee just the contrary. Austria has been strength-Some years go, when the kelp manufacture ened-the opposition of Sardinia against her has Constantinople, who have now succeeded at dis-In the former country, and in Ireland, the gusting the only good Turkish General, Omer

The Cold Term.

The present cold term commenced on the 29th day of January ult., between 4 and 5 p.m. of that day, the temperature fell from 34 degrees to 31 degrees, and has since continued below the The New York Tribune closes a long editorial freezing point of Fahrenheit; and should it hold on till 5 p.m. of Tuesday 13th, will have traversed the whole circumference of the great circle of three hundred and sixty hours, or fifteen of our days.

> The minimum temperature was reached between 7 and 10 p. m. of Tuesday, 6th, at 6 degrees below zero north and 4 degrees below zero south, in which the cold rested in equilibria ten consesutive hours, both north and south.

> There was a perturbation on the 2d, during which the temperature, for a few minutes, rose to an earthquake in Virginia. Another rise of temperature occurred on the 8th connec'ed with the

> This cold term is denominated by many the coldest for very many years. My memoranda says otherwise:-

1810.—January 19 - - - At zero. 1817.—February 14 - - - 4 deg. below zero. Mooralis Malage al 5 com 75 5- 6 deg. 1821.—January 24 - - - 5 deg. " 25 - - - 7 deg. 1836.—February 5 - - - 1 deg.

None of these temperatures were observed in such early morning hours as these we have re- rightly understood, few trees, unless absolutely

The 19th of January, 1810, was the cold Friday, and although the temperature in New York only reached the zero line, yet it was at the localthe 18th, the day previous, some rain fell in many places, after which the temperature changed sudmusketry, and to such an extent that it was

West Coast of Africa.

PARTICULARS OF THE BOMBARDMENT OF CHRIS-TIANSBORG BY THE BRITISH.

which allows of far greater numbers being admit- At last, the commandant reported to his excel-Brownell, who, with an escort, was returning the Colorado between which and the Lake pre-The London correspondent of the Tribune, severely wounded with stones, and with difficulty an, April 23. reached the castle. The castle was completely "The losses of the Russians in the campaign blockaded, and all supplies cut off; consequently. DANGER OF IDLENESS .- It is no over-state-

JOHN BROWN.

I've a crown I can spend, I've a wife and a friend, And a troop of little children at my knee, John Brown; I've a cottage of my own, With the ivy overgrown,

And a garden with the view of the sea, John Brown; I can sit at my door, By my shady sycamore,

Large of heart, though of very small estate, John Brown; So come and drain a glass In my arbor as you pass, Brown And I'll tell you what I love, and what I hate, John

I love the song of birds, transmos a boos And the children's early words, [Brown; And a loving woman's voice, low and sweet, John And I hate a false pretence, more and a

And the want of common sense, And arrogance, and fawning, and deceit, John Brown; I love the meadow flowers,

And the briar in the bowers, And I love an open face without gile, John Brown; And I hate a selfish knave,

And a proud contented slave, [Brown; And a lout who'd rather borrow than he'd toil, John

I love a simple song That awakes emotions strong, Brown; And the word of hope that raises him who faints, John

Of the foolish who repine, And turn their good to evil by complaints, John Brown; But ever when I hate, and all was

And I hate the constant whine

If I seek my garden-gate, [Brown; And survey the world around me and above, John The hatred flies my mind,

And I sigh for human kind, [Brown; And excuse the faults of those I cannot love, John

So if you like my ways, And the comfort of my days, I can tell you how I live so unvexed, John Brown;

I never scorn my health, that lost on had Nor sell my soul for wealth, Brown; Nor destroy one day the pleasure of the next, John Pve parted with my pride,

And I take the sunny side, action to For I've found it worse than folly to be sad, John Brown; I keep a conscience clear,

I've a hundred pounds a year, And I manage to exist, and to be glad, John Brown.

HOW TO RAISE FRUIT EVERY YEAR -If corded the present month, and, therefore, must dead or rotton, need occupy ground without not be considered as the lowest temperatures of yielding a plenteous crop. After a long and varied series of experiments, I gradually adopted the following mode:

'As soon as the winter has sufficiently disappeared, and before the sap ascends, I examdeepest water, and become pale, from carmine to been introduced into the English army, by the ness, with six feet of snow on the ground, the Then, after the sap has risen sufficiently to coldest weather I ever experienced. Thursday, show where the blossoms will be, I cut away all the brances having none on and also the extremity of every limb, the lower part of which bears a considerable number of buds, thus contrees by the frost, making reports like volleys of centrating the sap of the tree upon the maturition of its fruit, and saving what would be a useless expenditure of strength. In the quince, During the present cold term, the saline cisterns apricot, and peach trees, this is very important, cautions must be attended to; such as cutting out worms from the roots, placing old iron on the limbs, which acts as a tonic to the sap, &c.

Try it, ye who have failed in raising fruit -Farmer and Mechanic.

SAN BERNARDINO .- From R. R. Hopkins, from that place yesterday, we obtain a few items of news which we lay before our readers.

The weather had been and continued to be very fine, and the most flattering anticipations are entertained of a fruitful season, large additions have been made to their fields for cultiva-

Lieut. Parks of the Topographical Engineers returned a few days since from his trip to the Russia is 60,000,000 to Austria's 40,000,000; yet, commander-in-chief of her majesty's settlements termining whether that river emptied itself into we have seen that Austria, by merely calling in on the Gold Coast, who, after the greatest for- the Colorado. He followed it down until it pasthe reserves, can increase her army beyond bearance, caused a proclamation to be issued and sed through a kauyon and spread itself into a was treated with the utmost contempt, and Lieut. crosses the Mohave and some twenty miles from from Jamestown with provisions for the fort, was cipitous hills intervened .- [Southern Californi-

man who has the greatest amount of intellec-

There are 264,091 milliners and dress-