suggestion does not answer the question: mer's land—they cannot be rooted out, and why, or by what cause, the sea became so tall; but it assumes to tell us wherefore or for what object the sea is salt. The cause of the raitness should be answered first, and if, after we have ascertained this, it is proved that the salting accomplishes a secondary ultimate purpose, the other secondary ultimate purpose, the other question arise. But we believe that a careful consideration of the Professor's hypothesis will quickly expose its fallacy.
In the first place, then, the son is salt as

a simple and necessary consequence of the fact that it must contain all the soluble matter which the rains have washed out of the most exposed portions of the earth's crust, and which the rivers have carried, and are still carrying, to the ocean. And as the rivers do not carry water as pure as that which evaporates from the sea, because they all, without any exception, carry various salts in solution, which can never be raised from the ocean by evaporation, the sea has, in the course of ages, become more and more salt; and the precess is still going on. Such a nice regulation of the crust, and which the rivers have carried, and more salt; and the precess is still plished no revolution on. Such a nice regulation of the thriving popes. amount of evaporation as the Professor. Oh, no—the v suggests is quite unnecessary, as it is well known that the regions under the influence of the evaporation of our large fresh water lakes are not much different in agricultural value or canitary conditions from those under the influence of salt water evaporation, the sole conditions for agricultural success being, next to the nature of the soil, a liberal supply of moisture and solar heat; while in a sanitary point of view, a moderate supply of both is more desirwe must, however, give credit to Pro-

water under the same circumstances, may differ largely; so that the evaporation becomes less and less, in proportion as the relative amount of salt increases. But we would give this fact an interpretation different from that of the Professor. In the condition of 'things preceding the carboniferous era, when the rivers had not yet dissolved so much saline matter aut of the exposed earth's surface, nor the rivers carried it to the seas, the ocean necessarily contained much less salt than at present; therefore the amount of evaporation must have been much larger. This condition of things was not favorable to animal existence, but it was to vegetable life; and this may partly explain the ex-cessive luxuriant vegetable growth which was the parent of our coal deposits. When in the course of ages the ocean became more salt, the evaporation became less; the air was not so continually overcharged with moisture, and was more favourable to animal life. If the saltness has since in-ereased continually, and the dryness of the air has augmented in proportion, we must not be surprised that regions of the earth, once fertile and inhabitable, have become dry deserts. We know this to be the case with the lands on which Babylon, and Palmyra, and other cities, were situated, which, as well as the whole of Upper Egypt, Palestins, etc., were formerly more fertile than they now are, considering the dryness of their atmosphere. In order to become convinced of the influence of moisture on vegetation, one needs only to visit the dry highlands of New Mexico and Colerado, and compare the vegetation there with the moist southern part of Louisians. If we take the former in sum-mer, and the latter in winter, so as to have the same temperature in both, the difference will be obvious and remarkable.

Pernicious Sayings.

There are some common sayings that are so plainly conceived in sin, that one cannot help wondering how they ever came to pass into adages. Still they are heard to pass into adages. Still they are heard from the lips of men making high profes-sions of morality and even of religion, and are handed down from generation to generation as precious heirlooms of lan-

difference a hundred years hence," applied to some error that might have been avoided, some sin that need never have been cornmitted, or some word uttered that had better have been left unspoken. Now, if we stop and think, there is no simplest act but that will make a difference a hundred years hence, and perhaps a great difference. The cackling of a flock of geore is a very simple thing, but it saved Rome, and had its influence upon succeeding years of a its influence upon succeeding years of a nation's existence. The impulse of one conspirator to save a friend saved the Gunpowder Plot from destroying a whole par-liament, and perhaps changed the whole future of English history. A burnt finger may delay a journey that would have cost a life and turned the path of whole generarations. It is an insult to the good God, who does not let a sparrow fall without his cognizance, to say that any act, how-ever simple, may not have its influence on

There is another saying couching the gowing of wild oats, that is, perhaps, the worst of the lot. It has driven many a lad to destruction, furnishing him with an easily-spoken excuse for youthful follies and youthful sins sure to bring misery in their wake. That Ohristian statesmen and author, Thomas Hughes, has spoken most elequently against the use of this saying.
"In all the range of accepted British maxima," he exclaims, "there is none, take it for all in all, more thoroughly abominable than this one as to the second than this one as to the sowing of wild oats.

Why is the Sea salt?

According to Professor Chapman, of University College, Toronto, the object of the salting of sea water is to regulate evaporation (see page 98, current volume). This witch grass and the white-weed in the far-more than the progressity does not array the constitution that the progressity does not array are the constitution. his hand.

There is another saying that we hear

now, that seems to me strikingly untrue in view of the lessons taught us by the world's bistory: "Vox popul", vox De?"—"The voice of the people is the voice of God."
We swamp all true progress by such a saying. Was it the voice of the people that called first for the Reformation? No, it

Oh, no—the voice of the people is not always the voice of God—or Lot would have stayed in Sodom, and Lot's wife would not have been transformed into a pillar of

salt.

Was the voice of the people the voice of God when the people cried out "Crucify him! Crucify him! and shouted in derision as he climbed Calvary with his burden of the cross? No, this Vox popula, vox Dei is a stumbling-block to progress—for through man's proneness to error it is often the cry of sin and oppression, of persecution and shame. tion and shame.

fessor Chapman for his experiments; he proved that the amount of evaporation of fresh water, compared with that of salt water under the same circumstances, may may injure our fellow-men and displease Let us be careful with these and other

The Social Science Congress.

The evils of society and the remedy or remedies for them are approached in a great variety of ways, and with a large number of different specifics. A vast quantity of clever talking is often expended upon the subject, and if that would either probe the evils or cure them, the thing would, most assuredly, soon be done. The Church Congress in Plymouth was still discussing the different phases of unbelief, the effect of its principles on society, and the paramount importance of education, temperance, home mission work, and similar questions when the Social Science Congress assembled in Liverpool, in order to discuss educational and sanitary matters, from a somewhat lower stand-point.

It is twenty years since the first of these Congresses was held under the presidency of the late Lord Brougham; and the object then made most prominent is that still professedly sought. This object is to ameliorate and improve the social condition of the community by the advancement of education, the diminution of crime, the reform of jurisprudence, the better regulation of trade, and the enforcement of wiser sanitary laws. In keeping with these objects the papers read and the discussions which followed chiefly related to questions which bear upon the health, the education, the morality, and the comfort of the people—subjects these, which although not calculated to create a large amount of excitement or enthusiasm, yet such as are eminently calculated to produce considerable benefit to mankind. And doubtless if the practical suggestions which are made were also carried out, an improved condition of things would be witnessed in the world generally. It is not every paper that is read or every subject introduced, which can secure the guage.

One of the most common of these and one of the wickedest is: "It will make no difference a hundred years hence," applied would appear that at the last Congress would appear that at the last Congress is not every paper that is read or every won the favor of the popular party. He continued to be the Pope's political adviser; although when the Romans despecially there was a practical common sired to join the King of Sardinia against especially there was a practical common sense air about the whole proceedings, and a subdued samestness of spirit which is vastly riore important than any speculative theories however brilliant, or any exciting debates, however skilfully conducted. The Marquis of Huntly in his opening address descanted upon the subject of education, in which he urged the importance of a better classification of scholars, insisted on a better provision for both elementary and higher class schools, and for a more efficient training of the teachers themselves. Dr. Pattison of Oxford brought up the same subject again in a comprehensive paper, in which he reviewed the state of education. Another paper was introduced as the best mode of training teachers. This appears to have been one of the most valuable papers read. Many excellent ideas were expressed in each discussion, and the practical result gained appears to indicate that although much has been done to improve the education of the people, yet there is abundant need

systematic kind. One of the subjects introduced this year was the department of Art, an adthan this one as to the sowing of wild oats.

Look at it on what side you will, and I will defy you to make anything but a devil's maxim of it. What a man—be he young, old, or middle-aged—sows, that, and nothing else, shall he reap."

Was there ever anything truer? We see heys sowing wild oats every day—and we see them as men reaping the erop they have sown. These wild oats bear bitter grain. Sometimes their fruitage is disconting of a parent's tender love, and its benefits the disconting of a parent's tender love, and its conting of a parent's tender love, and its conting of a parent's tender love, and its continged to the work as the disconting of a parent's tender love, and its continged to the work as the disconting of a parent's tender love, and its continged to the work as the disconting of a parent's tender love, and its continged to the work as the disconting of a parent's tender love, and its continged to the work as the disconting of a parent's tender love, and its continged to the work as the disconting of a parent's tender love, and its continged to the work and the tender love, and its continged to the tender love to foreign powers for assistance.

An interval of nearly ten years' peace was succeeded in 1859 by the insurrection of the Romagna country. In 1860, he issued warrants of excommunication against all the opposers of the Pope's temporal power. After the evacuation of Rome by the French, he protested against the formal entry into Rome by Victor Emmanuel, but without effect. In fact his public life was a constant at the discontingent and the reap." dress being delivered by Mr. Poynter,

of greater effort and that of a more

might become imbued with many of the Cayour to Cotelini. He was not outlife would tend to the improvement of by him. art by giving it a commercial value. In England especially, much training and education are required to the purpose, charity towards those who differ from us while in France and Germany, the art of design seems to be very extensively including seems to be very extensively in the coloring is in Spain and Italy. coloring is in Spain and Italy.

Le health. He discussed the dangers arising from an increasing population depending upon foreign supplies of food. In England one third of the articles of subsistence are imported, and they say they shall soon have to look about for two-thirds of it. In reference to this, we would recommend the bonds between the Colonies and the mother country to be drawn much closer than they are at present, even to the extent of confederation in some shape or other, and then it will be many a year before the population will overtake the supplies which could be furnished by the whole empire. The late Sir William Denison thought the whole earth would be over-peopled in little more than a century, founding his conclusions on arguments similar to those of Malthus and Miss Martineau. The process however allows nothing for social perturbation, and to it may be applied the aphorism that, There are no figures so fallacious as arithmetical figures. Mr. Hawksley contends that sanitary reform has not increased, nor is likely to increase, the extreme duration of life. He thinks the waste of life is to be sought, not in the water pipes and sewers, but chiefly in the homes and habits of the industrial classes.

In addition to the improvement of health and education, a prominent place is due to papers on the repression of crime, on the reform of law, and on the relations of trade. In all these it was attempted to be shown that crime might be repressed, not by severe penal enactments, but by more gentle moral suasion; that temperance would diminish both disease and crime; and that a better understanding between the different classes of society would ensure more permanent harmony and prosperity. The Congress did not propound any new theory, or add much to the information on the old familiar themes. But it enforced afresh these subjects on the public attention. The main civilizing and humanizing influence of all, Christianity, did not come within the range of subjects belonging to the Congress; but the treatment its various sections received, being of a decidedly practical character, will doubtless be productive of considerable benefit .- Dominion Churchman.

Cardinal Antonelli-The Cardinal Giacomo Antonelli, whose death on the 6th inst., we announced last week, was member of an Italian family of the middle class, and was born at Sonnino, April 2, 1806. Having been educated in Rome for the Church, and distinguished himself for his ability, he entered Holy orders; and after holding several posts under Gregory XVI., among which was that of Minister of Finance, he was, June 11, 1847, raised to the dignity of Cardinal Deacon by Pope Pius IX., under the title of St. Agatha. In 1848 he became Prime Minister, in which position he at first the Austrians, the Pope hesitated, and Antonelli's ministry resigned, the opponents of mnovation compelling him to make way for Mamiani; but after the assassination of Mamiani's successor, Rossi, Antonelli urged Pius to leave Rome and join him at Gaeta in November, 1848, where he conducted the negotiations which resulted in the Pope's return to his capital in April, 1850, under the protection of a French Army of occupation. In that year he drew up and countersigned the famous bull for establishing a Roman Catholic hierarchy in England. From that time till his death he held the uninterrupted confidence of the Pope, and was the moving spirit in every diplomatic or spiritual act of the Papal court. His policy became so retrogressive, that it exasperated the liberals, and even led to remonstrances from foreign powers. He was unusually skilful in the arts of manævring, and in virtue thereof was able to maintain his position in spite of his colleagues, some of whom opposed his absolute policy. His protests however against the progress of events in Italy were without avail, as was his appeal to foreign powers for assistance.

principles of art. But the workman manavered nor over-matched in diplomust make something for which there is matic skill, but had to accoumb to physical a demand; and therefore the diffusion force. He unquestionably had great inof a better standard of taste in connec- fluence over the mind of the Pope, and tion with the ordinary requirements of his death will doubtless be exercly felt

No lesson is so hard to learn as that of coloring is in Spain and Italy.

Increasing population received attention from Mr. Hawksley's address in connection with the department of publicor a lie, or that he is willfully lighting against the plainest truth. We do not stop to reflect that he has probably given stop to reflect that he has probably given the subject as deep thought as we, that his prayers have been as fervent, and that, whatever may be our qualifications for ar-riving at good judgments, his may be bet-ter. Much debate, and nearly all the acrimony of all debate, and nearly all the inconsiderateness of those who forget to think it is impossible for them to be in the wrong .- United Presbyterian.

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