The

Architectural Record.

To build up "a pile of better thoughts."—WORDSWORTH. "And the worst is that all the thinking in the world doesn't bring us to Thought; we must be right by nature, so that good-thoughts may come before us like free children of God, and cry "Here we are."—GOETHE.

OCTOBER-DECEMBER, 1892.

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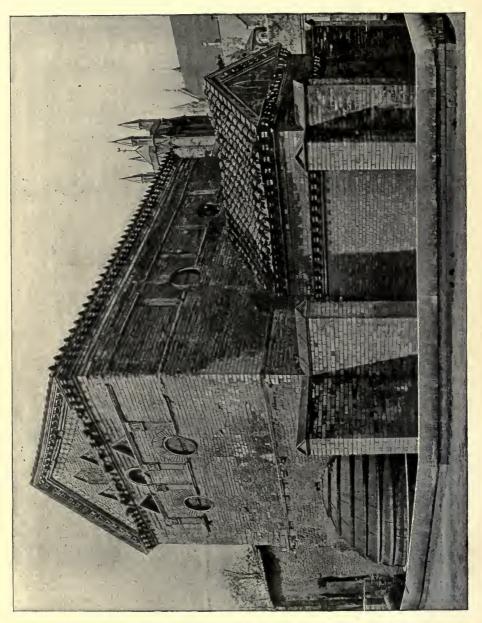
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OCTOBER-DECEMBER, 1892.

No. 2.

FRENCH CATHEDRALS.

PART I.

INTRODUCTORY.





ers at the commercial dining tables of the cities. The only

were a lady and gentleman busily only Paris. Other churches, as great engaged in discussing the wondrous monuments of art, with histories scarce-cathedral, oblivious of the fact that ly less momentous, are ignored altoone was present who understood what they were saying. Presently, some new comers came in, speaking in Europe in search of the rare and the that tongue too little heard in French beautiful. towns - English. cathedral Their compatriots looked at them in amazement. "Fancy," exclaimed the gentleman, "they speak English."

The surprise so frankly expressed is the same that every visitor to the great Rouen, Séez, Bayeux, Amiens, Beauvais, churches of France experiences when are names as familiar as Canterbury, he realizes the amazing beauty and ex- Lincoln, York, Ely, Peterborough, quisite art in these too much neglected Durham, Winchester, Salisbury, Wells, buildings. Americans and English alike Gloucester, Worcester, Lichfield, Norare to a certain extent permeated with wich, Rochester, Oxford, Westminster the idea that there is no architecture Abbey. But apart from those who take out of England as good as that within a studious interest in the subject the it. The average tourist from either great achievements of French cathedral

was at the table country is consumed with amazement d'hôte at Char- when it is intimated there are finer and tres. There was grander cathedrals in France than in the usual com- England, and the person bold enough pany that gath- to make such a statement runs the risk of being looked upon as most singularly misinformed indeed.

Notre Dame alone, of the great smaller French churches of France, enjoys a worldwide celebrity and is seen of all men, English speaking guests besides myself but only because it is in the one and gether by the vast army of sightseers who yearly precipitate themselves upon Students of architecture need not be told of the beauties of French cathedrals. Notre Dame, Laon, Soissons, Reims, Chartres, Senlis, Sens, Bourges, Tours, Troyes, Noyon, Le Mans, Angoulême, Angers, Coutances,

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EGLISE SAINT-ETIENNE, BEAUVAIS.

architecture are a sealed book even to the most indefatigable of European travelers.

Within the boundaries of modern France, no less than one hundred and ferent civilizations. The motives that fifty cities have been the seats of bishops, each of whom had his cathedral. But there are not now as many cathe- forms were different, though similar. drals in France. Fourteen sees were And so foreign cathedrals need not be united, forming now but seven. number of others date from modern subject the cathedrals of France. Fortimes, and have cathedrals of little eign parts borrowed very-much more architectural interest. The four bish- from France than they returned to it. oprics of Savoy have but lately come Gothic architecture reached its highest under French jurisdiction, and may, point of perfection in the Ile de France, therefore, be omitted from the list of actual French churches. But even architectural centre, a school of art and these reductions leave a very large a storehouse of knowledge of building number of cathedrals, though unfortu- and building craft scarce surpassed in nately they are not all of the same the history of civilization. The Gothic interest. Perhaps a score of these churches of England and of Germany churches are known to general readers; are more illuminated by the study of by far the larger part are strange French cathedrals than the French names of strange places, sometimes churches benefited by a comparison within easy reach of Paris, sometimes with them. beyond the reach of railroads. It goes without saying, there is ample material cathedrals it is necessary to go back a for exploration and adventure here, and bit to the time prior to the cathedral in fact it has only been within a very building age. The cathedral is simply few years that the River Saône has the bishop's church, and though usage been explored from the Rhône to its has to a certain extent limited it to the source, by a company of English and mediæval and modern building, the American travelers. It is a significant basilica was frequently as entirely a commentary on the propensities of the cathedral as the later edifice. average tourist that hundreds of thou- ever may have been the primitive form sands of people traverse Europe each of the cathedral, the transition from year, are thorougly satisfied they have the early basilica to the cathedral is seen everything worth seeing, left unex- well marked and readily traced. The plored no nook, left hidden no treasure, Christian church apparently passed from left unvisited no single point of inter- the private room in the private house est, and are wearied with the "beaten to the private basilica attached to many tracks" of foreign travel, while whole Roman houses for oratorical purposes, rivers are unknown and three-fourths and which was sufficiently developed to of the cathedrals of a thoroughly serve as the germ of subsequent strucaccessible and most delightful country tures. The early Roman basilica bore never so much as glanced at. Fortu- little resemblance to the Gothic cathenately there are indications that this dral in appearance or in construction, state of affairs is passing away; it can- but in plan the cathedral is simply an not go too quickly, nor should the extension and modification of its predegreat beauties of the French cathe- cessor. The basilican plan was a T, drals longer remain unknown to the that of the cathedral a cross. In the

II.

son between the cathedrals of France which was utilized for the seats of the

Vol.II.-2.-2.

and the cathedrals of England. The English churches are of England English, those of France French. Of two different people they represent two difinspired the one were not the motives that inspired the other. Architectural A considered in a study which has for its which, in the thirteenth century, was an

To understand the architecture of the Whatreading or traveling public of America. basilica the apse was applied immediately behind the transepts, which were short or absent altogether. The altar stood under a canopy on the chord of It is unnecessary to draw a compari- the apse, the semi-circular recess of

bishop and higher clergy. Before the phase of it, the ideas which brought it apse, stretching into the nave, was the into existence must be thoroughly comchoir, bounded by low walls, with an prehended. The Christian principles ambon or reading desk on either side, and ceremonies practised by the The altar, the choir, the seats for the Church were the chief motives in deterclergy, the reading desks or pulpits mining the form and disposition of the comprised the essential internal parts basilica. In reality, however, it was of the church.

Admirably suited as the basilicas of Christianity in architecture. were to the ritual of the early church, accomplishment of this task was rethey were most uninteresting architect- served for the builders of the mediæval urally. The low exteriors, devoid of cathedrals, and enormous as are the decorative features, inclosed a nave structural differences and two aisles, though double aisles basilicas and the cathedrals, their difwere included in some of the larger ference in expressing the relative debuildings. Rows of columns supported velopment of Christianity is not the clearstory of the nave, which was less marked. The low and mean exlighted by plain windows. Mosaic was teriors of the early Christian churches, the chief decorative art employed; it which the small tower scarcely made was lavishly used and formed a won- conspicuous, were thoroughly typical derfully effective and brilliant decora- of the incipient stages of Christianity. tion. A single tower, round, and of If the Church realized its power over which the churches at Ravenna pre- men it was not yet ready to express it serve the best type, formed the only in its buildings. In the cathedral no conspicuous external feature. church was prefaced by a large court the largest building in the city; its or atrium, and by a porch; sometimes the massive walls, ornamented with two, atrium was omitted altogether, occa- four, six, seven or nine towers-if we sionally the porch or narthex was in- take the original intentions of the ternal instead of external.

or, in truth, any group of cathedrals, it building. The transepts were strongly is well to keep in mind the primitive marked and were provided with fronts type of the Christian church, since the scarcely less majestic and imposing later forms are but the amplification of than the great western front itself. the earlier, and the reasons which un- The choir was now wholly beyond the derly the construction of the primitive transepts in an arm of its own, making edifice illustrate and explain the rea- the plan markedly cruciform; in place sons which produced the development of the shallow apse there was a circlet of of the more complex. In studying any chapels forming an unparalleled archiphase of Christian architecture it is ab- tectural perspective, and sometimes solutely necessary to remember the covering, with the choir, as in the Christian ideas underlying them. They cathedral of Le Mans, a greater area were built for Christian purposes, con- than was occupied by the nave. secrated to Christian usages. Christian ritual suggested certain architectural essential parts was still adhered to, but ideas; Christian customs necessitated a multitude of decorative arts now certain parts. It is true enough that took the place of the mosaic of the the cathedrals are splendid studies in basilica. Carving, painting on glass, architectural art and evolution, but it wall painting, rich work in metals and is also true-though very generally in precious stones and enamels and overlooked in architectural text-books elaborate tapestries, every art of an examples of Christian thought and vice of religion, and helped to illustrate ideas.

lows that, in order to understand any which tales of Christian heroism and

far from expressing the ulterior ideal The between the The such hesitancy is exhibited. It was builders indicated in the ground plans In studying the French cathedrals --rose high above every surrounding

Within, the primitive programme of the truths of Christianity. The sculp-Architecture being an idea, it fol- tures and glass paintings especially, in doctrinal parables were set forth in a speedily surpassed the cathedrals in pictorial language all could under- architectural grandeur. As far back as stand, helped to make the cathedral the time of Charlemagne and his immethe most Christian of Christian edifices. diate successors the monastic establish-Christianity had long since passed the ments in France had been very numerexperimental stage; the civilization of ous and some of the most famous Europe was Christian in a more houses had their origin at this period. thorough way than it had been Roman. In the eleventh century monastic fervor The missionary enterprise and pious took a fresh lease of life. Mont S. fervor of the monks had carried both a common religion and a common architecture to all parts of Europe.

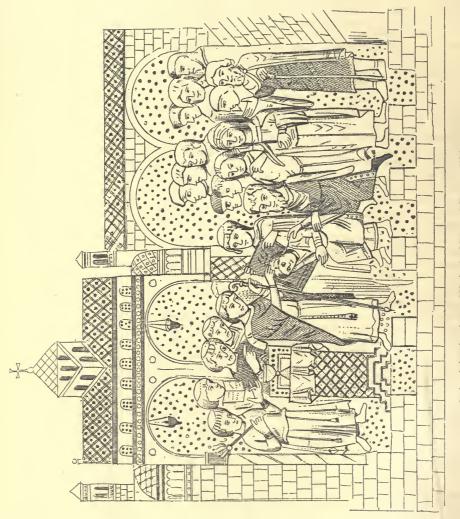
III.

Few chapters of architectural history are as fascinating as that relating to the monks. In modern times it is the house of the Cistercians, was founded fashion to look upon the monks as the in 1098. From this institution came an most unprogressive product of civilization; the art work they produced is a sufficient commentary upon such criticism. The monks and the lay builders, the latter an outgrowth of the former, did, between them, the bulk of the thoroughly manifested than in archibuilding of the Middle Ages. This con- tecture. Seven hundred and two new densation, as it were, of the building interests, hastened the growth of one in the twelfth century; in the thirteenth style of architecture, which was further but two hundred and eighty-seven were strengthened by the constant movements of the master builders and workmen from one point to another, thus serving either the style or the form of widely distributing the knowledge of a the basilicas, are the connecting link single form of work. Gothic architecture did not fail to assume national France the preliminary problems of the character in different countries, but its Romanesque were largely worked out modifications were variations on one in them, and they thus paved the way model, not the evolution of distinct for the Gothic, the art par excellence of types.

types of monastic buildings than are constructional progress. the French. The typical English cathe- tectural problems are so complicated dral was a monastic church; the typi- or so interesting as the transformation cal French cathedral was a secular of the basilica into the Romanesque church, a monument built by the secu- church, and then the birth of the lar clergy as an offset to the immense Gothic. Yet there is no more delusive popularity of the monks among the study than the ascertaining of the people, a popularity too well illustrated actual beginnings of the Gothic style. for them in the magnificent churches That it originated in the Ile de France and monasteries thickly scattered over does not admit of doubt, but as it is Europe. For although cathedrals never known in its most developed form it lost their importance ecclesiastically as did not originate at any one spot. seats of bishops, the rise of the monks Gothic characteristics abound in many was so rapid, especially the Cistercians French buildings which cannot in any in the eleventh century, who came into sense be called Gothic, and the most existence about the time of the revival that our present knowledge permits is of building, that the abbey churches the determination of some one edifice

Michel, S. Georges at Boscherville, S. Étienne at Caen, S. Benoît-sur-Loire renewed their youth or came into existence. The abbey of Cluny was founded in 909. The great church, however, was not begun until 1089 and its narthex not finished until 1220. The abbey of Cîteaux, the mother immense number of monasteries. New orders sprang into existence, and the eleventh and twelfth centuries were especially characterized by the activity of the monks which in no way was more monasteries were established in France added to the number already existing.

The monastic churches, without prebetween them and the cathedrals. In the cathedrals. The change from the The English cathedrals are better basilica to the cathedral is a story of Few archi-



A church interior, from a MS. in the Library of Troyes. XIth century.

in which Gothic characteristics appear poured into the treasuries of the monks. with such completeness as to warrant It was in these circumstances that the its being accepted as a genuinely Gothic structure. And this, it is now admitted, is the abbey church of Morienval. It would not be proper to say that in this building Gothic architecture had its origin, but here the characteristics and component parts were first grouped in one structure, which, it is well to note, was a monastery church.

The new style spread quickly; S. Etienne at Beauvais, the churches of Cambronne, of Angy, of Thury-sous-Clermont, of Bury, of Noël-S. Martin are some few examples of what a recent writer has termed rudimentary Gothic. choir of S. Martin des Champs, Paris, the church of S. Pierre, Montmartre, the abbey church of S. Germer and S. Martin at Etampes are specimens of a transitional style, more developed than the preceding group, and at the end of which stand the base of the towers of the cathedral of Chartres, part of the cathedral of Sens and the of the style to distant quarters, and abbey church of S. Denis.

The architectural activity of the monks was an unmistakable indication of their tremendous hold upon the people. The eleventh and twelfth centuries saw the culmination of their wealth and power. The monasteries were the single source of culture and learning; they commanded the intellect of Europe and contained the leaders of men. Their resources increased with enormous rapidity, enabled them to build great establishments and magnificent churches, and finally caused their ruin in making the monastic life luxurious. The secular clergy viewed the rapidly increasing power of the monks with unconcealed uneasiness. They had a large personal following among the people, and some monasteries went so far as to boldly deny the authority of the bishops and maintained an independent connection The French bishops with Rome. thoroughly realized the necessity of asserting themselves, and engaging in some enterprise that would excite widespread public interest, and bring to ligious in their origin, but it was a their coffers the vast sums annually democratic church that undertook them

building of the French cathedrals was undertaken.

No more auspicious time for the development of a great architectural style could be imagined than the cathedral era, the reign of Philip Augustus. It was, above all, an art age; art, in one shape or another, but especially in architecture, was the most expressive form in which people gave expression to their intellectual and religious feelings. The building of a cathedral not only excited the greatest enthusiasm as an enterprise of vast magnitude, but as a work in which every one had some personal interest. Romanesque archi-The church of Poissy, the tecture had reached a point where the Gothic was its natural and logical consequence; the experience gained in the earlier edifices gave the builders of the newer that self-confidence necessary to undertake venturesome experiments in Gothic churches. The spread of the monastic orders helped largely in the new work, carrying skilled knowledge creating a taste for the Gothic art where otherwise, perhaps, might never have existed. The rapidly increasing power of the French sovereigns, and the constant additions made to the Royal Domain, not only gave a necessary stability to French life, and greater encouragement to building enterprises, but brought a larger extent of country under one ruler and rendered ideas and art more uniform. Both politically and artistically the preliminary stages required for a healthy artistic growth had been passed. It needed but the stimulating action of the bishops to arouse the people to architectural enterprises greater than they had heretofore undertaken, and which would create their own structures, built with their personal help and money, by them and for them.

> More than any English cathedral, the French cathedrals are people's churches. They were not the product of civic pride such as the Italian cathedrals of Florence, Sienna, Pisa or S. Mark's at Venice. They were re-

to completion. A church like Notre the architecture of the Royal Domain Dame, or Amiens, or Chartres, or Rouen upon the whole of France. standing in the centre of a busy, bustling city, the houses of the people crowding its very doors, the market place, the chief place of assembly perhaps before the great west portal, came closer to the goes back to the earliest times. Prodaily active thoughts of the people than a Canterbury or a Salisbury or a Gloucester in its grassy close, apart from the noise of the worldly life, a silent, uninterested spectator from the distance of the active concerns of men. These were monks' churches, built by the monks and for them: the French cathedrals are monuments of secular and popular religious enthusiasm and len, Lazarus, who had been raised from feeling, that gives them a unique place in the history of humanity, of religion, and of architecture.

French, and rightly so, was confined to these would leave indelible marks of that small portion of the great country their work. Lazarus founded the bish-we now call by that name, known as opric of Marseilles, Restitutus that of the Royal Domain. Here it was that S. Paul-Trois-Châteaux; Mary Jacobi the building enthusiasm chiefly centred, and Mary Salome settled in the now and here Gothic architecture reached desolated town of Les Saintes Maries; its highest France is the union of many districts Dame des Doms, at Avignon, in honor which in the Middle Ages were held of the still living Virgin, and endeared together by rather loose ties. The his- herself to the people of Tarascon by tory of that time is largely concerned delivering them from a dragon which with bringing these outlying regions threatened their destruction. The tombs under the rule of the monarchy, and of the Marys may still be seen in their hence it was that the great architect- city of Les Saintes Maries, and the ural development manifested in the good folk of Tarascon cherish the mem-Royal Domain was only partly reflected ory of Martha and the dragon to this in the other districts. The Cathedral day with their immortal *Tarasque*. of Provence, of the early thirteenth Nor were these the only traveler century, was a very different building Apostolic times in Gaul. Pontius Pilate from the Cathedral of the Ile de France was exiled to Vienne under Caligula of the same time. It is only later that and committed suicide by precipitating northern fashions came into vogue in himself from the summit of the Mont Pithe south, and the developed Gothic is lat, in the Cevennes, which is still known more to be sought in southern France by his name. At the head of the list in the fourteenth and fifteenth centu- of the bishops of Béziers stands the name ries than in the thirteenth. This fact of S. Aphrodisius, who was, so the story does not, however, lessen the claim of says, governor of Egypt when the Virthe churches of the Ile de France to gin and Joseph went down with the be known as typical French churches, infant Jesus. Converted after the Asnor the conditions under which they cension, he resigned his lofty post, was were built to be accepted as typi- baptised, and became a humble bishop cally French conditions. From the in southern Gaul. Still another name vantage ground of the end of the six- is that of Trophimus, the famous first teenth century, when the reign of the bishop of Arles; who is mentioned by

and carried them, as near as may be, to estimate properly the full effect of

IV.

The ecclesiastical history of France vence is rich in the legends of men and women personally connected with Christ. Very early a goodly company journeyed down into Gaul, having been, so runs the tale, driven from Jerusalem by persecution. There were Mary Iacobi, the sister of the Virgin; Mary Salome, the mother of the Apostles James and John; Martha, Mary Magdathe dead; Restitutus, the man born blind who had been healed by Christ; and a servant Sarah. It may be' readily Yet the movement here termed imagined that men and women such as development. Modern Martha founded the church of Notre

Nor were these the only travelers of Gothic had all but closed, it is possible the Apostle Paul as one of his companions who accompanied him on one of year 597-one hundred years after the his journeys. Paul, the first bishop of conversion of Clovis-in which S. Au-Narbonne is said to be one Sergius gustine landed in Britain, the clergy Paulus, the proconsul converted in Cy- and bishops of the native British prus by the Apostle Paul when Elymus church being of too dim personality to the Sorcerer withstood him.

tales we need not inquire; certainly this time Gaul was thickly dotted with there is no need to demolish them. It bishoprics; in the sixth century it conis more to the point, perhaps, to know tained two hundred and thirty-nine that the first authoritative reference to convents, and from the sixth to the the Christians in Gaul is the slaughter- eighth ing of a thriving cummunity at Lyons church councils were held within its in a persecution in the year 177. From borders. that time on the list of French bishops Church first illumined Britain the founrapidly increases. In these good old dations had been firmly laid in Gaul for days every bishop was a saint, or that superstructure which was to find deemed so by posterity, and the records such complete and glorious illustration of the times are crowded with the in the cathedrals of the Middle Ages. names of holy men who hesitated at no sacrifice in carrying the Gospel of dral, though what manner of edifice it Christ to distant and unknown regions. was we can scarcely conjecture. The Many of these names are now lost be- Historia ecclesiastica Francorum yond recall, many others cannot be Gregory of Tours, while abounding in accurately dated. Omitting doubtful interesting details of the early history ones, and accepting only ascertained of the Franks, is peculiarly deficient in dates, fourteen sees had their origin in archæological information. We gather the third century, thirty-five in the from his narrative that the basilican fourth, thirty in the fifth, and twenty- form was usual in Gallic churches, as five in the sixth. These centuries were would be natural, since in architecture the periods of episcopal development in as in religion the usages of Rome and Gaul: no single century, save the of Italy would be closely followed. He fourteenth exceeding them in the num- tells us that the basilica built by Bishop ber of foundations. The years 1317 Perpétuus at Tours was 160 feet long, and 1318 saw the erection of fifteen 60 feet wide, and 45 feet high from sees, chiefly by the conversion of floor to ceiling. It had thirty-two monastic establishments into bishop- windows in the choir, and twenty in the rics. The revolutionary epoch, in which nave. It had 120 columns, and eight fifty-six sees were suppressed, alone doors, of which three were in the choir approaches these first centuries in and five in the nave. And then, after episcopal changes.

French ecclesiastical history is the ing some references to the services held conversion and baptism of Clovis, bap- there. As this edifice existed when the tised by S. Remi at Reims on Christ- description was written, it may be asmas Day, 496 or 497. The conversion sumed to be fairly accurate, but it was of the emperor Constantine had scarce a building of exceptional importance. more momentous consequences to Obviously the pious bishop allowed his western Europe than that of the Frank- rhetoric and fondness for the marvelous ish chieftan. While it is doubtless to get the better of him in describing true that the savage Frank fell far the baptism of Clovis. The church, he short of the modern idea of conversion writes, was sumptuously adorned, briland well doing, it is from this event liant with the light of innumerable that the real beginnings of Christianity tapers, and filled with perfume of such may be counted in what is now known sweetness that those who were present as France.

No English bishopric antedates the the air of Paradise.

have historical value, however great Whether there be any truth in these their ecclesiastical interest. Yet at less than eighty-three no When the light of the

Each primitive bishop had his catheof these highly interesting arithmetical de-The culminating event in early tails, he leaves the subject, simply addsupposed themselves to be breathing

edifices of which now no stone remains more closely followed in more important upon another, and of which our knowl- structures. edge is so limited. Both wood and stone seemed to have been used as the attributed to the eighth century by building material, the choice depend- Lenoir, gives us the exterior and interior ing, perhaps, upon both conveniences of a church and enables us to form and the means at hand. But the de- some notion of architecture at this time. scriptions of Gregory and the few other The facade shows two towers with low early writers who make mention of pyramidal roofs. In the centre is a architecture in any way must be taken round-headed doorway, greatly exagwith some allowance for their ideas of gerated in height, and over which is a the importance of the buildings. Cer- round-headed window representing an tainly until the time of Charlemagne early stage of the wheel or rose win-Gaul was in no condition to support dows of the French mediæval front. expensive or elaborate church build- The interior of the church, which ings, nor was there the mechanical stretches along the capital parallel to knowledge to build them. Such few the façade, exhibits five round arches edifices as have survived from the ninth supported on single columns. Two of century are apt to be better guides to these columns are interrupted in order the earlier structures than the impas- to make place for the worshippers. The sioned and patriotic descriptions of furthermost bay is occupied by an altar. ecclesiastical chronographers.

Beauvais, the Baptistry at Poitiers, the Benedict and dating from the eleventh churches of Savesnières and Gennes, century, contains an illustration of a the crypts of S. Aignan and S. Avit at much more pretentious structure. As Orléans, part of the crypt of the cathe- in the preceding example a transverse dral of Chartres, the churches of Crav- section across the choir is combined ant, near Chinon, of S. Généroux (Deux- with a longitudinal section down the Sèvres), of S. Laurent at Grenoble, of nave. The choir shows two arches, an S. Pierre at Vienne (Isère), of Vieux- unusual arrangement which would Pont-en-Auge (Calvados), of S. Martin bring a row of columns down the cen-at Angers, of S. Christopher and S. tre of the nave. Two explanations are Lubin at Suèvres (Loir-et-Cher), of La possible here: either the central col-Couture at Le Mans, which in whole or umn behind the altar indicates an apse, in part may be attributed to the Mero- in which case the columns would not vingian and Carlovingian eras, show be continued in the nave, an hypothesis better than the ancient descriptions which is strengthened by the curved what manner of buildings the early apses which appear on either side of French churches were. With Charle-magne began a new epoch in archi-deeming the space filled by the altar tecture, and his chapel at Aachen 15 not too wide for a single arch, has drawn only a great advance on preceding two for appearance's sake. The prob-edifices, but, notwithstanding its ob- ability is that we have actually a transvious modeling after S. Vitale at verse section, since the art of drawing Ravenna, a really important monument at this time had not sufficiently masto the abilities of northern architects.

all the great churches of the earliest tant things in the sketch are the semitimes were destroyed to make room for circular apse on either side of the later and more sumptuous buildings, if choir, which may be taken as indica-indeed they had not fallen into decay tions of the semi-circular form of one from inefficient workmanship. Most apse, rather than as two separate apses of the churches of Merovingian and one at each end of the church; and the Carlovingian eras are very small and central tower, erected over the altar to give few hints of the Italian methods of give greater emphasis to this part.

It is needless to undertake to restore church building which may have been

A capital from the crypt of S. Denis,

A manuscript in the library at Buildings like the Basse-Œuvre at Troyes, exhibiting the miracles of S. tered perspective to render any other It is well to remember, however, that explanation likely. The really impor-



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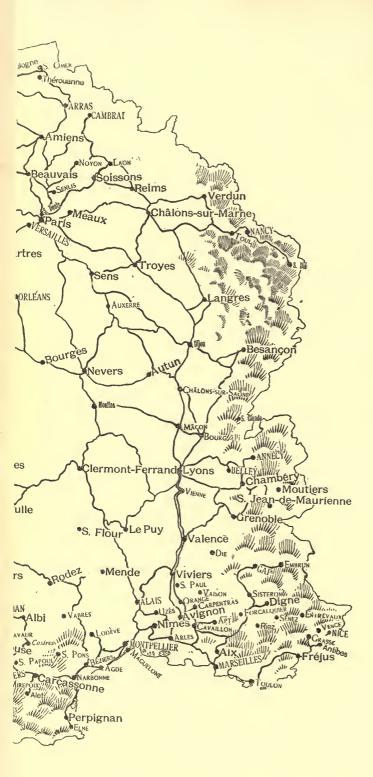
SARL.

Tours

Map showing the Cathedral Towns and Railroad connections.

BY BARR FERREE.

For description, see note on page 135.



The arcade under the roof of the apse towers, with their open galleries at the shows a motif in high favor in Italy; top, doubtless represent the façade of

the roof of the choir, represented in the building, and, like the decoration projection, shows the same. The two of the apse, indicate Italian models.

Barr Ferree.

The cathedrals marked in the accompanying map may be classified as follows :

Cathedral cities with ancient cathedrals, in **bold face** type :-- Agen, Aire, Aix, Albi, Amiens, Angers, Angoulème, Auch, Autun, Avignon, Bayeux, Bayonne, Beauvais, Belley, Besançon, Bordeaux, Bourges, Cahors, Carcassonne, Chambéry, Châlons-sur-Marne, Chartres, Clermont-Ferrand, Coutances, Digne, Evreux, Fréjus, Grenoble, Langres, Le Mans, Le Puy, Limoges, Lyons, Meaux, Mende, Moutiers, Nantes, Nevers, Nîmes, Paris, Péregueux, Perpignan, Poitiers, Quimper, Reims, Rodez, Rouen, S. Brieuc, S. Flour, S. Jean-de-Maurienne, S. Malo, Séez, Sens, Soissons, Tarbes, Toulouse, Tours, Troyes, Tulle, Valence, Vannes, Verdun, Viviers.

Cathedral cities with modern cathedrals, that is built after the sixteenth century, in CAPS:-Arras, Cambrai, Gap, La Rochelle, Marseilles, Montauban, Nice, Pamiers, Rennes. The cathedrals of Belley, Montpellier and Annecy have been so completely modernized as to warrant inclusion in this class, to which also Orléans cathedral properly belongs. All these sees are of ancient foundations, but the cathedrals of Blois, Laval, Nancy, Versailles and Alais, which are modern churches, except the last, which is much restored, are of modern foundation.

Cities formerly sees of bishops, now without episcopal rank, but containing ancient cathedrals, in SMALL CAFS:-Agde, Apt, Arles, Auxerre, Bazas, Béziers, Bourg, Carpentras, Cavaillon, Châlonssur-Saône, Condom, Die, Dol, Elne, Embrun, Entrevaux (Glandèves), Forcalquier, Grasse, Laon, Lavaur, Lectoure, Lescar, Lisieux, Lodève, Lombez, Luçon, Mirepoix, Maguelone, Narbonne, Noyon, Oloron, Orange, Rieux, S. Bertrand-de-Comminges, S. Lizier (Conserans), S. Omer, S. Papoul, S. Paul-Trois-Châteaux, S. Pol-de-Leon, S. Pons-de-Thomiéres, Saintes, Sarlat, Senlis, Sénez, Sisteron, Tréguier, Toul, Toulon, Vabres, Vaison, Vence, Vienne.

Non-episcopal cities with modern cathedrals, in *italics* :--- Castres, Dax.

Cities not now episcopal with ruined cathedrals or with none at all, in roman :--Alet, Antibes, Avranches, Boulogne, Eauze, Maillezais, Riez, S. Servan (Aleth), Thérouanne, Mâcon.

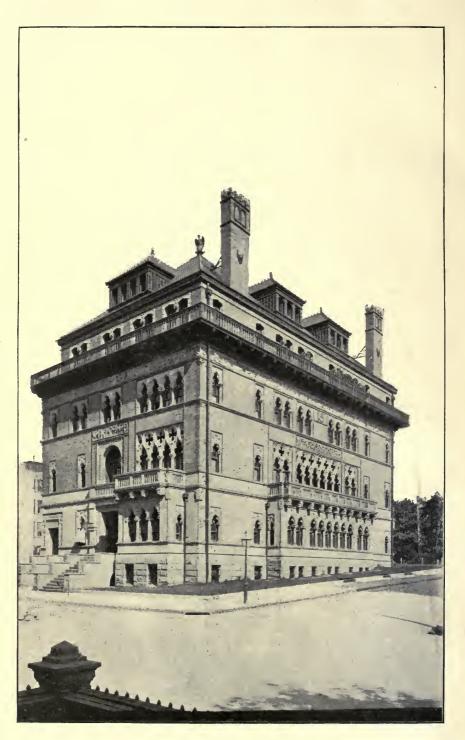
Modern sees with ancient churches, that is, churches not built as cathedrals, now used as such, tall Condensed Letter :- Dijon, Moulins, S. Claude, S. Dié, S. Denis.

This classification is general only; it is independent of the amount of restoration or modern additions the buildings classed as "ancient" may have been subjected to, as well as to whether they were originally built as cathedrals or not. The cathedral of Ajaccio in Corsica is not included in this list.

Both Arras and Cambrai had mediæval cathedrals which were destroyed at the time of the Revolution. The present cathedrals are modern. The cathedral of Riez has been rebuilt during this century, but as the see was suppressed in 1801 prior to the rebuilding it cannot now be rightly termed a cathedral.



Capital from S. Denis. VIIIth century.



Brooklyn, N. Y.

MONTAUK CLUB. (See page 145.) F. H. Kimball, Architect.



THE FIRST TERRA COTTA BUILDING ERECTED IN NEW YORK CITY. East 36th street, near Madison avenue.

THE HISTORY OF TERRA COTTA IN NEW YORK CITY.

spected in New York. They were en- New York and its vicinity. The reply gaged in a study of the various materials used for the exteriors of the buildgentleman was Marcus Spring, a retired dry-goods merchant.

the street, looking up at old Trinity tion to all parties concerned. Church, Marcus Spring was recognized know all about that material; it is by an influential and popular architect, useful enough in Europe, but it will

N the spring of the year 1870 who was then conducting an extensive a young architectural clay- and lucrative practice. To this archiworker, who had recently tect Mr. Spring explained the object landed, was walking up of his presence at that place, and re-Broadway with a venerable quested him to give his professional and white-haired old gen- opinion concerning the probability of tleman, who at that time success attending any attempt to introwas well known and re- duce architectural terra cotta work into was prompt and positive:

" My dear sir, there can be but one ings on that thoroughfare. The old opinion upon that subject. It would most surely fail. Terra cotta has been tried over and over again, and every While standing on the east side of attempt has resulted in loss and vexa-We

not withstand the rigors of our Ameri- the graveyard, he said, "that looks to can climate. If that young man intends me like a brick building, and if brick to continue his trade of terra cotta will withstand the climate of New York making I would strongly advise him to terra cotta most certainly will, because return to England, for he will find it I hold that terra cotta is only a higher impossible to earn a living for his grade of brick-work." The true signifamily at that trade in the United ficance of the value of the Trinity



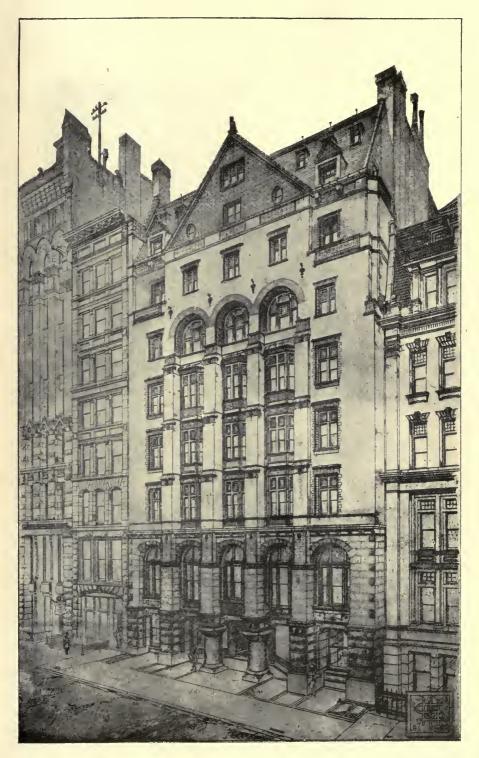
New Britain, Conn,

RUSSELL & ERWIN BUILDING. McKim, Mead & White, Architects.

States. Our architects and builders Building in helping to demonstrate the will most certainly refuse to make permanent utility of terra cotta was not any further experiments with the then apparent, for the grotesque animal material."

who had apparently given the subject which decorate the main cornice of the consideration, was very discouraging building are actually made of terra to Marcus Spring. But it did not so cotta, the material being hidden under impress the clay-worker, for looking a coat of paint, which had been used over at the Trinity Building, north of to make the terra cotta resemble brown

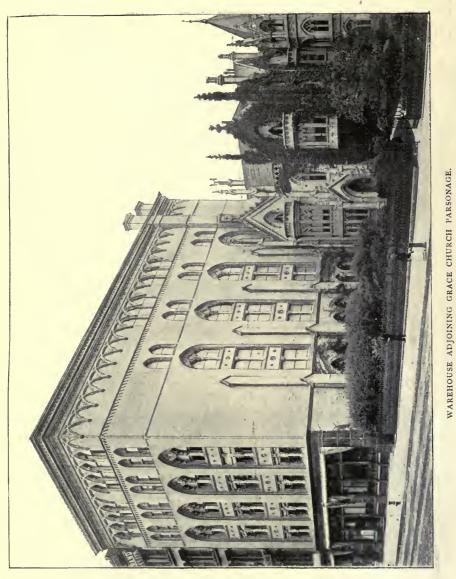
heads which form the keystones to the This emphatic opinion, from one window arches, and the modillions



Wall street, New York City.

ASTOR BUILDING.

H. J. Hardenbergh, Architect.



Renwick, Aspinwall & Russell, Architects.

Broadway, New York City.

stone. This very building, therefore, Aspinwall & Russell have designed was one of the few *successful* attempts, but our friend, the advising architect, did not know of it or he might have reconsidered his opinion. The terra cotta work used in this building is still perfect, although it has been found necessary to recut the damaged and disintegrated faces of the brown stone work in the walls and mouldings.

Here let us define the difference between "terra cotta" and "architectural terra cotta.'

"Terra cotta" is simply "baked earth," a term technically distinct from porcelain; it may be lacquered, painted or decorated in any color to represent various materials. But "architectural terra cotta" presents itself in the cles and gables, have all been made of natural color which it receives from its constituent ingredients during the process of being burned into an imperishable material. It does not represent any other material, it is not an imitation of stone or iron or wood (although attempts are often made to make it such), it is a recognized building material having its own quality and purpose, and when used ought to be distinctly recognizable. Therefore, although Richard Upjohn did use terra cotta in the construction of Trinity Building in the year 1853, he did not use architectural terra cotta. He simply used a material of burned clay painted to make an imitation of brown stone.

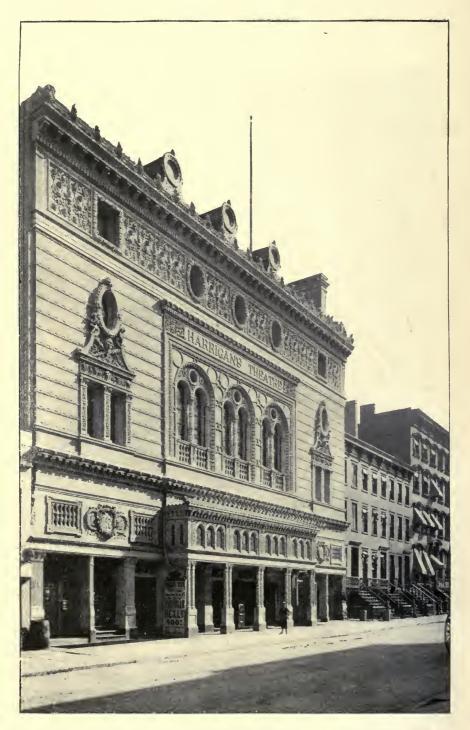
A very earnest contemporary of Richard Upjohn in that early effort to produce terra cotta was Mr. James Renwick, who is still an earnest worker and a believer in the value of architectural terra cotta. No one did more wooden structures to city property led than Mr. Renwick to introduce terra them to cheerfully welcome a material cotta work into New York, and one of that would conjoin with their vast his most successful efforts still remains brick-making industries, and give them in the window trimmings of the St. Dennis Hotel, located on Broadway, opposite Grace Church. No architect recognized the higher claims of archi- Burling & Adler (now Adler & Sullitectural terra cotta more thoroughly van), Carter, Drake & White, W. L. B. than he did. It is an interesting fact Jenney, and Burnham & Root, were the that Mr. Renwick has been personally pioneer architects who first recognized identified with all the progressive his- the utility and advantages of architecttory of terra cotta work in New York ural terra cotta. City from 1853 up to the present time. Chicago in 1871 converted the real The architectural firm of Renwick, estate owners and builders to a belief

very many special uses for this material. One especially good example of decorative terra cotta work is the altar and reredos of St. Mark's Church, at the southwest corner of Avenue B and Tenth street, New York. This was made in Boston about 1882. It is designed in early English Gothic and is exceedingly well executed in both modeling and color. Another design by Mr. Renwick that called for especial care in construction and detail is the Church of All Saints, recently erected on the northeast corner of Madison avenue and One Hundred and Twentyninth street, New York. The traceried rose and mullioned windows, the pinnagray terra cotta.

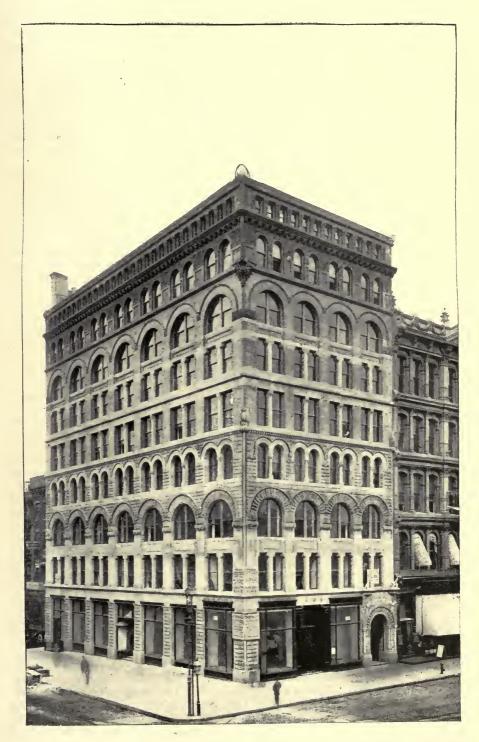
In 1870 the New York architects and builders certainly were not ready for the reception or use of architectural terra cotta, and therefore no organized effort was made at that time to manufacture it in this vicinity; yet old clayworkers, such as John Stewart, of West Eighteenth street, Henry Maurer, of East Twenty-third street, New York, and C. W. Boynton, of Woodbridge, N. I., can very well remember that the subject was submitted to them at that time, and that they agreed with the architect who said it would not do to make any new attempts.

The first American city to welcome architectural terra cotta work was The Western metropolis Chicago. teems with men who, like the Athenians of old, are ever on the lookout for some new thing. The cost of stone, the rusting of iron and the danger of a decorative and useful building material.

W. Boyington, John Van Oxdell, The great fire at



New York City.



Union square, New York City.

LINCOLN BUILDING. (See page 148.) R. H. Robertson, Architect.

in its usefulness, and they used it very than half a million of dollars of capital extensively in the rebuilding of the invested in the business, and is produccity, so that the manufacture grew in ing upwards of eight hundred thousand demand rapidly. Especially was this dollars worth of building material per true of the trade in the outlying Western cities, as Des Moines, Omaha, Milwaukee and others-for its light cost for freight and the scarcity of skilled labor rendered it desirable.

In 1887 Architects Geo. B. Post, of New York; Whitney Lewis, of Boston; H. H. Richardson; and Messrs. Stone & Carpenter, of Providence, began to use the material. Messrs. Stone & industry was made by Silliman & Farns-Carpenter used it for the Brown University and the City Hall in Providence, R. I. H. H. Richardson used it upon in connection with moulded red and Trinity Church, Boston. Lewis used it upon a large residence on Commonwealth avenue, Boston. G. B. Post used it upon a residence on West Thirty-sixth street, New York. These formed the Eastern foundation upon which the vast architectural terra cotta industry of America has been organized and developed.

To Geo. B. Post belongs the honor having erected the first strictly of architectural terra cotta building in the City of New York. This is located on the north side of West Thirty-sixth street, near Madison avenue. It was built by Jas. B. Smith in 1877, and is a good evidence of the weather qualities of terra cotta, all of its detail being as perfect to-day as when it was set up fourteen years ago. The ornamentation of this work is worth especial notice, for we believe it to be the only example in New York City of that description of work. It was not modeled as clay ornamental work is generally done, viz., in a plastic condition, but the slabs were formed solid, and when partially dry the designs were carved with wood-carving tools, no hammers being used. Isaac Scott, of Chicago, was the originator of this method of producing ornamentation, and it met with great favor among the Chicago architects. The terra cotta for this building was made in Chicago by the man who in 1870 had been advised not to attempt to induce New York architects to use the material. New York now has two large establishments employing more tical assistance in the development of than six hundred men. It has more this industry.

annum. Boston, Baltimore and Philadelphia also have extensive works engaged in the same industry, and there are many small concerns in various places spread all over the United States. All these are the direct outgrowth of the Chicago Terra Cotta Works, which are still in prosperous operation.

The next step in the progress of this worth when they introduced it (in the erection of a large commercial building) Whitney black brick-work ; this was done in the Morse Building, at the corner of Nassau and Beekman streets, erected in 1879. In this building the raised or protected vertical joint was first used. This form of joint prevents the rain from scouring out the pointing mortar, and it is an important and necessary precaution which ought to be used upon all exposed surfaces.

> When once the architects of New York began to recognize the use of architectural terra cotta they caused a vast amount of development in the production of it. Having no precedent, they made all kinds of demands, such as had not hithertofore been required or expected; but these very requirements have tended to lead the makers into new channels, which have produced successful results in regard to color, ornamentation, construction and surface treatment, so that now there is no reasonable doubt that architectural terra cotta as it is designed and made and used in America is far better in many respects than the best products of European factories.

> The Brooklyn Historical Society's Building was designed by Geo. B. Post in 1878, and it was the first important or public building in which the material was used by a New York architect. This was followed by the Produce Exchange Building, the Cotton Exchange Building, and many others by the same architect, to whom the clay-worker owes a large measure of thanks for his prac-

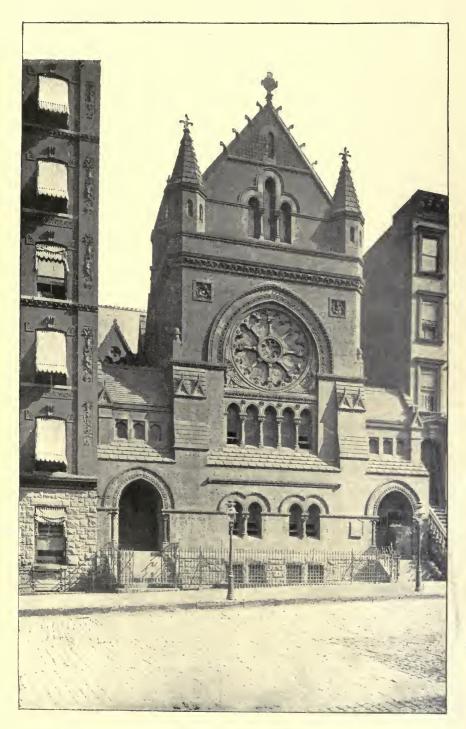
The introduction of highly orhamental work in terra cotta was begun by F. H. Kimball and Thos. Wisedell about 1880, when they designed the New York Casino, Thirty-ninth street and Broadway. In this specimen, which is of Moorish design, it was shown that terra cotta was capable of elaborate decoration at moderate cost. This capability has been constantly put before the public by F. H. Kimball in the various buildings which he has designed, viz., the Catholic Apostolic Church on West Fifty-seventh street, which has an elaborate rose window, in which several features were introduced that had not before been attempted in America. The Corbin Building at the corner of John street and Broadway is another example of profuse decoration of surfaces, which, together with the color of the terra cotta, produces effects at once agreeable and varied, and almost unattainable in any other material. The Montauk Club House furnished still another opportunity for taking advantage of the facility which the use of terra cotta furnishes the designer. The name of the club gave an Indian significance to the design which the architect made use of, and the result is an ensemble of Indian trophies and implements utilized in decorative features that are both pleasing and suggestive, while the sculptured friezes enabled the architect to record in a durable material many incidents of Indian life and customs which makes this structure an object of interest to the general public. The façade of the new Harrigan's Theatre was treated in the same spirit, and subjects connected with the Harrigan's successes were used as motifs for the decoration. For this purpose there is no other material so useful to the architect, because it permits of the original sketch models being burned and used (a process which prevents the defacement and mutilation incident to remodeling and casting).

The subject of "color" in terra cotta was first brought under consideration by, and it received its present importance from, Eastern architects. Previous to 1877 almost all American architectural terra cotta was of a stone color,

Joliet limestone being the Chicago ideal, gravish buff was the prevailing color of Chicago terra cotta. Eastern architects, however, demanded other colors. Geo. B. Post asked for red, Whitney Lewis called for yellow buff, while Messrs. Stone & Carpenter wanted brown. Thus the old fashion passed away and the polychrome prevailed, and is now the present demand. This has done very much towards increasing the demand for architectural terra cotta, and Architects McKim, Mead & White were perhaps the foremost leaders in this branch of the business; certain it is that to them belongs the credit for the introduction of the Pompeian or mottled color which they used on the Tiffany House, also a neutral reddish color used for the Russell & Erwin Building (New Britain, Conn.), and the white used upon the Hotel Imperial, the Madison Square Garden and other buildings.

One of the most serious problems in the proper use of architectural terra cotta was the treatment of its surfaces, and this quality has been most successfully developed by Architect Cyrus L. The bold and massive W. Eidlitz. character of his style (Romanesque) forbids the use of the usual old-fashioned smooth surface. Therefore he made a study of the subject, and the result of his efforts was the introduction of the combed or crinkled surfaces, by a method which he personally devised, and which method is now the common property of all clay-workers. It has helped greatly to improve the artistic value and appearance of terra cotta work. This surface treatment was used upon the Art and Library Building (see ARCHI-TECTURAL RECORD, Vol. I., No. 2, p. 167) in Buffalo which is made of red terra cotta; also upon the Telephone Building in New York which is of a warm reddish buff, and upon the Racquet Club-house which is of dark or socalled Pompeian color. In all of them the advantage of the surface treatment is apparent. It is a truly distinctive feature, which shows clearly that it is done in plastic material and therefore indicates terra cotta work.

Thus have the architects of New



CATHOLIC APOSTOLIC CHURCH. . (See page 145.)



RESIDENCE ON EAST 36TH STREET. Near Madison avenue, New York City. (See page 144.)

Geo. B. Post, Architect.

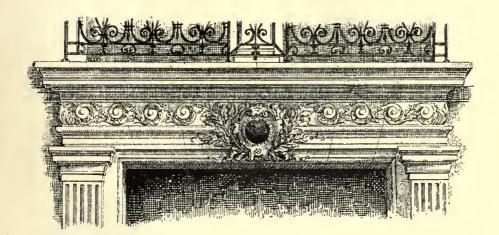
York urged on the terra cotta makers, compelling them to new efforts, and in many instances these efforts have been successful, so that by the coöperation of the architects and the clay-workers architectural terra cotta in America is probably in many respects in the van in comparison with older countries.

It would be impossible to mention all the architects who have made this progress and development possible, and we must be content to specify a very limited list of buildings that are especially instructive to the architectural terra cotta makers as suggestive of various matters of detail which may prove profitable to them if examined in an inquiring mood, with a view to the improvement of their processes of production. Such lessons may be learned by a study of the Astor Building, Wall street; the Western Union Building, Broad street; the Schermerhorn Build- in the future than that it has produced ing, corner Great Jones street and La- hitherto, because the improvements fayette place—H. J. Hardenberg, archi- hoped for are to be based upon so much tect; the De Vinne Press Building, cor- good work already done.

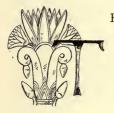
ner of Fourth street and Lafayette place -Babb, Cook & Willard, architects; the Church of the Messiah, Brooklyn; the Railroad Men's Reading Rooms, Madison avenue and Forty-fifth street; the Lincoln and other office buildings on Broadway, between Fourteenth street and Eighteenth street-R. H. Robertson, architect; the Carnegie or New York Music Hall, corner Fifty-eighth street and Seventh avenue-W. B. Tuthill, architect; the Colonial Club House. 72d street and Boulevard; the West End Presbyterian Church, One Hundred and Fifth street and Amsterdam avenue-Henry Kilburn architect; the Collegiate Church, corner Seventy-seventh West street and End avenue-R. W. Gibson, architect. Upon this spirit of cooperation depends the future development of this industry, and doubtless it will lead to greater advancement

Fames Taylor.





VARIOUS CAUSES FOR BAD ARCHITECTURE.



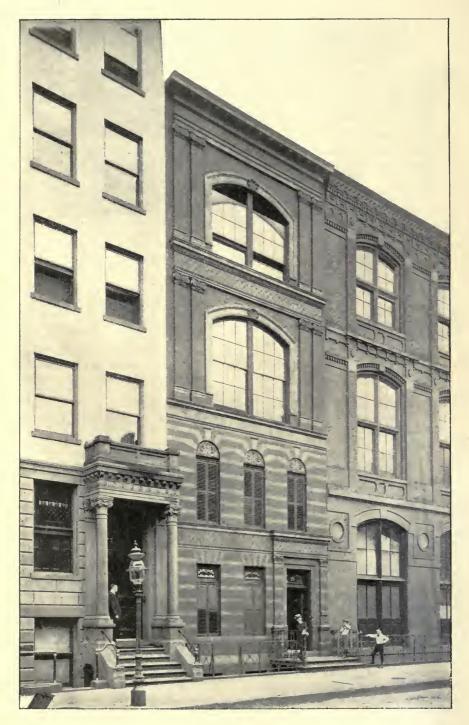
a n d looking where the build-

ings, commonplace and tasteless enough in the beginning, have fallen tectural development is one, of course, into some one of the various stages of ruin that only invite the coming of fire, or the hand of the dealer in secondhand building material.

Neither can it be said that the condition of any of the most celebrated streets in the world is architecturally such as to compel ungualified commendation. There may be streets in Paris that display nothing glaringly defective; but the city, it will be remembered, was rebuilt by political machinery during the reign of the last Napoleon, and, like everything else done by and the desire for comforts and luxumachinery, it lacks the variety of hand-ries. But their buildings were largely made manufactures. roof has been used in Paris until the only was the common inheritance; and streets look like unhelmeted battalions the humble origin of such structural of men, all with retreating foreheads, objects as they display is stamped indrawn up in line of battle. Many of delibly on every story. the streets of Paris are beautiful; object in their construction was to but it is sometimes thought that they protect the inmates and their goods are too much like an exhibition of pic- from the inclemency of the weather. tures all by the hand of one master. They were not always built with-Everywhere in the world there is some- out any decorative motive.

HE general effect of thing imperfect or incomplete architectall buildings in no urally, and it will be interesting and city of the world is possibly useful to study some of the satisfactory. Every reasons for the defects. If it be found city has its squalid that there are sometimes defects too dilapidated radical to be removed, we may still look quarters, to discover errors that education can amend.

The first obstacle to perfect archiwhich can never be removed either by time or training. All the cities of Christendom, except some of our exhalations of the night in this country, and in some colonial countries, are the growth of many years, generally the growth of many centuries, and in their social conditions they have risen gradually from poverty to the different degrees of opulence now displayed. They are advancing, also, with greater or less rapidity according to their environment and opportunities, in civilization The Mansard the product of a period when poverty The chief Occa-



TENTH STREET HOUSE. (See "History of Terra Cotta.") Renwick, Aspinwall & Russell, Architects.

sionally we see attempts at archi-necessarily full of his rent roll, and he tectural decoration in the measure of must see that everything redundant is those old-time rookeries; but the re- shorn away. Certain structural requiresults in such cases suggest the freak of ments must be observed, for the law some house carpenter or mason whose interposes here, and decrees if it does architectural instincts were irrepressi- not always obtain immunity from danble. The buildings as they stand were ger for the tenant. The building must simply a product of domestic needs of be constructed, too, with an eye to sanithe commonest kind. But here is the tary requirements. There must be good obstacle that still stands in the way of ventilation, often to be obtained only improvement. more opulent and more highly civilized; and the plumbing must be well done. but the relative condition of its mem- All this is regulated by law so far as bers has not radically changed, and, the law can regulate the hidden and though we may reconstruct whole dis- inscrutible, and if there be any irregutricts as fast as ruin compels their re- larity in complying with legal proviconstruction, poverty has not yet been sions the gain is not likely to accrue to completely eliminated from the archi- the landlord. He must meet the legal tectural problem. We may look to see requirements by putting the cost upon a perpetuation of like causes producing the building; and by the time health like effects.

architecture is not only a peculiarly obstinate obstruction but it is very serious in its effects on the architectural improvements of our cities. The tion of tenement quarters which do not day can never come when men of moderate means will not be found constructing their own shelter, and the chief part of the structural work in all cities must continue to be done with no æsthetic motive An alternative might be temporarily found in the new nationalism of the cranks; but it is an alternative that will not be worth considering. We must expect to see in the future, as men have seen in the past, all our buildings quarters may be obtained at the miniwith any pretension to æsthetic merit mum of cost, and everything shall be concentrated in opulent quarters, while luxurious and perfect. But the experithe larger parts of our cities remain ments usually end with the first atcommonplace.

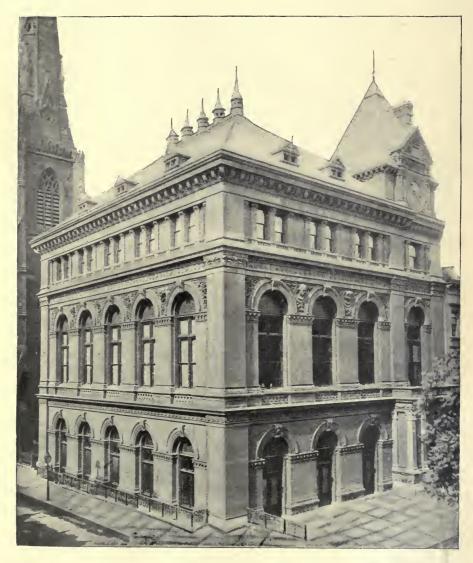
way of tasteful architecture which fol- ber of philanthropically-disposed men lows upon the first obstacle as a carol- in the world is not relatively large, lary. Or, rather, it is the same ob- and, secondly, the number of persons stacle differently manifested, or inter- who are willing to live on the charities posed in a different form. If men of of the philanthropically disposed is moderate means cannot build very ex- relatively still smaller. We cannot dipensively when they build for them- vest model tenement houses, built withselves neither can the rich build ex- out any eye to profit, of their eleemospensively when they build for the use synary character, and no high spirited of men of moderate means or for the man, whether rich or poor, will care to poor. The ability of the tenant to pay publish to the world that he is saving rent must regulate the standard of all money by asking other men to forego buildings built for tenancy. The land- their profits. lord proposing to build examines the plans of the architect with his head seen in the way of model tenement

Society is becoming at the sacrifice of considerable space, and safety have been considered there This obstacle in the way of good may be only a slight margin left for administering to those æsthetic sentiments which alone he is free to forget.

Many difficulties beset the construcappear on superficial observation, and which must continue to make those quarters the representatives of the architecturally commonplace. No agency in active operation for their improvement is yet visible. Every now and then we hear of some philanthropically-disposed persons, or association of persons, who have determined to build model tenement houses where tempt. There are two chief causes for There is also another obstacle in the their want of success. First, the num-

These are the chief obstacles to be

Vol. II.-2-4.



Brooklyn, N. Y.

LONG ISLAND HISTORICAL SOCIETY. Geo. B. Post, Architect. (See page 144.)

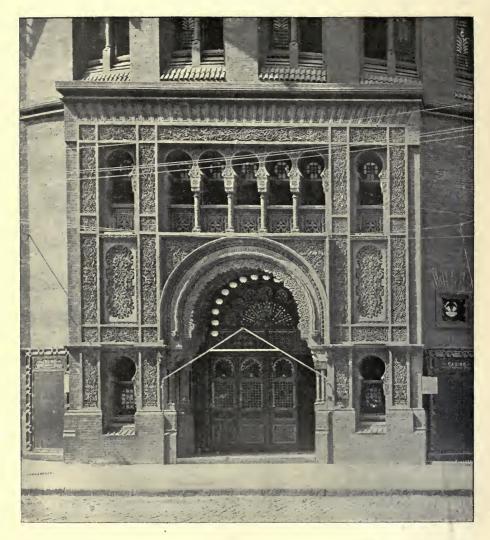
houses when the subject is considered chievously in our mercantile districts. morally and economically. But even In both districts it is the desire for low could such dwelling places be made rents which compels æstheticism to popular their success would not im- step to the rear while construction prove the character of our tenement- comes to the front. But there is this house districts æsthetically-the main difference between the two districts. consideration here. It would rather In the mercantile districts there is injure it, indeed, for even the philan- wealth with the ability to pay high thropist who had determined to furnish rents, and the desirability of elegant quarters for the poor at, say, 2 per cent warerooms and office rooms is so great interest, would not object to making that landlords may find a profit in it 3 per cent if he could obtain the ad- liberal expenditure. But the temptavance by pruning away some of the tion that leads to shamming is also architectural decorations of his build- great; and the inducement of cheap ing. He would justify himself by the material throws a powerful obstruction reflection that with the additional I in the way of the architect who would per cent he could build more model build conscientiously if he was only tenement houses. The rapacious land- furnished the means. lord on the other hand will be forced to be a little tasteful for the purpose broad field for discussion. Next in of making the quarters offered for rent order after the already-mentioned two inviting. He will lay tiled floors in the causes for tasteless architecture, or the corridors, erect marbled mantels, and one cause operating differently in difotherwise try to beautify his premises. ferent districts, comes the use of bad But the model tenement-house landlord can afford to disregard all such chief vehicles for the expression of meretricious embellishments.

There is probably but one way practicable in this country, or desirable sirable, vitally necessary, indeed, if we in any country, through which the tenement-house districts can be made to distinguish the different degrees of wear an improved architectural appearance, and, without any intention of making an Irish bull, it must be said that that way will be found in abolishing those districts altogether. When the inhabitants of the tenement houses fashioned into structural forms, has have gained sufficient financial intel- always remained in common ligence to prompt them to act col- either for entire buildings or for parts lectively, and, making use of insurance of buildings. -In this country it has as a means of offering security, to be- always been the chief material used come stockholders in their own dwell- for the construction of entire buildings. ings, a newly-awakened sense of pride This statement might not be thought and responsibility will lead them to quite true by persons visiting only expend money in the decoration of the within the fire limits of our large cities; homes which may be also the homes of but if we go abroad through the their children. comes it is probable that the rapacious outlying wards of the cities we shall landlord will be about the best phi- find the vastly larger number of dwelllanthropist, and, architecturally, the ings, and even of factories and mercanmost highly-cultivated whom we shall meet.

trol the tenement-house districts in the ities where stony fields almost compel production of the commonplace in the farmer to pile up the material architecture, come the precisely corre- at hand in the form of a dwelling. sponding influences that work mis- Wood has been so largely the

This mention of material suggests a building material. There are four architectural ideas, stone, brick, wood, and iron; and it is in every way dewish to build well, that we learn to merit to be found in these various substances.

Wood, probably the first material used in buildings on account of the facility with which it could be use But until that time country districts or visit the suburbs or gentleman, tile buildings, built of wood. A farm house built of any other material than Next, after the influences which con- wood is the exception save in local-



New York City.

ENTRANCE TO CASINO. (See page 145.) F. H. Kimball, Architect.



Nassau street, New York City.

ENTRANCE TO MORSE BUILDING. (See page 144.) Jan

James M. Farnsworth, Architect.

building States that it has modified our archi-light and brittle, and that the load tectural ideas both structurally and sustained, æsthetically. It would be better to entablature or pediment, is quite say that it has prevented the develop- inconsiderable. The modern builder ment of our architectural sensibilities; is guilty of a double offense. He not and it will properly be the first material to consider when discussing the tion, of the style, but he caricatured question of merit in the different substances used in architecture.

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It may be said in the beginning that for the expression of the higher language of architecture wood has no merit whatever. The architect cannot ever attempt to give expression to his sentiment of grandeur in wood without becoming in a measure, and in a pretty large measure, too, ridiculous. This is said in the full knowledge that in country towns, and sometimes in our large cities also, one may often see Doric, Ionic, and Corinthian porticos, and even whole façades, done in wood. The Greek proportions are observed; and the Corinthian columns are fluted in strict accordance with the most approved features of the art. But it cannot be said that the display discredits the assumption of absurdity. Such architectural exhibitions are usually survivals of a past generation. То confess the truth, however, they are much more dignified than the erratic Queen Anne cottages that have more that make no architectural pretensions recently sprung up in their neighborhood. Were one authorized to apportion the houses of the town among the inhabitants for places of residence we against the inclemency of the seasons. would feel inclined to give the dwelling It may be conceded that a certain with the Greek portico, or façade, to the county judge and his accomplished family of grown-up sons and daughters, and one of the Queen Anne cottages to the veterinary surgeon. This would appear to be the appropriate disposition that most could be made of two dwellings both wrong, but the one erring rather in material and the lack of original feeling than in principle. Nevertheless, the error is radical. Those massive columns in wood are too suggestive of sections of the mast of some tall ship material for interiors? Here we stand to be in keeping with the architectural upon new ground, for the interiors of style of a people who build of stone or buildings differ largely from exteriors marble. strong, able to sustain the shelf of a treatment. Decorative art assumes

material in the United mountain. Yet we know that they are as represented in the only made a too literal copy, or imitathe material. His work is suggestive of neither the firmness, durability, nor richness of his model, and those are properties that enter very subtly into our conceptions of architectural beauty and grandeur.

> Wood, as a material for exteriors in building, is suitable only for the expression of lightness, an exceedingly questionable architectural quality at best. It is easily fashioned into architectural forms, but to be consistent they must be forms that avoid rather than follow any architectural style. None but a lunatic would undertake to build a Gothic building in wood, though it would not do to say that the task has not been attempted. The same reflection might be made with reference to its adaptability for the Romanesque. The Greek style with its horizontal lintels is more flexible; and custom, as we have seen, has sanctioned its use for imitations of this style. Wood is really a suitable material only for buildings whatever, and that may be said to be conglomerated by the house carpenter for the purpose of giving protection measure of elegance has been attained in the construction of wood buildings; but it is an elegance hardly up to the standard of architectural æstheticism. The best wood building ever constructed will look better still when its porches, doorways, windows, and clapboards are covered all over with trailing vines, and it is made to retire behind the veil of a nearly impenetrable green. Thus decorated it may make a very attractive dwelling.

But what shall be said of wood as a They look ponderable and in the laws that should govern their greater importance as we pass the portals of a house and enter the rooms and corridors. We cannot, it is true, escape the law of mathematical proportion wherever we go. A square room, notwithstanding the frequency with which it is seen, is less agreeable to the eve than a room prolonged half the dimensions of the square into a rectangular form. A square room having walls just equal in height to the dimensions of the half the country. This surely is an infloor is peculiarly offensive, though such proportions are often seen in small rooms. A room with a ceiling too low are not suggestive of durability. They for the dimensions of the floor, when lack the solidity in appearance that measured in accordance with mathematical ratios, is still more disagreeable the legend borne upon all wood to the eye. Stairs, too, must hold their mouldings, mantels, or what not of proper relations to their environment, and interior mouldings, or columns, should be as accurately in proportion as any object of exterior decoration. But the combinations to be taken in at really fine art is something to be prea single coup d'ail in any interiors are served. It is certain that the legend is much less complex than the combinations of exteriors, and proportion, therefore, is less likely to be considered diture in architectural construction, than decorative effect. From the decorative point of view, then, is wood as to-day will be replaced within a period good a material for interior finish as stone or marble? Is it even as good as some of the substitute materials such fore, that the perishable nature of as marbled slate, or artificially colored marble?

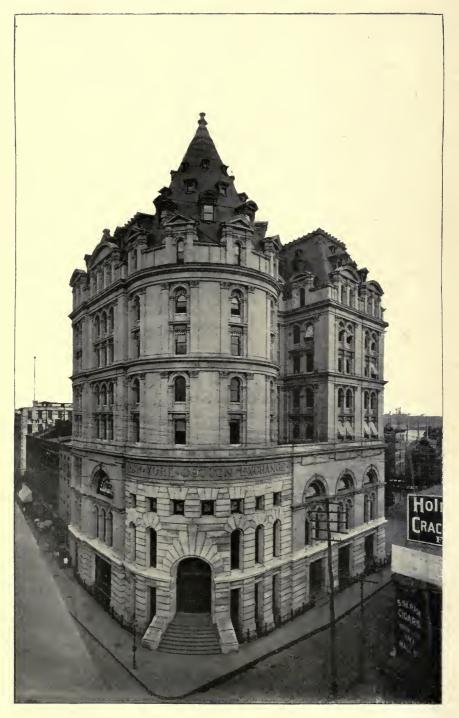
There is no doubt about the adaptability of wood for the production of decorative effects. The natural grain of some wood is exquisitely beautiful, and the material is easily cut and moulded into shapes that are pleasing to the eye. But just in this facility is the first objection. It is somewhat like terra cotta, too easily moulded, and hence the moulding machine in place of the carver, and stiff, inflexible forms where everything should be wrought tive suggestions it is a disparaging out lovingly by hand. Even the woodcarver was once an artist almost in the front rank. He was even more than a mere decorative artist, and had it not been for the perishable nature of the material in which he wrought we might have galleries of his productions still extant instead of the few examples that decoration it will be well to define the are preserved in museums. His work character of the decoration that is to be could show an infinite variety in the condemned. Cost precludes the possidays when wood was the standard bility of carrying certain decorative

building material in Europe, a variety almost up to the level of bas reliefs in marble or marble statues. But he is a factor in the building art no longer. In place of his work we have now merely stereotyped forms never quite up to the standard of even the best decorative art, and rooms are finished by the architect as they are furnished by the upholsterer after patterns that may serve citement to bad architecture.

Again, interior decorations of wood marble displays. "Only for to-day" is decorative art, and herein they are suggestive rather of fashion than of architectural style. This may not be an objection when we reflect that all true, because we are moving continually in the direction of a higher expenand most of the work that is called fine to be measured by the lives of persons now living. It cannot be said, therewood as a material for interior decoration should weigh very heavily against its use. Its sins are of another complexion.

Finally, wood interiors are objectionable because they lead to the excess of decoration. Of all the arts architecture should be the most chaste. More than any other art it creates an environment which casts upon our daily lives the reflex of its own character. If it is florid, redundant, superficial, coarse, or sensuous in its decorameasure of our civilization, a mirror in which we may see ourselves as others see us and find the reflection not flattering. Architecture should display taste in every line, and interiors should be objects of special study.

But while speaking of the excess of



New York City.

COTTON EXCHANGE. (See page 144.)

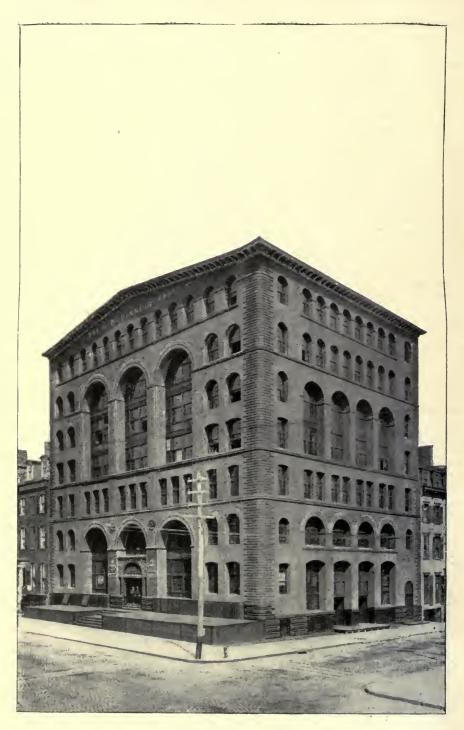
Geo. B. Post, Architect.

forms to excess and against this style of decoration, even were there any copy all the vices of wood building is danger of its misuse, it would not be ever present with the workmen in iron, necessary to file a caveat. Panels executed by accomplished artists may not be strictly decorative productions; yet as they do service in a wall, and bear a relation to general effect and ter to sustain its load when constructed proportion, they have an architectural of wood might be safely reduced onesignificance. The same may be said of half or two-thirds when constructed of works of sculpture executed for any iron, and the reduction would be econpurpose co-operative with architecture. omically a gain to the landlord. Cor-These are the kind of interior decora- responding reflections might be made tions that will live when wood interior with reference to every part of a buildhave crumbled and gone. But their ing. The great tensile strength of iron coming is delayed by the inflammable enables the builder to reserve mere figmaterial with which we are covering our walls. Our buildings are made so unsafe that it entails the risk of heavy loss when we undertake to decorate too expensively.

But, now, what shall be said with reference to iron as a building material? Were it only a question of the use of iron as a subsidiary material to take the place such columns and pilasters! The good of wood beams, and the like, very little genius of the designer of stone postbut good could be said, though we erns must have presided at their conshould be forced to deplore the fact that it is such an excellent conductor their execution. Indeed, to such an of heat. Restricted in its use, too, and excess is this reduction in material tastefully moulded, it is not altogether carried that men who profess to build to be condemned for window and door posts where the close grouping of windows and doors is thought architect-Then, again, the urally desirable. tornado exposed sections of the West merely an ugly frame work to hold should be able to find in iron something that can be anchored and held down when the winds blow. Iron may designed in ancient structures, has have its uses, certainly, and they are disappeared, and in its place we have many. thus far mainly structural; and as this and glass doors. article deals rather with the æsthetic than with the mechanical or engineering side of architecture the question at the head of the paragraph must be asked differently. What shall be said with reference to the æsthetic utility of contempt of architecture. As already iron as a building material? Put in these terms it will be possible to discuss they contain is hopelessly tasteless in the question in language sufficiently explicit, for if there was ever a building constructed in all its parts of iron Were our iron builders to study utility that was æsthetically good it was not only, and leave out their imitations of brought to the attention of the writer, architectural decorations true art would and he will hardly be expected to com- be greatly the gainer. It would no mend what he has not seen.

In the first place the temptation to with a further temptation, on account of the greater strength of the material, to magnify those vices. A post that needs to be four or six inches in diamements of wall faces between his apertures. It may be said, indeed, to have almost demolished the wall as an architectural feature in a majority of the examples to be observed along our urban thoroughfares, mere columns and pilasters offering all the support needed for the tallest façades. And ception and wrought industriously in of iron, or to build iron fronts, are building mainly of glass and using the iron as a foil to cover their deception. The iron parts of the building are the windows and glass doors in place. The wall, so elaborately and lovingly But its conceded merits are facades composed chiefly of windows

> Now this might be an advantage to architecture were we building conservatories; but as we are building nothing of the sort for mercantile uses our iron fronts are constructed in suggested even the little of iron that design, conceived in a spirit on a level with only the lowest of decorative art. longer be caricatured, and the mis-

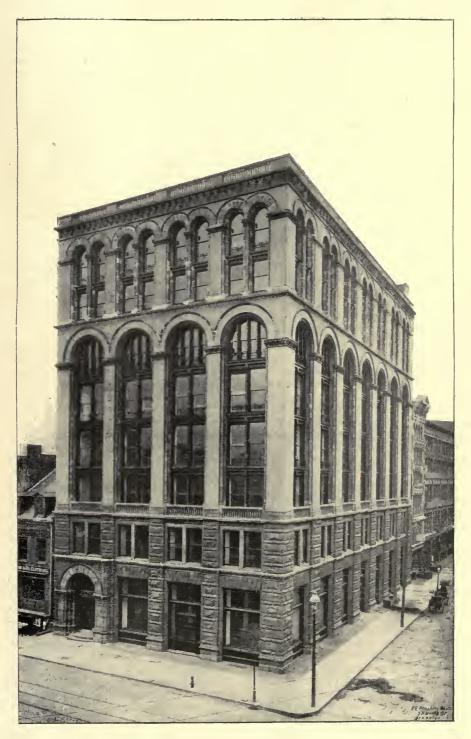


Lafayette place, New York City.

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DE VINNE PRESS BUILDING. (See page 148.)

Babb, Cook & Willard, Architects,



SCHERMERHORN BUILDING, Broadway and 4th st., New York City. (See page 148.)

Geo. B. Post, Architect.

chievous influences of caricatures on give it an advantage after the lumber popular taste would be withdrawn.

complete condemnation of iron as a into those decorative forms which are building material for anything more thought pretty in cottage architecture. than structural use in places where it is entirely hidden from view. But it is which is hardly fair dealing. not intended that the condemnation iron can enter the field as a comshall be so sweeping. It may be that architect for iron buildings wood must be abandoned, the has not yet come. It may be that only we know for certainty. like the architect for wood buildings, he can never come and bring a head teriors in building or for visible infull of very grand ideas. equally with wood unsuitable for the ence on the architectural developexpression of the highest æsthetic ment of the period. We even observe sentiment, and this stricture must re- a disposition among architects who main valid even when it is fashioned into a mere imitation of the forms of ures to give more space to apertures brick and stone. Conceive of the Equitable Life Insurance Building transformed in its interior from its costly colored marbles and polished stone into an iron finish decorated by the house painter and gilder after this conception, we may have some idea of the hopeless inferiority of iron as a material suitable for the representation of the beautiful. But it is idle to make any conjectures on the possibilities of iron when an attempt is made to fashion it in imitation of brick and stone. No. conscientious architect would make the attempt, and were it made only the coarser forms of the models could be imitated. But may not iron, after all, have something higher than a merely structural place in the building of the future? It will not be worth while to ask if it can have a higher place in the failures, greatly deplored by architects, strictly æsthetic building of the future, because the question has been answered negatively in the context.

There can be little question but that iron could be made an available building material for cottages of the class that are now built of wood, and were it market on plans made in advance are not for the greater cost we should long the only men who are quite free to folsince have seen it largely made a sub- low their own tastes and suggestions. stitute for wood in this kind of construction. when the cost will be more nearly architect must have studied his profesequalized, and then, in the language of sion to very little purpose if he does the athlete iron may have its inning. not know better than any layman the The processess of its manufacture are best use that can be made of the much cheaper than the processes for resources at hand. Exceptional cases manufacturing wood, and this would may be found in the construction of

forests have disappeared. It is more What has been said may sound like a flexible than wood, too, for moulding

But, this is a speculation in futures Before petitor for cottage building contracts, This The use of iron as a material for ex-Iron is teriors has had a mischievous influmake plans for brick and stone structand less to wall face than was thought either tasteful or prudent a few years ago, and this practice does not represent an architectural advantage. It is a sign rather of corruption and decadence.

> We find, then, in want of resources and the use of bad material the first two causes for bad architecture. They should be sufficient without any supplementary influences to account for the greater part of the unsatisfactory building that we see whenever we walk along the streets for a distance, even no greater than the length of a block. But there are other causes, some of which are also moral and structural, and then, again, there are still other causes that are purely æsthetic.

A common cause for architectural is the interference with their plans on the part of building landlords. Much that is unsightly in design and defective in arrangement is directly charged to this interference; and it is probable that the architects who build for the It will hardly be worth while to say But the day may come that it is a very foolish practice. An

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buildings, where special needs which times each day, and the eye cannot no architect could be expected to thor- help but rest on his ugly structures. oughly comprehend must be met. But a building landlord who would interfere with an architect for the purpose of securing greater convenience in his training in their profession. The archidwelling, or for any modification of its tects who conceive decorative art to be architectural appearance, shows more self-confidence than good judgment. Yet it would probably be useless to enter any protest against this practice of interference. Architects are just as indeed, the worse will be their achieveplenty as employing landlords; and ments. An architect with the United were any one of the designated frater- States' Treasury at his back built the nity to set himself too vigorously New York Post-office. It is easy to against the intelligent dictation of his expend millions on work that will only patron he might be discharged for a conceited coxcomb The alternative cognomen for conceited coxcomb might A thoroughly trained and meritorious be blockhead. The architect might be arraigned for a stupid fellow on account one hundred thousand dollars than a of his inability to appreciate a good idea when it is offered gratuitously.

But not all the bad architecture is due either to the poverty of resources, defective building material, or divided counsels. There are a great many bad architects just as there are bad painters, bad sculptors, bad poets, and bad musicians; and it is our misfortune that the bad architect has the power of placing his work so conspicuously before our vision that we cannot fail to observe it no matter how persistently we try to close our eyes. To the studio of the bad painter we need not go, and Parthenon. The productions of men of the chances are that his work will not get into the houses of any of our friends if we keep good company. The But the very word supereminent means bad sculptor is somewhat more obtrusive. He may even drive us from the mall in Central Park if we seek to pass imitators and copyists rather than the beyond the ideal Shakespeare at creators of fine combinations. Yet they the entrance. But he can compel only a slight detour when we the misshapen wish to escape images that he occasionally finds an lows that their works are not contribuopportunity to set up. As to the bad tions to really æsthetic production. poet we need not read his works, and the bad musician, passing us with a by careful training the number of the blare, is rarely heard again. But the works of the bad architect are set up possible the operations of the uninalong highways which we may be forced structed and incompetent.

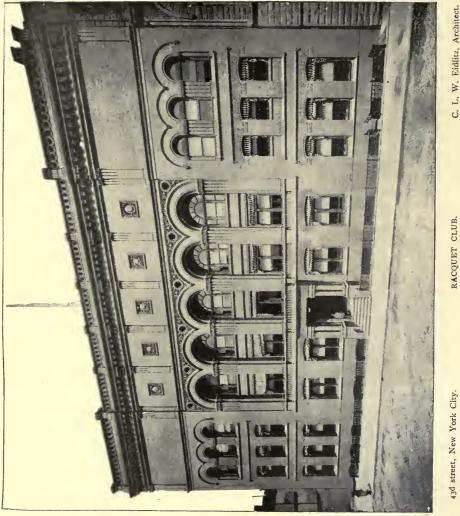
factories, and sometimes of mercantile to pass daily, and sometimes several

Again, there are many architects who are not altogether bad, but who lack comprehension and comprehensive the chief end of architecture are legion. and no amount of money placed in the hands of such men will ever secure good building. The larger their resources, help to make the decorative details a covering for architectural deformity. architect would do more for art with bad architect would do with all the money that could be put in his possession, unless, indeed, he had the good sense to employ the good architect to take charge of his work.

There are various causes, it will be seen, for bad architecture; and not the least disagreeable of the reflections suggested by this fact is raised by the certainty that men can never look to see it all banished from public view. Could we reconstruct Athens as it existed in the days of Pericles we should no doubt find many very ugly structures to one supereminent ability are the only works that live in either material or history. that the great mass of art producers are gifted only with mediocrity. They are have not even learned to use the rule and compass with any true estimate of their comprehensive utility, and it fol-

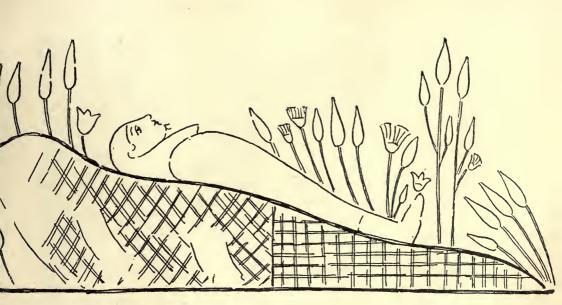
The best that we can do is to increase supereminent, and to curtail as far as





C. L. W. Eidlitz, Architect.

RACQUET CLUB. (See page 145.)



Detail from the Myth of Osiris, showing lotus.

THE GRAMMAR OF THE LOTUS."

AN ANSWER TO CRITICS.

Ι.



HAVE been requested by the editor of THE ARCHITECTURAL REC-ORD to prepare for his readers a summary of my conclu-

sions regarding the origin of classic ornament as recently published in my "Grammar of the Lotus."* Its expense, size, and technical form of presentation all tend to make this work somewhat difficult of access to readers who are not professional archæologists. Moreover, since its publication, I have been complimented by an extraordinary number of reviews, largely of a favorable character as regards the main features of the work, but in certain cases taking issue on important points, which require consideration and answer.

These reviews have been of great service to me, as making me aware of

those objections to my positions, which would naturally occur to non-specialists in general, and I have consequently undertaken to furnish in a series of papers a more popular presentation of my studies on the evolutions of the lotus, written out in such a way as to meet the objections which have been raised.

There is a great deal to be learned about my work from a summary of the verdicts passed upon it, and as far as these are known to me I shall mention or quote from a number of the more important. I should say that the main . thing to be gathered from this summary is that the facts presented were not previously very largely known to the gentlemen writing the reviews.

The New York Independent and the London Saturday Review have passed a verdict of wholesale condemnation. According to the Independent, my work belongs to "a class of studies in art which are unchecked by scientific

^{*&}quot; The Grammar of the Lotus—A new History of Classic Ornament as a Development of Sun Worship." Sampson Low, London; Dodd, Mead & Co., New York. Price, \$15.

principles and reach visionary results." According to the Boston *Literary World* "every chapter bears witness to the careful scholarship and the judicial spirit of the author." According to the *Saturday Review*, I have advanced "a collection of theories of the most novel



and amazing character that it has been our lot to encounter within a long time." According to Dr. E. B. Tylor, in the London Academy, "there is no question as to the solid value of his evidence on the development of ornamental design." According to the New York Independent, my knowledge of botany is at fault. "The sepals of the water-lilies of the Nile do not become reflexed and never did." According to the botanist employed to catalogue the ancient Egyptian specimens of the museum at Kew : "I have often seen the sepals of the white water-lily (Nymphæa Lotus) curl over when the flower is fading. . . . The blue waterlily (Nymphæa Cærulea) also curls in the same way." According to the New York Independent,* "one of the most unfortunate failures of Mr. Goodyear is his determination to make out the papyrus to be a lotus." According to Mr. Cecil Smith of the British Museum, in the London Graphic : "The papyrus, which has always been held up as the origin of much Egyptian ornament, is effectually disposed of." Dr. E. B Tylor, in the London Academy, also takes issue with my views on the papy-

According to the New York rus. Tribune : "Until it can be shown that the papyrus has a history of its own, covering all the gradations between copying from nature and a stage of conventionalism about as far removed from nature as anything on earth can be. Mr. Goodyear's argument will stand unshaken." Mr. Cecil Smith in the London Graphic accepts in bulk my views on the origin of Greek ornament as "a very useful contribution to art and archæology," but deplores the fact that I "have been led astray into the trackless waste of symbolism;" whereas the New York Nation says: "The theory that the lotus was a sun-symbol and that it carried its symbolism into the art of many countries is well sustained in the argument of the book." The New York Independent says that "throughout his work Mr. Goodyear employs a principle, almost a formula of argument, which is extremely fallacious and in most cases misleading." The New York Evening Post says that "the reasoning is close and acute . . the 'Grammar of the Lotus' is a notable contribution to literature, written with a tenacious grasp of its



Head-dress with solar disk, supported by the flower.

subject, with keenness of observation and clearness of statement." Dr. Tylor, in the London *Academy*, says that "the author's imagination fairly flies away with him" in the matter relating to the associations of the lotus with the solar

^{*} Review written by Professor Paine of the Metropolitan Museum of Art.

bird and solar deer. The New York Tribune says on this special point that "the testimony of the plates carries conviction with it." Dr. Tylor accepts unconditionally my view of the eggand-dart moulding, but appears to hesitate about the Ionic capital. The New York Christian Union says of the eggand-dart moulding: "We confess that we do not feel convinced," but remarks that "the evolution of the Egyptian lotus into the Ionic volute is conclusively and ingeniously made out." The New York Independent says of "the Ionic capital hyphothesis:" "His whole elaborate theory has absolutely nothing to rest upon;" and the Nation says: "The derivation must, we think, be accepted." The Christian Union and the Nation raise doubts about the rosette, but Dr. Tylor appears to consider my matter on the rosette the most important portion of the book : "The part of the book which strikes me as best, is that which treats of the Egyptian rosette." The Independent says of the voluted lotus on Cypriote pottery: "No amount of assertion that the Cypriote plant is a lotus will ever make it such," and the New York Critic says: "In the archaic art of Cyprus and the Ægean Islands he has, we think, fully established his position." In 1888 the Critic said of my theory of the Ionic volute: "It cannot be accepted at all." In 1892 the Critic said: "The egg-and-dart moulding, the Ionic capital, and the Greek anthemion may have been developed out of it " (viz., the lotus). The Nation says of my matter on the lotus in Ancient America that "the argument proves too much." The Tribune says that "Mr. Goodyear's remarks on lotus forms in America, including the Swastika, with the illustrations which he gives, will help to remove some prevalent notions about the spontaneous generation of folk-lore and myth."

The most serious charge of all has of barbaric or primitive man. In been brought against me by the *Inde*pendent. I have been accused of entering into a contention with the Bible on the subject of pomegranate ornament. alphabet. These are now known to "This new doctrine conflicts with the direct testimony of the Scriptures." I am not able at present to find any quo-

tation among other reviews which will clear me from this afflicting charge. I can only cite a passage in the *Christian Union* which proves that a religious Weekly has been guilty of the same dangerous heresy: "Perhaps the sacred lotus of the Nile suggested also the bells and pomegranates [of Solomon's Temple]. Certain it is that the lotus of conventional Egyptian art is bellshaped and the pomegranate of ecclesiastical art resembles the ovary of the lotus as it is bursting."

I think the above quotations will show that my critics are not entirely agreed among themselves, and when critics disagree I know of no refuge but the general public. The fact is that my positions are all intact, that in fifteen years all my main results will be accepted axioms of science. Meantime let us see what can be done toward a popular presentation of the subject. It is not only archæologists or professional specialists whose interests are involved. The whole question is one for all who are interested in the subject of Evolution and in the Darwinian Theory, and that is to say for most cultivated people of our day. I have personally found in Professor Youmans a most interested listener, and I believe that Anthropologists and students of natural history, from a Darwinian point of view, will find much to interest them in the history of pattern ornament. My elementary proposition is that primitive man naturally makes a picture before he makes a pattern. This proposition is supported by the fact that the spirited drawings of natural forms, on bone and ivory, of the Palæolithic Epoch, are the earliest designs known to the history of our race. According to my view, abstract or conventional patterns are evolutions from pictures. My proposition is that abstract or geometric patterns are, as such, initially foreign to the habits of barbaric or primitive man. In other words, I have asserted for conventional patterns what has been already proven for the letters of the alphabet. These are now known to

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peated hieroglyphic, arrested at the pictorial or symbolic stage of picture writing and preceding in natural order the evolution of the phonetic sign.

The importance of picture writing (which is really symbol writing) for primitive man is naturally overlooked by moderns who are not anthropologists; but it has been suggested by some evolutionists that writing by pictures even preceded the use of language as being a more natural means of primitive communication, and it is well known that the gestures which assist so much the speech of barbaric man, and which naturally would have preceded speech, are all pictorial in character.

II.

It is not unknown to persons of average culture that the Egyptian

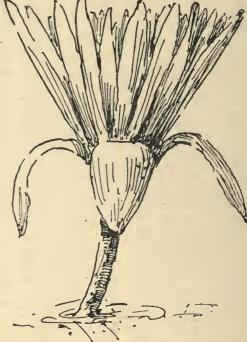
water-lily was a flower and plant of great vogue and popularity in the land of the It is a popular Nile. error, however, which I have noticed also in the expressions of professed critics to suppose that the plant grows in the river itself.* It is, moreover, as far as Egypt is concerned, a plant almost unknown by sight to modern travelers, for it is now confined to pools in the Nile Delta, a portion of the country not much visited by tourists. In ancient times it must have been common throughout the country and was undoubtedly artificially propagated as a food plant, for there

* See, for instance, my critic of the "New York Independent," June 16, 1892.

Egyptian Blue Lotus, from Nature, showing sepals curled over-



Egyptian Blue Lotus, from Nature, showing three sepal spikes.



known by the name of lotus, whose whom the lotus was not a symbol of seeds were used by the ancient Egyp- sun-worship and finally of divinity in tians for making bread.

seums, in the painted pictures of Egyp- were conceived as rising from a lotus. tian tombs and on the sculptured walls The pictures of Horus rising from the of the temple ruins that the great lotus (apparently seated on it) are vogue of the flower becomes apparent, familiar to every Egyptologist. and let it not be forgotten that all art know that the Egyptians conceived the in ancient Egypt was religious in use sun (and other heavenly bodies) to have and in significance. enamel amulets (or mystic charms) por or the watery eleplaced in the tombs the lotus makes a ment (a conception frequent appearance. cases it appears constantly. On the modern scientific thetomb ceilings of Thebes it is the ele- ories as to the origiment of many decorative patterns. In nally gaseous form of the temple of Denderah the wall sur- all matter). Plutarch face of every interior apartment is tells us that they paneled to the height of the waist painted Horus on the with patterns of the plant. Every col- water-lily to represent umn in the temple at Esneh is decor- this idea regarding ated in similar fashion. The Egyp- the birth of the sun tian capitals which represent the water- from moisture. lily flower and bud are familiar Brahmans have a simiillustrations.

The location of all the lotus orna- the symbolism of the ment above mentioned is sufficient lotus (see Blavatsky, proof of its religious meaning, but this "Isis Unveiled"), and meaning is also mentioned by many it is, moreover, the hieroglyphic texts and by several most noted religious Youthful Horrs on the classic authors. Moreover, this meaning symbol of the Budd-



The Lotus as mystic form or habitation of the departed spirit.

is familiar to Hin- hists. doo literature and he avoided conversation on the subject. There is a French Theosophist journal which is called Le Lotus.

The most generally recognized meaning of the lotus symbol is creative power or "life," an idea associated with resurrection and consequently with the tomb, but there are no peoples known, to whom this plant was sacred, who were not sun-worshippers, and

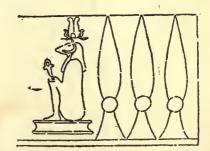
are two distinct water-lilies, both there are no such people known to general. Both the Hindoo god, Brah-It is in the Egyptian art of our mu- ma, and the Egyptian god, Horus, We Among the been evolved from va-

On mummy which reminds one of The lar theory regarding



Lotus.

At all events, both texts and religious Hindoo art, and it pictures inform us very explicitly as to is even known to the sacred character and meaning of the Theosophists the flower and its plant in Egypt, and of our own time. I have collected some of the obvious I once met a dis- cases of its association with acts of tinguished member worship; with Egyptian gods, and with of the sect to funereal rites or superstitions in the whom the symbol text-cuts herewith. The appearance was so sacred that of various birds, animals and reptiles



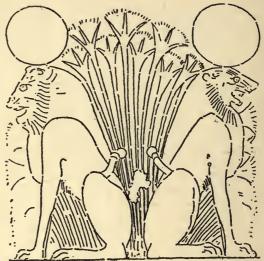
The Ram (God Khnoum) and the Lotus (buds).

THE GRAMMAR OF THE LOTUS.



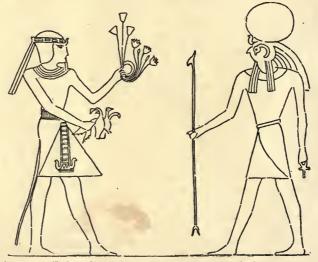
Osiris (the Sun in the lower world) before altar with Lotus.

in these illustrations deserves a word the son of Osiris. He is the sun of the



The Sun lions, Ra and Osiris, supporting solar disks in the Lotus bower.

of explanation, which may be extended day in general, but the dawning sun to include a mention of some leading and the rising sun more especially. deities of the Egyptian Pantheon. This is why he appears as youth or Osiris is the sun of the lower world infant. The winged sun-globe which during its supposed return beneath the surmounts the portal of every Egyptian earth to the dawn of a new day. Hence temple is another form of Horus. The he is peculiarly the god of this world wings of the globe are the wings of the of departed spirits, the god of the hawk, who was sacred to the sun on Resurrection and of the mummy. account of the swiftness of his flight Therefore we find him frequently in and of his shining eyes. Horus frethe guise of the mummy. Horus is quently has the head of a hawk, like

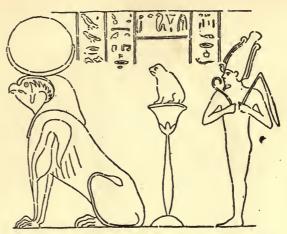


Tothmes III offering Lotuses and Geese to Ra (the Sun).

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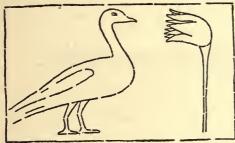
The Sun Hawk on Lotus.



The Frog (goddess Hek, Hyk, or Heka, and god Khnoum) on Lotus, with Osiris and Gryphon form of Horus.

same way. Horus also appears as a hawk entire, as a lion and human-headed lion or Sphinx, and as the gryphon forms was the fish; another was the combination of solar hawk and solar cow. Isis personifies the moon and lion. The goose is sacred to a god the fertility of the earth watered by the named Seb, styled the father of Osiris, Nile.

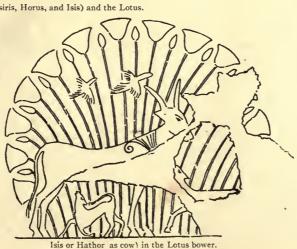
the sun-god Ra, who appears in the to Osiris himself, to Horus and to Isis. This goddess was the spouse of Osiris and mother of Horus. - One of her



The Goose Seb, Osiris, Horus, and Isis) and the Lotus.



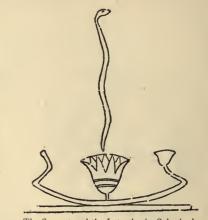
Fish (emblems of Isis) with Lotus.



I7I





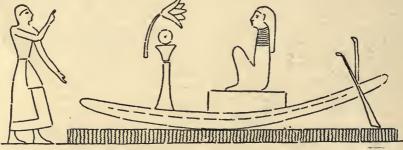


Bull with Lotus amulet.

The Asp and Lotus.

The Serpent and the Lotus in the Solar bark

The bull, lion, asp and serpent purpose. As regards the animal forms, were all sacred to various solar gods. it will be understood that they are in



The mummy and the Lotus, from the "Book of the Dead."

The gods Ammon and Khem are equivalents of Osiris. The ram is a form of Ammon, who appears also with the ram's head. Finally, we have the funereal significance of the lotus, as sign of immortality, illustrated in the quaint figures of the Genii of the Dead standing on the lotus, from a picture of the "Last Judgment"), and in the human head resting on the lotus. This design is found in illus-trated copies of the "Book of the Dead," and belongs to the chapter which relates to the lotus as one of the habitations of the blessed dead. We have also the mummy in its sacred barge confronting the water-lily. The god Toum is the setting sun and appears crowned with the lotus.

I have only specified the Egyptian deities whose own forms or equivalent sacred animals appear in my illustrations, but they are sufficient for my



Nefer-Toum (the setting sun) crowned with Lotus.

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every sense equivalents and representatives of the given deities. That these animals were originally themselves



Sphinxes and the Lotus.

totem gods is probable, but in the development of solar worship which the Egyptian religion had reached when first known to us they had all been assimilated with solar gods. Hence in each illustration specified the lotus is an equivalent and additional symbol of divinity in general, of the sun, of the resurrection and of creative power. All these ideas were interchangeable or present at one and the same time.

III.

I am not responsible for the great vogue of the lotus in ancient Egyptian ornament. The facts which I have proven for the history of Greek art have, however, an appearance of extreme improbability until this vogue is appreciated, and for the benefit of those who have no time to consult the folio publications of Egyptian antiquities it seems advisable to explain it. The following facts are elementary.

Oriental nations and barbaric nations do not make pictures unless they have a meaning to convey or an idea to express. Pictures for the sake of the picture itself as a "work of art" are unknown to them. Orientalists are well aware that all the so-called decorative art and decorative patterns of Chinese, Japanese and Hindoo art are connected with religious or symbolizing uses and originally derived from pictures. The facts about primitive or Oriental humanity which we so clumsily express to ourselves by the word "symbolism,"

simply go back to pictorial methods of expression which are natural and necessary to peoples which did not know printing, to whom literary expression was foreign, clumsy, or difficult, and whose imagination was child-like and vivid. To the savage and the primitive man the picture or image has a magical quality.* There is not one line on the most ordinary piece of Zuni pottery which has not magical significance to the maker. The picture or image is supposed to retain the qualities and the powers of the original. + We have the authority of Maspero for the assertion that in Egypt every picture painted on a piece of furniture, a utensil, or the wall of a house, was a talisman endowing the object with the mystic power of the original. We must then for the moment move back from the picture to the original—that is, to the phenomena of fetichism.

Animals and plants are to primitive man mysterious and magical creatures - gods or the dwelling places of and furthermore gods, human endowed with intelligence The plant is not less a and faculties. living thing than the animal[†], may therefore like the animal be a dwelling place of a god, or of a transmigrated man§ who is or may be himself a god.

Given the above elementary facts and we understand why an Egyptian museum is a collection of mummied cats, of wooden hawks, of small bronze bulls and of porcelain beetles. Among the various forms of life conceived as habitations, counterparts and repre-sentatives of divine power, the waterlily was to Egypt of peculiar importance, and its picture or simulacrum, according to principles stated, carried with itself the mystic power of the plant it-The fertilizing power of the self. Nile water and of its slime was the most important fact in Egyptian daily life, and therefore in Egyptian Cosmogony. All created things were con-

^{*}See Frazer's "Golden Bough."

*[†]*Hence the magical use of small images of persons who are tortured or killed through the image—an art known to the negroes and to the Middle Age.

^{*}Frazer's "Golden Boughs."

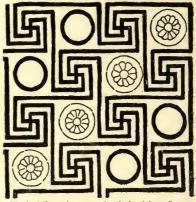
^{\$}See Frazer's account of the Turtle clan among the Zunis.

ceived to be an offspring of this primeval slime or of its watery basis, and the lotus was "the flower which was in the Beginning, the glorious lily of the great water." The sun, which was worshiped as the greatest of gods, was also believed to be an emanation of moisture. Therefore, the water-lily was its counterpart, its sacred flower, its divine sign-laid on the altar of every god, given to the guest at the funeral, buried with the mummy, painted on the tomb, carved on the temple. It is not I, but the Egyptian, who was the monomaniac, the enthusiast, and the man of one-idea. For my own part I have several.

All this, it may be said, that you have told us is an argument that destroys itself. The lotus was great but it was not almighty; were there then no pictures of lions, or of asps, no images of beetles? Were there no other sacred plants ? How, then, can the lotus alone be the basis of all Egyptian decorative art and the pattern of all the forms of Greek ornament. To this I should answer that I have never asserted all Egyptian patterns or all Greek patterns to be derived from the lotus, although this has been supposed by several published criticisms. I have proven, or attempted to prove, that certain patterns are lotus derivatives, but I have left it to my critics to specify the origin of those patterns which I have omitted to mention. In my book I have made no general assertions denying the existence of patterns not derived from the lotus. There is in my book no summary of facts to be proven and no recapitulation of conclusions drawn. Each chapter stands by itself and each chapter has a different topic. It may appear that when the volute, spiral scroll, concentric



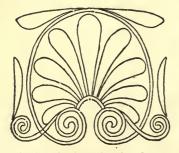
Ionic capital derived from Lotus.



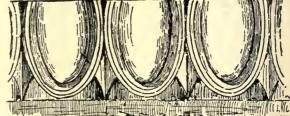
Typical Egyptian meander derived from Lotus.



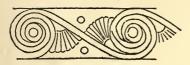
Spiral Scroll derived from Lotus.



Greek Anthemion derived from Lotus.



Egg and dart moulding derived from Lotus.



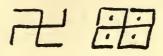
Egyptian tomb spiral.

rings, meander, rosette, "honeysuckle," "ivy-leaf," and egg-and-dart moulding, have been specified—there is not much left—but this is not my fault. It is the limitation of Greek art, not I, that is to blame.

The odd thing is that I could have reviewed myself much better in an adverse sense than any of the critics who have antagonized a position I have not taken; supposing that I had taken it. Some of my reviewers appear to have been limited in their knowledge of Greek and Egyptian ornament to the that they offer a very strong argument patterns described and illustrated by my book. Regarding prehistoric ornament itations also appear to be unknown to in general (Ancient American, Polynesian, etc.,) the following passage will be found in the "Grammar of the Lotus" (p. 373): "It is by no means assumed that the naturalism which invaded ancient ornamental art as early as the fourth century B. C. has not had also an influence of a widespread character. Nor is it assumed that a Dyak, for instance, does not, from his own motion, supplement the patterns which have been in question, by others drawn from naturalistic instinct or his own peculiar symbolisms. The position taken is simply that the civilization which first perfected pattern ornament had so high a degree of development in very early times, as compared with any other, that it has insensibly affected all, first by its civilization, second by the patterns which went with it. It is a matter of historic fact which is in question, a matter of fact to which the history of the alphabet offers surprising analogies and which the history of the alphabet



Melian spiral scroll.



Swastika diagrams.

spiral scroll and the meander (of which I have proven the Swastika to be a section). It is true that these are practically the only patterns of Prehistoric Europe, but here again the limitation is not one for which I am responsible. If I were to assert that all known liqueurs are made in Europe, it is no argument to reply that the assertion is improbable because whiskey is made in America. The fact is that the limitations of conventional pattern ornament are of so peculiar a nature in behalf of my positions, but these limmy adverse critics, and it is useless to ask them to account for a fact of which they are ignorant.

To return to my demonstrations for Greek ornament, I will again admit that the Ionic form, spiral scroll, meander, rosette, anthemion, "ivy leaf," and egg-and-dart patterns (with its variants), cover most of the ground, and I am positive that in fifteen years there will not be found one archæologist who will not admit that they are all lotus derivatives-but there are two points to be made here against my adverse critics. First-the limitation of Greek ornament to certain elementary forms, from which all others are evolutions, is a very peculiar fact, demanding an explanation, which explanation has not previously been offered. Second, not one of my adverse critics has brought me to book for my omission of the so-called " acanthus leaf " from the list of Greek patterns-no one of the persons assuming that I had claimed all Greek patterns to be lotuses in derivation has largely explains." In the discussion of called attention to the profusion of prehistoric and (sup- these "acanthus" patterns 'in later posed) barbaric orna- Greek ornament. This was about the ment I have confined only criticism that I expected on my myself to four pat- chapters for Greek art, and it is the terns - the chevron, only really serious one that could be concentric rings, the offered. I omitted the "acanthus"

from the "Grammar of the Lotus" be- subject of patterns-or, in other words, cause I did not reach a satisfactory so- that they did not know much and what lution until the work was in press. will now announce the apparently impossible fact that the evolution of the acanthus motive was by way of the egg-and-dart pattern and I will furnish the demonstration in another paper. I bolic use in Egyptian ornament, how omitted the Corinthian capital from can we account for the exclusion of my work because no solution of its other symbols from pattern ornament. problem which does not include the Answer first-other symbols were not acanthus would be satisfactory, and I excluded, although they were not will say here that various suggestions nearly as common and none of them that the Corinthian capital is a lotus derivative, which have been made by other students,* must be considered premature until my acanthus demonstration has been published.

I have apparently moved away from a point to which I am really returning. It has been assumed by some critics fish, hawk, goose, ibis, vulture, heron, that I have announced the lotus as the cynocephalus, jackal, dog, scorpion basis of all Egyptian patterns.[†] Now I have not announced the lotus as the basis of any pattern which has not been published in my book. There are a number of diaper patterns which I have not published, although many or most of them might be included as lotus derivatives by a person willing to carry assertion further than proof, which person I am not. Yet no one of those assuming me to have taken a position I of a beetle as represented with closed have not taken, has used as an argument against me the existence of the star pattern in Egyptian ceilings, which It is oval above and flat below and can be is positively not a lotus. No one has moulded easily. These amulets are specified against my assumed position the ceiling pattern of grape bunches and vine leaves at Thebes. Furthermore, no one has urged against my assumed position that patterns of "anks" and "tats" are fairly frequent in Egyptian art and projected asp patterns very frequent. From which I argue two things-that some reviewers have not read my book very carefully and that they were willing to accuse cases. In other cases-for instance, me of being an extremist without knowing themselves much about the

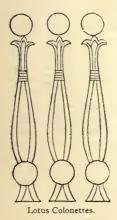
I they did know they learned from me in too great a hurry.

Now I am prepared to come back to the initial objection. Admitted the significance of the lotus and its symare known to have influenced the Greeks or the prehistoric nations.

I will pose a second answer by putting another question to my assumed antagonist. Why is it that when the lion, bull, ram, cow, serpent, asp, cat, crocodile, ichneumon, ibex, gazelle, and beetle (scarabæus) were all solar or divine animals, representing deities whose worship was more or less equally popular in Egypt-that the enameled clay and stone amulets of the scarabæus outnumber the enameled clay amulets of the other animals named all added together by the proportion of about ten thousand to one. One answer certainly is that the form wings can be fairly copied in enameled clay without any mechanical difficulty. very small and it is much more difficult to make a small clay lion, hawk or bull, and the object would be much more fragile when made. Then, in the next place, the Egyptians were extremely conservative and absolutely tied down by tradition. They never did anything which they were not in the habit of doing, to put the matter in an Irish way. This answer appears sufficient in most the fish—we are able to say definitely that the symbol had not nearly as great a vogue. On the other hand, the beetle is almost, if not absolutely, unknown in bronze, in which material most of the animals above named are very frequent. Scarabs are unknown in wood and so are serpents and lions. Wooden hawks are very common. Now to give an

^{*}For instance, by my reviewer of the New York "Na-tion," and by Professor Allan Marquand, of Princeton.

^{*}For instance, by the New York "Critic," which in general passed a very favorable verdict on my work—" It is not too much to say that Mr. Goodyear has put a new complexion on the whole subject "—and by the New York "Nation," whose notice was highly complimentary in all ensus although gravitationing a number of mu spoit or senses, although questioning a number of my positions.





Isis crowned with Lotus.

Solar Disk on Lotus.

The Genii of Amenti on the Lotus.

explanation is not always possible but worship when in other respects they the fact is there. And the fact is; as were less obviously Egyptian, this again small amulets (amulets proper) are must point to the fact that a foreign largely confined to enameled clay; influence is most apparent in what was that the scarabæus is the typical Egyp- most peculiar to the race having the tian amulet for animal forms. It may influence-or else the fact again points easily be conceded that its vogue was to an earlier community of race. Now, also much greater. (It was especially an in the case of the lotus for surface patemblem of the god Ptah of Memphis). Now what holds of the scarabæus in amulets, the fact is there, explain it as amulets holds of the lotus in surface you will, that its ascendancy as repatterns, but to an enormously greater gards amount of use and repetition is degree. The lotus was not only an simply phenomenal. emblem of one god, but it was an emblem of all. It is found also as the serve. I have observed that some counterpart and equivalent of every sacred animal mentioned, which again enormously increases its ascendancy or repetition. It also appears on nearly fact, namely, of indefinite repetition. all pictured altars of offerings, however An artist would scarcely attempt an varied the other offerings may be. To indefinite repetition of pictures of lions explain the general frequency of the orrams; the effort is too laborious, belotus picture we may suggest also that cause the picture is too complicated. it was a fetich of greater antiquity or On the other hand, the repetition of greater popularity than most. it was more popular is certain, and it or lotus rosettes is easy. Patterns has been a symbol with nations like the grow : they are not made; and they Hindoos and Japanese, which in other grow from what is repeated. respects show no trace of Egyptian in- question may then be raised, why not fluence. This points either to a high other flowers and plants beside the loantiquity of lotus fetichism with a race tus? I answer, that is the affair of the from which both Hindoos and Egyp- Egyptian priests, not mine-invent tians sprang, or else it points to an in- your own explanation. If you care to fluence of Egypt on Hindoostan by way accept mine, here it is. of Assyria and Assyrian lotus patterns. In either case the resulting argument which was as significant or as sacred is the same. If the Phenicians and as the water-lily (the reasons for this Assyrians show so many traces of lotus significance have been mentioned), and

tern, as in the case of the scarab for

But the main point appears yet in repeople do not sufficiently consider what fact is involved in the distinction between a picture and a pattern-the That lotus flowers, lotus buds, lotus leaves, The There does not appear to have been any plant

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that was not significant and sacred.

New York Nation says: "We see in their ornament, for instance, a variety of campaniform flowers, of very dis- *always* selected a "campaniform tinct types, carefully discriminated. flower." Are there not many flowers of campaniform flowers, of very dis-They had undoubtedly a great variety of such flowers before their eyes in na- is there are only two types of "cam-ture, and while they gave the lotus paniform flower" in Egyptian ornapre-eminence it is easier to believe that ment; not a great variety. One type they took their decorative material is the natural lotus, with various conwhere they found it than that they laboriously travestied their sacred symbol the outline copy of a lotus amulet made of into such various and uncharacteristic hard material (the so-called papyrus) forms as are ascribed to it." It is the with conventional evolutions. theory and habit of modern decorative art with which the reviewer has here hieroglyphic texts we find next in immentally endowed the Egyptians in his own fancy. This use of "decorative —the Persea tree. Isis in the Persea material" so natural to us and so mat- tree is a common thing in Egyptian ter-of-course to the mind of a modern art, but we find no pattern of Persea reviewer was foreign to their stern and trees or of details of Persea trees in solemn fancy. The Egyptians did not Egyptian ornament. "decorate"-they painted talismans. Before we can invent or suggest a bo- the papyrus. Of this it may be said tanical original for any Egyptian conventional form of flower, campaniform or otherwise, we must have texts and religious documents to prove that this flower had a divine meaning, or else rus form which has not been called a we must have the flower in an unmistakable realistic pictorial appearance will deal with the "papyrus" at some in a divine association. Now this cannot be shown for any *flower* but the lo- that if I know little about it others tus. In the next place, the Egyptians know less. Extinct to-day in Egypt, it did not "laboriously travesty" any- is unknown to Egyptologists by perthing. A conventional decorative art sonal vision. In the year 1854 only one taught by theory has never existed before the decorative art craze. All conventional departures from nature in historic ornament are the result of copying copies hastily with, or on, tractable materials-or they are the day by Webster's Dictionary and by the result of rapid indication, subsequently Encyclopædia Britannica. misunderstood by artists using a pictorial symbol without reference to na- to the criticisms of various reviewers ture. (In the case of the egg-and-dart not to "best" them or even to vindicate moulding the empty space between the myself, which is not the affair of the flowers became the element of the public, but because the objections of pattern.) For a thousand years By- the reviewers clearly suggest difficulties zantine art never looked at a human which will occur to the public in genfigure to copy it. It copied a tradi- eral. It appears, for instance, to the tional type of picture. Egyptian art reviewer of the Critic that I have can only be understood and studied in included all Egyptian patterns in my the same sense. The whole assump- work: "We cannot agree with him in tion that the Egyptians went to nature assuming that it was the sole origin of

nothing was tolerated in Egyptian art is erroneous-they went to tradition. Finally, I should turn the tables on From a contrary point of view the my reviewer by asking why the Egyptians who had "a great variety of flowers before their eyes in nature" which are not campaniform? The fact ventional evolutions—the other type is

> If we appeal to pictorial art or to portance to the lotus as a divine plant

> There still remains the question of that there is not one case in Egyptian art of a pattern formed of realistic papyrus. There is not one case in Egyptian *ornament* of a so-called papylotus by some Egyptologist. But I other time. It is enough to say now correct modern picture of the realistic papyrus had ever been published. That picture was made in the eighteenth century for Bruce's "Travels," and that is the original of the picture used to-

I have devoted this much attention

every sort of pattern, even in Egypt." Now this overlooks the point that I have proven the "pot-hook" of North



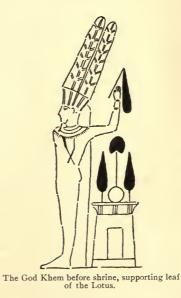
King Amenophis III. offering Lotuses to the God Amon.

European prehistoric ornament to be evolved from the goose. The fact is really that the conventional ornaments I have described do include the elementary forms of nearly all the purely conventional patterns of the later civilized world; but this is because our own conventional art is of classical derivation. Probably there is not a single form of typical ornament in classical art which cannot be traced to the lotus. but I have not said so in my book. As already stated, the ornaments of the "bronze culture" of prehistoric Europe are very limited in number. That they all have Egyptian counterparts is indisputable, and that they came from Egypt with the arts of metal to the Stone Age of the North is my assertion. That normal lotus forms together with the meander, chevron, concentric rings and spiral scroll, as found in ancient American art, are de- fixion of Christ is not found in the rived from Mediterranean art is also earliest Christian art, and that it is

that Dyak or Zuni ornament have no other elements.

In the very appreciative review in the Nation I also find a similar passage misstating my position as to Egyptian ornament: "It is incredible that the Egyptian having once accepted that plant (viz., the lotus) as the symbol of his deity and luminary, and used it for ornament, never admitted any other, never associated with it a single line of his own fancy or from any of the myriad natural or geometric forms that were forever under his eyes, but in the slow course of centuries developed all his great store of decorative forms out of this single flower." The fact is mainly that he did this incredible thing, but not in such an incredible way as to make it incredible.

It is incredible that a school of independent landscape painting was unknown to history until two hundred years ago. It is incredible that, since antiquity, landscapes were only found as the backgrounds of religious paintings until the fifteenth century; only found as the backgrounds of classical and religious paintings until the seventeenth century. It is incredible that the cruci-



my assertion-but I have not asserted omitted from one mosaic series where

every other event of the Passion is to outweigh some of the most absorepresented. It is incredible that the lutely conclusive proofs which were whole sixteenth century, all over ever put on paper. The Nation says : Europe, abandoned its Gothic natural- "This bold thesis is maintained with ism for a return to classic conventional- great acuteness and range of eviism without reference to surrounding dence and with an opulence of citation nature in its pattern ornament. But from other authorities, and especially these are all facts, however incredible. from examples of the early art of all To the eighteenth century it was in- countries, that surprises the reader and credible that the Furies of Greek art at times almost takes his breath away are placid and beautiful figures, or that . . . the recurved petals of the lotus the Rondanini Medusa was evolved are shown to produce the Ionic flower, from the type of the Gorgon of the flower begets the volute, the volute Palermo. there are certain Egyptian patterns centric rings. which I have not published, and I have gents to the rings produces the curasserted nothing of any pattern that I vilinear meander,* the meander the have not published. The main fact fret, the fret the Swastika; and the remains that Egyptian and classic argument is persuasive at every point." ornamental art are very curiously limited, and that I have been held responsible in some quarters for the character and religion of the ancient Egyptians, which explain this limitation. It is so much easier to correct a modern author than it is to understand an ancient nation.

Still debating this question of the limitation of ancient ornament, let me turn again to the topic of Greek art. It may be said : "If the star pattern, the ankh pattern, the tat pattern, and a pattern of grape bunches and vine leaves are found in Egypt, how do you lications from which I have culled a know that they were not found in Greek art." I answer-possibly they may have been or were so found. Ι have asserted nothing except for the patterns published in my book. I have found that I have given the average critic credit for a knowledge which he does not possess regarding the patterns which I have not published. And still I am willing to admit that I have published most of the Egyptian and classic mention of my chapter on the Geopatterns and perhaps all the fundamen- metric lotuses of Cyprus, and yet that tal classic patterns except the "acanthus" which are known, and therefore tion. All my studies were inspired by I have entitled my book a "New History of Classic Ornament as a Development of Sun Worship."

IV.

This is a long introduction, but I have found the point of supposed absurdity, inherent improbability, etc.,

As I have already said, the scroll, the scroll the con-The addition of tan-But-now comes the but. "The argument is persuasive at every point," but "the argument proves too much." . . . In the "logic of probabilities the conclusion is weakened at each remove. It is not a chain which is as strong everywhere as its weakest link. The uncertainty is cumulative."

This may so appear to a student who has rapidly read through my book for the purpose of review, but it will so appear less and less to a student who, for a series of months or years, examines the monuments and the pubnumber of illustrations large for a book, but very small, considering the number of monuments and publications and the importance of the facts involved.

What is requisite for the professional archæologist is first and foremost a patient study of Cypriote vases. In spite of the length of many reviews given my book, I have not met one chapter is the key to the entire situathe problems of the Cypriote vases. The evolutions of ornament which they exhibit must be the initial education of the lotus expert. They stand midway between the art of the ancient East and the art of Greece. I have not

^{*} Argument not quite correctly stated; intention good Concentric rings were derived from rings with tangents rings with tangents from the spiral scroll.

made one discovery which was not in- lotus in the Egyptian art from which spired by them.

theory to prove or any definite end to attain. In July, 1887, I sat down to the most improbable of lotuses, it dewrite two pages for the American Journal of Archaology on the problem suggested by the pottery lotuses of through the Swastika. Cyprus. The result has been a work of four hundred royal quarto pages, accepted, I do not see where to draw containing thirteen hundred illustra- the line, and I would gladly have done tions. It is the logic of the evolution so to avoid the appearance of being an itself which has led me. Where I extremist. started most of my critics stand already. I have not found one review except that of the Independent which has antagonized my theory of the It will be observed that I have Ionic volute, and Dr. Tylor, who does aimed in this paper to meet general not seem thoroughly convinced, has not made his reputation in the field of classic art. My first observation on the lotiform origin of the Ionic volute was made in 1873, and I did not prove the point to my own satisfaction till 1887. The critics have done well who have reached the same conclusion through the study of a few plates of by the Nation, this is "the extreme probillustrations in a day or a month. But it has not been sufficiently considered what is involved in the theory mentation, and the fact that there is a of the Ionic spirals. Not only is there considerable number of forms so obphilosophically no line to be drawn be- vious and inevitable that it would be a tween one form of spiral and another, wonder if they were not nearly unibut the identity of the Ionic spiral with versal. In point of fact, as we all know, the spirals of the anthemion "honey- certain ones are practically universal, suckle" has already been proven by an- and are reinvented every time an unother archæologist (Dr. Joseph Thacher taught person tries to invent ornament; Clarke). Capital to be a lotus carries the anthe- rosette, we may fairly say, are found mion with it. I never yet have met a wherever a people have by practice despecialist in architecture, art, or archæ- veloped a system of ornament. Most ology, who did not immediately concede of these simple elements are found in the origin of the egg-and-dart mould- the ornament of every savage tribe ing, as soon as illustrated. The Chris- that has attained a little skill." As the tian Union critic is the only one who Christian Union puts it, "Children who expresses a doubt on this head. The never saw a lotus draw rosettes." Or, demonstrations for the rosette are so according to the Critic: "Given the conclusive that it is only a question of tools and an instinct for decoration, geoa little time and independent observa- metrical ornament will spontaneously tion. There is not much left in Greek ornament when these elements are disposed of. The "acanthus" evolutions tion whether or no I have proven my are all of a late period.

mit the spiral to be a lotus in Greek art have shared with the rest of the world invariably (a point which can be until I saw cause to think differently. proven to satiety) and deny it to be a First, they overlook the surroundings

this lotus ornament came. It is here I did not begin my studies with any that the argument from concentric rings applies—it fixes the solution. Itself monstrates the spiral scroll-just as the meander is proven a lotus evolution

When the Ionic volute has been once

V.

It will be observed that I have objections before offering subsequently special proofs, and I have acted on this principle, because it appears to me necessary to meet my critics before appealing to the public. The latter would otherwise distrust me.

From this point of view I have still an objection to meet. As very well stated ability that different nations were working out apart their own habits of orna-Whatever proves the Ionic others, such as the fret, meander and follow."

These assertions simply beg the ques-They restate the belief which points. Now comes the question, can we ad- has so far been universal, and which I

child draws rosettes who is blind, and that does not go back to nature by a every child, who sees, has seen rosettes series of conventional variations is before attempting to draw them. These one which has to be proven. More rosettes, in modern use which the than all, I challenge the assertion most child has seen are a direct tradi- distinctly that "most of these simple tional antiquity. Our own meanders are all rosette) are found in the ornaments of of classical origin and so are all our every savage tribe that has attained a spiral scrolls. Our trefoils and anthe- little skill." Within my observation mions are all a traditional inheritance the rosette is unknown to savage Afrifrom classical antiquity. Why should can ornament.* It is so little known we assert for savage nations a talent to Polynesia that I can only quote one and inventive capacity which we do case (viz., Samoa) in one individual innot put in practice ourselves? It ap- stance. The rosette is not common in . pears to me that critics who make these ancient American ornament. I know assertions have not studied the history it in stone carving (at the top of stone of Renaissance ornament, or have for- posts) at Labnah, but I do not know it gotten it, or that they are led astray by at Uxmal (where the *Nation* reviewer the artificial efforts to teach off-hand thinks he knows it). The rosette is conventional design to children which fairly common on Zuni vases. In all the have come into fashion since the decorative art craze and the discovery of Owen Jones that good historic orna- North European prehistoric ornament. ment has been mainly conventional. The meander is so rare in Polynesia, Since the decorative art movement we that I have never seen an instance; it have seen many diaper patterns on oilcloths and wall-papers which are a product of this new artificial training; but the conventional patterns of woodwork, metal-work and stone-carving, the traditional forms of trefoil, scroll, meander and anthemion are still the most prevalent, and they are traditional. There is not a spiral scroll ornament in the civilized world to-day that does not show Renaissance influence and origin, and down to 1850 there was not a conventional design in civilized countries that was not traditional. I reassert, then, that the inventive faculty boasted of, is not even found in modern artificial civilization. When we move back to the ment." This approximates to a state-Greeks it becomes a question of fact ment of my position, not as regards that, whatever the origin of the orna- art (although certain forms of ornament as regards nature, the ornaments ment are in question), not as regards themselves were all borrowed. nation which is conceded to have had a decidedly yes! My position is that supreme talent for decoration did not the first substantial step in civilization invent one elementary motive of its was the discovery of bronze, that this own ornament.

we continue to claim for savage tribes concentric rings and spiral scroll were a general faculty for inventing meanders, spiral scrolls and rosettes? I hold that the contention that savage

and facts of modern civilization. No tribes ever make an abstract pattern inheritance from classical elements (viz., the fret, meander and above cases I assert it to be derivative. The rosette is absolutely unknown to is unknown to savage Africa. My contention is that all forms of the spiral in Polynesia have moved from a Malay centre, and when we strike Malay ornament we stand on solid ground as regards the lotus. The Dyak (Malay) ornament is conclusive testimony and points to Hindoo or Phenician transmission.

To quote again from the Nation: "The argument amounts to the assertion that the art and religion of all the world and, therefore, almost necessarily the civilization, were the gift of a single people, transmitted in turn to every other, to the absolute denial of any other initiative or independent develop-The religion-but as regards civilizationdiscovery was made in Egypt, and that When these facts are conceded, shall the patterns of the chevron, meander,

^{*} It is found in the gold jewelry of the Ashantees, who also have the Swastika and the normal lotus.

⁺ It traveled from the south as far as Halstatt.

(TO BE CONTINUED.)

transmitted to the Stone Age of North-Greek ornament is Egyptian through-ern Europe with the arts of metal. out in elementary origin, and that the My position is that Ancient America particular elements of Egyptian design experienced influences of Mediterranean , which are known to have influenced

culture through Phenician voyages or otherwise. My position is that any of the patterns in question, as sparsely found in Polynesia, are traceable to Malay influence. My position is that

Wm. H. Goodyear.





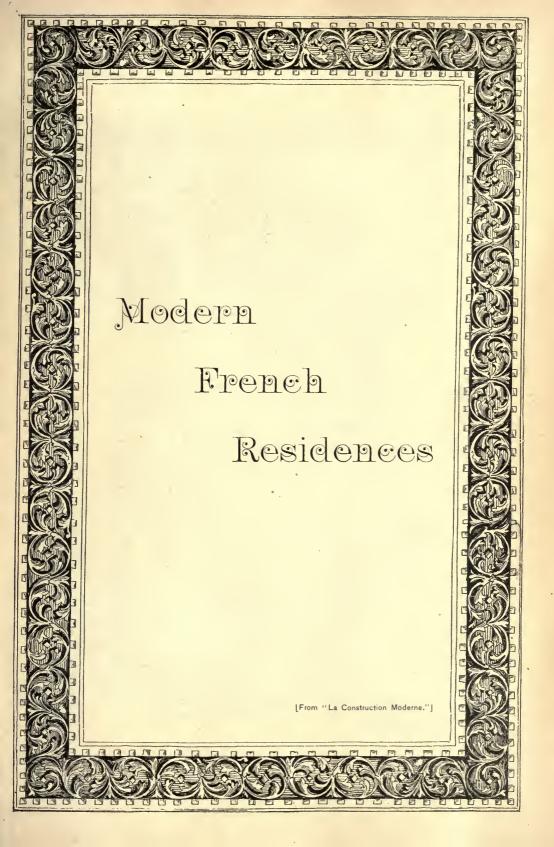
"WATCHMAN, WHAT OF THE NIGHT?"

- "WATCHMAN, what of the Night? What of the Night?" "No sign of Day, my Heart, no sign of Day. The wheeling stars drop down into the Night, And, for the coming of the light, my Heart, I pray."
 - "Watchman, what hearest thou? Some whisper stirred Within the vastness, like a summer air."
 - "No. No, my Heart, 't was thy own throb I heard ; This silence is God's voice, and I despair."
 - "Watchman, what hopest thou, of Joy, or Pain?""Oh! hush, my Heart, Hope is a thing so frail;I dare not think, lest Thought should prove Hope vain And rob Life of a light that burns so pale."

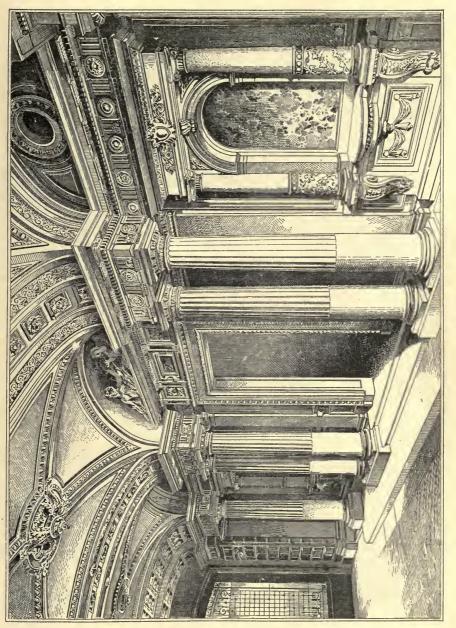
"Watchman, what thinkest thou: 'T were well to pray?" "I have sent a prayer, my Heart, beyond the Night; Dove-like, perchance, it may have reached God's Day, And yet may bring glad tokens of the light."

Harry W. Desmond.









HALLWAY.

Bois de Boulogne, Paris, France.



" M. F. Gaillard, Architect.

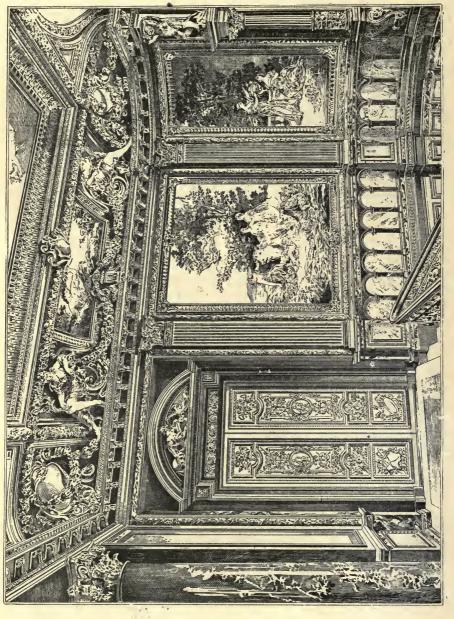
HALLWAY.



Bois de Boulogne, Paris, France.

GRAND STAIRCASE.

M. F. Gaillard, Architect.



M. F. Gaillard, Architect.

HALL-GALLERY.

Bois de Boulogne, Paris, France.

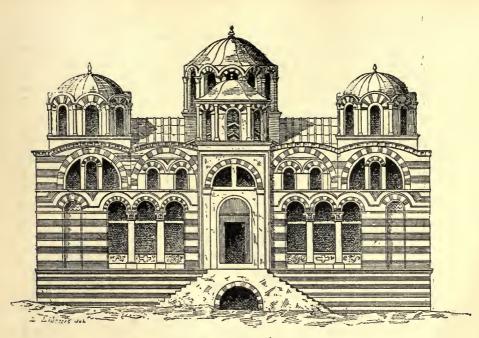


Bois de Boulogne, Paris, France.

M. F. Gaillard, Architect,



26 EXCHANGE . PL. .N.Y.CITY.



FACADE OF THE THÉOTOCOS.

Part III .--- SECULAR BYZANTINE.



S Constantinople was a Christian city as well as the seat of the lower Empire, we might expect that when it was taken by Mahomet the Second (May 29, 1453) all the national build-

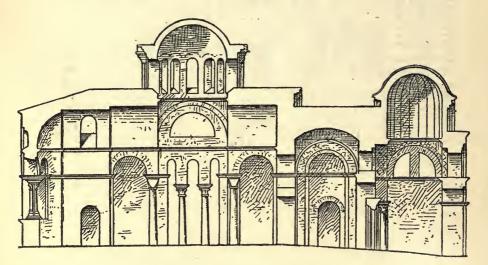
ings would be destroyed, and as Mahomet and his Turks were Mussulmans that, if nothing else were destroyed, the them, and to settle the question. churches would be; in fact most of the secular buildings were destroyed, but curiously enough the Christian churches were found to be so perfectly adapted to the Mussulman ritual, that a great number of them, including Sta. Sophia were converted into mosques, and the con- if the difference of climate were alone version they required was small, the to be taken into consideration. The altars, inconostases, and the ambos nearest approach we have to the Bywere removed, the Mihrab or Kibla was zantine palaces of Constantine's time is set out on the line of Mecca, which probably the Palace of Diocletian at

the Christian churches, and the step in front of the Kibla was put at right angles to it, which makes many believe that the churches are out of the square.

James Ferguson believed that many of the Turks were still housed in the old palaces; but, from domestic privacy being fanatically cherished by them, it is impossible for antiquaries to enter

The Marquis de Voguë has found ruins of churches, of secular public buildings, and of private houses in Central Syria; but their requirements must have been different from those of the Roman palaces at Constantinople, even rarely coincides with the orientation of Spalato; still there are plenty of dephyrogenitus. I am mainly indebted cathedral, he spared no expense to

scriptions in the Byzantine writers of Romans migrated to Byzantium; but, parts of the Imperial Palace at Con- on the contrary, the Byzantine emstantinople. As the Imperial Palace perors, who were mostly of barbarian was of great magnificence, I will give origin, tried to make up for the loss of you a description of it. Through the art by the lavish use of gold, silver, indefatigable industry of Labarte, par- enamel, and jewels. The Bulgarian ticulars were gathered by him from the peasant, Justinian, had a passion for Byzantine authors, and from these he costliness, not only in his own palace drew out a plan of it, as it existed and for his own court, but for churches in the tenth century, mainly from too, and the new Sta. Sophia having the description of Constantine Por- been built by him, and being the court



LONGITUDINAL SECTION OF THE THÉOTOCOS.

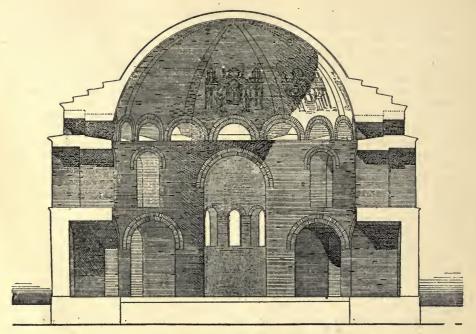
to him for the description. If this make it sumptuous; he had all the fitdescription were of no other use, it tings and furniture of the Bema made would at least enable you to com- of gold or solid silver, and this silver it would be incomprehensible. And with which it was decorated.

Up to a certain period, Rome had given the ideas of sumptuous decoration to the barbarians, and to this day certain words in general use bear tes-

prehend much of the doings of the Em- was mostly gilt. Procopius tells us perors at Constantinople, which without that 40,000 pounds weight of silver was given by Justinian for this purpose, and you will also hear of the magnificence he, the Empress, and the whole court and its attendants were clothed in equally sumptuous apparel. This latter taste, however, was antecedent to Justinian, for not to speak of the dresses of Diocletian and Constantine, we read timony to it. The oriel window was in Gibbon of the Emperor Julian calling the window to the golden parlor of the for a barber soon after his entrance monasteries, and these golden parlors into the imperial palace, when an officer were imitated from the gilded or gold- magnificently dressed presented himplated rooms of the imperial palace. self. "It is a barber," exclaimed the We know that as early as the days of prince, with affected surprise, "that I Horace, grand houses had ceilings of want, and not a receiver-general of the ivory and gold. These habits of mag- finances," and on questioning the barnificence were not given up when the ber he was told that, besides a

quisites he had a daily allowance for the palace of the chief chamberlain, twenty servants and as many horses. and, astonished at the splendid orna-The savage, and often naked, Arabs ments and pages and arms which they rapidly fell into this taste for costliness, there beheld, imagined that this was and even surpassed the originators, for the palace of the Khaleefeh; but what we read of the ambassadors of Con- they had seen here was eclipsed by stantine (the 7th) Porphyrogenitus, the what they beheld in the latter, where Artistic Emperor (916-959), visiting they were amazed by the sight of 38,the Caliph El-Muktedir (917-942) in 000 pieces of tapestry of gold-embroid-927, and being astonished at the mag- ered silk brocade, and 22,000 magnificence of his court. Lane, in his notes to the "Arabian Nights" gives the following account: "In the beginning of the year of the Flight, 305 hands of men; among them were 100 (June A.D. 927), two ambassadors from lions; each lion with its keeper. They the Roman Emperor (Constantine 7th, then entered the palace of the tree, in-Porphyrogenitus) arrived in Baghdad closing a pond, from which rose the on a mission to the Khaleefeh El- tree; this had eighteen branches, with Muktedir, bringing an abundance of leaves of various colors (being artificostly presents;" and the scenes which cial), and with birds of gold and silver, they witnessed are thus described, ap- of every variety of kind and size, parently, however, not without some perched upon its branches, so conexaggeration: "They were first received by the Wezeer, who, at the au- Thence they passed into the garden, dience which he granted to them in his in which were furniture and utensils garden palace, displayed on this occa- not to be enumerated; in the passages sion a degree of magnificence that had leading to it were suspended 10,000 never before been manifested by any of gilt coats of mail. Being at length his rank; pages, memlooks, and soldiers conducted before El-Muktedir, they crowded the avenues and courts of his found him seated on a couch of ebony, mansion, the apartments of which were inlaid with gold and silver, to the right hung with tapestry of the value of 30,- of which were hung nine necklaces of 000 deenárs; and the Wezeer himself jewels, and the like to the left, the was surrounded by generals and other jewels of which outshone the light of officers on his right and left, and behind his seat, when the two ambassadors approached him, dazzled by the from the Khaleefeh, with the interpresplendor that surrounded them, to beg ter. for an interview with the Khaleefeh. El-Muktedir, having appointed a day on which he would receive them, ordered that the courts, and passages, and avenues of his palace should be filled with armed men, and that all the was brought fifty thousand dirhems, apartments should be furnished with together with dresses and other presthe utmost magnificence. A hundred ents. It is added that the ambassadors and sixty thousand armed soldiers were arranged in ranks in the approach to called the street of the 'Menárehs,' in the palace; next to these were the which were a thousand menarets. It was pages of the closets, and chief eunuchs, at the hour of noon; and as they passed clad in silk, and with belts set with the muëddins from all these menárehs jewels, in number 7,000; 4,000 white chanted the call to prayer at the same and 3,000 black; there were also 700 time, so that the earth almost quaked chamberlains, and beautifully orna- at the sound, and the ambassadors mented boats of various kinds were were struck with fear." ("The Thouseen floating upon the Tigris, hard by. sand-and-One Nights," Lane, 3 vols.,

large salary and some valuable per- The two ambassadors passed first by ered silk brocade, and 22,000 magnificent carpets. Here also were two menageries of beasts, by nature wild, but tamed by art, and eating from the structed that each of them sang. day. The two ambassadors paused at the distance of about a hundred cubits Having left the presence, they were conducted through the palace, and were shown splendidly-caparisoned elephants, a giraffe, lynxes, and other They were then clad with beasts. robes of honor, and to each of them approached the palace through a street



SECTION OF ST. GEORGE, SALONICA.

of Baghdad.)

I give you this extract partly because the Imperial Palace as shown is of the date of Constantine Porphyrogenitus, and partly to show you that the rarities and ceremonials of palace were almost the Caliph's counterpart of those of the Byzantine Court. The Grand Triclinium of Magnaurus was built by Constantine the Great, and much resembled the great hall of Diocletian's Palace. It was used by the Emperors for the reception of Princes and Ambassadors, and was a vast hall formed into two aisles and a nave, by six columns on each side; at the end was a dais, reached by steps of green marble, with an apse at the back; two columns on each side of this apse supported curtains with which the end of the hall was draped.

"The Emperor was robed in the Imperial dress before mounting the throne, called the throne of Solomon, and all dered their predecessors had delicacy the Senators and grand dignitaries enough to prefer using new rooms were there assembled. The throne which did not remind them of their

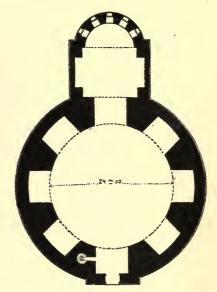
8vo., London, 1859. Note to the story was of gold, enriched with precious of the Second Lady of the Three Ladies stones. There were birds that warbled by ingenious mechanism; close to the throne there was an enormous cross of gold covered with precious stones; beneath it were placed the golden seats for the members of the Imperial family. At the bottom of the steps of the dais on which the throne was placed were two lions, which raised themselves on their paws and roared like real lions; not far from the throne golden trees bore on their branches birds of different sorts who imitated the harmonious song of the birds whose form they borrowed; a great organ, enriched with precious stones and enamels, was also placed there."

> The palace of the tenth century was built piecemeal. Constantine built his palace, which was largely added to by that great builder, Justinian; subsequent Emperors made additions, built new palaces, or new suites of apartments for themselves. We can easily understand that those who had mur

crimes. These additions were made less serpents, though one head is in the until a new palace was built at Blachernæ, on the Golden Horn, and the old palace was less and less used, until it was finally abandoned. Benjamin of Tudela, the Jewish Rabbi, who visited Constantinople in the twelfth century, only speaks of the palace at Blachernæ, and when Mahomet II. took Constantinople there were only the ruins of the old Imperial palace.

Constantine the Great, though professing Christianity, had not done away with the old Pagan worship, and was Baths, the Cathedral and the Palace only baptised on his death-bed by an Arian bishop. In the old Roman days religion was intimately connected with every act of life, and as the Christians increased in number and power they substituted the Christian worship for the Pagan, but kept up the old custom of associating it with every act of life, so that cathedrals, churches, baptisteries, chapels and oratories became as frequent as the old temples and shrines. You will find the Imperial Palace crowded with these new religious buildings. Eventually the Emperors, before they were crowned, had to make profession of the orthodox Christian faith, and as, in an ecclesiastical point of view, they were inferior persons to the Patriarch, they frequently had to attend public worship in the cathedral, and to have chapels and oratories at hand to say their prayers in. The bulk of the rooms on the south side of Sta. Sophia were mainly devoted to the Emperor's use. The hippodrome acted the part were joined together and really formed of the old Roman forum, where the people assembled and criticised the were dotted about the grounds and Emperor's ways, and the games were always presided over by the Emperor. The hippodrome begun by Septimius Severus was finished by Constantine the Great. It had a great influence begin with the Hippodrome and describe on Constantinople, for Constantine set the position and collocation of the parts. out his palace at right angles to it, and It had the form of the Roman circus, subsequently Sta. Sophia was set out only the triumphal gate at the south in the same way parallel with the end was obliged to be left out on acpalace. The hippodrome was once a count of the steepness of the ground. museum of art; the horses of St. Mark, It had four gates, two to the east and which were taken by Theodosius II. west, nearly opposite the south meta, from the Island of Chios, came from the southeast gate being called the Gate it, now nothing remains but the obelisk, of Death, for though Constantine had the bronze tripod of Delphi, with head- abolished the gladiatorial games, it

museum, and the built obelisk of Theodosius stripped of its brazen covering. The palace was not one building with an architectural front, but was a conglomeration of buildings, open areas, passages, baths, churches and oratories, stables and gardens. The main group consisted of three palaces, called the Chalce, the Daphne and the Sacred Palace ; this last is considered by many as the palace proper; but the Hippodrome, the Forum Augusteum, the



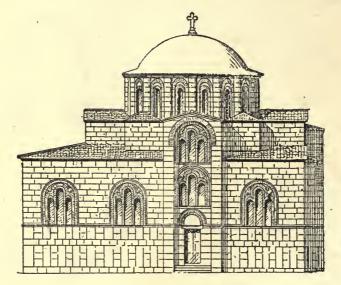
PLAN OF ST. GEORGE, SALONICA.

a sort of whole, while smaller palaces were called the Aetos, the Boucoléon, the Porphyry Palace and the Penta-coubouclon.

I think the simplest plan will be to

ensis was still used; it was originally new capital. To the south of the Chalce so called because the bodies of the was the Palace of Daphne, and to the slaughtered gladiators were taken out east of these two the Sacred Palace. through it; and two gates, also east The Palace of the Chalce was almost and west, at the north end, nearly in entirely rebuilt by Justinian after it a line with the platform in front of the had been burnt in the riots of the Nika, Emperor's throne. At the back, far- and was entered from the southwest ther north, was the Palace of the Ca- corner of the Forum Augusteum by an thisma, and beyond that the Baths of iron door; the Atrium ended at the Zeuxippus. The northeast angle of south by a hemicycle covered by a semithese baths touched the southwest angle dome. South of this was a domed hall, of the Forum Augusteum, a moderate- ending southwards with a smaller sized square, about 623 feet from east hemicycle. I here give you the de-

seems that the name of Porta Libitin- Empire by Constantine to adorn his



FAÇADE OF DAPHNE, NEAR ATHENS.

to west, by 460 feet from north to south, about the size of the Place Vendôme at Paris. a peristyle or cloister; on the south side it bounded the Palace of the Chalce; on the north Sta. Sophia, the Emperor's rooms, however, projecting into it; on Chalce; its four walls stand in a quadthe east it touched the face of the rangular form, and are very lofty; they Senate House, the Church of St. Mary are equal to one another in all respects, Chalcopratiana, and the front area of except that those on the north and south the grand Triclinium of Magnaurus; sides are a little shorter than the others. on the west side I know not what it In each angle of them stands a pier of touched, but on this side were the very well-wrought stone, reaching from chapels of St. Constantine and St. Mary the floor to the summit of the wall, of the Forum. This Forum of Augustus quadrangular in form and joining the contained most of the sculpture and wall on one of its sides; they do not in statues that had been taken from any way destroy the beauty of the place,

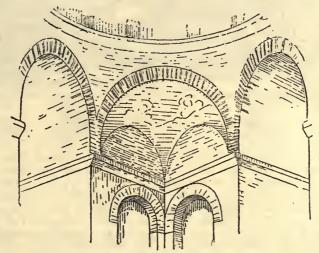
scription of it from Procopius (Lib. I., cap. 10):---" As, according to the pro-The Forum was surrounded by verb, we know the lion by his claw, so my readers will learn the magnificence of this palace from the entrance hall. This entrance hall is the building called the different provinces of the Roman but even add ornament to it by the

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symmetry of their position. them are suspended eight arches, four crown. At the side of it was a large of which support the roof, which rises dining-room where the Emperors dined above the whole work in a spherical the dignitaries on festivals; in front of form, whilst the others, two of which these four halls last mentioned was an rest on the neighboring wall towards open yard, about 65 feet wide, divided the south and two towards the north in the middle by a fence and gate, support the arched roof which is sus- called the curtains, through which pended over those spaces."

containing the tomb of the Emperor time of Basil the Macedonian (867-John Zimisces (969-976); to the north 886). At the back of this church was and east of this was the Noumera, used a passage that led into the Phiale of as a prison; from the vestibule to the the Sacred Palace, but by passing

Above the homage of the great officers of the the Emperor occasionally rode; it was From this vestibule to the westward prolonged up to the Church of Our you enter into the oratory of the Saviour Lord, the Royal Chapel, up to the



DAPHNE-INTERIOR OF THE CUPOLA.

east you entered through a splendid through the sacristy of the church one and that of the candidates, a cohort of wards served as a shelter for the Senaof this hall was a dome on eight col- on the Emperor at his palace; at the umns, under which was a great silver west corner of this was a staircase cross. Near it was the grand consist- by which a garden called Phiale was ory, which had three ivory doors. At entered; then came open courts with the end was the Emperor's throne, cov- peristyles; then the ancient chapel of ered by a cyborium, where he received St. Mary of Daphne; then the oratory

bronze door into the Triclinium of the entered the Heliacon, or open area of Scholars. They were a part of the the grand Triclinium of Magnaurus, Prætorian guard. At the southwest the splendors of which I have before end of this was the chapel of the described. On entering the Palace of Apostles; to the east of the Triclinium Daphne from the hippodrome by the of the Scholars was a passage and the door, you come into a large open court lychnos, where the Emperor received having a guard room called the porter's the homage of his servants and be- lodge in the southwest angle, and to stowed dignities on them; to the east the south of this was the covered of this was the Triclinium of the Ex- hippodrome of the palace originally cubitors, another band of Prætorians, used by the Emperors, but it afterthe Emperor's guard; at the west end tors' horses when the Senators waited

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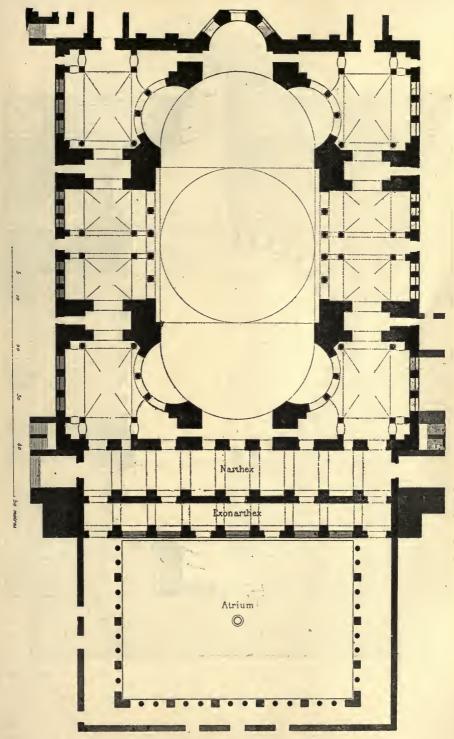


VIEW OF SANTA SOPHIA, CONSTANTINOPLE.

and a staircase leading into the Jus- be wheeled on carriages, which were tinianos; the Triclinum Augusteos was covered with purple, and they could a vast hall used for receiving the hom- only be lifted on to the tables by gilded ages of the functionaries, and was often leather ropes and pulleys; there were used for crowning the Empresses; be- two silver columns at the end, between yond was an octagonal hall and the which was the Emperor's throne. It Emperor's bedroom, where he left his was not only used for grand dinners, imperial robes and crown after attend- but for grand receptions; many of the ing service in state at Sta. Sophia; then Empresses were crowned here, and the a long open corridor or peristyle, which Cæsars were here installed. I may say led to the Church of St. Stephen, that that at the close of the old Roman preceded the platform of the Cathisma Empire, and during the continuance of Palace, and overlooked the race-course; the Lower Empire, the second of the from the windows of this church the joint Emperors was called Augustus, ladies of the court saw the races and and the heir to the throne, Cæsar. games. The Emperor Heraclius was For instance, Constantine was made crowned here, and it was used for cele- Cæsar by Galerius, but claimed to be brating the marriages of the Emperors. made Augustus; and the same dispute Above, to the north of this open took place between Constantius and corridor, and between the Palace of Julian. In this Triclinum of the Ninethe Chalce, were the remaining open teen Couches, deceased Emperors courts and chambers of the Palace of were laid in state. Daphne; the Grand Triclinum of Nineteen Couches; it was divided into semi-circular at both ends, and the three parts-the portico, the dining- mysterious phiale of the *tpinoyxos*, room and the bedroom. Here the or triple shell, its mysteriousness Emperor entertained guests at Christ- was probably owing to its acting as mas gold, and fruit was served in three meaning of the word phiale was a

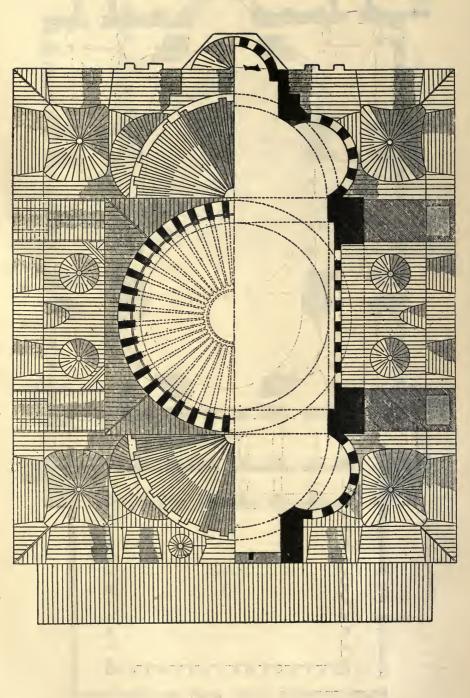
of the Holy Trinity, the baptistery gold vases, so heavy that they had to

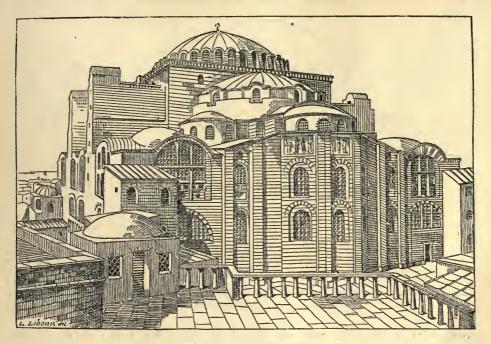
The Sacred Palace had an atrium All the plate used was of a whispering-gallery. The original



PLAN OF SANTA SOPHIA, CONSTANTINOPLE.

and a set of the set of the set

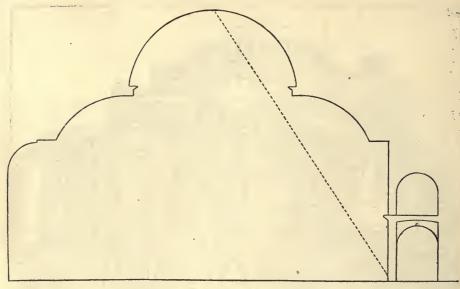




THE APSE OF SANTA SOPHIA.

but the word was afterwards used end two bronze lions' heads spouted for the flat basin of a fountain, and water into a vase, and in the middle then for any open space with a foun- was a little edifice of four columns tain in it. The triple shell applied to supporting a dome, under which the the half domes of the apses; there were Emperor's throne was placed when three apses. I believe xóy xos is used games went on in the courtyard; in when the inside of a squinch is hol- front of the throne was a balcony; lowed out like a shell. From the north to the north of this was the Tricside of this you entered into the Chapel linium Eros, used as a museum of of St. John and from the south side arms. From the south end was entered into the baths; in the parts behind the a room called Triclinium Pyxites, used hemicycle was a guard-house and a as a vestry by the clergy of the palace. door to the under part of the terrace of The two side doors that led into the Daphne. There was also a door into the triple shell were of bronze, the middle hemicycle, a door to the under-portico one of silver. The room itself, the of Daphne and a door to the baths; triconque was a hemicycle, from there was also a door into the hemi- which three apses were recessed; the cycle, and another into the courtyard. half domes of these were called the The phiale was also used for the games shells or conchs. Two columns on each played before the Emperor and his side of the east apse carried the archifriends. Two flights of steps round the volt, and this apse had steps or seats eastern hemicycle led into the sigma, round it; the walls of this Triclinium a large and long room, with apses were covered with various-colored marat both ends, and three doors on its bles, and its ceiling was gilt, and pierced east side, so called from its resemblance for light. The Emperor Theophilus to the old Greek sigma, or C; fifteen (829-842) built this part of the Sacred columns of Phrygian marble supported Palace, and used to work here with his the ceiling, the walls were lined ministers. This probably also acted as

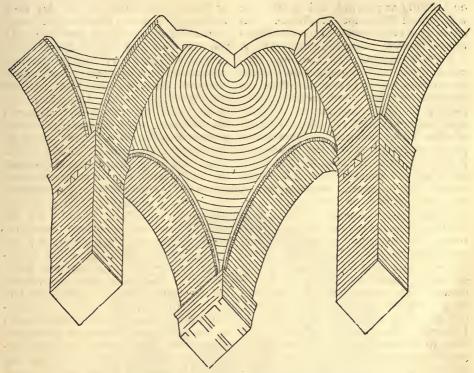
saucer, or round, flat drinking-cup; verses were engraved. At the south with precious marbles, on which a whispering gallery, as well as the



ST. SOPHIA, CONSTANTINOPLE.

room under it. To the east was a of people eating fruit; at the south T-shaped gallery; to the north of this end was a double-apsed oratory to the gallery were the offices, with an open Virgin and St. Michael. Under it, court in the middle; to the south were on the ground-floor, was a room conthe kitchens, lit from the garden. The verted into a library by Constantine north end of the top of the T-shaped Porphyrogenitus; beyond gallery ran into another very long gallery, called "The Gallery of the Forty Saints"; to the north of this passage marble; the wall was covered with gold was the "Pearl," or an apartment wholly built by Theophilus (829-842), surrounded on three sides by passages, and on the fourth by the gallery of the bedroom, called the mosaic-room; the Forty Saints. It consists of an ante- vaulted ceiling was supported by seven room, a bedroom, and a sitting or dining-room. The roof of this dining-room roofs were covered with mosaic, and its was supported by eight columns of floors are said to have resembled a Rhodian marble (black and gold), and meadow enameled with flowers; then its walls were covered with marble mosaics of animals. The bedroom was The last had a staircase for the vaulted, was carried by four marble Empress on one side, and the recolumns, and was gilt, or of gold mosaic. Out of the third apse of the former chamber, and had to the south three-shell Triclinium were the upper a vestibule into the garden, through winter rooms of the same Emperor, called the Carian, from being lined with Carian marble; and to the east of it was the gallery. To the east of the north end of which went into this was the "Camilas," consisting the gallery of the Forty Saints, and of an ante-room and a vast hall lined the south into the grand Triclinium with verde antique, with six verde of Justinian; in the middle of the garantique columns carrying the roof; den to the east of the former rooms, above the marble lining were mosaics and nearly opposite, was a garden

was the coubouclion mesopatos; the ceiling carried by four columns of Phrygian mosaic, on which were trees of verde antique; beyond was the Empress's dressing-room, and below it was her columns of Carian marble, its walls and a room and an oratory to St. Agnes. maining part was decorated like the which she could go under the Triclinium Lausiacos to the Cenourgion. The Lausiacos was a long passage,



PERSPECTIVE OF VAULTS ON PENDENTIVES AND PIERS.

pavilion with two ground-floor and two above. passage Lausiacos separated the golden Pantheon only; there was another doortriclinium or throne-room from the part way into this apse to the north, comconnected with the triconque. To the municating by an irregular-shaped room west of this passage, and adjoining the with the "Passage of the Forty Saints." kitchen, is the oratory of St. Basil; to the east is the tripeton, horolo- were inclosed by curtains they formed gion, or vestibule to the throne-room. The Patriarch waited in the tripeton while he was being announced to the the entrance to the Emperor's private Emperor. The throne-room was entered on the west by a silver door, the work of Constantine Porphyrogenitus. It was an octagon inclosed in a Theodore, and was used as the robingsquare, its interior is not unlike St. Vitale in plan: on each of its eight it was the oratory of St. Theodore, sides were apses; above the arches of the Emperor's robes, his crown, his the apses was an entablature whose arms, two shields of enameled gold, projecting cornice formed a circular and all the arms and insignia of office gallery round the hall used on grand of the head officers of state were kept occasions by the Empress and her here; another apse had a silver door ladies; the dome, which rose from the of two leaves, which led to the Heliback of this, had sixteen windows. acon of the lighthouse; this apse had The west apse formed the entrance, a picture in mosaic of Christ on his and its front was covered by a purple throne, to which the Emperor prayed

rooms on the curtain, hung by silver rings, called This the curtain of the Pantheon, or the As each of the apses of the throne-room separate rooms. One was used as the vestry of the Patriarch. The other was apartment; when the Emperor gave a grand banquet the musicians were here. The other apse was called that of St. room of the Emperor; at the back of

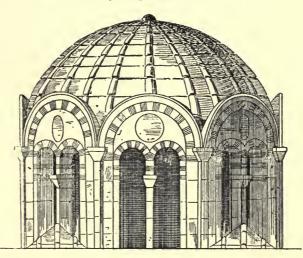
on entering or retiring, and in this apse or flutes, I presume; in all this work was placed the imperial throne. Another apse is supposed to have communicated with a staircase to the gallery.

There is another staircase communicating with the dining-room of the cenourgion, and it is supposed that the Empress and her court went into the gallery on great occasions. Another apse communicated with the "Gallery of the Forty Saints." There is a place supposed to have held the porter of the Sacred Palace, and, when he was absent, the keys of the palace; the pavement was designed in the tenth century by Constantine Porphyrogenitus, and seems to have been of Opus Alexandrinum, bordered with silver; the walls and vaults were covered with mosaic, and from the centre of the cupola hung a huge candelabrum called Polycandelon. Basil, the Macedonian, after having murdered his colleague and benefactor Michael the 3rd, did not care about living in the late Emperor's apartment, and had one built to the south of the throne-room, which was called the cenourgion. This apartment afterwards became the private dwelling of the Emperors, until they migrated to the palace at Blachernæ. The first room of the apartment was the Emperor's private diningroom, entered from the tripeton, which also communicated with an irregular chamber in the outer square of the throne-room. The makron, or long gallery of the bedroom, touched the narthex of St. Mary of the lighthouse, from which it was shut off by silver doors. The narthex before mentioned extended across the Chapel of St. Demetrius. From the makron the door into an apse of the throne-The dining-room and room opened. makron must have been lit from the roof. Constantine Porphyrogenitus gives the following description of the circle. Outside this second circle are vast hall: "It is sustained by six- what I shall call brooks of the green teen columns, disposed at equal distances. Eight are of verde antique, selves in the direction of the four corand, six of onyx, sculptured with ners of the room. In the four spaces branches of the vine, in the middle of formed by these brooks are four eagles, which all sorts of animals disport them- rendered with such truth that one could selves. The last two columns are also believe them living and ready to fly of onyx, but the artist has decorated away. The walls on all sides are

variety of form has been sought as an additional pleasure for the eye. All the hall from the top of the columns to the vaults, as well as to the east cupola has been ornamented with most beautiful mosaics, representing the orderer of the work, enthroned in the midst of the generals who had shared the fatigues of his campaigns; these present him the cities he has taken as an offering; immediately above, on the vault, are reproduced the herculean feats of arms of the Emperor, his great works for the happiness of his subjects, his efforts in the field of battle, and his victories granted by God." To the east of this hall is a little vestibule, which preceded the bed-room; its ceiling was a cupola, in which doubtless were windows; the mosaics which decorated the walls were remarkable for the composition of the subjects and the harmony of the colors. Constantine Porphyrogenitus had - constructed in this vestibule a basin of porphyry, surrounded by marble columns, admirably polished; the water-pipe was hidden by a silver eagle with its neck turned aside, and with the proud air of a lucky hunter it held a serpent in its claws. Near by were serving rooms, one of which had a staircase in it, for although the throneroom was on the ground, the ground sloped so rapidly to the sea that here it admitted of there being a lower story. Constantine Porphyrogenitus has also left an account of the bedroom: "The bedroom built by the Emperor Basil is a veritable masterpiece of art. Over the ground in the middle a peacock spreads itself-a fine piece of mosaic. The bird of Medea is inclosed in a circle of Carian marble. The streaks of this stone stand out in such a way as to form another larger marble of Thessaly, which spread themthem with oblique stripes; spiral reeds covered at the bottom with slabs of glass of different colors, which repro- the four walls as far as the ceiling. duce different sorts of flowers. Above these is a different work, of which gold is flat. It is resplendent with gold. is the ground, which separates the ornament of the lower part from that of the upper part of the hall. One finds in this part another work of mosaic on a gold ground, representing the august orderer of the work upon his throne, and the Empress Eudoxia, both clothed in towards God and towards the divine their imperial robes, and with crowns on their heads. Their children are shown round the hall, having their im- piety if he had not had his benefactor perial robes and crowns. The young murdered.

This ceiling, which is square in shape, The cross, which gives victory, is reproduced in green in the middle. Round the cross the stars are seen like those which shine in the firmament, and there the august Emperor, his children and his imperial companion lift their hands symbol of our salvation."

We should give him more credit for



BYZANTINE CUPOLA.

From "L'Art Byzantin," by O. Rayet.

princes hold in their hands the books containing the divine precepts, in the practice of which they have been brought up. The young princesses also hold similar books. perhaps wished to make it understood by which the Sacred Palace is left. that not only the male children, but those of the other sex have been initiated in the holy writings and have of the Palace after Basil the Macetaken part in the teaching of Divine wisdom, and that the author of their days, although he was not able on account of the vicissitudes of his life to crown of gold and a great cross, the addict himself early to literature, has handiwork of Constantine Porphyronevertheless wished that his offspring genitus. might be instructed, and has also desired that the fact might be patent to enameled image of the Virgin was kept all through this painting, even though near the entrance door. The chapel it was recorded in history. These are had a trefoiled apse. the embellishments which are seen on

The Heliacon of the Lighthouse was a vast peristyle forming an atrium to the Church of St. Mary of the Lighthouse and the Chapel of St. Demetrius. The artist has It had a doorway sheltered by a porch

> The Church of St. Mary of the Lighthouse, became the Imperial Chapel donian had built the Cenourgion. The main door of the church was of ivory. In the church was kept an enameled

In the Chapel of St. Demetrius an

Near by was the lighthouse. In Asia,

Vol 11.--2.--8.

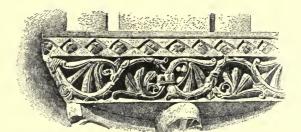
on the other side of the Bosphorus, was the south end of the Peridromes was a another lighthouse, and there were a chapel built in one of the towers of the succession of them up to the confines wall, dedicated to St. Peter, and to it of Cilicia. By their means intelligence was annexed an oratory dedicated to could be conveyed to the Emperor of the Chief of the Heavenly Host; above the incursions of the Saracens. Poly- this was an oratory dedicated to the bius describes the way of signaling by Mother of God. means of lights (Polybius, Lib. 10, cap. 43-47).

siacos; the south end of this abuts peror's baths. I may here menon the Triclinium of Justinian III.; tion this was commonly called the Jus- lies to the south on the shores of the tinianos. about 70 feet wide and 336 feet long, north and south meridian of Sta. Sophia running westwards; it was occasionally when prolonged southwards. It was a used for banquets, but more generally small square palace with a pyramidal for properly arranging the persons or roof; its walls were wholly covered bodies that were going in processions with slabs of porphyry brought from to the Emperor; its west end abutted Rome, and the floors were also paved on a vast vestibule called Scylla, with porphyry. This palace must have one of the entrances from without to been dismal, and one would think not the Sacred Palace; from the north side calculated to promote the health of the of this vestibule there was a door imperial scions. On the approach of to the staircase and on the south winter the Empress used to assemble side another to a raised terrace, level in it the wives of the great dignitaries, with the top of the inclosing walls and present them with purple robes. of the Palace; this terrace faced the This palace was built by Constantine east side of the great Hippodrome. the Great for the use of succeeding From the end of this terrace ran Empresses during their confinement, an open passage southwards to the and those sovereigns who, like Conextremity of the hill; the lower stantine VII., were born there were part of this was called the Peridromes called Porphyrogeniti. The new Basilof Marcian; the upper part was level ica, the chapel of Elijah the Tishbite, with the terrace and was called the oratory of St. Clement, the victory the exterior gallery of Marcian. At of the Saviour complete the building.

The description of the Palace is now completed, with the exception of the We must now go back to the Lan- outlying buildings, including the Em-Palace that the Porphyry It was a covered gallery Propontis and is nearly touched by the

Professor Aitchison.





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C. L. W. Eidlitz, Architect.

ACCEPTED DESIGN FOR BLEECKER STREET SAVINGS BANK.



THE ARUNDEL APARTMENT HOUSE.

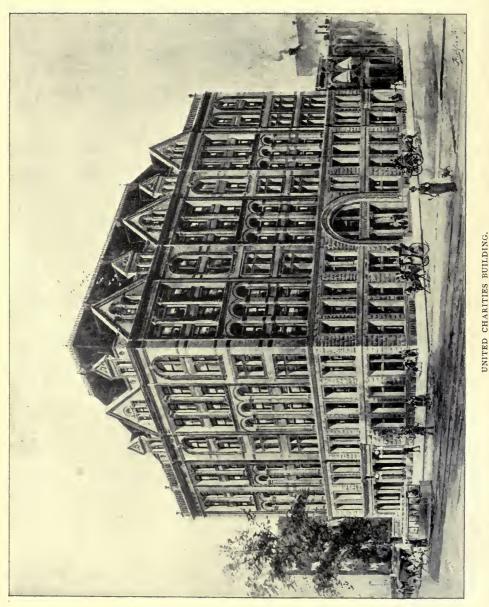
Wyatt & Nölting, Architects.

Baltimore, Md.

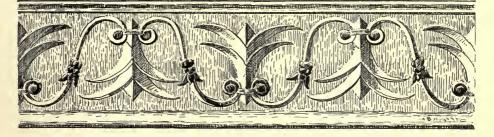


CARYATIDES—"MAIL AND EXPRESS" BUILDING. Broadway, New York City.

Carrère & Hastings, Architects. Philip Martiny, Sculptor.



Twenty-second street and Fourth avenue, New York City. (From a water-color sketch.)



ARCHITECTURAL ABERRATIONS.*

No. 5 .- THE "DAILY RECORD" BUILDING, BALTIMORE, MD.



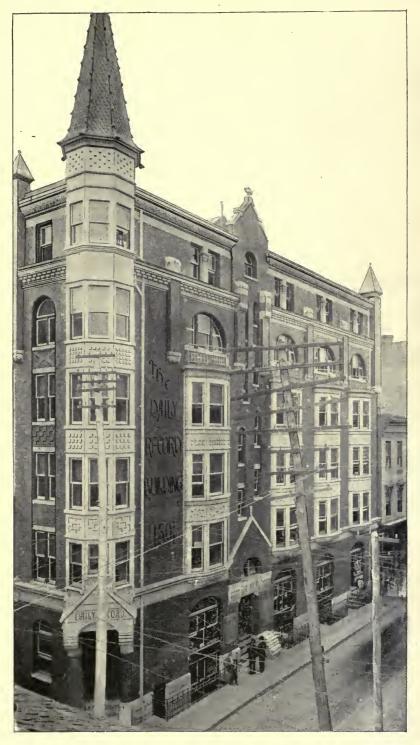
ting Paley's "Evihis class-room his own bulbous silvercased time-piece and

necessity of a watchmaker, when his exposition was rudely frustrated by an undergraduate who obimpertinent served that he could not perceive any evidences of design about that watch.

There are a good many edifices scattered about these United States that recall this anecdote; but there are few indeed that recall it with more vividness than the building of the Baltimore Daily Record, herewith illustrated. In a watch, even the professor's, there is in fact a correlation of structure and function. and though there be architects who deny that this is essential to architecture, and others who cheerfully ignore its necessity, yet it must be admitted to be an evidence of design. The designer, if we must call him so, of the edifice now under consideration, had a very trying problem, for he was required to compose a building six stories high on a corner lot sixteen feet wide by something like five times that depth. This is a misfortune that most architects would try to mitigate by making the very utmost room for doubt that what is in fact a

is related that a of the narrow front through emphasizing good old professor, its very inadequate breadth, and dissemdesirous of illustra- bling, so far as might be, its very disproportionate height. A single opening dences," produced in at the centre in each story would have left a tolerable pier on each side, and emphatic horizontal lines might have "kept it down "into respectability. The was beginning to argue from it the notion of cutting such a front into two vertical slices is one that would have occurred to few architects but the one who has not only had but executed this conception. He has, in effect, made two buildings instead of one, in his sixteen This seems in itself a sufficient feet. protection against breadth, but it did not so appear to the designer, for in the wall that is left after the corner tower has been taken off, he has not only introduced no horizontal lines between the groundstory and the attic, but he has actually constructed a single opening at the centre running through four stories so as still further to exaggerate the height of the wall. The sacrifice of the front is made, of course, for the benefit of the tower at the angle, and what an object that is for which to make sacrifices ! It will be agreed in the illustration to be an awful monument. The notion of erecting a tower of these dimensions and proportions over an opening, carrying it above the roof, and crowning it with an acute "extinguisher," so as to leave no

* We are making a collection of "Aberrations," and shall present one to our readers in each number of THE ARCHITECTURAL RECORD.



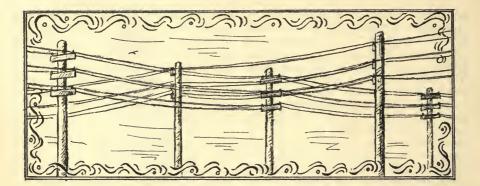
THE "DAILY RECORD" BUILDING, BALTIMORE.

polygonal sash-frame is intended to be and different shapes and different treatregarded as a tower is, as it was meant ment. The force of lop-sidedness can to be, "original." It is necessary to no further go. But except lop-sidedadd that the illustration does not do full ness it is difficult to tell what object the justice to the iniquity of this monument. The entire fatuity of the detail can, indeed, be appreciated, but not the fact design that is revealed by even an oldthat not only the sash-frame proper, or tower improper, but also actually the heavy-looking pediment at the base, is made of wood, covered with galvanized iron, and painted cream color, the wall being of dull yellow brick. Anything more preposterous and vulgar it is impossible to conceive.

The same aversion to symmetry that appears on the shorter front appears also on the longer, where there was nothing in the dimensions or proportions to prevent the architect from producing a quiet, respectable edifice. The obstacles here must have existed entirely in himself, and they have proved insurmountable. The unit of the composition here. it will be perceived, is a three-story baywindow in the principal wall, with a round arch over it, a perfectly plain segment-headed window in the ground story and a double-lintelled opening in the attic. This is susceptible of being developed into something good, though it may be remarked that the purpose of a bay-window is defeated when baywindows are ranged so close together repulsive novelty, yet hardly so novel, that whoever looks out of the window looks into his neighbor's window. However, if the bay-windows had been equally spaced, with a pier at each end of the wall, something like repose and something like harmony might have resulted. In fact, there is an ample pier not a piece of studied detail in the whole at one end, and there is no pier to speak building, but the badness of the things, of at the other, three bay-windows are taken singly, is not so remarkable as the huddled together and a fourth is complete lack throughout of a relation isolated, and between the group and of anything to any other thing. As an the single opening is a wonderful cen- example of the absence of design, the tral feature which is yet not central, building is really remarkable and emiconsisting of the pedimented doorway, nent among bad buildings. We are in-and above it a piece of wall, formed that it is extensively admired in crowned with a gable, pierced with win- Baltimore, but we utterly refuse to credit dows following the slope of the stair- that slander upon a respectable and ways, two to each flight, of different sizes cultivated community.

designer proposed to himself, or to detect in his work anything like the amount of fashioned bull's-eye watch. How a draughtsman can have endured to look at either of these elevations, while it was yet upon a drawing-board and could have been rubbed out, is a puzzling question, but not so puzzling as how he can have given it out for execution in more or less durable brick and pine and galvanized iron, where it cannot be rubbed out except by fire or a well-directed mob. So numerous are the "things" and so promiscuous the placing of them that the network of telegraph wires in the foreground, which would be very annoying in the view of a building that had been designed, seems to belong to this building.

Apparently the artist was dissatisfied with his work only because it was not sufficiently diversified, for he proceeded to add things to it. The variegation of the skyline by means of the extinguisher at the corner, the gable in the long side, and the pinnacles at the outer angles, is a wonderful piece of work. The notion of corbelling out square pinnacles is a nor yet so repulsive, as the notion of building out slabs of brick-work, carrying them through a cornice and stopping them against the wall, in such wise as to show that they are quite meaningless, and mere sacrifices to beauty. There is



CROSS-CURRENTS.

NUMBER of months ago the promise of a new art magazine came to us from Boston. That the seat of publication was to be the New England capital was at once a presumption in favor of the new venture; it would no doubt be free, we thought, from the vulgar commercialism which permeates the very stones of New York, the coarse effrontery of "popular enterprise" which whirls through most things emanating from Chicago, the unfathomable prosyness of Philadelphia. There was not only reason for hoping that it might be an art magazine that held a really serious relation to art, but the prospectus sent anticipation traveling still further. It was to be a pure shrine of art; no booths nor stalls nor tradesmen's cries around its precinctsit was, O Rara Avis ! to be without advertisements of any kind, and it was, moreover, to be edited by Devotion and sustained by Love-in plainer speech, the contributors were to do their work without pay, profit or emolument of any sort. There was, no doubt, an air of impracticability about the project which should have stirred suspicion, for never, as in these days, has it been so fatal to be impracticable. The name, too, The Knight-Errant, had a ring of phantasy or remoteness (far indeed from art) about it as though springing from the arbitrary working of These matters, howsome notion or crotchet. ever, were overlooked. It was so pleasant to anticipate the coming of a real art magazine which would deal with Art as though it were too important an affair of Life to be either a modish, whimsical plaything, as it is largely these days with the public, or a shop article for publishers to deal in.

The new publication is now in our hands ; and alas ! this *Knight-Errant* proves to be a luny,

Quixotic champion, to whom we might extend the courtesy of silence did it not represent an evil tendency which it is the duty of all to oppose, all who believe that Art is deeper than any single mood, be it ever so sincere, and wider than any single manifestation of the Beautiful, be that manifestation ever so complete, exquisite and enduring.

From one aspect, art is the revelation of personality; the realization of the artist's mind. But it is also the harmonious revelation of the world, all that which the individual is not-the realization of the Beautiful through the artist's mind. Now, it is from the personal phase of Art that we get the schools-Greek, Italian, French, Mediæval art, the art of the Renaissance and so forth, and our shibboleths also-Idealism, Realism, etc., and, indeed, all those divisions and parts of art which we cover with a name. Greek art is the Hellenic mind revealed in Art. 1dealism-a wider manifestation-is one phase of the human spirit realized in Art. Greek art, or Gothic art we can imagine completed: conceivably, the possibilities of either might be exhausted, the last letter of one evangel and of the other could be learned. But, Art in its impersonal, universal aspect, is something infinitely wider than the Grecian spirit or the Gothic spirit. It transcends all schools, eludes all nomenclature, stretches beyond the possibility of exact definition. Idealism does not exhaust its possibilities; Realism is not the sum of its possessions. It is the same vesterday, to-day and forever, be it revealed in the Greek Temple, the Gothic Cathedral, Raphael's paintings, Shakespeare's plays, or Beethoven's symphonies.

The conception of Art, which the Knight-Errant comes to champion, is, at the widest, a limited personal conception, in short not art, but a certain phase of art, and it happens that this phase is, we regret to say, at present too often confounded in public judgment with the greater whole of which it is but a part. So far as we can make out, the Knight-Errant stands for the resuscitated Mediævalism of recent years, which has deluded the Public into the belief that Art is, in no small part, an affair chiefly of andirons, bric-à-brac, oddity and quaintness, a matter centered in the Middle Ages, or any age other than the age of to-day, and is to be derived by us not by living our own life as completely as possible, but by reflection from old churches and gabled buildings and illuminated missiles. Say the Editors of the Knight-Errant : " Far other is this battle in the West that calls the Knight-Errant into the field, than the brave fights wherein the Knights of the Round Table fought close and fierce with the Paynim in the name of Christ; other even than that last great fight ⁴ among the mountains by the Winter Sea,' when 'the goodliest fellowship of famous Knights' ceased, and Sir Bedivere went forth alone, and the days darkened round him and the years. It is no longer to strive against the Paynim in the Holy Land, to contend with ravening dragons, to succor forlorn ladies in distress that he is called to action; but rather to war against the Paynims of realism in art, to assail the dragon of materialism, and the fierce dragon of mammonism, to ride for the succor of forlorn hopes and the restoration of forgotten ideals." Here we have Art narrowed to a cult, with a jargon of its own; pressing away from the spiritual vernacular of the day, from the market place, the shop, the activities of the living generation, in short from the sources from which all great art-Egyptian, Grecian, Gothicsprang. From the point of view of the modern Mediævalist, it is no doubt lamentable that the crusades have given place to Cook's Tourists, that a sound but unimaginative natural history has locked up all dragons in children's story books, and that unpoetic modernism has confided the duty of succoring "forlorn ladies in distress" to the police, The crusaders can never be gathered together again, nor the dragons liberated, and as to the "ladies" I am told the species is extinct; only women (or should we say females and reduce the matter at once to the lowest common denominator) are left.

All these things and much else that accompanied them are gone. The whole Round Table of Arthur is dissolved, because it was not large enough for the spirit of a world greater than the Arthurian to feast at. The old order has changed giving place to new, "lest one good custom should corrupt the world," and there is no inspiration for the newer generation in mere affection for old things.

The Knight-Errant, indeed, declares that his quest for beauty is "not to restore a fictitious and evanescent similitude of things that were;" -good words-but, nevertheless, he feels the stress of necessity "to return in a measure to that time when beauty began to fade from life," and the fact is, despite the disclaimer, the measure of the return is scarcely less than a complete retreat from the Present to the Past. "Beautiful things have disappeared," we are told, the world has "grown old and ugly," it has discredited beauty "in thought and motive, beauty in life and death until the word has become but a memory and a reproach." Is not this the complaint of the impotent or the dilettanti against their age? It is a protest against the new forces which, while they may limit the true artist, are also the only vital sources of inspiration for him. The soul of every living art is the life of the day that creates it. The artist may find himself thrown upon barren times, may find his day and generation unpropitious for great works, but he cannot transcend the conditions given to him, or create a really favorable environment for himself by a fanciful retreat into some corner of the Past. To preach the necessity of such a retreat, as the Knight-Errant does, is to misunderstand the nature of art, to overlook the prime fact in all great artistic achievement. The Greek artist was great by being so thoroughly Grecian, Grecian even in his defects and limitations: the same is true of the Gothic artist, and of the great masters of the Renaissance. The abiding achievements of Modern Times will be those wherein the vernacular of the day has been most thoroughly and naturally employed.

It is permissible, indeed, perhaps it is a healthy sign, for the artist to be dissatisfied with his age (we are not quarreling with that), but he will not despise it. He cannot get higher than upon its shoulders. Besides, what are our judgments about our own age worth? It is not improbable that our age will be greatest in the estimation of posterity at the very points where we are most intimate with it, where it is most peculiarly ourselves; but are not those the very points which it is most difficult for us to perceive? We know best what we are the least conscious of knowing. For instance, we carry the weight of our own language with less mental stress than a smattering of a foreign tongue. And, is not Likewise, we may be sure it is no easy matter for us to see our own Art with the eyes of another generation. Over and over again we have learned that. Much that we ourselves admire to-day we ourselves condemn to-morrow, and we may be sure that, despite the Knight-Errant, there are beauties in this "old and ugly age" which some equally foolish fool in years to come will be calling his generation to return to and live by. The best thing that can happen for the art of to-day is that the sunlight of the Present shall break in upon it and illumine every nook and corner of it. If, then, flowers do not preponderate among the weeds, we may be sure that no scattering of dead seeds from other generations will create for us a garden for the soul -Primus. to delight in.

The epithet Quixotic, which Primus fixes upon the Knight-Errant, is, we fear, not unjust. That periodical only makes itself impotent when it mounts the high horse of heroism. Its form, programme and temper together isolate it from the very people it wishes to influence, and if it survives at the expense of its editors and contributors it will survive chiefly as the organ of a coterie. Far from being the champion of forlorn hopes and forgotten ideals, it is the picturesque but foolish victim of a very common and commonplace delusion; it is mistaking steam engines for dragons and wind-mills for giants. What is called modern materialism is not a devouring, consuming monster, it is a prodigious Power that is just beginning to stir the sluggish masses into something like motion; with all its drawbacks it is distinctly a humanizing influence. Like other Powers it is blind; but so much more does it need the assistance of them that can see. Such assistance, particularly when corrective, is sure to prove fruitful, while fruitlessness is the inevitable characteristic of mere opposition. As for the Paynims of Realism, if we may not call them wind-mills rather than giants, we may, at all events, deny them abnormal proportions and brutish nature. " The dirty drab," says George Meredith, " is the price we pay for the rose pink." Every Don Quixote has his Squire Sancho Panza. The two necessarily ride in pairs. The Knight-Errant-halfphantom as he is-is, in truth, setting out to slay another phantom-practically of his own creation, and he will never succeed, even in finding his intended victim, until he alters his manner of warfare. He must dismount from his angular steed, doff his battered armor, place his For the fragment, the individual, the beginning

a man blind to his own most individual traits? rusty sword among the antiquities in the garret and settle quietly down to make himself more at home among the realities of life. As they find their proper place in his view of things he may recognize among them his old dragons and Paynims transformed into things that are measurably helpful to men and consequently deserving of respect as well as of rebuke.

> Primus has, then, something of a case against the Knight-Errant; but the case is stated in such a contradictory fashion that we fear his readers will be somewhat bewildered. At one moment the Knight-Errant is reproached for a "limited personal" conception of Art; and the "universal impersonal" view of Art as "something infinitely wider than the Grecian spirit or the Gothic spirit" is exhibited for admiration and approval. Moreover, according to Primus, this impersonal universal aspect of Art, while it transcends the Gothic spirit and the Grecian spirit, can not include them, for it is "the same yesterday, to-day and forever," whereas it is very obvious that the Grecian spirit and the Gothic spirit contain, at any rate, many elements of difference. Yet later our instructor tells us that the "soul of every living Art is in the life of the day that creates it," and "that the Greek artist was great by being so thoroughly Grecian, Grecian even in his defects and limitations." But what, then, becomes of the universal and impersonal aspect of Art, which but a short time since was placed before us in such a favorable light? If the Greek artist is great by being so thoroughly Grecian, how can he be also great by being everything which Grecian Art is not; by sharing an aspect of Art which is the same yesterday, to-day and forever? . In truth Primus here falls into a very ordinary error. He speaks of the individual in Art as one aspect of Art; and the universal in Art as another aspect of Art, whereas the individual and the universal are not aspects of Art at all; both are vital elements in the artistic spirit. Each has its place, and the place of each is different. Every work of Art is a concrete living reality, reaching out towards a reality infinitely more comprehensive than itself. It is a great mistake to place the two elements in only an external relation and call them aspects, for the wholeness of the artistic spirit is thereby shattered. " Art," says Robert Browning, "'instinctive Art,"

" Must fumble for the whole, once fixing on a part, However poor, surpass the fragment and aspire To reconstruct thereby the ultimate entire."

is endlessly related to the Whole-Reality itself; ary course a year in that branch (which is and all that artists have ever expressed or can taken by the students as a "snap"), while it ever express will serve to suggest only a small share of its inexhaustible nature.

Primus has also failed to point out a way in which the Knight-Errant may be useful and in the end influential. Its retreat into the Art of the Past has a certain promise of achievement because of the need which the Present has for the Past. The two should always be vitally related, and in so far as the Knight-Errunt desires to affirm that relationship, it is undertaking a perfectly proper, and be it added, a very much needed work. Its error consists in using the Past as a refuge from and a reproach to the Present, instead of using it as a powerful and necessary supplement to the art and life of to-day. Erroneous, then, as is its purely negative attitude towards all that is modern, it may have its place if it can only help to bring the Past somewhat nearer to us. This is the service which all reactionaries tend to perform. Thomas Carlyle condemned Industrialism and Democracy, and exhalted the Heroes of the Past -the men who had succeeded in achieving something-and whatever his condemnations were worth, he certainly did not fail to make his Cromwells and Fredericks more real, and hence more valuable to us. Ruskin is as foolishly mistaken about Materialism and Realism as is the Knight-Errant; but with all his limitations no man has done more than he to stimulate among Englishspeaking people the reverential and fruitful study of the History of Art. So we might multiply examples. Indeed, we would not be far wrong in saying that our whole modern historical movement had its beginning-not its cause-in just such a retreat into the past. The Schlegels and others of the Romantic School in Germany found contemporary ideals and opportunities as little satisfactory as does the Knight-Errant; like the Knight-Errant they, too, beat a retreat into the Past, then an almost unexplored wilderness. It was their studies, and the studies of scholars stimulated by their influence or example which first prompted the application, and finally resulted in the formulation of the historical method.

These few illustrations will indicate sufficiently in what way a periodical like the Knight-Errant may be useful. Of course we do not say that it will exert any such influence; we say only that there is work of that kind for the Knight-Errant to perform. The History of Art is too much neglected in this country. In our larger universities comparatively little attention is paid to it. Harvard, for instances, offers only one element- universities that we look for bringing to pass

offers two in the principles of design and delineation. Compare with such meagre opportunities as these, the fact that there are seven professors or instructors lecturing on the History of Art, at the University of Berlin. If the large universities are weak in this department, the smaller colleges pay no attention to it whatever. The study scarcely enters into the popular conception of a liberal education. Art is to many welldressed people merely a matter of spring exhibitions, a rather tiresome but indispensable incident of a European "tour," a desirable something which is to be found in the Metropolitan Museum, editorially proclaimed to be of peculiar benefit to workingmen-anything in short but the crowning glory of humanity, which a man in order fully to live must realize. We believe that lately there has been some improvement in this respect, but the improvement has not as yet gone far enough, nor has it been sufficiently popularized. Fortunately a collection is now being made that, when completed or largely completed, ought to do something to inspire a more respectful treatment of the History of Art in this country. We refer to the collection of casts, more than half completed, for the museum in New York City-a collection which, it is stated, will be, taken as a whole, more complete than that possessed by any museum in the world. In time other collections of the same kind will be made for the enrichment of museums in other cities. Chicago, for instance, with metropolitan aspirations, will not permit New York City to be ahead of her in "Art" for long; and after her rich men have thoroughly established a great university and recovered from the temperamental and financial exhaustion of a World's Fair they will scarcely fail to equip their museum with all the "Art" that history affords-if, indeed, the collection of casts now being made for the Fair will not remain permanently in that city. Boston, too, considering the amount of money that she is spending in the new Public Library building, will not be likely to be niggardly in bringing her Art Museum "up to date," and perhaps in the sacred cause of Beauty she may even in time destroy the Temple in which her treasures are housed and erect in its stead a building that does not spit at the purpose to which it is devoted.

By these means may the Knight-Errant be assisted in his self-ordained task of making the Beautiful a little more real to the Present. It is less, however, to the Knight-Errant than to the this result. Hitherto they have been spending their available funds principally in equipping themselves with the expensive laboratories and apparatus needed for the scientific department, and this is natural, for in an industrial community the claims of useful knowledge are irresistible. The time is coming, however, when they will be obliged to spend money more liberally in improving their Art courses. Not only will large sums be left to them specifically for this purpose, but there will be more demand for such instruction on the part of the students, The increased interest in architecture has already in many of the more important universities and colleges been recognized by an enlargement of the opportunities for studying principles of construction, and to a less extent the history of that Art. When the time does come for the universities to enlarge the number of their courses in Art considered as a transition and a growth, the collections of casts already referred to will be of the greatest assistance. It will not be necessary for every university to have its own collection, provided the cities wherein they are situated possess well-stored museums ; and undoubtedly it is the absence of such museums at the present time which helps to make the universities of the country so backward in the matter of Art courses. Museums and galleries, are, of course, intended principally for the public; but they will always be of most use to students-not merely to copyists, but to students of culture. To read the newspapers one might imagine that the daylaborers particularly delight to wander in pensive observation past painting and statue; in truth, however, while every opportunity of entering the museum should be offered to the poorest and the meanest, it is not the day-laborer that is materially benefited by what is displayed therein. Above all objects of study, Art demands a qualified medium; it can convey a vital meaning only to educated adults.

"And what do they gain ?" some, perhaps, may ask. Well! they gain for one thing the advantage of living at the end of the nineteenth century. People who lack culture, who have failed either from want of opportunity or from want of desire to study literature and art fruitfully may obtain the benefit of centuries of progress in their physical lives and in the laws and institutions of their country, but spiritually they will be in a measure barbarian. They will have failed to transcend their individual limitations and the limitations of their time; they will have failed to incorporate in their own being, spirit of their spirit, all the momentous, healing, leavening, abiding experience of their race. "What from thy fathers thou dost inherit," says Goethe, "be sure thou earn it, that so it may become thine own." Let no man flout or scorn such a purification and enlargement. We are not recommending culture for its own sake, because culture is only part of life, and will not serve to develop all the possessions of the spirit. But how sweet, how compensating it is ! By means of it the many that are born with little may come into much, may take their humbler places beside them that are gifted. We are frequently reminded that observation does not make up for insight, nor any accumulation for constructive imagination. Neither it does. But we must not confuse these truths with untruths that are frequently deduced from them. Observation cannot displace insight, but insight cannot dispense with observation. The methods of seeking Reality are different, but the end is the same. He who steadfastly, hospitably, patiently, and humbly tries to make the best experience of mankind his own cannot perhaps compass Heaven and Earth, as can one who is gifted; but by placing himself as completely as possible in relation to the best Humanity has thought and felt, he has surely paid his tribute of self-sacrifice and fulfilled his mission of self-realization.

-The Editor.

ton : Bates, Kimball & Guild.

- Colonial Architecture of Maryland, Pennsyl-vania and Virginia. Fifty plates photographed and arranged under the direction of Joseph Everett Chandler. Boston : Bates, Kimball & Guild.
- Egypt. Three essays on the History, Religion and Art of Ancient Egypt. Martin Brimmer. Boston : Houghton, Mifflin & Co.
- Vignola. Seventy-two plates, composed, drawn and arranged by J. A. Leveil. Boston: Bates, Kimball & Guild.
- Details of Decorative Sculpture, Italian Renaissance. Boston : Bates, Kimball & Guild.
- History of Art. William Henry Goodyear. Illustrated. New York : A. S. Barnes & Co.
- History, Principles and Practice of Symbolism in Christian Art. F. Edward Hulme, F. L. S., F. S. A. New York : Macmillan & Co.
- L'Art et La Nature. Victor Cherbuliez. Paris : Libraire Hachette et Cie.
- Safe Building. A treatise giving in the simplest form possible the practical and theoretical rules and formulæ used in the construction of buildings. Louis De Coppet Berg, F. A. I. A. Boston : Ticknor & Co.

We do not believe that Mr. Kirby's reputation will receive any particular enhancement from the portfolio of drawings which he has published under the title of "Architectural Studies." Perhaps it is not intended that these sketches should be taken too seriously, and, indeed, there is more of the air of sport and whim about them than something more serious. Mr. Kirby has set his pencil aplaying in an airy region where clients and other circumscriptions to the imagination evidently are unknown, and the drawings are the result. This is the impression we get from a great number of the designs, although several of them, we can well believe, "have been made in connection with actual projects." Perhaps we ought not to grumble with the sketches because they possess so little variation of idea, and are mostly matters of towers and turrets and steep pitched roofs. The result, however, although often wontonly picturesque, is not always a good architectural composition. It is apparent that the author is a man of some artistic temperament, of decided poetical tendencies in things architectural, but in these drawings too many parts of the designs seem due merely to a fidgety pencil. The collection could be reduced one-half with immense advantage, and among this smaller number one might find five of sufficient meaning and import to merit some study. The remainder are of small value to the public, and we fancy of

Architectural Studies by Henry P. Kirby. Bos- little to Mr. Kirby, unless as preludes to more serious work or as reminiscences.

> Probably we owe Mr. Chandler's excellent collection of plates to the recent revival of interest in "Old Colonial." However that may be, lovers of good architecture everywhere will welcome this publication, for, contrary to what one might expect at first thought, a very large part of the work that has come down to us from the carpenters and masons, who were the architects of Colonial times, possesses in a marked degree a delicacy, a reserve, the gentlemanly quality of distinction-the very characteristics which are perhaps most lacking in contemporary architecture. The situs of this old work was rural. It belongs to the country or, at any rate, to cities very differently conditioned from ours of to-day where building is carried on under lateral compression. Consequently any practical influence to come to us from the "revival" or "fad" belongs naturally to the suburbs and the country. And there it is at work already. Succeeding, as it does, "that absence of style called Queen Anne" it can be but salutary, not only to the beholder, but as well to the designer who had passed into a state of "incoherency" in dealing with country residences. Mr. Chandler's plates are well selected ; they cover the field typically. We heartily recommend them to our readers. In size and mechanical execution they are all that can be desired, but we have to point out that the index to the plates is unfortunately not free from error.

> Mr. Brimmer's three essays deal with the History, Religion and Art of Ancient Egyptindeed, in the case of that bygone civilization the three are so bound together that they cannot be treated apart. The essays, we are told, were undertaken for the self-instruction of the author during a recent journey in Egypt. They are therefore chiefly a putting in order of information acquired largely at second hand, and not new utterances on subjects which are becoming wider every year and require changes of opinion and restatements of facts. Mr. Brimmer's Essays -they cover but eighty-six pages, including the illustrations-are a very readable, clear, and in the main accurate compendium of the researches of Brugsch Bey, Maspero and others. The writer, however, keeps to elementary facts, and from the limitation of his space tells his story in outline. The essays make as excellent a textbook on Egypt as any in the market. Mechanically, the book reflects great credit upon the Riverside Press. It is a pleasure to handle it.

RAYMOND LEE.

CHAPTER IX.

DRAWING CLOSER.

O^N Wednesday afternoon Ralph set out for the Bungalow. Not for a moment did he doubt that he was on his way to a conventional feast of little cakes and small conversation. He half repented that he had accepted Marian's invitation. His surprise, therefore, was great when he arrived at the Bungalow and encountered a little string of vehicles, from which two or three score of noisy, joyful children were alighting. Marian and Miss Batters were superintending the disembarkation.

"Form into line, children," piped the schoolmistress, whose life had been passed in striving (with how much success, see testimonials) to get select young ladies physically and morally "into line." The usual form of her command was "form into line, young ladies," but Miss Batters was blessed with an acute perception of the infinite difference between orphan children like these, and children whose parents were financially capable of patronizing her establishment. There was a shuffling of little feet, a fluttering of little pinafores, and a great quickening of little hearts when Miss Batters snapped "March," as though it was the velocity of the word that set the children moving, and the head of the column passed through the gates into the garden.

"Where is Clare ?" asked Marian, missing some one.

"Here, Miss, here," said a 'bus driver, in a soothing tone, from his high seat. "The little 'un's fell asleep. I was waitin' till you was ready." A small head, surely not five years old, was resting on his shoulder, and golden hair, tossed by the wind, fell down his back.

"I've got her, Miss, she's safe," he said, descending from the vehicle.

"Whoa, there, you Tom. Oh! Ah!" The 'bus driver was fat, and as he secured each foothold in the course of his descent, he uttered a word.

"There !" Both feet were now on the ground. "She's a gold 'un, isn't she, Miss?"

The man's hand passed gently over the child's hair, and he put her into Marian's arms.

"Thank you, Mr. Hardy."

"No thanks, Miss. I ain't got none, but it does 'un good once in a while to hold 'em. Whoa, you Tom."

The sound of the voices, or the change of position awakened the little girl. She looked for a second into Marian's face, smiled contentedly, pressed closer against her bosom and fell asleep again. Could trust and confidence say more? All the woman in Marian quickened at the touch. Her arms folded more tightly around the little thing. She pressed her lips against the golden head. For a moment there flashed into her eyes the light of that love which men can never quite comprehend. It is only because it has fallen upon us and lingers with us that we can marvel at it.

As Marian turned to enter the garden with the last stragglers of the little cavalcade she found Ralph by her side. He was so far from her thoughts at the moment that his appearance surprised her.

"Am I come too early ?" he asked. Seeing the children, Ralph wondered whether he had not made a mistake.

"No, no; indeed, you are just in time, Mr. Winter; but, perhaps, I have misled you. These are my guests to-day" —pointing to the children whom Miss Batters had "lined" along the garden walks—"they come to me once a year. I thought perhaps you wouldn't mind helping me to entertain them. Oh! Miss Batters, do let them play anywhere, everywhere; there is nothing to spoil. Mr. Winter, if you don't...." "Not another word, please, in that tone. I know what you would say. I *do* like children, I assure you, and if you will show me what I can do for you it shall be done."

"For them."

"Very well, then, for them."

"Nôw, children," said Miss Batters, standing general-like in front of her juvenile army, "if you will deport yourselves quietly, as becomes little girls, whose manners should always be gentle and modest, you may play about in these *beautiful* grounds; but be most careful that you do not harm anything."

"May we pick some flowers?" piped a shrill voice.

"Well ! Indeed !" cried the head of the Select Establishment in amazement. "What *is* your name, child ?"

Miss Batters made the demand as though the name might enable her to understand the abnormal moral condition of a child who could make such a request; and, indeed, we do expect from Polly Perkins what would surprise us in Guinevere De Lancey.

"Dear Miss Batters, let them pick them," said Marian. Go along, children. Gather all you can and put them in a heap on the lawn."

"What, Marian, those roses!" cried Miss Batters alarmed as scores of little hands attacked the bushes and scattered the full-blown leaves to the ground.

"Yes, everything," said Marian.

"You extraordinary child !" cried the spinster; but there was something in her thin voice softer than her words.

"And who is this little one ?" asked Ralph, looking at the child in Marian's arms. As he glanced upward from the child's face to Marian's, he saw it was bright with quiet exultation. Can we wonder that the happiness in the voices of the children around Marian was whispering in her heart, or that *sunshine* and *sunshine* were in the garden—one from a heaven so much higher than the other?

"This is Clare," she said buoyantly, answering Ralph. "She shall be Queen to-day, my Clare. We will crown her with white roses."

"She is your pet, eh ?" asked Ralph.

"She is such a lovely child, Mr. Winter. Look at those

little white hands, and those delicate eyelids with the blue veins. Wouldn't you think the light passed through them; and her hair, doesn't it seem to hold the sunshine?"

"It is beautiful," said Ralph. "Beautiful."

"But she is so frail." Marian's voice dropped to a lower key. "I didn't think that anything so sensitive could live. You have no idea what delight can thrill through that little body. We fear whether we can keep her with us. Her heart is very weak. The only hope the doctor will give us is that she may grow out of it."

"That often happens," Ralph said, cheerfully.

"Please God," said the girl.

The garden surrounding the Bungalow was of goodly dimensions and was maintained in excellent order. The broad lawn in front of the house was perfect. The flower beds and shrubbery were almost at the fullness of their summer glory on the day when Marian's children arrived to spoil them. That very morning, Tom Hopper, the earthy old gardener whom Marian had installed at the Bungalow, with his son for assistant, surveyed the result of his toil and complacently felt that it was good.

"Ther hain't a garden in Eastchester like it," he said.

And now the old man's heart was to be broken—he regularly declared it was broken every year "when them brats came." He could not be brought to make his scheme of horticulture harmonize with Marian's philanthropy. To waste the sweat of his brow "in confusion upon a lot of horphins" was an intolerable indignity. For several years past, on the day of sacrilege, he had regularly, gloomily and reproachfully resigned his position, declaring that his heart was broken. Fragile as that organ was, Marian always succeeded in mending it the next day, and the old man would withdraw his resignation, "under protest," he said—a phrase in which he found both comfort and justification for his return upon himself.

This year, when the children rifled the rose bushes and the beds of geraniums, pinks and lavender, the old man declared, as he watched the proceedings in anger from afar, that he "would be blowed if *this* wasn't the last time." By apronfulls and handfulls the children gathered

sparing nothing. the flowers, They heaped them in a large mound in the centre of the lawn, working like a colony of busy ants, running to and fro. Laughter and voices and the trampling of little feet were everywhere in the garden. Marian sat with little Clare in the midst of the growing mound of flowers making a garland. Ralph thought she was more radiant than the roses, as he watched her while he carried on a stiff conversation with Miss Batters. Like the gardener's, the good maiden's spirit was up in protest. Her idea of an orphan was that it was something to be repressed, religiously, of course; for the good spinster was one of those who believe that a narrow charity is a pretty broad road into heaven. Dear me! what a comfort old clothes charity is to many of us, who trade in the cheapest market in the things of Salvation as well as in more worldly commodities? Ah! that rich glow around the heart when we piously bestow an old castoff coat, or shall we say a petticoat, madam? upon some shivering brother or sister of ours, who will begrudge it to us? The junk-man would not pay very many pennies for either, whereas Heaven is an extravagant purchaser.

"Marian knows," said Miss Batters to Ralph, "that I don't approve in the least of her extravagant proceedings. If everybody acted as she does, it wouldn't be very long before the poor were dissatisfied with their lot."

"That *would* be a pretty state of things," said Ralph, who . couldn't resist the temptation to poke fun at the schoolmistress.

"Indeed, it would. Why, none of us, Mr. Winter, would be safe in our beds. It is positively sinful, this entire course of Marian's; but it is impossible to do anything with her. She is perfectly deaf to reason. Look at that little girl in her arms. She is quite unfitting it for its station in life."

"Indeed !" said Ralph. "You don't mean it ?"

"I do, Mr. Winter, really I do."

"And what is its station in life ?"

"Its mother is a mere washerwoman, and its father, if I may speak of such things, is, dear me ! a drunkard—a drunkard, Mr. Winter." "How terrible !" exclaimed Ralph.

"Yet, there is Marian treating that child as though it were her own flesh and blood."

"It seems she loves the child."

"Dotes on it, all because it's a sensitive little thing that loves flowers. Well, well," sighed the schoolmistress, "it's just like Marian. Everything strange attracts her."

While talking, Ralph furtively watched Marian. He had not yet fully recognized the influence which the girl was acquiring over him; for it was manifested merely in a quiet satisfaction which he felt in being in her presence. Ralph, projecting his own feelings into Marian, had come to possess a belief that she had a warm friendliness for him, that flowed out to him none the less surely because it was, at the moment, an under-current. As with heat in light, Ralph's feelings always expressed themselves in his speech and actions. A girl more self-conscious than Marian would have noticed at once Ralph's attitude toward her; but Marian's eyes were not closely enough upon herself to perceive it quickly; and her soft frankness assisted in establishing Ralph's delusion. We must add to this the fact that Ralph's was a tropical nature and his feelings, were they flowers or weeds, grew apace. He watched Marian with a glow of pleasure, as she sat on the lawn, unconscious of his observation, binding the roses together.

"This is to be a crown for my Clare," said Marian, speaking softly to the child, who sat watching her intently. The little face brightened.

"Just a minute, darling. We must put one or two more roses here yet, and then my Clare shall have it."

The child folded her hands intently in her lap.

"There is a lovely one," said Marian, taking a large tearose from the mound beside her. "We will make that the star in the crown, eh?"

The golden head nodded assent.

Marian put her nose to the flower and inhaled deeply.

"Oh, how sweet ! Smell, Clare.'

She held the rose to the child.

"Oh," said the child, just as Marian had said it; and the two little hands seized Marian's and the rose that was in it. "Does Clare want that one ?"

The child folded her hands across her breast with the flower between them.

"What, not put it in the crown ?"

The little head was shaken for dissent, and while Marian sought for another flower the child nursed the rose and kissed it.

"Once upon a time," commenced Marian in a low voice as her fingers worked amid the wreath. The child's attention was seized at once by the sound of that irresistible Open Sesame to fairy land—old Graybeard, what would not some of us give to feel again the magic of that childhood spell. "Once upon a time, there was a little girl who had never, never seen a flower, for she lived in a great forest where none could grow, the giant trees being so greedy they took all the sunlight for themselves. But, one night a great white rose came to the little girl in a dream, and kissed her, and said it loved her. When she awoke in the morning the room was filled with so sweet a perfume that she longed to go to the rose and kiss it, and tell it she loved it ever so much, as it loved her."

The child's face was uplifted to Marian's eagerly.

"But in all that forest, oh, where could she find the rose?" Clare's face fell, and she looked sadly for a moment at the rose which now lay in her lap.

"Well," continued Marian, "this little girl went to her godmother, who was a good fairy, and told her she wanted to see the rose. And what do you think the godmother told her to do? She bade her go alone far into the dark forest, to a distant spot where the wind had smitten down one of the arms of the great trees, so that at night time the moonlight came in from Heaven and made a little silver pool. Well, the little girl set out that morning, and all day long wandered into the woods. The black night came and she was very frightened and hungry and tired before she reached the broken tree and the silver moonlight pool. The little girl searched the pool for the rose; but it was not to be seen anywhere. There was only a great ugly toad there, sitting right in the middle of the light, blinking at her with his big green eyes. The little girl was so sad she began to cry." Little Clare, too, was downcast.

"And the big toad asked her what she was crying for; and, as she told him, she crept up to him, for she loved him because he spoke kindly to her, and stroked his back, oh so softly, for fear of hurting him. But, as soon as she touched the toad, he vanished, and on the very spot where he had been was a big white pearl. Do you know what a pearl is ?"

The little head was shaken.

"It is like that in this little pin of mine; only the pearl I am speaking of was so big that the little girl was able to sit on it. But she wasn't as big as Clare is. When she left her home she was; but, the moment she touched the toad she became no bigger than the point of this little green thorn on this rose. Only the little girl didn't know she had changed. She thought she was just as big as ever. So she sat on the pearl, very, very lonely, wondering how she could get home again. Now, the Dew saw her as he came through the forest, and he built a little glassy bell around her. It was just like a bit of the rainbow, and it shut her in. The air inside the bell was sweet, like the rose she had seen in her dream, just as the air around my Clare is-you smell it, don't you ?- well, that made the little girl happy, so that she sat quite still and looked out of her bell and saw the moon sail away with her long silver robe and the sun come out. And presently the sun stood high up in the sky, right over the pearl, so that the dew-bell, where the little girl was, shone like a diamond. Mr. Winter, please lend me vour ring."

Ralph brought her the piece of jewelry, of which he was very proud.

"That is a diamond, Clare. See how it sparkles!"

Clare clapped her hands as Marian made the stone sparkle in the sunlight.

"Now, that is what the little girl's bell was like. But, the Sun wanted the bell, for really it was his. The Dew had only borrowed it from his great palace. So the Sun dropped down a golden chain and fastened it to the bell and began to draw it up to him. He carried the bell and the little girl in it up above the trees into the sky, so high that the little girl couldn't see the forest as she looked down. Now, the Winds, which are always wandering about, saw the bell going up, up; and it was so bright they seized it and commenced to play with it. They swung it to and fro, on its golden cord like that (Marian swung her watch by the chain), only they made it swing, oh, so far that way and then this way, that the little girl was rocked fast asleep. High, high above the clouds, I cannot tell you how high up, there is a rocky ledge, and the Winds, boisterous in their play, blew the bell against it so that the bell broke, and the little girl was left sleeping on the ledge, on a bed of moss. When she awoke, the sky was pink like this rose, and when she looked over the ledge she could see all around her and beneath her nothing but lovely pink clouds. But behind her, where the land was, far back, stood a great palace made of gold and pearl. A wide path of flowers led to it, and the flowers whispered sweetly as the little girl passed over them to the great steps and up into the palace, which she found was bigger than all the world and filled with ever so many children whiter than any pearl. They were singing, and oh! my Clare, they were so happy."

Marian's eyes were full, her voice quivered, she folded Clare in her arms. The spirit of the story had grown too big for fairy land; it had passed into a vaster region of enchantment, which is encompassed only by angels' wings.

"And the children begged the little girl to play with them, but she wouldn't, for she had not yet found the rose. She passed through the children, on, on, till she came to a throne of gold where a great, kind King sat, and there she saw on his breast her white rose, the rose that had called her in her dreams. The little girl was so glad that she cried for joy, and the great King, when he heard her, stooped down and lifted her into his arms and kissed her, as she told him, with her head on his breast, that she loved him. For the rose was the great white heart of the King."

In spite of herself, a few tears did escape and flow down Marian's cheeks. The compass of the story, of course, was far beyond the reach of little Clare's apprehension; but, her childish imagination made use of the tale as far as it was able to, and the little thing was pleased. As to Marian, her heart had been singing to itself as well as to the child, and she, too, was happy. Her face was radiant when she turned to Ralph.

"Mr. Winter," she said, striving for composure, "please tell the children to come here. The crown is finished, and here are the garlands, white and red ones. Which does my Clare like best, the red?"

"The white ones," said the child.

"Well, the crown is for Clare, and that is all of white roses, except the big one in the middle."

Miss Batters had captured the entire little army of children, and had imprisoned them in a corner of the garden while she explained to them where it was and how it was the bee extracted the honey. At Ralph's summons they scampered readily enough to Marian, who formed them into two wide circles, linked together with the garlands she had made. In the centre of the rings she placed little Clare, and crowned her Queen, and covered her with flowers. Then she joined hands herself with the children; and singing, they danced, circling around the child. Ralph felt his own heart beat unwontedly. The summer sunshine, the joy of the children, the new light even brighter than the sunshine, that shone in so many little pale faces, and the sweet spirit of the mistress of the garden, which was the life of all he was witnessing, moved him deeply. It threw into such sharp contrast, he thought, the very selfish and worldly activities of Posner and his "mu-sik tem-per;" his father and the great Tee palace, and the Rococo movement; his professors at Harvard and their cold pedantic aims; the Rev. Septimus Blessing and his dull sanctimony; his own weak, sensuous inactivity-ah, surely, he thought, God is here if he is anywhere, in the light and sweetness of this moment.

But, ah me! a Shadow, too, was in the garden—the Shadow at whose dark feet we all have to lay, sooner or later, every precious possession of life—our loves, our enthusiasms, our hopes—and one by one see them crushed to dust; everything, until we ourselves creep to the Conqueror, and kiss the foot, and yield ourselves to its pitiless power.

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Still, the little feet danced around and around, and the little voices filled the air :

"This is the way we all go round, all go round, all go round, This is the way we all go round, early in the morning."

This is the way we all go round, early in the morning.

"Ha, ha !" cried a tall man entering the gate. "Go on; don't stop."

"Mr. Fargus!" exclaimed Marian in chorus with several others. Plainly, the visitor was well known.

"Round we go!" cried the clergyman, dropping the portmanteau he carried and joining hands with the children-"What is it? This is the way we all go round, uptedound, upte-dound "—and he sang out loudly.

The appearance of Mr. Fargus stimulated the children. Their feet quickened, and louder than ever their voices rang out. Ralph was forced to join in the chorus. Little Clare too, sang, and clapped her hands in glee. The blue eyes sparkled with joy, and the golden curls swung to and fro with the music.

"Hurrah ! Hurrah !" cried the clergyman. "Hurrah for Queen Clare!"

"This is the way we all bow down, all bow down, all bow down. This is the way we all bow down...."

So runs the song, but the song was never finished, for the Shadow stepped into the dancing circle and it fell upon the Queen. Did`the Shadow join hands and sing, too, "All bow down?" An arrow in the joy struck little Clare. Her heart stopped. With a look toward Marian, the Queen's head sunk upon her breast and she lay amid the flowers.

* * * * *

Little Clare was buried in the cemetery that sleeps on one of the hills overlooking Eastchester. Inexpressibly deep is the sorrow that haunts its green lawns and plots of flowers and shaded, winding pathways. The sobs of how many broken hearts linger around each white headstone? how pitiable is every indication of the struggle of affection with Death and Time, to perpetuate the loved ones? That bed of pansies fluttering in the wind like captive butterflies—sh cwho is beneath, loved them. "Sacred to the memory," sa

an aged, tottering stone, and as we pronounce the half-obliterated name, what meaning has it now in all the world? It awakes not a single memory, stirs not a single heart. Its magic is gone. It is a dead thing. "Is not my victory complete?" cries Death in triumph. "Four short generations ago *he* made these hills yellow with the harvest, and gathered his children around him at evening and taught them of God. Of what use is even the stone now?" Ah, Conqueror, what can we mortals say to thee? Over our dead the angel Hope watches silently, and in her keeping are all our forgotten names.

It was the first time in Marian's life that Death had touched the deep sorrow chord of the heart, and to its vibrations every other chord now moved in sympathy. When she returned home from the cemetery, it seemed to ner, as she looked about the familiar place, that there had come a pause to her old existence, a hush to its activities. She endeavored to busy herself, but her hands were listless, and her thoughts persisted in flying away to the little grave beside which she had stood that day.

"Ashes to ashes, dust to dust," Mr. Fargus' voice filled the silence. The sun sank in the glow behind the hills. "I am the Resurrection and the Life" Marian heard, as she watched the crimson in the West fade and the twilight steal quietly over the earth. Loneliness came to her as the darkness spread over the garden, and she was glad to welcome Ralph when she saw him coming along the walk to her.

The events of the last few days had not been without a profound influence on Ralph. They had loosened somewhat, as such experiences are wont to, his touch upon his old life—the outer world whence he came into Eastchester. His sympathies and feelings became more at home with his new friends. Particularly, he felt drawn towards Marian. The spell which had been working upon him since his arrival was complete. The voice of his own heart became audible to him. "I love her," it said, and Ralph was conquered. Was it a commonplace conquest ?—philo-progenitiveness taking to housekeeping—the dull, colorless, ephemeral passion which often is dignified by the name of love, or was it with Ralph a vision that had burst in upon him of

a wide charmed sea? $\Theta \alpha \lambda \alpha \tau \tau \alpha$. The sea! the sea! Have not some of us felt the ringing exultation of the old Greek cry when during the weary journey through the commonplace of to-day's life we catch sight of the wide prospect of the magic waters of Romance where Love is Lord? Golden is the sunlight that dances upon that sea, the winds whisper music which tempts and yet defeats the power of song, and we know that below. the horizon, whose bright light beckons us from the shore, stretches the unmeasurable world of our ideals. " Mere delusion, stuff," cries our practical friend, who believes in nothing that won't bear his own weight. Delusion! Well, good sir, what is there that is not delusion? Are your narrow commonplaces, your ledger account of Life any less of a delusion than our romances and ideals. The final hunger of the Last Man dying will be for an ideal. The human race is only to be saved from mockery by the truth of its dreams. As to Ralph—well, we shall see. Love at the very first is always a trifle afraid of its own shadow.

"I am glad you are come," said Marian.

"Are you?" asked Ralph. He held her hand for a moment longer than usual. "Mrs. Carrol has gone to the Cathedral with Mr. Carrol, and, as she thought you might like to come too, she asked me to call for you."

"Both of you are very kind," said Marian. Ralph noticed the sadness in her voice. He would like to have tried to cheer her, but he felt the effort would be vain and that silence was best.

As they entered the Cathedral Close, they could hear the organ rolling forth like a solemn evening prayer. Mr. Carrol had left the north door ajar for them. Entering the building, its darker twilight, deeper shadows and stiller atmosphere constrained them almost to a sudden pause. The great aspiring piers and spreading arches, the high, shadowy roof, the silent tombs, the ghost-like statues of the dead of many centuries, the mystic distances along the nave and aisles, faintly lit by the pale flush of the vast stainedglass windows, all was instinct with, and indeed seemed bound together by, a solemn, sanctified peace. It stole in upon the heart, made it, too, one with the building, so that

it was as though for a time it beat within a larger frame, to the murmur of prayers, the echoes of chants, the whisper of sacred hopes; for surely every wandering footstep, every beating heart, every uplifted voice that had ever been within the building lingered in the spirit of the place.

Themselves like shadows, Ralph and Marian stole into the organ-loft and took a seat beside Mrs. Carrol without speaking a word, in order not to interrupt the old organist. No one could be more sensitive than Ralph to the influences of such a moment and such surroundings. Old Mr. Carrol's musical ideas were commonplace enough, and his power of expression limited. Yet, despite the deficiencies, his playing set chord after chord in Ralph's heart sympathetically vibrating until, for the younger man, the air was ringing with melodies and vast harmonies to which the old organist was deaf. Marian's feelings, too, against which she had been struggling all day, were heightened by the moment.

After a while, the organist ceased playing, and sat irresolute.

"Let Mr. Winter play something, Mr. Carrol," Marian whispered.

Without a word, the old man arose and gave Ralph his seat. No moment so attuned to every aspiration and feeling had ever come to Ralph before. It seemed to him as he glanced upward that the pipes of the vast organ were huge golden bars imprisoning a great spirit. His fingers tingled for a full touch of the keys; and when they descended on the board the whole soul of the man went forth in the triumphant roll of the organ that burst forth like a cry and echoed with a hundred voices. The spell that had bound Marian all day was broken—the pentup tears were liberated. Ralph has never had any idea of what he played that evening; whatever it was, it was completely transfused by his own passion and was a perfect expression of his feelings.

The first outburst of the organ had scarcely died away, the music had just sunk into a softer strain, when our friends in the organ-loft were startled by the uprising of a voice from the darkness below them. It was so clear and

sweet, so perfectly attuned, in spirit as in tone, to the music, that it didn't break in upon Ralph as an interruption, but, as another and subtler inspiration and impulse for him to bear along. The first sound of the voice thrilled Marian like a lonely cry in the twilight. It was instinct with her own sadness and longing for comfort. It was what the organ tones were not-it was human. Instantly, Ralph felt that he and the singer were one, their hearts beating in the same rhythm, throb for throb. From height to height the inspiration carried Ralph, but high as he might go, he could gain no mastery over the voice. The ecstacy of the moment was such as Ralph had never experienced before. His entire nature was at the pinnacle of exultation; it cried in triumph through the music. He liberated the whole power of the organ, the gloomy air of the Cathedral seeming to tremble under the power and passion of the song. Higher and higher the music rose, but from height to height the voice of the singer mounted easily with it. Only once in a hundred lifetimes do these full moments come; but they, too, pass away as all things pass away, and as Ralph ceased playing his very soul lingered with the last echoes as they died in the vast building.

"Brother," cried Ralph, excitedly, as he arose from the organ, "you have been with me where I shall never be again."

"Who is it ?" asked Marian, almost as deeply stirred as Winter.

Ralph hurried down from the loft, making his way as fast as he could in the dimness, which had deepened apace. He caught sight of somebody like a shadow hurrying for the open door at the end of the transept. He reached it barely in time to intercept the singer, who pushed past him without a pause out into the Close.

"Who are you, friend ?" asked Ralph.

"God knows." The bitterness of the reply startled Ralph. Before he could speak again, the stranger, whoever he was, was gone.

CHAPTER X.

BUT ONE STEP MORE.

A FEW days after the events recorded in the last chapter, Mr. Pilgrim found it necessary to visit London in search of material needed for the "great history." That gentleman frequently found the thread of his narrative tangled with his facts, and to straighten matters out usually had to hurry off to the metropolis to explore the libraries or purchase a small wagon load of books.

Mrs. Carrol had divined the state of Ralph's feelings for Marian. One evening she hinted playfully that she feared "somebody" was planning to rob her of her "treasure." Ralph was quite willing to make a confidante of the old lady. He frankly confessed his "presumption," declared that Marian was the perfection of womankind, and acknowledged that his heart, inadequate as that very inferior article was, had been completely given to her. Of course, Ralph made his confession in perfervid language, which we spare the reader because it adds nothing to the fact.

The open acknowledgment of his sentiments gave Ralph somewhat the feeling of being formally established in his position, particularly as the old lady said, at the close of his declaration :

"I would like to see Marian married. I think it would be a good thing for her. But, you must see, Mr. Winter, her thoughts, so far, have run little in *that* direction; not that it signifies anything, for girls that marry soonest are very often those who have determined never, never to wed. Marian is tied, however, to what she regards as her work, and I am inclined to think she will not yield easily or without a struggle with herself. You must be discreet, Mr. Winter, and *very patient*."

The old lady emphasized the last words significantly. When Ralph thanked her for her advice she said perhaps she could help him. She would see. Probably Mrs. Carrol was carrying out part of her scheme of assistance when she insisted that Marian should stay with her while Mr. Pilgrim was away in London. As the old lady seemed so bent upon having her way Marian kissed her and consented. There was one room in the organist's home which no one but Marian was ever allowed to occupy—the room which had belonged to the old couple's daughter.

Mr. Pilgrim was in London for nearly two weeks, and during that time, naturally, Marian saw a great deal of Ralph, although she spent the greater part of the day at her schools at Smeltham. She was driven to them early every morning, returning home in the afternoon; but in the evenings she strolled with Ralph and Mrs. Carrol through the lanes and roads of Eastchester and the country around, or sat in the parlor listening to Ralph who, at times, played without interruption even by so much as a word until the evening was far spent. In this way the acquaintance between Ralph and Marian passed into a familiar friendliness which naturally was very delightful to Ralph. His exaggerated attitudes, his over-strung admiration of admirable things, his sweeping denunciations of what displeased him, his fierce, fighting opinions, quietly amused Marian, who had a gentle sense of humor which was always wide awake. But she perceived behind the exaggeration a certain stable earnestness which she admired. She told Mrs. Carrol she thought Mr. Winter a very interesting man, a statement which drew from the old lady:

"Yes, dear, I find he improves very much, the more one gets to know him."

These quiet evenings were the pleasantest in Ralph's life. It seemed to him he was on the very brink of complete happiness, merely abstaining for a brief time from seizing the bliss that, after all, was really his. The self-repression he felt he was exercising possessed a sort of subtle ascetic sensuousness which I think is ofttimes even more delightful than complete enjoyment; for appetite therein is ever keen, and imagination never sated. There was not a discord in those peaceful days. They were of the kind that bring sunshine into Memory forever.

The Egotist is seldom very far away from the lover. When the Princess arrives we hasten to don our most becoming clothes, for the inner man as well as the outer; and, from the real King downwards, who can wear his "best" without posing? Old Mr. Tuck, of Tuck & Bias, the Fifth avenue tailors, is of a philosophic turn of mind, and has a very interesting work, still unfortunately in manuscript, treating of the beneficial effect of clothes upon the physical and moral man. He is courteous enough to read it, in parts, to certain of his customers; and I must declare, even at the expense of being, by the uncharitable, suspected of disingenuousness in revealing the fact, that I was deeply interested by his account of how many cases of physical and moral slovhe had cured by frequent additions of enliness fine clothes to the individual's wardrobe. Ralph attired himself in his spiritual "best" for Marian; and if we, who know him too well to be deceived, find him posing a little at times, we mustn't be surprised or think very badly of him. The world is forever trying to draw men's characters with straight lines. The feat is as impossible as to depict their faces in straight lines. If the portraiture is to be truthful, the lines must cross and curve and blend and loose themselves in one another. Not only are men not good or bad, but I am half inclined to think it may be said that every excellence and every defect of character must have its reverse side; at any rate, in the present condition of human nature it usually has. The kind, loving, charitable heart lacks moral firmness with others and shuns dealing sternly and righteously with a brother's failings and weakness. The clear, strong intellectual vision, like a perfect lens, is achromatic, deficient in poetic color. The busy worker is a poor dreamer (and the dreamer, too, has a place in the world, though a despised one these days). The keen touch for actualities, lacks the forward feeling for possibilities, generosity tends to become a spendthrift, and Justice cannot forgive.

After the garden party, Ralph had a strong desire to visit

Marian's school at Smeltham, so one morning our two friends arranged to walk over the hills to the manufacturing town which was some five miles distant. The Marl, as it flows through Eastchester, is a slumberous stream. It meanders among the hills as though it loved the way. It is navigable to an extent even further up than Eastchester, and cumbersome, barge-like boats can be seen at times creeping up through the hop fields and corn fields to the old Cathedral town, laden with coal or some such bulky commodity. The road from Eastchester to Smeltham keeps, as it were, within elbow touch of the river on its way, and it was along it that Ralph and Marian set out. The summer was in its fullness: fields and gardens and hedges and trees were all at the height of their glory. Like a true wanderer, who doesn't count his steps, but seeks rather a direction to travel in than a destination to reach, the Smeltham road meandered, like its companion, the River, between the hills, past old farmhouses and residences, often only the roofs of which were visible among the trees. The weather the day before had been stormy, but now the sun was triumphant and a brisk, fresh breeze was driving huge fleecy clouds across the blue sky like remnants of a retreating army. Ralph and Marian had to breast the wind, which was so strong that it impeded progress. On the hill tops our two friends had to bend forward to meet it.

"Oh, isn't this exhilarating?" cried Ralph, loudly, for the breeze whirred in his ears.

"Yes, delightful," cried Marian, busy trying to keep her hat in position and wayward locks of hair out of her eyes.

"Grand," said Ralph. "This is the weather I like. It stirs a fellow to motion. We get so little of it in America. Do you know, Miss Marian, I'm getting to like the English climate."

"For a good American," said Marian, "I'm afraid you are getting to find too many charms in England."

The words went further than Marian dreamed of. Ralph looked at her for a moment.

"Yes," he said, "I'm in love with a great many things in England."

"We'll make a monarchist of you yet, Mr. Winter."

"I wouldn't object a bit, if I could choose my own kingdom."

"What kingdom would your Republicanship select?"

"The United Kingdom of course," Ralph said, smiling at the double-sided conversation.

"You couldn't make a better choice, Mr. Winter."

"I am certain I couldn't."

"I shall have to tell the Dean of this and your—friend, Mr. Kneesman." Marian laughed; Ralph laughed, too.

"Oh, wait 'till I'm King."

"You are being naturalized very quickly, Mr. Winter. How long have you been in England ?"

Ralph told her.

"And nearly two years in Germany. You must long to be home again ?"

"On some accounts, yes; but I haven't accomplished yet what I left home for."

"May I ask what it was? You have never told me?"

"Certainly," said Ralph; "but to make matters plain I must tell you a little more than you ask. Do you care to hear?"

"Indeed, I do," said Marian, earnestly.

"Well, then," began Ralph, and the Egotist drew a picture of his life, the perspective at least of which was quite subjective. Certainly no one else would have viewed his life exactly as Ralph did, nor would any one else have made the central figure *quite* so interesting. That is to be expected however. Every man's account of his own misfortunes, failings or disappointments is largely a story of how he was sinned against or defeated in his good intentions by somebody else. The successes of our lives are wholly our own; it is our failings that we share in so liberal a way with others.

"A useless life," said Ralph, in conclusion, with disingenuous frankness. "I wonder what is yet to come of it."

"Great things, I hope," said Marian.

"Do you really ?"

" Of course I do."

"It would help me, Miss Pilgrim, I think, if I felt I had to justify your good opinion of me." How excellent an opportunity, fair reader, for a little sentimental byplay! How easy to drop a handkerchief to the mock knight! Perhaps he may pick it up and really treasure it, but pshaw! what matters it if he does not; cambric is cheap. But Marian was not given to playing sentiment. We may divide mankind into two classes; those who say more than they mean, and those who mean more than they say. Of the former was Ralph's, and his speech sounded weak and false to Marian. Character, she thought, should stand firmly on its own feet, and not morally be a dependent upon anybody else.

"You don't mean that, Mr. Winter, I know. I am sure you don't need any such silly help as that to do your part in the world. You have your duty to fulfill, not an opinion of mine to justify."

Ralph winced.

"Duty! Miss Pilgrim. With a man duty, in the large sense usually is his ambition. I wish somebody would show me what my duty is. I mean beyond merely pointing to the general moralities. Duty! Pshaw, it's as much a Will-o'-the-Wisp as anything else we run after. Now it's here and now it's there."

"May not the instability be in yourself, Mr. Winter."

Ralph admitted the possibility.

"I think it is *you* that are unstable. You have the artist's temperament, Mr. Winter, you are *selfish*." The last word was uttered emphatically. This vigorous pushing home of criticism wasn't pleasant to Ralph.

"Selfish !" he repeated, awkwardly. "Well, I suppose I am; few of us are as generous either in *word* or deed as we should be."

"Are you trying to hit me?" Mr. Winter. "By selfish, I do not mean that your hand or your purse is closed. Perhaps selfish is not the word I should use. By selfish, I mean you are the centre of your own life; you are your own life; you rest in yourself. A few minutes ago you said your life had brought you few satisfactions, that even these were fleeting and disappointing; that unhappiness was the under-current of your existence. That is natural. What reason have you for expecting anything else?" "And why not?"

"Because he who seeketh his life shall lose it."

"Texts, texts, Miss Marian. To order one's life by texts and expect to make anything of it is about as hopeless as as—well, trying to run a locomotive with paper."

"Ought we to reject the truth because it is given to us in a text?"

"No, no ! not if it is the truth, of course."

"Ah, Mr. Winter, it is the truth that I tell you. Your own career should testify that to you. You have been a seeker from the first of your own life and you acknowledge that you have realized nothing, not even from your music, your last and fullest search for yourself."

"But wait," said Ralph, significantly.

"Ah, wait! Time will make no difference; the hundredth experiment will be as the first. There is nothing in your music to save you. It is a degraded thing at best, Mr. Winter; a noble gift which you are using as the servant of a narrow personal gratification, something that in a way whistles your moods and then bows to you and says: 'Oh, Mr. Winter, how admirable you are.'"

Despite the earnestness of the girl, Ralph could not refrain from smiling. At the same time her words had gone home and were whispering uncomfortably in Ralph's inmost soul.

"No wonder, Mr. Winter, you do not believe in Christ. I see it all now. We must understand the Christian life first before we can understand Christ, who is the sum of it all. Beyond Christ is God, and with God is immortality and all that we hope for, but only dimly comprehend."

Ralph was silenced. Marian waited for him to speak.

"Surely," said Ralph, "Faith is the only road to Christ; and, believe me, I am not perverse. I cannot find Faith. Faith is a matter quite beyond our control. It is something given to us. Am I not right?"

"Not quite, Mr. Winter, I think. I believe it is possible to build up our faith in the Christian life little by little, until at last we reach Christ through it."

"Proceed experimentally; construct our Faith, as it were, scientifically?"

Marian objected to the phraseology. Science was

scarcely more than a name with her of something reputed to be very disturbing to Faith, and consequently to be feared. However, she answered "Yes." Neither spoke for a moment.

"How would you advise one to proceed?" asked Ralph.

Marian was looking over the hills, half lost in thought. Her eyes lit with anticipation when she heard his question.

"Do you mean it?" she asked, turning to him.

"Yes," answered Ralph, half in earnest.

"That is good, Mr. Winter," said the girl, joyfully, and the accent of gratification pleased Ralph.

"Take any one of Christ's teachings, that very one we were speaking of a moment ago, and see if as you live for others you do not find your life happier and fuller than it has ever been."

"But may not that be a very self-seeking life, doing good in order that we may be happy ourselves?"

Marian was confused for a moment.

"That musn't be your motive, for what we are striving for is not to be selfish."

A turn of the road brought Smeltham into view before our two friends. How unlike Eastchester, this town of to-day! Factory chimnies, huddled houses, grime, smoke, din-all charm, all peace, all enchantment gone. Even the heavens could scarcely be seen through the smoke, and the fresh waters of the Marl, as the river flowed through the town, under arches and between canal banks, were polluted with acids and dyes, and the scourings and refuse of scores of factories. And for what? What had been obtained by this great sacrifice of the soul's possessions. A larger humanity? or merely a larger market, full of things? A civilization of calicoes and brass and iron goods, or greater dignity of life. Hard as it is to believe, let us hope the best: let us pray for it; let us work unceasingly for it. The cost of modern life is tremendous. It is appalling to count. It staggers the scul. On Fifth avenue, dressed in fine linen, after an excellent dinner we can be optimistic. The drowsiness of comfort is on the eyes. What magnificent homes! What elegance! What lovely children! What handsome women! How perfect the dressmaker's

art! There is millionaire Tallowfat and his wife in that handsome equipage with those really (will no one tell Tallowfat of it ?) too gentlemanly-looking flunkeys. There is the Billionaire Club, where the other day, so the newspapers say, who are delighted with such things, young Maltby, the great brewer's son, called for a Cleopatra cocktail, in which a pearl that cost nearly a thousand dollars was dissolved. Who, with these indubitable evidences of the worth and greatness of our civilization, can fail, my dear sir, to be optimistic. Dare we stop to think of what lies underneath all this-the squalor and dirt and din of our factory towns and factory existence, that vast engriming of humanity that accompanies modern life, the dirty existence which the masses lead which one may almost say is founded upon the factory, and factory conditions? Among Tallowfat's 1,600 workmen I happen to know that there is one, Jenkins, a miserable bag of bones, so thin you would think he made tallow of himself every day. He has been "blessed" with four children, and the eldest is dying of consumption. They live in a close, fetid tenement house in New York, over a butcher's store in Tompkins square, one of the East Side' "People's breathing places" - dusty, trodden grass-plots, littered with paper and old tin cans, where a few stunted city trees struggle for life. I happened to be passing that way some weeks ago. Knowing that the girl had had a relapse, I made my way upstairs through the smells and children to the Jenkins' apartment. "Oh, Mary is much better," said Jenkins' wife, who was "cleaning up" in a sort of tornado fashion. (Why is it the poor are always "cleaning up," ever without visible results?) "She's in the front room." I passed through the narrow, dark, shaft-lit chambers, where the night smell of the unmade beds was still quite strong, to the parlor-(Oh, the fearful machinemade furniture and chromo-pictures)-where I found Mary propped up with pillows at the window. Ι asked her if she was enjoying the sunshine. "Yes," she said, smiling faintly. "It's so good. It's like the country look-

ing out here. The doctor said I oughter go to the country, but this is almost as good."

Hear this factory child, ye nymphs and dryads of stream and wood. Tompkins square! I took a peep at the "country." The whole picture was too sad for words, for at that moment it occurred to me that the Sunday previous the papers published an adjectival description of 'l allowfat's new "cottage" at Tuxedo. Why! the wines served at one of the millionaire's swell dinners would have kept Mary in the country for months. Shall we take off our hats, Reader, and hurrah for this sort of civilization, and declare that it is all right because it is not easy to prove logically that it is all wrong? Argue as we may, the heart cannot be satisfied with the spectacle of the tragic contrast between the rich and the poor-"the State in a fever," to borrow old Plato's phrase. Despite the harsher judgment of our financial sense, we turn with longing to the dream of a simpler, sweeter life.

Smeltham is noted for its tanneries, iron works and breweries. Englishmen are very proud of the town. Its manufactures go to every part of the globe, and, like Manchester, Birmingham, Sheffield, it is one of the props of Britain's "greatness." It is quite as filthy as the worst of our purely manufacturing towns, but comparisons are not necessary. It is very squalid, very dirty, very prosperous; except in the central pa:t it is a great huddlement of factories and workingmen's homes. Marian conducted Ralph rapidly through an entanglement of narrow, winding streets. The girl was evidently well acquainted with the way.

"Is this your route every day?" asked Ralph.

"No, except when I walk. Usually I drive to Miss Spinney's house and then walk to the school with her. Miss Spinney has charge of our little girls. We are late this morning. She leaves home at half-past eight."

After the pleasant morning tramp over the hills from Eastchester, each step of the way into Smeltham seemed to Ralph like a descent into a dreary inferno of ugliness, where creatures were confined who had committed some crime against the nobility of mankind.

"This place is enough to make one shiver," said Ralph.

"It is not very pleasant," said Marian, gravely, "but the greater part of Smeltham is no better."

"What sort of life can people possibly live in a hole like this?"

"Thousands know nothing better. They are born and live and die here."

"It's fearful," said Ralph.

"Ah! Mr. Winter, you must get beneath the surface if you really want to see what life is here."

"Poverty, drunkenness, misfortune, I suppose."

"Yes, there is that; but the worst feature of all is that so many human beings are part of these surroundings, born from them you may say. There is the school, Mr. Winter, at the end of this street."

"The low factory building on the right?"

"Yes. It was used as a small tool factory. We moved into it only a short time ago. We whitewashed it inside and out, put in new windows, and are much better housed than ever before. We were on Pitt street, the second turning from here."

The street which Marian and Ralph had just entered was only a few hundred feet long, terminating at the river. It was lined with a number of low, irregular factory buildings, brass foundries and ironworks, whence issued the din of busy hammers. The school was a structure two stories high, the upper of which was reached by an exterior flight of stairs. The passer-by would have mistaken it for a workshop, but for its clean, tidy look, and the words "Tubal School" painted in large black letters on the front wall. The legend formerly ran Tubal Iron Co., and when the repainting was done Marian let the old name stand, merely changing the latter words in accord with the new use of the ' building. The ground floor was a single barn-like room, the ceiling of which was supported by rough iron columns. It had been converted into a school-room, as Marian had said, by filling in the windows with glass, by whitewashing the walls and ceilings, by laying a wooden floor, and building a large brick fireplace in the place where the big forge fire had stood. Several maps and a number of framed engravings

taken from the illustrated papers decorated the walls. The window sills were filled with hardy plants. These additions, with the ranges of desks and the blackboards completed the furnishings of the room. When Marian and Ralph entered, about two hundred children, boys and girls, apparently of every possible age, from four to perhaps twelve, were standing in long rows before a harmonium which one of the teachers was playing. They were singing a simple air. The voices dropped almost to silence when it was seen that a stranger accompanied Marian. Without a word. Marian took a place with the teachers by the instrument and joined in the hymn. The sweet childish chorus rose again, though scores of little eyes were fixed on Ralph, many recognizing him as the stranger who had played with them at the Bungalow. The thrill of the music was pleasant to Ralph. It was the first agreeable sensation he had felt in Smeltham. When the song was finished Marian introduced Ralph and the teachers to one another, and afterwards asked Winter to play for the children, which he did willingly. He recalled all the childish airs he could think of, and when Marian called for the chorus the children joined in with spirit and carried Ralph along from one song to another.

"Perhaps I'm stopping the studies," said Ralph.

"No, no!" answered Marian, eagerly. "Don't stop, play on," and for nearly an hour Ralph led the school. When he ceased, he felt a glow of satisfaction, such as had not been his for many years. It was strange and very pleasant.

Marian revealed the pride and pleasure she took in the school by the quiet diligence which she exercised in showing it to Ralph, and by her delight, expressed in a half-restrained smile, at his interest or admiration. She took him to the different classes, showed him the work the scholars were doing, and to the kindergarten where Marian herself was the principal teacher. Outside, in the rear of the main building, was a long, low workshop, which had been converted into a rough refectory, furnished with tressel tables and wooden benches.

"Do you feed your children too?" asked Ralph, as he was conducted through the room.

"Yes. Many parents wouldn't see that their children attended regularly if knowledge was the only gift we had for them."

"I understand," said Ralph.

Marian then led her visitor to the floor above, by way of the exterior steps already spoken of, which were in reality little more than a substantial ladder. Here Ralph was surprised to find a more elaborate establishment than the school below. The greater part of the floor was arranged as a meeting hall—a small stage, equipped for lectures or concerts, with a reading-desk, a huge blackboard and a piano—and beyond, circle after circle of benches. Off from the hall was a reading-room quite comfortably furnished, the walls of which were lined with books all in rough canvas covers.

"And this?" asked Ralph, looking around.

"These are the Tubal Club Rooms."

"And do you manage this too?"

"Oh, no. The men, most of them the parents of the children downstairs, manage this themselves. Indeed, they manage the school as well—that is, there is a committee, four of the men, the Dean, Mr. Kneesman, and—myself."

"Why the men? Isn't the Dean and yourself and my friend, the Rev. Mr. Kneesman enough?"

"No, management is education; besides, the men know their own lives and necessities better than we do. If it wasn't for their aid we would do a great many foolish things that would thwart success. I don't think you have any idea, Mr. Winter, of how much rough wisdom and hard common sense the working people possess. Besides, they know their own wants so much better than any one else, and for practical results it doesn't do to build above the heads of people. Does it?"

"Miss Wisdom," exclaimed Ralph, laughing.

"But, am I not right?"

"Of course you are right," said Ralph. "But what are these I see?" continued he, glancing at the book shelves. "Karl Marx, Henry George, Toynbee, Bellamy, Webb, the Fabian Essays, Economics of State Socialism, Death and Disease Behind the Counter, Labor Movement in America,

Tom Mann, England for All, George Howell. Why, Miss Pilgrim, is this a revolutionary club?"

"No. It's a Workingmen's Club. Why?"

"Do you think this literature of disaffection is the proper sort of reading for working people? Have you gone through it yourself?"

"No," said Marian, quietly. "I have never read any of it."

"If you had," said Ralph, "I am sure you'd banish it all."

"I don't think so, Mr. Winter."

"What, not if you disagreed with its teachings, which I am sure you would ?"

"No, indeed ; the workingman must develop his life from his present position; must work out his own ideas, strive for his own ideals, work on to wisdom from his own point of view. His ideas and methods may not be yours, Mr. Winter, but they are the only ideas and methods that can be real and vital to him. He cannot possess the drawing-room view of life, nor strive for drawing-room ideals by drawing-room methods."

"But suppose he is on the wrong track, as we say in America."

"He is not, Mr. Winter, despite mistakes and shortcomings. God may forsake the individual, but never the people. In the end, He will bring good out of the effort of these people for a fuller life. Besides," she added, "I have only a voice in the management here."

"But you supply the funds?"

"The Committee," said Marian, hesitating, "find what is needed."

Ralph was standing in front of the girl. He took both of her hands in his. The words were wrung from him :

"You noble girl," he cried.

It was the uplifting of a strange, worldly voice in the sanctuary. Marian blushed deeply. For a moment she bowed her head in a sort of shame. Her hands still remained in Ralph's. When she lifted her face to his it was marked with something like pain, and big tears were in her eyes. Without a word, she hurried down to the school-room. The Tempter had spoken to her, the Evil One that stands so close to the Good, so ready to whisper and desecrate.

Try as Marian might to silence Ralph's words, they would not be silenced They sang to her with a siren sweetness. They thrilled her very being with pleasure; a deadly pleasure she felt. It was as though the nun had seen her face reflected in the Virgin's eyes and read there that she was fair. What was Eve's temptation to this one threatening the peace of Innocence of the Garden of Eden. As to Ralph, though the words were 'uttered quite without premeditation, reflection approved of them thoroughly. She must be pleased, he thought. Besides, they are true. He felt he had advanced one step nearer to Marian.

His admiration for the girl, however, acted reflectively. The light of her goodness revealed to himself critically his own narrow life. The Teacher was busy with him. The neophyte was getting to his knees. But was the Teacher God or Love? Ralph himself could not tell. The lesson was accompanied by a gentle feeling of elation. Ralph perceived what he regarded as the goodness of his own nature. It was like witnessing a mild apotheosis of one's self. "No common nature," he thought, "would be stirred by the admirable as I am."

Whoever was the teacher, chance visited the Tubal schools that afternoon and pressed the lesson closer home to Winter. Ralph spent the remainder of the morning in the Library, and then dined with Marian and the children. By this time his interest had pretty completely traversed Marian's little establishment, the novelty was exhausted, and he felt a sneaking desire to get away from the place. He wandered into the town through the finer business streets, and when tired of walking hired a cab to drive him about. In this way he obtained in a few hours a wide glance of Smeltham, and though the town, even at its best, lacked charm or beauty of any sort as completely as the machine-made goods it turned out in such vast quantities, it impressed Ralph, for it was after all a great living thing. The strong pulse of modern life beat in its activity, and its bustle and manifold noises whispered of multitudinous desires which had traveled by devious ways from the four quarters of the globe, and were the genii which had created the town, and day after day crept into the machinery and the very muscles of the great army of toilers, and kept all in motion. There was a grim kind of poetry in the thought for Ralph.

If modern commerce forges the chain of a dirty and prosy slavery for millions of mankind, is not the same chain alsobinding the world together in a brotherhood that year by vear becomes closer? Who knows but that some day the iron fetters will be transmuted to gold? Turk, Russian, Australian, Indian, Chinaman, were all in a way at work with the mechanic at the Smeltham factories, and beyond the doors of the noisy buildings the imagination could see Rhenish vineyards, American cornfields, Canadian forests, strange tropical lands, busy cities under the Western. sun, minarets of the Morning Land, sleeping little villages. and wide seas. Ralph's unpleasant impressions of the morning were crowded from his mind by the sight of this larger vision. "Patience and Faith, Faith and Patience," an inner voice cried. "All will yet be well. God who is Love, and Beauty has not forsaken the World. But do thou thy part in Patience and with Faith."

These thoughts were at work with Ralph when he returned to the schools. The children had departed, and Marian was awaiting him.

"I didn't mean to be gone so long," he said. "I have kept you waiting?"

"No," replied Marian, vacantly. She hesitated before saying anything more. "Mr. Winter," she recommenced, diffidently, "I have just received—a telegram—from— Mr.—Professor Dunsey. He has disappointed me."

"How so? What has he done?"

"It is what he has not done." Marian lifted her eyes to Ralph's from the paper she held in her hand. An experienced coquette could not have acted better. "Mr. Winter," she said, eagerly, "I want you to do me a great favor. Will you?"

"Indeed I will, with pleasure."

"Well, Professor Dunsey promised to lecture on Iron to the club to-night. Once a month, you know, we have a lecture. This is the first time I have undertaken to make the arrangements, and here's the result: Professor Dunsey telegraphs that his wife has been taken very sick, and he cannot possibly leave London."

Pause.

"Well," asked Ralph, after a minute, "what can I do with the dilemma? Go to London and drag the Professor to his engagement by the hair of his learned head—if he has any?"

"No," said Marian. "It is too late for that." Then she continued, diffidently: "I want you to take the Professor's place."

"Lecture on Iron! Me?" cried Ralph, in amazement. "Why, my dear Miss Pilgrim, I couldn't tell iron from steel to save my soul from everlasting perdition. A lecture from me would be very funny. Gentlemen and—will there be any ladies? iron is a very useful metal of a black or grayish color, found, if my information is correct, in the bowels of the earth, in a great many places. It is made into pigs and sows, too, I think. It is...."

"No, no," said Marian, "I want you to take the Professor's place, not his subject."

"Oh, and ?" asked Ralph.

"And," said Marian, coaxingly, "tell our people something about Music. You will be at home there."

"Yes, but my house isn't in order for company."

Marian felt she was gaining her point.

"But the visit is an informal one," she said, laughing. "Will you come upstairs, Mr. Winter. Come along, Miss Spinney." When the trio entered the hall Marian said, "Sit down at the piano, Mr. Winter."

Ralph did as he was bidden. "Now?" he said, striking a chord.

"Your audience is before you, Professor Winter. We want you to tell us what sound is—what a musical sound is—how it differs from an unmusical sound. What is melody? what is harmony? We want you to illustrate the matters for us. We...."

"Hold ! Hold !" cried Ralph. "One thing at a time, pray."

"Well, then, what is sound? What is the difference between a high or treble sound and a low or bass sound? Remember, Professor, we are very ignorant, and would take it as a favor if you will give us the simplest explanation you possibly can. No big words."

Step by step, in this manner, Marian led Ralph along from vibrations of the air, the length of waves and strings, to the nature of musical concords and discords, the formation of chords, and the rudiments of harmony. At every point possible Marian cried: "Show us on the piano, Professor," and she got Ralph to remove the front of the piano, so that "the audience" might see. When Ralph had finished, she gravely proposed a vote of thanks for the Professor and three cheers.

"There, Mr. Winter," she said; "you see how much buried treasure you have. You will repeat that lecture for me to-night, won't you?" She put her hand on Ralph's arm. The appeal was too strong to be refused.

"I will do anything for you," said Ralph, so fervidly that Marian blushed. "But," continued Ralph, who would have given a great deal to be free from the task, "it will be no lecture, I can do no more than chat as I did with you, and I'm not sure I can do that before a crowd."

"Nothing could be better than a chat. It's the very thing."

"Will you be present to help me along with a question or suggestion in case I come to a stop anywhere?"

. "To be sure. I will be with you, and so will Miss Spinney and Mr. Kneesman, and the Dean's wife ..."

"Pray stop—don't make me afraid of my audience before I face it."

The "personages" Marian had named and a few others were present when the lecture began, with one hundred and fifty workingmen of the neighborhood and their families. The Rev. Kneesman introduced Winter to his audience, alluding to him as "a great musician, really one of the greatest I have ever heard." The compliment made Ralph smile, but nevertheless it was pleasant and, of course, it raised the expectations of those present. The rows of inquisitive faces uplifted to Winter's disconcerted him at first, but little by little, as he began to speak, the inquisitive look gave place to one of interest. The illustrations on the piano

were particularly attractive, and as many of the audience seated in the rear of the hall were too distant to see the keyboard of the instrument they crowded on to the stage. Ralph soon became at home with his hearers, and then all hesitation, either of ideas or speech, vanished. "Here, Sir," he said to a tall, bony, long-armed workman who had edged up to the side of the piano, "please strike these three notes—so. You notice they are in harmony." The lankey fellow was thrown into awkward confusion by the request and endeavored to sidle away.

"Go it, Bill," cried a voice in the crowd. "He is a musicianer, mister. He's preached 'armony to us many er time."

A roar of laughter followed, amid which Ralph took hold of Bill's reluctant big, coarse fingers and tried to get them into the position to strike the chord.

When they did touch the keys there were at least six notes beneath them. Louder laughter followed the performance and "Bill" fled the stage.

"See if he can strike three five pun notes at once, mister," cried a voice.

This sally brought down the house again.

At the close of the lecture, the entire audience gathered around Winter and they kept him playing until Kneesman declared it was time for the ladies to be getting home. Then three cheers were given for Ralph, and right lusty cheers they were too, and everybody smiling voted that the evening was the "pleasantest yet."

On the way home, Marian gratefully thanked Ralph. She was delighted with his success. Her praise rang in his ears. "You don't know, Mr. Winter, how much you have been keeping to yourself."

"Such as it is, it has taken you to find it and bring any of it to the surface."

"No, Mr. Winter, you are finding yourself."

Marian gave him a warm good-night. Her hand lingered in his.

One step more, thought Ralph, when he was alone. You are an angel, my Marian, and I love you. No wonder I have been a discontented cuss. She is right, I've lived a selfish life.

The old Hildesheim dreams faded away. The future would be with Marian.

I will help her in the schools, said he; and as Ralph constructed project upon project, he became more and more pleased with himself in the role of teacher and philanthropist.

To be continued.

