ALL RIGHT IN THE END.

Your heart is bowed with a transient acter, and I knew of no earthly reason "'O, if those wretches had but regrief.

Your eyes are misty with tears: There's a sorrow deep and there's no accept him on presentation. It was tained the boat and saved you!" relief

Ahead in the maze of years.

Yet sorrow may be your friend; So keep up your courage a while and that gave him a wide margin for future said very quietly:

pray. "Twill come out right in the end.

There never was day so dark and drea: though unaccompanied by any lady, before I am quite conquered.' But that, ere the sands had run,

"clear To the smilling face of the sun. There never was cruel stab or blow Inflicted by foe or friend

But there was a balm, God willed it sions, 80----

'Twill come out right in the end.

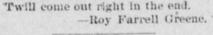
wronged

Or throttled by vengeful lies,

longed.

rise. O, heart, rise up from the slough's despond

Your faith must not swerve or bend; had improvised an extempore bush Let hope be pinned above and beyond -



CVER THE DAM.

By Mrs. M. E. Kendall.

"Now, Lou, be good, and tell us down to the foot of the island, when honestly how it came about that you, our oarsman, by a sudden overstrain of once Louise Crofton, the belle of Ivy- his left-hand oar in bringing the bow side, became Mrs. Darwin, instead of of the boat round toward the island. the wife of the handsome, elegant, re- snapped the treacherous blade short fined Charles Mountain, the semi-mill- off in the row-lock. The mishap sent ionaire, to whom Madam Rumor and Fallonsby sprawling backwards into all the rest of us had you more than the bottom of the boat, and in his tunnineteenths engaged."

That is the question that I, as speaker oar, which in a moment drifted beyond pro tem for a party of petiticoated pesis, our reach, and there we were, helpless, put to Mrs. Louise Darwin, the petted drifting at the mercy of the current wife of an honest, upright, very plain, each moment becoming more powernot overeducated, independent farmer. ful-right down toward the Falraela to whom she had been eighteen months dam, over which the river dashed in a married, and whom she loved with her foaming cataract, and where escape whole heart; while Denton Darwin from destruction would be a miracle. worshiped her as the devout Persian "For the space of-it might have been does his sun-delty.

"Don't you know, we went over the breathless with astonishment, and terdam together?" was the inconic and ror. The silence was as profound as swer I received in behalf of myself and that of the tomb, and the frail skiff was and so we besieged the somewhat reti- exclamation of joy broke from Moncent Louise en masse, threatening her | tain: with suffocation by hugging-all of us "'Failonsby, there is a chance for us. -right around her neck, unless she Down yonder where you see that rock surrendered at discretion, and afforded just above water, the depth is not more

us the information demanded. "O, yes; most of us remember your river. By stripping off coats and vests. your husban1 that is now. But then can gain the shore by wading." that was two and a half years ago, and " "And would you abandon these help

Charles Montain was rich, refined, of chaimed in a tone eloquent in its very good family, unexceptionable in char- bitterness:

should certainly avail himself.

why any girl, having her affections en- mained and coupled their strength with listed in the right direction, should not mine, how easily we might have sus-

only that my own affections were not | "Then finding that he could no longer so enlisted that I did not accept him un- force the skiff another atom against the So it seems to you as you weep to-day, conditionally. As it was, I declined surging current, he resolutely set himthe proffered alliance, but in a manner self against the lower gunwale, and

pursuit, of which he assured me he " 'Louise and Mary, I will battle against our fate while my strength "Mr. Darwin was of our party and al- lasts. Perhaps relief may reach us

he was very entertaining, attentive and "At that moment a clear ringing The clouds would shift and the heavens serviceable to all; and before the day shout reached our ears from the water was half over every one of us of the a little distance above us, and looking feminine persuasion voted Denton Dar- in the direction whence the shout came win an absolute necessity in all future we discovered a man fighting his way picnic, boating or woodlawn excurtoward us with superhuman efforts, in part supported by a branch of some "By the merest accident, about an light wood. As he drew near we rechour previous to the time fixed for our egnized Charley Cheever, who, as we return home, five of us-Charles Mon- subsequently learned, had been ramb-There never was love so cruelly tain, Denton Darwin, Philip Fallonsby. Hing alone about the foot of the island, Mary Watson and myself--met near and observing the accident of the oar where our little flect lay moorel to the breaking at the moment it occurred But time atomed for the joys you river bank; and at some one's sugges- had instantly cast aside his boots, coat tion it was resolved that in one of the and hat and plunged into the stream, And love that was crushed would beats we should make an excursion hoping to overtake us before we around the foot of the island, and, pull- reached the dam, and aid us as he ing up in the eddy on the opposite shore | might by his superior knowledge of join the remainder of our party, who water craft.

> "On reaching us, Charley was quite concert near the bank on that side. as much exhausted as Darwin himself, "Entering a light skiff, the smallest and his first word was a declaration of the fleet, we set out on our miniathat it was sheer folly for them to atture voyage, and with Fallonsby, who tempt to sustain the boat there until was an expert waterman, at the oars, they became utterly helpless, and finwe went gliding down the swift current ally be forced over the dam like an old as gracefully and fleet as the startled saw log.

"'Give me a hand here-both of you "We were in mid-channel, and almost girls. Now-a long pull, a strong pull, and a pull all together.' And by the united efforts of Mary, myself and Charley, that young gentleman was in the skiff directly, and not many seconds later he had Darwin in also, and the boat was drifting swiftly onward again towards the dam.

"Charley Cheever was a discarded ble he lost overboard the religiating suitor of Mary's, while Fallousby, who had so basely abandoned her in the moments of extreme peril, rumor said was her accepted lover.

"Queer arrangement, wasn't it, girls? There we were, two foolish girls, drifting to destruction with our rejected suitors, while our accepted ones were perched on a rock away up there in the middle of the river, like sea-lions, only thirty seconds, all remained quiet and there was very little of any sort of llon about them.

'Now, then, Denton,' said Charley. inquisitive clients; which answer made whirled with fearful velocity toward gaily but carnestly, 'iet us to work and us only the more clamorous for details, the yelling dam. Then a boisterous wreck this craft a triffe more, that we may have something to save her with. Wrench out that thwart on which you are sitting, while I help myself to this one. So-we are supplied with tolerable paddles-now you take the bows, and I'll go aft; keep one eye on my mothan four feet all the way across the tions, and assist my navigation with all going over the dam in company with and holding firmly to each other, we the might that is in you. I've been three times over that old dam, with more water rolling over than there is this evening. Help me all you can. if I don't pilot you down that channel without ruffling a feather. I'll agree to "I can never describe to you the fearful plunge, for every sense was merged In that of concentrated vision, and that fixed upon the stern, resolute features of the two heroes who were so genertion.

A BIG ICE MINE.

It is In Virginia, and is Thought to Be a Relic of the Ice Age.

One of the greatest curiosities in the United States, or in the world, perhaps, is the wonderful ledge of ice which exists, even in the midst of the hottest summer, in Scott County, Virginia. This natural ice-nouse is situated on the north side of Stone mountain and about six miles from the have been known to at least one of the hunting away back in 1830. Owing to to the fact that the land on which it was situated could not be bought. Mr. Dunridge positively refused to tell of the wherabouts of the ice ledge, and only visited the place when it was ab- similated by the herrings, then absorbsolutely necessary to obtain a supply to

be used in case of sickness. The old man died many years ago, and from that time until 1893 the location of Dunridge's ice mine was unknown, the old gentlemen having never even taken his own family into the secret.

In the last year mentioned, however, a party of herb diggers visited the upfrequented region contiguous to Stone Mountain and were fortunate enough to re-discover the lost ice mine.

During two or three months in the middle of summer the ice is only protected from the sun's rays by a thick growth of moss. The formation of the ice layer is similar to that of a coal vein, being thin in some places and thicker in others, the average being about four feet. Persons of scientific attainments who have visited the place for the purpose of studying the wonder say it has the appearance of having been there since the time of the ice age, which the geologists talk so much about. Another plausible theory is that somewhere beneath the bed is situated a great natural laboratory, where other ice is constantly formed and expelled, and that the process of freezing is is in the Mariposa grove, with its ginow constantly going on. Whatever vlew is taken of it it is one of the fords.

Birds of Ill Nature.

Among those birds which stay at home, especially the most domesticated, horses were at one end of the opening there is often an exhibition of unkind- through the trunk, while the end of the ness seemingly unaccountable, says a writer in the Cornhill Magazine. The the horses and the coach exactly markgraceful swan, e. g., is one of the most ing the diameter of the huge tree. These ungracious in its ways. Not only (in trees are the Sequola Gigantea, and are the breeding season) does a male bird the tallest trees on the earth, except resent the intrusion of a strange gen- the eucalyptus giants of Australia, tleman, but it will spend the day in which are smaller in size of trunk but driving off from its domain any un- considerably taller. The Grisly Giant lucky geese, which might be plainly as- is ninety-three and a half feet in cirsumed to have no designs upon its do- cumference, thirty-one feet in diameter mestic arrangements, and have, in- and about two hundred and seventy deed, no desire beyond that for a com- feet high. One gigantic specimen in fortable wash and swim. It will also the Calaveras forest is 106 feet in cirpursue even the most innocent of new- cumference and 276 feet high. The

Nature in the Ocean.

It is estimated that the cyclops will beget 442,000 young in the course of a year; and if these were all permitted to mature and reproduce themselves,

the seas would in a short time be a simple mass of living organisms. But the cetochilus, or "whale food," constitutes almost the exclusive food of the vast shoals of herrings and the sea-living salmon and salmon trout. Their existence is one of the greatest economic mouth of a small stream known as triumphs of nature; for these minute Stoney Creek. The marvel is said to creatures scour the sea of its refuse and. keep it sweet, while they form the food earlier settlers, a Mr. Dunridge, who, it of the fishes which in turn furnish is alleged, discovered it while deer wholesome food for millions of human beings,

> Feeding on dead vegetables and animal matter, these entomostraca are converted into these food fishes of the world, by one remove, being first ased by the tunny, cod, mackerel and other fishes which follow herring shoals and prey upon the latter. They mainly swim on the surface of the water, and it is the search of them in this position which brings the shoals of herrings to the surface. Their countless numbers are also augmented by the microscopic larvae of fixed shells, such as the barnacle, which begins its life in this form, first as a one-eyed swimming crusta-

cean, then growing a pair of eyes, and finally affixing itself. In rivers these larvae are the sole food of all young fish, and often also of older fish. In early spring the crei tures in every stage-eggs, larvae, and perfect, though microscopic entomos-

traca-swarm in the water on the mud. and on the water plants, and were it not for nature's provision for keeping them in check, so rapid would be their rate of multiplication that the whole character of the water would speedily be entirely changed .-- Pittsburg Dis-

Cigantic Sequoias.

patch.

The Valley of the Yosemite, in Cali fornia, is about one to one and a half miles long. The great natural scenery gantic sequoias. The Grisly Giant and Wawona are the two most famous of greatest natural wonders the state af- the great trees. Wawona is the tree through whose hollow trunk stage coaches are driven. When a party was recently driven through in a stage coach with four, the heads of the four coach was at the other, the length of born ducklings while they unwittingly monach of the grove is fallen, and half of its mighty trunk has been consumed by fire or has decayed. It is known as the Mammoth.

BREAKING UP A NUISANCE.

A Circus Manager Ends the Played-Out Call for a Doctor.

"Your story about calling for a doctor in the circus," said a retired bowman, "reminds me of the way we broke up a nuisance in a good-sized Pennsylvania town. I was on the road with a farce-comedy company, and we put in two weeks at the town in question. there being a big military encampment there and a county fair to boot. We drew good houses all through the engagement, and were booked for an early return. I don't think we had been there more than one night before the doctor nuisance began. There would come a hurried messenger from the box office to the stage manager with a request that he ask if Dr. Bolus, or whatever his name happened to be, was in the house, and if he was, to send him to the office at once. Of course the stage manager couldn't very well refuse, and general attention was directed to the medical man, much to his satisfaction. We soon found out that the doctors who were so much in demand were very small medical fry, and there wasn't a doubt that they had had themselves called for in order to secure the consequent notoriety. Well, we stood it for a few nights, and then an idea occurred to me. I took a walk up the main street until I came to a certain sign hanging over the stairway. I went up to the office indicated and hat a brief conversation with its inmate, ending it by handing him a reserved seat tickets.

"That evening immediately after the first act and before any messenger from the box office had a chance to arrive. I stepped out in front of the curtain and held up my hand. Then in my gravest tones I asked:

"'Is Dr. Chizziold in the house?" "Immediately a very tall colored man, with a bushy white head and huge silver mounted spectacles, arose in the audience and said:

"'Here I is, sah.' "The audience tittered, but I kept my

gravity. " 'You are wanted at the box office at

once, doctor, in a case which requires your immediate professional attention." "As the aged medicus ducked to me

and hobbled from the room, the audience broke into a wild roar.

"Perhaps you will understand the cause of their merriment when I add that the old man was a corn doctor, and probably the best-known eccentric character in town.

"Well, there was no more doctors called from that stage during our engagement."-Cleveland Plain-Dealer.

Singular Death.

Earl Blackwood, the twelve-year-old adopted son of Clarence Blackwood. who occupies a farm about four miles from Blackwood, Pa., came to his death in a singular manner recently, says the Philadelphia Ledger. He was accidentally hanged while playing in his father's barn.

we have never quite determined how less girls to destruction without an efthat simple circumstance could have so fort to save them? indignantly asked Denton; and you girls keep quiet, and entirely revolutionized Louise Crofton's Darwin. matrimonial ideas." " 'Self-preservation is the first law of

swan.

"I am well aware how widely you all nature,' replied Montain, dashing his swim up stream over the dam." guessed of the truth in discussing the coat, hat, and yest into the bottom of incident and its results. But as I always the skiff.

argued it was really the business of no ""We can only save ourselves," cried one except myself and the man who is l'allonsby. And down went his coat now my husband, I know of no reason and panama, along with Montain's. why you should not be permitted to ""Go, then, cowardly wretches that ously periling their lives for our salvaguess on to your heart's content, with- you are!" exclaimed Darwin, contempout my volunteering an explanation." tuously. 'It is some relief to know that

"Now, Lou, you're a tyrant, and a our last breath will not be drawn from seathed, and then I think I fainted, for barbarian, to snub us in this manner. an atmosphere tainted by the presence I have no recollection of anything fur-We only wanted to-" of such poitroons.'

"Ah, yes, girls-I understand. You "The boat had reached the apper only wanted to add a few more meshes edge of the belt of shallow water, and had hastened across the river, and to your man-catching nets. Well, you without reply to Darwin's taunt, Monshall be gratified; not that I approve of tain and Fallonsby simultaneously dimity man-traps; but that one or two leaped overboard, and grasping each safety. of you are in need of an illustrated ar- other fiercely, began fighting their way gument, and perhaps all of you may laboriously towards the shore. But an deem it advisable to go over the dam | escape by fording was a far more diffisome day before dropping your family cult feat to accomplish than they had fection on the rock there by themselves identity at the altar forever; and so I imagined; and by the time they had reached the rock alluded to by Mouwill tell you the story."

really good, Lou!" And we all got closer the distance from where they leaped around Louise Darwin, flinging our- from the boat to the shore, they were wards. selves down on the velvet sward under both so entirely exhausted that it was the old elm out there on the lawn, in a with considerable difficulty they man-Estening attitude. Lou told us the aged to drag themselves out of the story very prettily and briefly. I will water upon the flat surface, affording endeavor to be as brief; though I can scarcely sufficient room for two pernot hope to be as entertaining with a sons, and in no place a foot above the pen as Mrs. Darwin was in her real water. communication.

stances in brief, as they occurred.

crossed in boats the larger branch of desperate effort, and he made it. the river, to a narrow, wooded island generally.

him nor any man, I had no idea of givour relations of friendly intimacy should continue uninterrupted.

his heart, hand and fortune.

"Mr. Montain's attentions to myself had for several months been so particugagement, which assertion I never took ourselves doomed to perish. the pains to contradict. Indeed, I was rather proud of such a possibility: for men cowering there on the rock, and ex- course of the Fram.

"We passed the seething vortex unther until awakened by the congratulations of our whole party save two, who down the bank to the point where Darwin and Charley had landed us in

"When the base conduct of Montain and Fallonsby was proclaimed, it was voted unanimously that a night's remight be of service to them. In the following morning, however, they were "Ah! there's a darling. Now you are tain, and which lay at about one-third brought off: but they were never very well received in Fairfield society after-

> "A year later, Charley and Mary, Denton Darwin and myself, all went over the matrimonial dam together."

Temperature of the Polar Sea.

Some of the members of the Nansen "In the meantime Darwin had not expedition at Tromsoe have been re-"Several of you girls were eye wit- effortless resigned himself and us to lating to a Reuter's correspondent some nesses of the incident; but as some of impending fate. You would think that of the scientific facts gleaned during you were not, I will relate the circum- under the circumstances there was the expedition. During the course of nothing that human agency could the cruise the crew had on several oc-"A party of some thirty persons, achieve to avert our doom. It was thus casions exciting encounters with bears, quite one-half of whom were young that Mary and I argued at the time; North of 84 degrees, however, no antladies of about my own age, had but Darwin thought our lives worth a mal fife was found to exist, and this would seem to cast some discredit on "A moment after Montain and Fal- the hitherto prevalent theory that if a about a mile above the Fairfield dam, lonsby left us he was overboard also, | sufficiently high latitude could be atfor the purpose of fishing, wandering striving like a very Hercules for our tained, one would come to dry land and in the woods and social enjoyment salvation. First he endeavored to sus open water. Lause birds are to te tain the boat against the current by seen flying toward the extreme north. "Three days previously Denton Dar- setting his shoulder against the down- This northerly flight of the birds is win had solicited my hand in marriage, stream side, and seeking to force it now believed to be attributed to their and I had rejected him-not rudely and gradually endwise towards the rock, having lost their way or being blown heartlessly, for as a friend I regarded against the upper side of which, if he out of their course. The depth of the him very highly; but as I neither loved could but gain it, he quietly informed water in the extreme north also seems us he could securely lodge the skiff to indicate that there can be no land ing myself away until my heart had a until some one of the other boats could near. Soundings taken at 84 degrees word to say in regard to the transfer, come to our rescue. Finding himself | latitude gave a depth of from 1,310 to Tids I frankly told Darwin, and though baffled in this attempt by the force of 1.520 fathoms, and further north the he regretted his failure, he was in no the current, he dexterously whirled the lead reached even greater depths, as wise offended, and it was agreed that bow of the skiff up stream, and plant. much as 3,186 fathoms, it is said, From ing his feet firmly against the projec- observations made in 1894-96, the temtions of the ledgy bottom, he sought perature of the sea in these regions was "Charles Mountain was my escort up- first to force the boat diagonally across found to present several peculiarities on the occasion, and availing himself of the stream towards the shore. In this At a depth of 109 fathoms the water an opportunity that occurred during a he for a little time made some prog- was cold. Then came a stratum of ramble through the wood, he declared ress; but the strength of the current about 382 fathoms with some degree of his love for me in a manner somewhat was too powerful for human endur- heat, and under this stratum about 490 impetuous, and besought me to accept ance, and our brave champion was fas: fathoms of cold water. The proporbecoming exhausted. While we-poor tion of salt in the water varied a good helpless things-all we could do was sit deal. These conditions were pretty there and pray God to spare so gener- much the same everywhere. The furlar that local gossip had declared an en- ous and brave a hero, even were we ther north they got the less current and tide there was, while the wind began to "Darwin glanced towards the two exercise considerable influence on the

rejoice in an early taste of their common element.

When an only child has passed out of the cygnet stage of life and grown to full physical, if not mental, maturity, father and mother swans have been known to fall upon and deliberately beat it to death with wing and beak. The gratified parents swam gracefully about the mere in which they lived, while the great white corpse of their son lay, battered and dead, upon the shore. The following year. after another had been born to them. and in infancy carried upon his mothcalmer autumn, when the fierceness I have seen a gander leap upon the of gratified revenge.

Daylight at the Ocean's Bottom.

Experiments made by means of photographic plates in the Mediterranean, near Corsica, show that sunlight penetrates the seas to a depth of 1.580 feet. The penetration depends on the transparency of the water, the Mediterranean being exceptionally clear. Usually the light of the sun 150 feet below the surface of the ocean is no more than that of the moon, while at a depth of 300 feet it is scarcely equal to the glimmer of twilight, and at 600 feet in many parts of the ocean there is perunder 150 feet of water. The Caribbean Sea is of crystalline clearness, objects being discernible on the bottom at a very great depth.

Heat in the Arctic Regions.

Suffering from heat in the Arctic regions seems incredible. Lieutenant Gilder relates his experience while in King Williams Land, and declares that nowhere on earth is one more annoyed by sunburn than in the frigid zone, The heat compels him to throw back the hood of his fur coat, and by thus exposing his head not only his face becomes blistered, but if he wears his hair thin his entire scalp is affected as soverely as if scalding water had been poured upon him.

Pennies in Hiding.

There are 119,000,000 old copper pennies somewhere. Nobody knows what has become of them, except once in a while a single specimen turns up in change, A few years ago 4,500,000 bronze two-cent pieces were set affoat. Three millions of these are still outstanding. Three million three-cent one is seen. Boston Budget.

A New Fuel.

M. Paul d'Humy, a French naval officer, has originated a process for the solidification of petroleum for fuel purposes. From an account in the Progressive Age it appears that heavy common oil has been converted into a solid block, as hard as coal, burning slowly, giving off an intense heat, and showing no signs of melting-a ton of er's back, they began to treat him so such fuel representing thirty tons of roughly that, not being pinioned like coal, and occupying a space of but them, he wisely flew away, and we three cubic feet, as against the large saw him no more. Curiously enough, space required for coal. M. d'Humy geese which have experienced rule, recently exhibited samples of the artiness from swans in the lusty spring cle and experimented with them. have been known to retaliate in the Among the samples were several of the solidified fuel and of low grade oils, of their enemy had become mitigated. and in addition to these there were samples of the same fuel in dry powback of a once arrogant swan and der and paste the petroleum powder pound away at it in the full enjoyment and paste mixed together and forming a hard homogeneous mass, with a great specific gravity, and, when burning, giving off a flame three times its own volume and a remarkable heat. Tests to determine the production of smoke or smell failed to indicate the

She Rides With Her Husband.

A stockman from Yakima, Washington, passed through Lewiston, Idaho, the other day, on the trail to Missouri with 200 head of horses, says the Lewiston Teller. In the company were husband and wife, and the lady will make the journey over the mountains and across the continent on horseback. petual darkness. Near Mindora, it They have only begun the journey, the Indian Ocean, corals are visible but the few days have been somewhat eventful. The horses are wild, and they stampeded on Snake river, before reaching this city, and fourteen of the number went over a 200 foot precipice and were crushed to a pulp by contact with rocks in the fall.

The Wonderful Mimic Snake.

The Dakotas, Montana and Wyoming, are the States in which the most wonderful specimen of American reptile is found-a snake which is able to mimic the call of any of the bird family. One which some Government naturalists were recently watching imitated the call of the Bob White to perfection. While the serpent was under surveillance it coiled itself up in the long prairie grass, swelled the parts about the neck and head to about twice their usual size, and emitted several bird calls as plainly as the feathered musicians themselves could have done it

Antiquity of Cotton Cloth.

Herodotus mentions the making of cotton cloth in India B. C. 400. While not as elegant in texture and appearnickel pieces are scattered over the ance as that from our modern mills, United States, but it is very rarely that vet the ancients had the natural lim and beiter wearing quality.

Mr. and Mrs. Blackwood took the boy to an entertainment in Philadelphia on Thursday night and what he saw there appears to have made a deep impression on his mind, as he talked about it a great deal the next day, and it is thought that he came to his death while trying to repeat some of the circus feats that he had witnessed. Before he went into the barn he told his mother he would be back in a short time and help her to perform some household duties. Some time afterwards a boy living in the neighborhood went into the barn and was horrified by the sight of young Blackwood suspended at the end of a rope which was fastened to a beam overhead. He raised an alarm, and the body was cut down immediately, but all attempts at resuscitation were unavailing.

The rope from which the boy was suspended was a plough line, with a loop at each end. He had evidently fastened one end of the rope to the beam overhead, and then passing his head through the loop at the other end had strangled himself.

Cost of Paris Exhibitions.

The exhibition of 1867, with a total area of 176,000 square yards, cost \$4.-500,000; in 1878 the expenditure amounted to \$10,000,000, of which \$8,-360,000 went for the exhibition properly so-called, and its 296,000 square yards of covered space: \$1,700,000 was expended on the 17,300 square yards of the Trocadero Palace, and the rest was absorbed by the gardens, the aquariums, the cascades, etc. In 1889 the estimate showed a total anticipated expenditure of \$8,500,000, and, what is very interesting and curious, the actual outlay fell short of the estimate. since only \$8,000,000 were spent on the exhibition, leaving a balance available for the maintenance of the palaces on the Champ de Mars, which will now, in part, at least, have to be demolished, In 1900 it is intended to spend \$18,000,. 000, but of this onefifth will be devoted to the construction of the new palaces that will remain in the Champs Elysees as permanent monuments, There is an enormous increase in the scale of the 1900 exhibition, as compared to that of 1889, since it is intended to spend twice as much money upon it as was devoted to its predeces-BOT.

Paper Shoe Heels.

Paper has been adapted to the manu. facture of shoe heels. The pulp made in the ordinary way in digesters is mixed with alcohol, litharge, tar and fish glue, and allowed to soak a day or two. The pulp is then rolled into sheets, shellac and slaked lime being put in. As this hardens when dry, the pulp must be rolled and cut into heels before the hardening. These heels are more durable than leather, and can be furnished at a fraction of the cost of that material.-American Artisan,