dome of St. Paul's, which is 350 feet in height. We soon recognized the outlines of these gigantic structures. It was about 5 o'clock in the morning. Soon afterward, we saw outlined in the distance the immense quantities, of noxious gases, and thus wards off a first time they have been on public exhibition here. course of the Thames, from its mouth as far as to beyond Windsor Castle. Keeping ourselves in the right chief security for pure air is removed, the mainte-lemon colored, back of neck orange, breast white, path, we preserved our horizontality as far as to the Crystal Palace, which we left to the right.

toward the sources of the Thames, we opened the valve be then silenced, another will yet remain, for happily in order to bring ourselves toward London Bridge through a lower current.

This maneuver was thoroughly successful, and the great river was crossed at an altitude of 800 feet in the vicinity of the Tower. Having reascended to an altitude of 1,100 feet, we allowed ourselves to be carried along by a S.S.W. wind, which caused us to cross the city near St. Paul's, the Artillery Grounds, Victoria Park, and the entire north part of the city.

Seeing that we were leaving London, we began to descend, and, despite the violence of the wind, found it possible to stop without accident in a beautiful meadow on the banks of the river Lee. We were at Totenham Station, a charming village to the northeast of the metropolitan district.—La Nature.

----Electric Lamps for Coal Miners.

The London Colliery Manager strongly urges the adoption of electric lanterns in place of the ordinary mining safety lamps. A portable electric lamp can now be made, possessing the following features: Weight, about three pounds only; illuminating power, five candles; size and shape, similar to present lamps; duration of light, ten hours; cost of repairs, charges for battery and materials, one penny for ten hours. It will be seen that in these respects there is nothing to prevent its immediate adoption, and the entire cause a purer and cooler atmosphere, and are the redisplacement of the present lamps, and even candles, in many mines where they are still in use.

A strong argument in favor of the continued use of candles in slightly gaseous mines is that they give a better light than the safety lamps, and throw a stronger light on the roof. But this argument is entirely overthrown by the electric lamp, for its illuminating power is some fifteen or twenty times as much as a Clanny lamp, and about ten times that of the ordinary miner's candle.

The small globe which contains the incandescent arc can also be placed on the top of the lamp, throwing its light all around as easily as in any other position.

The electricity in this lamp is supplied by a primary battery.

While it is satisfactory to hear that the weight is only three pounds, and therefore but little heavier than present lamps, which are generally about 21/2 pounds, it would surely be a mistake to allow that consideration to stand in the way of the adoption of come from Nubia, Abyssinia, and are very rare. The a lamp which offers so many and great advantages, and we should not hesitate to waive the objection if Egyptian deities, representing a man with a dog's the weight were six pounds, though it would cer- head, is taken in part from this species of baboon. tainly be less convenient to carry for firemen and They are even larger than Remus Crowley, the chimothers who have much walking in the mine.

lamps would not exceed twenty shillings each, and that, if manufactured in very large quantities, the cost would be considerably less.

In respect to the consequence of breaking a lamp in gas, there is admittedly a spark exposed at the precise moment of breaking the vacuum globe; but no danger from it, in even the most explosive atmosphere.

The present lamps may receive many jars and shocks, and even be dropped to the ground, without serious injury, and frequently without putting out the light; but it is to be doubted whether their future. This inhospitable conduct on the part of Mr. Crowrival, the electric, will be equally obliging, although, ley was responded to with fierce barks by the baboons he in this respect, much may possibly be done by constructive modifications.

considerable, and to hold it aslant or with water will in no way damage it. These are valuable features, and there are many others. Its seen here, have been placed in the sea lion pen. They light will neither affect nor be affected by the purity of the surrounding air, and it must very much increase the comfort and health of miners to remove from a large mine several hundreds of the present lamps, which, burning not only a large quantity of oil daily, but many of them also burning a large quantity of fire damp, though then giving less light rather than more, have an effect on the atmosphere which may not be noticeable with a thermometer or a chemist's Virginian deer is white. When full grown, these deer appliances, but that much reduces the comfort and will stand nearly five feet high at the withers. The with by men working in hot places.

attach to a superior light. Nearly every kind of work may with it be more efficiently performed, especially the cleaning of the coal before loading. The dangers of hanging roofs and sides are brought into promi-spotted and striped.

could distinguish either Westminster Palace or the nence, and thus great advances are made in both safety and economy.

Fearing that we might miss London and ascend But though a very convincing witness of impure air perch, they keep up a constant chatter. the fire damp of mines is usually accompanied by a also arrived. These geese are found only near the explosion emanating from a safety lamp will be lessof such lamps. But for our part, we would go to the birds. full extent, and not retain one of the present lamps except as gas indicators for use in shot firing, and then only failing the practicability of other indicators.

> We believe the adoption of electric lamps will not give rise to neglect of ventilation, but quite the reverse, for, as we have suggested, the necessity of limiting the maximum velocity of the air currents will be removed, and in the majority of large mines very large air roads have been formed, and only an increased water gauge will be needed to circulate a much larger ventilation. This may well be the next step in the onward march of the mining art.

> Let us see, then, the picture which is conjured up by these thoughts for the morrow. A mine most brightly illuminated, which has not the odor of burning oil, which has no lamp stations, no lamp keys, no caution boards, but with an increased ventilation and higher air velocities, which imply no danger, but sult of more powerful ventilating machinery without outlay on the already large airways. To complete the pleasant prospect, one thing is needed, the plosions and the wholesale slaughter of the workers will then, we may hope, be altogether overcome, and each man will feel free from the incubus which now ever much more than formerly on his own watchfulness. The chief agencies through which a slight flaw at some point or the gross carelessness of some one man may now jeopardize hundreds of lives will then be in great measure counteracted.

NATURAL HISTORY NOTES.

Two large dog-faced baboons (Cynocephalus anubis. F. Cuv.) arrived at Central Park recently, and are now on public exhibition in the monkey house. They mythological symbol called "Anubis," one of the panzee; and with a view of making a pleasant break It has been said that the cost of a number of in his life of solitude by the introduction of agreeable companions, the dog-faced baboons were brought up to the door of his cage. Mr. Crowley was seated at his table eating his porridge, with a napkin neatly tied around his neck, as is his custom when at meals, and was in the act of conveying a tablespoonful of the porridge to his mouth when he caught sight of this immediately dies out, and electricans anticipate the visitors from Africa, who, seated in a movable cage, were regarding him with looks of polite surprise. In an instant, he wrapped his arms around the bowl of porridge, leapt from his arm chair, and fled to the further corner of his cage, where, with the big wooden spoon held aloft, he assumed a threatening attitude. without, who showed their teeth savagely and gave other evidence of a desire to make Mr. Crowley's The heat of the portable electric lamp is quite in- nearer acquaintance. Under the circumstances it was to splash it thought best to put the baboons in a separate cage.

Two very large cranes (Grus americana), not before are about 4½ feet in height, and hence larger even than the sand hill crane. One is in full plumage and white, while the other is of a beautiful light brown.

A pair of mule deer (Cervus macrotis) are the most recent arrivals in the deer park. Their great ears, coarse hair, and big-jointed limbs give them a striking appearance. They are dark gray in color and the tips of their tails are black, while that of the health of the miners, and would be gladly dispensed first deer of this variety ever in Europe reached the dangerous to labor, wat he hez shud be confiskated and London Zoological Gardens in 1879, being sent thither The electric lamp has also all the advantages which through Mr. Conklin, the superintendent of the Cen- is a crime. tral Park menagerie.

The copperhead snake (Ancistroden contortrix) has now with her a litter of young copperheads curiously

A pair of caique (Caica melanocephala), a species of "parrakeet," as the paroquet is now called by na-It must be said for the present lamps that their turalists, was recently presented to the city, and are light gives warning of the presence, in dangerous now to be seen in the parrot house. This is the possibility of suffocation; and that when the existing | Their coloring is very striking; head black, throat nance of an adequate ventilation may be neglected, back and tail green. Their habitat is Demerara; and and injury to health caused thereby to the miners. sitting, as they constantly do, close together on the

A pair of Upland geese (Bernicla magellanicus) have smell which the practiced miner can readily distin- Straits of Magellan and the Falkland Islands, which guish. And, further, it must be conceded that if it is regions being colder than this, no trouble is anticithought necessary to retain in a mine a few "safety | pated in acclimating them. The male is white, with lamps" in the hands of the firemen, the chance of an | breast and under parts barred with black, while the female is brown with black bars. They breed freely ened in at least the same proportion as the number while caged, differing in this respect from most wild

Six pythons, each ten feet long, recently came here from India, and, though intended for the Central Park collection, could not be accepted through lack of funds, and four of them were lately sent to the Philadelphia Zoological Garden. They are of the class Pythonida molurus, the same as that supposed to have been slain by Apollo. It is the same description, too, which Virgil describes as attacking Laocoon, the Trojan priest of Apollo, who urged his comrades not to admit the wooden horse of the Greeks through the walls of Troy, which in reality contained a band of armed men, and led to the discomfiture of the Trojans.

Professor Torrey, in his "Theory of the Fine Arts," complains that the famous statue of "Laocoon," representing Laocoon and his two sons within the folds of two pythons, as pictured by Virgil, is defective because of the misconception by the artist of the instincts of the python in biting. Mr. Frank Thompson, on the other hand, who imported the pythons recently shipped to Philadelphia, and who has hunted them in Africa and India, tells the writer that Professor Torrey is in error as to this. Taking economical substitute for present explosives, which one from a box at his headquarters at 411 East 56th shall be without danger in the midst of coal dust or Street, recently, he exhibited its teeth, or rather the fire damp. The causes which lead to devastating ex- python did it for him. Both jaws were seen to contain a myriad of serrated teeth, and Mr. Thompson's right hand, which is now gashed about the thumb, is a striking illustration of the fact that the threatens him, and will know that his safety depends python can and does bite. He bites to secure his prey, and holds on until his folds are securely wrapped about it. Then he kills it by constriction. The python is not difficult to capture, and he tells the following story of his last hunt for it in Java: The Malay attendant having found a hole among the rocks where he believed a python lay hid, filled his turban with sand, which he spread out before it. The next morning, the sand showing the monster to have gone out and returned, a trap was made of bamboo and placed immediately against the mouth of the lair, and the following night a great python crept in and was easily secured.

Petroleum V. Nasby on Socialism.

I hate a capitalist, no matter how he becum one. I hate the meenspirited, grovelin retch wich will work ten or more hours a day, deprivin hisself uv beer, and terbacker, and cards, and bilvards, and hos racin, and sich, savin peny by peny til he hez ground enough out of the world to hev a shop uv his own, and to employ other men to slave fur him, and thus go on akumulatin til he owns things. Such men are monopolists, and the enemies of labor, and grinders

I hold that the possession of a ten dolar bil makes a monopolist, and al sich shood be crushed. Ez hevin a ten dolar bil makes a man a monopolist, his monopolism increases jist in proporshen to the ten dolar bils he hez. The owner of a factory is a enemy to the human race, and ez for the man who bilds a railroad,

"Is a monster uv such hidgus meen. That to be hated needs but to be seen."

My hatred of rail road managers is intens. It commenst with the first time I wuz aropea on the nina platform uv a trane for not payin fare, and hez increst with every repetishun uv the ofense, which generally happens every time I want to go anywhere. I lothe the ralerode monopolist.

A grindin monopolist is any man wich has anything. Whenever a man hez saved anything, he becomes a capitalist, and ez capitalists are dangerous to labor, he should be made to divide it up so ez to be on a ekality with them wich never saved nothing.

The mechanic or workingman wich saves so ez to own a house or a farm becomes a capitalist, and consekently a grindin monopolist, and ez accumolashens are divided up among us wich hezn anything. Property

I ain't jist shoor that I hev got the socialistic doctrine down fine enuff, but I think these definishuns will do, espeshly when you howl em under a reg flag to luvers uv humanity wich is chuck full of stale beer.