DESERET EVENING NEWS: SATURDAY, MARCH 24, 1900.



heat, runs as follows:

When lofty Spain came towering up the seas This little stubbern land to daunt and quell, The winds of heaven were our auxiliaries And smote her that she fell.

Ah, not today is nature on our side! The mountains and the rivers are our foe, And nature, with the heart of man ailied, Is hard to overthrow.

This outspoken and rather indiscreet

hill after hill like the waves in a rough ground.

rican military situation in a nutshell. possible. The Boer knew the country, going back." When Buller did go back, side of the Tugela.

of militant poetry. Most of it is very methods of military warfare. Old With the magazine rifle this sort of Joubert's men succeeded in holding of rock to its destination. Not once was then by the other. deep into the hearts of the people, many new maxims. The old military for the movement of re-enforcements country in which he was campaigning. Coles kop they could be so trained that long range guns. Another has been the Among such must be included the re- manuals used to declare that an at- and the bringing up of supplies, nearly Although the English looked upon the they dropped shells into the Boer lines necessity for cavalry and the advancently published little poem of William tacking force in the enemies' country all of which was done quite out of sight relief of Ladysmith as a great success 9,000 yards away and so assisted in tage ensuing from the mobility of Watson, who was one of the "also rans" must have three times the number of of the attacking British. The smoke- for their forces, it was such only in a cutting off their retreat. watson, who was one of the also rans not long ago for the British poet lau-reateship. This poem, which stirred ur the jingoes of Great Britian to white the jingoes of Great Britian to white

sea. What each hill heid of the enemy could not be guessed until its crest had been felt by the British. Each wave of England, there was a brief space of forces by menacing Bloemfontein, it re-tailed, it returns and return and is the loophole into the Transvaal third repulse on the Tugela reached forces by menacing Bloemfontein, it re-tailed, it returns and the attacking general wishes to make the attacking general wishes to make the attacking general wishes to make forces by menacing Bloemfontein, it re-built of the state the attacking general wishes to make the attacking general wishes to that great, rolling sea of rock had to be fought, diminutive battle after battle. Sported general wavered. It was a bit-tadysmith must soon have fallen into Such frontal attacks could be made ter blow to the jingoes, who had swal- the hands of the Boers and that Bullar paralively small force of men in such a

regarding the advance of General Bul- and his fine artillery played from some of Natal was possible only after the that its only doorways are such rough off a force many times his superior, ler beyond the Tugela, the country rose secure position in the far distant back- practical withdrawal of the Boer forces. and narrow passes as Laingenek and and that this same superior attacking

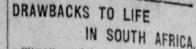
NE of the deplorable features of the war office in London and the world in the meantime the foe exhausted his precisely the sort of country in which a supply of ammunition for the 15 sance and an occasional stolen march indicate the struggle in South Af-campaign always provokes a flood rice has marked a revolution in the leaden rain the rush usually took place.

bad poetry, though most of it fortunate-iy is also soon forgotten. An occasional been upset. Out of the exceedingly un-River the Boers built their trenches at the standards of attack and defense have thing is out of the question. At Modder back the British, valiant as were the there any scarcity of shells on the hill on the whole, it may be stated that the South African campaign has taught the south African passionate outburst, nevertheless, dur-ing some great struggle often sinks forces during this Boer war have come and this afforded them sufficient cover method of warfare most suited to the

mounted troops. Still another is the In fact, if Field Marshal Roberts had Van Reeman's pass. This latter pass force must stand at least ten to one if

THE AUTOMOBILE IN WAR, The army automobile has been par-

only at a tremendous sacrifice of men. lowed this somewhat indiscreet gener- would have remained, battered and way as to menace the parsage of an tially adopted in England, and its pracyoung poet has described the South Af- As for flanking, such a thing was im- al's assertion that there would be "no checked, for many a week on the wrong army of thousands. In fact, all the Na- ticability is at present agitating miltal frontier that fringes the land of litary circles to a great extent in



Climatic and topographical peculiar-ities are among the chief inconven-iences that British soldiers have to contend with in South Africa.

During the rainy season the "dust devil" is without doubt the curse of the land. The dust, suddenly arising in great clouds on the horizon, gathers into a whirling, rushing mass, sweeping everything before it in its wild. wavering course and blotting out the quent occurrence, rarely last long and are usually followed by rain. The "dust

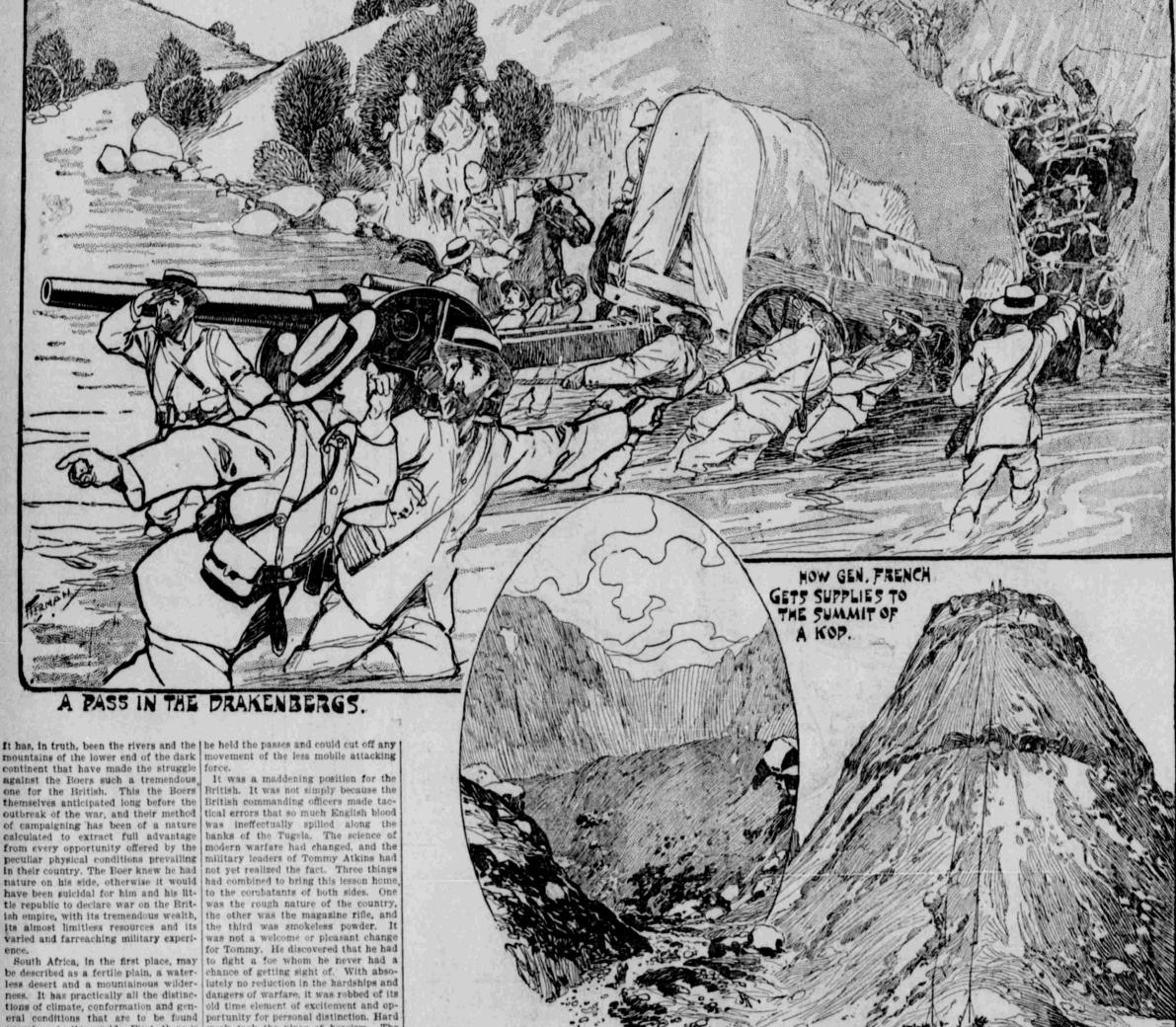
The rinderpest, that has been the cause of such great loss among the



THE DUST DEVIL

army horses, is particularly prevalent during January and continues as late as April. It is caused by vapor arising from the dew on the ground and being breathed in by the horses. The symptoms are very similar to those of malaria, and low lying areas or pastures are the dangerous places. One of the peculiar features of the disease is that, although it appears every year in one or more places, it becomes general over large areas only in certain seasons. It appeared exceptionally early this year among the horses. About 95 per cent of those affected die, while among mules and donkeys only 25 per cent cr even less of the cases prove fatal. Horses that have been exposed to the disease three times and have recovered are known as "salted" horses, and are practically immune against the pest. Various experiments by the Bacteriological institute at Grahamutown have shown that no material can be obtained from the bodies of animals which have died of the malady that can be used in practice to produce immunity in healthy animals.

The tsetse fly, which is about three times as large as the common house fly, is greatly dreaded by farmers and herdsmen allke. It attacks the cattle and horses, and within a few hours the animals are dead. A less dangerous but more troublesome pest is the ubiquitous white ant, which is about one-quarter of an inch long. It will eat through anything except iron or steel and can nly be destroyed by killing which is sometimes one inch in length The ant hills make conspicuous land. marks. There are no forests in South Africa that can be used for building purposes. The little wood that does grow to tree size is not available for either building above ground or for underground work, because it decays so rapidly. All the timber used for constructive purposes is brought from foreign parts. The land is generally covered with a scrub growth. During the height of the winter season the Boers burn the grass which grows in profusion on the open yeldt. They do this to increase the productiveness of the pasturage for cattle during the following season. The veldt fire burns almost nightly, capping the hilltops with a wavering line of light which seems to cut the sky with a vivid dash of color, outlining the rise and fall of the hilly country. Fires are often the result of accident, but more frequently they are set by the farmers for purely precautionary purposes. The grass has a tendency to become sour during the fall season, making very dangerous fodder for the cattle. The simple process of burning the grass produces an alkaline manure which is a fine fertilizer for the soil. Horses especially dislike the field fires, and when-ever they hear the crackling of the flames rush wildly in the opposite direction. The rush of burned out little animals is something extraordinary to see. They scramble helter skelter before the field fire, regardless of any danger in front of them. Many of them go headlong into the nearest water and are drowned. The systematic firing of the veldt is said to be a preventive of malaria, owing to the decaying matter being promptly disposed of instead of being allowed to slowly decompose. A cause of much suffering in South Africa is the lack of drinking water. The water of the Tugela and the Modder rivers is polsonous and cannot be used for drinking or cooking purposes, but, strange as it may seem, native animals can partake of it without any danger. Buller's troops, when camped along the Tugela river in December, the height of the summer season. brought all the water that was used in camp from Frere by narrow gauge railway. The scarcity of water is one of the greatest trials of the British soldiers during the present invasion, as the Boers made & a rule to destroy all the wells in any neighborhood they vis-Ited.



less desert and a mountainous wilderness. It has practically all the distincple.

anywhere in the world. First, there is work took the place of heroism. The

the coast country, and then the hinter- painful dragging of immense naval land, with its rough mountains and its guns up steep hills, shouldering artiltablelike plateaus. Then comes the lery up mountain sides and the eternal Great Karroo, the vast rolling desert digging of trenches took much of the that embraces the Transvaal and the romance out of the thing for both men Orange Free State, fertile enough in and officers. Today, with the new the rainy season, but bleached and bar- weapons and with smokeless powder, ren and dry as a bone during the rest it has been established that at least ten of the year. These inland deserts can- men, when attacking, must meet one not support the life which crowds upon man intrenched before his position can them. Day by day food has to be pour- be carried. At the disastrous battle of ed in. An invading army going into Magersfontein, for instance, where the and went back three times most ignobase of supplies, and, great as are the Boers were entirely out of sight and of feeling, and the man who had been distances, the lines of communication were not even seen by many of the must at all times be kept open. This, British. In fact, there were English Drakenberg mountains so inaccessible ment. These burghers, though vastly it walled off from the different Cape trenches and quietly sniped the British colonies until the Boers were bold as they approached into the zone of fire. enough or desperate enough to pierce Their position, it is true, had been choto its defenders and rendered it a diffi- up in any part of South Africa outside

and the burghers were at war, the Brit- blind valor to try to rush them. This, ish found it just as hard to get into of course, the British tried again and Boer territory. It was at Laingsnek again to do, clinging to their old tradiand Majuba Hill that they learned their tion of the irresistible British charge. little lesson. At these battles Boer It took some time to disfliusionize them, armies infinitely smaller than the Eng- and the lesson was a very bloody one. lish in number completely defeated and With the old fashioned single shot

that country must have a far distant British were mowed down in heaps, the miniously, there was a popular reaction situation at the battle of Colesberg, he ruggedest mountains, completely wall- made with automobiles with formidable looked upon as the prospective savior kop, but also directed that the artillery That the rougher country in which apets, so that while the carriage is in of Ladysmith was reluctantly regarded be taken to the top of this great rock. much of the campaigning took place has motion the soldiers can be discharging naturally, is no easy task. The very soldiers fighting away through that as a bragging and bombastic blunderer. Younger officers looked at the rock and been a godsend to the Boers may be rapid firing guns. In the service of pro-conditions which made the country battle who did not catch sight of one Buller, it is true, may have been slight. Even though a north of the Vaal and west of the single Boer during the entire engage- ly indiscreet in the language of his big gun or two were posted on the hill, stance where the struggle has occurred home dispatches, but it was not until it was pointed out, it would be impossi- in open and level country they have not to the British of 40 years ago and kept outnumbered, lay comfortably in their after Ladysmith had been finally re- ble to carry ammunition to such a had the success they experienced when heved and the supercilious correspond- height. To the crest of that rocky em- among their befriending kopjes and in scouting expeditions and for other ent had actually traversed that for- inence it was 1,400 feet from the camp rocks. This is instanced in the siege of bidding country that stretches between in the plain below, and it was all that Mafeking, which held out week after tive service that cover 18 miles an hour a former generation, the ordinary civilthat forbidden north have made it dur- sen with great care and much skill, but the little Tugela and the beleaguered a man, free and unburdened, could do to week when it was solemnly predicted on ordinary roads are among the latest jan has scarcely comprehended the true ing the present campaign a stronghold such a position might have been taken town that the real difficulties of the scale the rocks. General French per- by even the British themselves that experiments in England. case were appreciated and presented to sisted that the guns had to go up, and Baden-Powell and his little beleaguered cuit task for the British forces to round of the unbroken veidt. The three lines the reading public. In fact, many have up they went. Three ropes were at- army were doomed. Most of this little up the armies of Oom Paul and his peo- of trenches at Magersfontein were as since expressed wonder that the heavy tached to each gun. Thirty stout men army were irregulars and volunteers, impregnable as a triple walled for- artillery of the British was ever moved took hold of each rope, and foot by and, although for a considerable time Two decades ago, when the "ruineks" tress, and it was nothing but mad and over such rough country. The Tugela it- foot those huge engines of death were they were outnumbered by the besieging self is a rocky and rugged banked little drawn skyward. When the guns were forces, they were able to make a bold stream, and it must also be remember- posted on the summit, the question of stand against the Boer lines. It was ed that it was crossed while in the getting up ammunition had to be con- simply a matter of trench building, the flood by the English general. The ter- sidered. This difficulty was solved by object of Baden-Powell being to keep ritory between the river and the town stretching a steel cable from the sum- the Boer line of intrenchments as far where General White was shut up is mit to the British camp some 1,500 feet out from the town as possible, and that made up of a series of shaggy and bro- below. On this steel cable a small car- of the Boer officers, of course, simply in Russia. Some fine specimens have runs back from 25 to 39 yards. When ish in number completely defeated and runs back from 25 to 30 yards. When the oid lashened shale not have of a series of shales of a series of shales of a series of shales of the best of

When General French grasped the , Oom Paul is made up of the wildest and , France. Some experiments have been not only ordered his men to scale Coles ing the one country off from the other.

rams at each end, and some with par-

tecting baggage trains such armored "mobes" can be of incalculable value. The variety of designs in these self propelling carriages makes them useful Transvaal war. Yet, owing to the fact purposes. Automobiles designed for ac- ing from four to ten tons were used in

THE BLACK ROSE,

The fashionable flower par excellence ground. Unless all "stand clear" when in St. Petersburg is the black rose. This this gun is fired, the recoil, in spite of flower, which is jet black in color, is the the "drag shoes," will impolitely knock result of ten years' toil and thought by the loaders over. So abominably does a florist named Fetisoff. This man has the howitzer kick that it positively produced some remarkable effects in jumps on its own account backward a garden. His latest success with distance of five yards even with "drag the the black rose has stirred up quite a shoes"-a brake like those used on sensation among the lovers of flowers | wagons-while without "drag shoes" it

THE DEADLY KICKING HOWITZER.

This deadly modern weapon of warfare has been doing good work in the that muzzle loading howitzers weighmeaning of a "5 inch breechloading howitzer," whose "bore" when parallel is three feet seven inches from the

JUST ODDS AND ENDS.

constant smoking while at work seems sects as pets. He once made a favorite cients." to be only partially true. He puts a ci-far in his mouth, but becomes so ab-insect grew so fond of him that it would Far in his mouth, but becomes so ab-sorbed in his work that he often for-gets to light it, although he keeps "drawing on it" vigorously all the time. One of the eccentricities of Sir John Lubbock, who was recently raised to

an address delivered by Senator Clark put an end to the negotations. "And, majority of the residents of that terri- dress that he once set out to ride from to be interested in psychology when of Montana, to whom he referred as "a do you know," said Mr. Five to a friend tory are in favor of making Juneau, in-Hartford to Boston on a bicycle, got first, as a very small boy, began to read

DRAKENBERG

MOUNTAIN

The story of Mr. Thomas Edison's the peerage, is his fondness for live in-onstant smoking while at work seems sects as pets. He once made a favorite one be only partially true. He puts a ci-of a wasp he caucht in Spain, and the Sector of a wasp he caucht in Spain, and the Sector of A wasp he caucht in Spain, and the was once of A wasp he caucht in Spain, and the was once of A wasp he caucht in Spain, and the was once of A wasp he caucht in Spain, and the was once of A wasp he caucht in Spain, and the was once of A wasp he caucht in Spain, and the was once of A wasp he caucht in Spain, and the was once of A wasp he caucht in Spain, and the was once of A wasp he caucht in Spain, and the was once of A wasp he caucht in Spain, and the was once of A wasp he caucht in Spain, and the was once of A wasp he caucht in Spain, an

