THE GOVERNMENT'S IMPORTATION OF CAMELS:

A HISTORICAL SKETCH.

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In the early "fifties" the Government was sorely beset with difficulties in protecting the vast frontiers of the country from the ravages of hostile Indians. The transportation of men and supplies over the great reaches of plain, mountain, and desert that stretched between the Mississippi River and the Pacific coast was a problem that swallowed liberal appropriations of money and used up thousands of mules, and was in the end so poorly solved as to chafe and fret the spirits of successive commanders. The roving Indian, with his agile pony that enabled him to make deadly swoops on isolated settlements and escape with ease, was a continual nightmare to the War Department; while the unprotected condition of the Pacific coast, so remote and so painful of access, disturbed it no less. Under these circumstances it occurred to the military officials that the use of the camel might at least aid them in performing the difficult duties of protecting the expanding frontier and of keeping open a line of communication between the Mississippi and the coast.

The idea of transplanting this old servant of mankind from the East into America was not a new one. After the conquest of South America by the Spaniards, it is recorded that Juan de Reineza, a Biscayan, made an attempt to introduce camels into Peru, and toward the end of the sixteenth century camels were seen near the foot of the Andes by José Acosta, the Spanish missionary and writer. But the animals were not looked on with favor by the ruling Spaniards, and they dwindled away. In 1701 a vessel, probably a slave trader, brought some camels from Guinea to Virginia, but no record remains of the enterprise except that it failed. In the early times camels were brought also to Jamaica and employed there with success until a small insect, called the "chiqua," so we are told, got into their feet and ended their usefulness.

Maj. George H. Crosman was the first of our military men to consider and advocate the use of the animal for military purposes in this country, the transportation difficulties of our stubborn Indian war in Florida convincing him that camels might be used with effect. He made a study of the subject, and about 1836 brought it to the atten-
tion of the authorities. His ideas were taken up by Maj. Henry C. Wayne, whose studies on the subject were more complete, and who, as early as 1848, suggested to the War Department and to members of Congress the plan of a Government importation. At about the same time Jefferson Davis, then a United States Senator from Mississippi, was impressed with the desirability of trying the animals, and, as chairman of the Committee on Military Affairs, labored until he left the Senate (in 1851) to secure some practical test by the Government.

The suggestion that camels be used in this country for travel, for carrying the mails, and for transporting supplies is frequently met with in the newspapers of the “forties.” These suggestions were made both by tourists from other countries, surprised at the wide extent of our territory, and by observant Americans who had traveled in the Orient and had become acquainted with the universal use of the animal throughout all of the eastern countries.

John Russell Bartlett, who was appointed in 1850 by President Taylor as a commissioner to run the boundary between this country and Mexico, on making the report of his three years’ service in that work, strongly urged that camels be employed by the Government in the Southwest. At about this time, too, Prof. George P. Marsh, the philologist and diplomat, who served this country as minister to Turkey and to Italy, published an instructive book on the camel “considered with reference to his introduction into the United States,” taking the ground that an energetic attempt to import and use these animals could not but result in success.

In the winter of 1852–53 the proposition was made to the Committee on Military Affairs in the Senate to authorize the Secretary of War to import 30 camels and 10 dromedaries, together with 10 Arabs, to look after them, the proposal being supported by a paper of some length by Mr. George R. Gliddon, the archæologist, who had lived twenty-eight years in the Levant, and was, during eight years of that time, United States consul at Cairo. No measures were taken, however, by that Congress to provide for the importation.

When, in 1853, Jefferson Davis became Secretary of War in the Cabinet of President Pierce, he came more intimately into contact with the troubles of military transportation in our great West, and resolved to give the camel an opportunity to lessen these difficulties. Major Wayne was asked to prepare some remarks on the subject, to be used as the basis of an appeal to Congress, and he wrote a paper in favor of the project. This paper was liberally drawn upon by the Secretary when he submitted his annual report and recommendations in December, 1853. This report, which was transmitted with the President’s message to Congress, aroused a good deal of interest on account of the general belief that something could be accomplished with camels in this country. After reciting the dangers of the slow transportation between the East and the west, the result of an exploration which the purpose of locating the best route, Secretary Davis said the government might partly remove the difficulty and to supply depots along the route, there would still be vast resources. Its deposits materially to feel its continued, “in regions reaching embracing arid plains and precipitous canyons are used with the best merce of central Asia, and have Circassia to the plains of India and as a substitute for dragoons and as a substitute for Napoleon, who, by the use of the camels, subdued the Arabs, a race somewhat similar to those of the mountaineers.” Mr. Davis, therefore, believed it a question in the way of carrying on remitting rapid movement “necessary provision be made for a number of both varieties of transportation to our country and our service.”

The Secretary’s recommendatory Congress, but it served to encourage would prove useful as a beast of burden. A company was formed in New York legislature of that State, with the object of developing a number of camels. The American Camel Company, King, Charles W. Webber, and others, on the subject.

In his report of December, 1853, attention to the great sums of money and supplies, said, “I again be anticipated from the use of this animal, and, for reasons set forth them in transportation in the direction of the War Depart
transportation between the East and the West, and giving in detail the result of an exploration which had been ordered by Congress for the purpose of locating the best route for a proposed transcontinental railway. Secretary Davis said that even such a railway, if built, would but partly remove the difficulty. It would serve to transport troops and to supply depots along the route and at the extremity of the line, but there would still be vast reaches in the interior too remote from its depots materially to feel its effect. "On the older continents," he continued, "in regions reaching from the torrid to the frozen zones, embracing arid plains and precipitous mountains covered with snow, camels are used with the best results." They carry all the commerce of central Asia, and have been used from the mountains of Circassia to the plains of India to transmit dispatches, draw ordnance, and as a substitute for dragoon horses. The example is cited of Napoleon who, by the use of the dromedary in his Egyptian campaigns, subdued the Arabs, a race "whose habits and country were very similar to those of the mounted Indians of our Western plains." Mr. Davis, therefore, believed that the dromedary would supply a want in the way of carrying express, making reconnaissances, and moving troops rapidly across country; and he recommended that "necessary provision be made for the introduction of a sufficient number of both varieties of this animal to test its value and adaptation to our country and our service."

The Secretary's recommendation did not bring results from that Congress, but it served to encourage those who believed that the camel would prove useful as a beast of burden in the United States, and a company was formed in New York, under a liberal charter from the legislature of that State, with the announced objects of importing and developing a number of camels of different kinds and of employing them in transportation in the West. The organization was styled "The American Camel Company," and its officers were William G. King, Charles W. Webber, and Edward Magonnay, the last an enthusiast on the subject.

In his report of December, 1854, Secretary Davis, after again calling attention to the great sums expended for the transportation of men and supplies, said, "I again invite attention to the advantages to be anticipated from the use of camels and dromedaries for military purposes; and, for reasons set forth in my last annual report, recommend that appropriation be made to introduce a number of the several varieties of this animal to test their adaptation to our country." The committee that prepared the annual army appropriation bill seemed still skeptical, for the bill came to the Senate with no provision for camels. In this body an amendment proposed by Senator Shields, of Illinois, was attached, appropriating $30,000 "to be expended under the direction of the War Department in the purchase and importation
of camels and dromedaries to be employed for military purposes." In the House the proposition had for its sponsors Mr. Phelps, of Missouri, and Mr. James A. McDougall, of California, the latter venturing the prediction that the results of the experiment would "prove invaluable to the country." After the usual vicissitudes of amendments to appropriation bills, this proposition became a law in March, 1855.

Secretary Davis lost no time in beginning what he evidently expected to prove a most successful and far-reaching experiment. In May he directed Major Wayne to proceed to the Levant, stopping in England and France for the purpose of interviewing military men in those countries in regard to the camel and its uses in war. The Secretary of the Navy placed at the disposal of Mr. Davis the storeship Supply, with her crew, under the command of Lt. David D. Porter (afterwards Admiral Porter), for the purpose of transporting the animals to this country. It was supposed that the climate of Texas would more nearly furnish such conditions as the camels were accustomed to, and it was accordingly ordered that they should be landed at the most convenient point in that State.

Major Wayne arrived in England in June, 1855. After inspecting the show camels at the zoological gardens in London and interviewing scientists and military men, he went to Paris, where he pursued the same course, obtaining considerable valuable information. He joined Lieutenant Porter and the Supply at Spezia, Italy, June 24.

In the meantime Lieutenant Porter, having discharged his cargo of supplies for our Mediterranean squadron, and entering heartily into the spirit of the camel enterprise, had visited the farm of the Grand Duke of Tuscany, near Pisa, where camels had been bred and used for two hundred years. The original stock had come from Egypt, and a sufficient number were kept by the Tuscan ruler to perform the work of 1,000 horses. The animals were found to be performing hard work daily, being forced to carry loads as high as 1,500 pounds each, and toil from sunrise to sunset. Despite this arduous service, they were badly treated by unappreciative keepers; were forced to obtain their entire subsistence by their own gleanings from nearly barren tracts of land covered with stunted pines and scanty grass, and were never housed, although the climate was hot in summer and cold in winter. The number was limited, but this seemed to be because the Grand Duke did not permit them to be used off his own estates.

In order that they might be able personally to study the animals, ascertain how the voyage would be likely to affect them, and how the arrangements they had made for embarking and stabilizing would work, Major Wayne and Lieutenant Porter determined to secure one camel at the first opportunity. They accordingly sailed directly for Tunis, where early in August they bought their first animal. Upon apply-
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be employed for military purposes." for its sponsors Mr. Phelps, of Mis- gull, of California, the latter ventur- ts of the experiment would prove the usual vicissitudes of amend- preposition became a law in March, beginning what he evidently expected a-reaching experiment. In May he to the Levant, stopping in England interviewing military men in those and its uses in war. The Secretary of Mr. Davis the storeship Supply, al of Lieut. David D. Porter (after- pose of transporting the animals to at the climate of Texas would more the camels were accustomed to, and ey should be landed at the most con- d in June, 1855. After inspecting gardens in London and interviewing ent to Paris, where he pursued the e valuable information. He joined at Spezzia, Italy, June 24. ter, having discharged his cargo of padron, and entering heartily into had visited the farm of the Grand camels had been bred and used for stock had come from Egypt, and a Tuscan ruler to perform the work found to be performing hard work as high as 1,300 pounds each, and despite this arduous service, they ive keepers; were forced to obtain own gleanings from nearly barren pines and scantly grass, and were e was hot in summer and cold in but this seemed to be because the o be used off his own estates.

e personally to study the animals, likely to affect them, and how the darkening and stabling would work, er determined to secure one camel ordingly sailed directly for Tunis, their first animal. Upon apply-
ing for a permit to bring it off, the Bey of Tunis graciously presented to the United States through them two other camels—one, at least, a fine animal, that subsequently became the veteran of the herd and proved himself a sturdy sailor, for he accompanied the ship for over 10,000 miles and was landed in good health on American soil nine months after his embarkation.

The voyage was resumed and Constantinople reached early in October. From this city the officers, leaving the ship, made a side trip to Balaklava, in the Crimea, to learn what they could about the camels that were used in the Crimean war. The English quartermaster gave them an opportunity of inspecting the animals in the possession of the English, and they gained much information which they regarded as pertinent and valuable. They were told that in the conquest of Sind some 25,000 camels had been used by Gen. Sir Charles Napier, an unusually acute student of transportation problems; and so satisfactory had they proved in the Crimea that the numbers on hand at Balaklava were to be increased for the next campaign. Here the Arabian, or one-humped, camel was used almost exclusively. The average load was 600 pounds, carried 25 to 30 miles a day. A corps of 1,000 men mounted on 500 camels had rendered most effective service under General Napier. It was often marched 70 miles in twelve hours. On arriving at the desired point, the camels were left with the keepers and 500 men operated as infantry, the camels, kneeling and hobbled in a hollow square, even serving as a breastwork in case of necessity. The Bactrian, or two-humped, camel also was found at Balaklava, but, though stronger and heavier than the Arabian, was not so much used because of the difficulty of placing the load over his two humps and because slower in pace. Both officers were enthusiastic over what they saw and heard of the camel in the Crimea, Lieutenant Porter declaring that in the United States, at any point south of 36° (about the latitude of Raleigh, N. C.), the camel would be fostered with the greatest care, and that its value there for labor would be much greater than that of the horse. He expressed the hope that he might see the day when every Southern planter would be using the camel extensively, and he thought this not improbable, as a good work animal might then be imported from Smyrna for about $300.

The natural historians have generally designated the two-humped animal of this genus as the camel and the one-humped as the dromedary. After careful study and observation in the home of the animal Major Wayne disregarded this classification and speaks of it as of two distinct species—the Bactrian and the Arabian. The Bactrian has two humps; it came originally from Bactria and is now found more generally in Tartary and the northern parts of Central Asia. The Arabian has but one hump and is found principally in Arabia, Persia, Asla Minor, and India. The dromedary (Greek dromos, a runner) is simply a swift courser, or racer, as distinguished from the camel of burden (always, however, Arabian, or one-humped).
Two of the three camels procured at Tunis had shown symptoms of the itch; and, as it was feared that they might infect the ship with the disease, they were sold. Their lazy life on the vessel, coupled with good care and abundant food, had so fattened them that there was no trouble in finding a Turkish butcher, whose bid of $44 for the two was accepted. The Sultan, professing great interest in the experiment of our Government, offered to present 4 of his finest animals, but, as they had to be fetched from Asia, our officers deemed it imprudent to wait. Persia had been thought to be the best place to procure fine camels, but it was now so late in the season that the mountain passes were filled with snow and ice, and a trip to that distant country would have been difficult, if not impossible. So the Supply was headed for Egypt, arriving at Alexandria in December. Major Wayne journeyed on to Cairo, where he purposed buying 20 dromedaries. An unexpected obstacle was encountered in the “custom of the country.” In order to avoid having all his good camels and horses sent out of his domain to supply the wants of the Eastern war, the viceroy had made a law that no animal of any kind should be exported, and it was with the greatest difficulty that he was prevailed upon to issue a permit, first for the exportation of 2 camels, then of 10. The last concession came too late, however, as, wearying of the slow processes of oriental routine (the negotiations being conducted in due form through the American consul), Major Wayne had determined to sail after loading but 3 camels. But now the viceroy himself had become interested in the experiment of the United States, and proposed to present the Government with 6 dromedaries. It seems to have been the intention of the ruler to present 6 of his finest beasts, and on learning of the proposed gift the major and lieutenant were aroused to the highest pitch of pleased anticipation, particularly as they had met with such ill success in their purchases and had been so worried by the unforeseen rules against exportation. They expected nothing less than a group of lithe-limbed, deep-chested racers of the best blood of Oman or Nubia—the flower of the royal herd, with pedigrees reaching back toward the beginnings of recorded time. After a week of impatient waiting, they were informed that the present of the potentate was in readiness in the palace yard, and, upon going to embark it, their chagrin was severe when, instead of the swift, well-kept dromedaries of the desert, they found a wretched half dozen of the commonest street camels of Alexandria, their hanging heads showing the spirit broken by ill usage, half demurred of hair by the itch, and haggard from disease. Lieutenant Porter spurned the gift and took little pains to conceal his disgust. The viceroy’s minister was informed of the miscarriage of his master’s well-intended liberality, and the blame was laid on the rascally subordinates to whom the selection of the present had been intrusted; and, after another week of waiting, 6 fairly good camels were forth on January 22, 1856, she had camel.

Our officers reached Smyrna advance Mr. Gwynn H. Heap, remainder of their shipment and latter item was carefully attended fitting saddles could not be obt acquaintance with the language serving as vice-consul at Tunis the best advantage. Those h various points in the interior, generally infected with the it khans. He appears to have p mal and as high as $400 each being about $250. No such flage animal were paid, although this country that the camels k each. The prices, indeed, were according to breeding, size, tr $1,000 and over. A sound 400 to 600 pounds could be bot to $1,000, the common stock 1 purebred animals from $150 $200, while two-humped Bacr

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The home voyage was begun follows: Nine dromedaries, or Among them were 2 Bactrian with the Arabian female. Th Tulia and female Maya), is also the pure Arabian and on this carrying animal. Mr. Heap t fellow 7 feet 5 inches in heigh
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fairly good camels were forthcoming. Thus, when the Supply sailed on January 22, 1856, she had on board 9 dromedaries and the Tunis camel.

Our officers reached Smyrna January 30, and, by having sent in advance Mr. Gwynn H. Heap, they were able to assemble rapidly the remainder of their shipment and prepare pack saddles and covers. This latter item was carefully attended to, as it was certain that properly fitting saddles could not be obtained in the United States. Mr. Heap's acquaintance with the languages and customs of the East, gained while serving as vice-consul at Tunis, enabled him to purchase the animals to the best advantage. Those he brought to Smyrna were bought at various points in the interior, the town camel being avoided, as it was generally infected with the itch caught from the streets and dirty khans. He appears to have paid as low as $100 for at least one animal and as high as $400 each for several others, the average price being about $250. No such fancy prices as $1,800 to $2,000 for a single animal were paid, although the idea was prevalent at the time in this country that the camels cost the Government about $2,000 each. The prices, indeed, were found to vary, as do those of horses, according to breeding, size, training, and soundness, ranging from $15 to $1,000 and over. A sound burden camel capable of carrying from 400 to 600 pounds could be bought at $50 to $130, a dromedary at $45 to $1,000, the common stock bringing $45 to $150, and the swifter, purebred animals from $150 up. A good Tuilu, or Maya, bought $200, while two-humped Bactrian breeders sold at $300 to $600.

Lieutenant Porter solved, with his customary intelligence, the problem of loading the camels into the ship. He built first a boat 20 feet long and 7 feet wide, flat-bottomed so that it would easily slide up on the beach. He then constructed the "camel car," very strongly made and bound with iron, with a door at each end, and shaped to fit snugly into the boat. The car was coaxed into the car, or, if he withstood coaxing and refused to enter, ten sailors with a block and tackle forced him in. The car, mounted on trucks, was then rolled down the beach and into the boat. The car weighed 1,000 pounds and by means of it the animals, averaging in weight 1,400 pounds, but going as high as 2,000 pounds, were loaded into the ship at the rate of one each half hour.

The home voyage was begun February 15, 1856, with 33 animals, as follows: Nine dromedaries, or runners, 23 camels of burden, and 1 calf. Among them were 2 Bactrian males (two humped) for use in breeding with the Arabian female. The offspring, called a "booghee" (male Tuilu and female Maya), is always one humped and much heavier than the pure Arabian and on this account is greatly prized as a burden-carrying animal. Mr. Heap had picked up a fine Tuilu, an enormous fellow 7 feet 5 inches in height, 10 feet long, 9 feet 9 inches in girth,
and weighing when in good condition 2,000 pounds. Lieutenant Porter was obliged to cut a hole in the floor of the deck which served as the ceiling of the camel stable in order to accommodate this Tuil's hump. Seven males were included in the load, the remainder being females, not counting the booghdee, which will not breed.

It was an interesting voyage home. The staunch little sailing craft met the most tremendous gales in the Mediterranean and was buffeted by unusually heavy weather during most of her trip across the Atlantic. It was often necessary, in order that they might not be injured by the tossing of the sea during the more violent storms, to tie the camels down in the position they assume when kneeling to receive their burdens, which posture they held for days at a time, eating and drinking much as usual and suffering no harm beyond a temporary stiffening of the joints.

The camels occupied a huge stable between decks. A thoughtful contrivance was a covered structure 60 feet long, 12 feet wide, and 10 feet high, which was placed on the upper deck, above the animals' quarters. Along the sides of this were placed at frequent intervals large portholes fitted with glass windows and heavy shutters. A hatch was provided in the top so as to let the animals down to their deck, and this aperture, being so far above the upper deck, could be kept open even during storms when it was necessary to close the portholes. Thus fresh air was assured in all kinds of weather—a very important matter on shipboard.

The success of this part of the experiment was due to the sagacity and watchfulness of Lieutenant Porter, who reduced the care of the animals to a military basis. He promulgated a set of "rules and regulations for the camel deck," requiring, among other things, that one person should always be on watch; the camels to be fed and watered every day at 3 o'clock precisely; the females having young to be fed and watered, in addition, at 7 o'clock in the morning; the deck never to be wet except by order; the hayracks to be filled every two days, and the amount of food to be kept account of; the camels never to be struck with anything but the flat of the hand; their beds to be littered down before sunset; each camel to be curried and brushed half an hour every day and their feet and legs to be well rubbed; their feet to be cleaned with soap and water twice a week; particular care to be observed in putting hay under their knees and haunches when they lie down; "the least thing the matter with an animal to be reported at once." The strictest cleanliness was exacted, the stalls being cleaned daily, and frequently whitewashed. The daily ration of food consisted of a gallon of oats, 10 pounds of hay, and a gallon of water to each animal, this being varied by occasional portions of crushed peas or barley made into a dough ball; salt was served once a week. The animals got along very well on this regimen, although their natural diet consists of kinds of trees and shrubs, with bushes of a bitter and astrigent and thorny vegetation a dainty.

No experiments were made go without water, and the inf the expedition show that the power of drink, and nature has assisted the perspiration very scantly habit of drinking vast quantities of nourishment when at work was shown by the fact that during bivouac gradually decreases in length of the packing thongs the hump has almost entirely is pure fat. After a course it increases in size so that it is said to be customary the slices of fat. This fat has is and was said to be much eaten or by literally splitting hims

The strict regulation again because the camel can travel is slippery. In Asia Minor: Tartary he travels loaded as deserts alike, exhibiting no or mud. Here he loses contr and if not helped generally or by literally splitting hims

Six Arabs, one of them a go along with the ship, with the ing for the animals, but their services were unnecessary, because they represented him familiar with the management. This gentleman turned out to be a cold that was a piece of cheese powder; and for some furthe
their natural diet consists of the leaves and tender branches of all kinds of trees and shrubs, while they have a special fondness for dried bushes of a bitter and astringent flavor and seem to consider prickly and thorny vegetation a dainty.

No experiments were made to ascertain how long the camels could go without water, and the information gained by the investigations of the expedition show that the rules on this subject are largely fables. The camel needs water each day, and gets along best when so supplied. He has a set of several stomachs, in one at least of which are cells where water is stored to the extent of about a gallon and a half, and this can be drawn upon when the animal does not get his daily supply. Habituated to traveling across the deserts, he has through the centuries developed the power of going from five to eight days without a drink, and nature has assisted him by giving him a skin so constructed that he perspires very scantily. But there is nothing in his supposed habit of drinking vast quantities of water and conjecturing it about his body for use in emergencies. His hump does, indeed, supply him with nourishment when at work where food is scarce, this being very well shown by the fact that during a long, hard trip this unsightly protuberance gradually decreases in size, so that it is necessary to change the length of the packing thongs accordingly, until at the end of the trip the hump has almost entirely disappeared. The substance of the hump is pure fat. After a course of high living without work, the hump so increases in size that it is awkward to place a saddle on the animal. It is said to be customary then to slit the skin, lay it back, and cut off slices of fat. This fat has somewhat the appearance of thick cream and was said to be much esteemed by the Arabs, who use it in tea and coffee, but our investigators had no opportunity of testing it.

The strict regulation against wetting the camel deck was necessary, because the camel can travel over any kind of surface except one that is slippery. In Asia Minor, Syria, Persia, North Hindoostan, and Tartary he travels loaded across valleys and mountain ranges and deserts alike, exhibiting no hesitancy except when he encounters ice or mud. Here he loses control of himself, spreads his legs wide apart, and if not helped generally ends by the dislocation of shoulders or hips or by literally splitting himself up, an injury which is always fatal.

Six Arabs, one of them a Bedouin of the desert, were engaged to go along with the ship, with the idea that they would be useful in caring for the animals, but they proved helpless in bad weather, and their services were unnecessary in good weather. A Turk was also employed because he represented himself to be a "camel M. D." perfectly familiar with the management of camels, their diseases and treatment. This gentleman turned out to be an Oriental Sangrado. His cure for a cold was a piece of cheese; for swelled legs, tea mixed with gunpowder; and for some further trifling complaint he gravely proposed
to tickle the animal’s nose with a chameleon’s tail. He was soon set aside by the common sense of Lieutenant Porter. In giving birth, one of the camels died, this being attributed to an injury received in loading. Two young ones, born soon after leaving Smyrna, were so much treated by the camel doctor that they also died; four others born during the voyage were kept out of his hands and would have come on very well, but one was starved because the mother could not be induced to rise and suckle it during a ten days’ storm; another was accidentally lain on by an old camel and crushed. The other two were successfully reared, and, having run the rump of the camel deck, amused the whole ship by their friskiness and precocity; they were thoroughly at home in the worst of weather, perfectly steady on their legs, going about the deck without falling during gales that forced even the sailors to hold on to some support. Such remarkable seamanship was attributed to the fact that they were born at sea.

The show animals of the lot were two handsome dromedaries—one a Nomaneis from Oman, the other a Senai from Nubia. Of all dromedaries the swiftest and most enduring is the Nomaneis, as it is also the best for riding, its natural gait being a movement of the hind leg and foreleg on opposite sides at the same time, or a movement of each leg in rapid succession. This gait must be taught to other breeds, as they naturally move in a rapid trot. A good Nomaneis can travel from 90 to 100 miles a day, but cannot keep such traveling up day after day. From fifteen to twenty days he can keep up a gait of 50 to 60 miles a day. Many stories are, of course, related of feats of endurance and speed, but these are to be taken with allowance. Our explorers found that the mail was regularly carried between Cairo and Suez on a camel. The distance is 84 miles and was covered in eighteen hours. The burden camel usually carries from 250 to 400 pounds, and travels regularly from 20 to 30 miles a day.

In the cargo were 4 Pehlevans—camels which had been taught to wrestle, a sport which is common in the East. It seems that without any training at all the animals engage in contests which are a sort of wrestling bouts. Whenever two males meet for the first time, especially if there are any females about, an encounter of this kind is indulged in. The camel that is thrown to the ground acknowledges his inferiority by scarcely daring to face forward to look at the females. This natural propensity is cultivated by the Arabs and Turks, and the young camel is taught to wrestle, with some degree of science, by hoisting the right foreleg over the neck of his antagonist and coming down upon him with all the weight of the body. **One of the Arabs employed by Major Wayne amused himself on the voyage by training “Uncle Sam,” a month-old camel, to wrestle, a pastime at which he soon became so proficient and which he liked so well that it was found necessary to tie him up, as he rushes at the men and throwing them overboard.** It was in the midst of this that a camel ran on board at Smyrna. A proverb, “If you put your leg in it, you will take it away,” was applied to him. The animal was disposed to kick and bite. The camel doctor, however, made him appear so tame that the writer could stand close to him. The government’s orders were merely to keep the camel from running away. It was thus treated throughout the voyage. The camel was brought on board at Smyrna and was kept in the hold for the rest of the voyage.

Mr. Albert Ray, the keeper of the animals, is well satisfied and does not think the animals are treated roughly. He is well satisfied and does not think the animals are treated roughly. He is well satisfied and does not think the animals are treated roughly. He is well satisfied and does not think the animals are treated roughly. He is well satisfied and does not think the animals are treated roughly. He is well satisfied and does not think the animals are treated roughly. He is well satisfied and does not think the animals are treated roughly. He is well satisfied and does not think the animals are treated roughly. He is well satisfied and does not think the animals are treated roughly. He is well satisfied and does not think the animals are treated roughly. He is well satisfied and does not think the animals are treated roughly. He is well satisfied and does not think the animals are treated roughly. He is well satisfied and does not think the animals are treated roughly. He is well satisfied and does not think the animals are treated roughly. He is well satisfied and does not think the animals are treated roughly. He is well satisfied and does not think the animals are treated roughly. He is well satisfied and does not think the animals are treated roughly. He is well satisfied and does not think the animals are treated roughly. He is well satisfied and does not think the animals are treated roughly. He is well satisfied and does not think the animals are treated roughly. He is well satisfied and does not think the animals are treated roughly. He is well satisfied and does not think the animals are treated roughly. He is well satisfied and does not think the animals are treated roughly. He is well satisfied and does not think the animals are treated roughly. He is well satisfied and does not think the animals are treated roughly. He is well satisfied and does not think the animals are treated roughly. He is well satisfied and does not think the animals are treated roughly. He is well satisfied and does not think the animals are treated roughly. He is well satisfied and does not think the animals are treated roughly. He is well satisfied and does not think the animals are treated roughly. He is well satisfied and does not think the animals are treated roughly. He is well satisfied and does not think the animals are treated rough
a chameleon’s tail. He was soon set tenant Porter. In giving birth, one attributed to an injury received in loading; after leaving Smyrna, were so much the more they also died; four others born during his hands and would have come on use the mother could not be induced in ten days’ storm; another was accidentally crushed. The other two were the run of the camel deck, amused by precocity; they were thoroughly affectedly steady on their legs, going gaits that forced even the sailors remarkable seamanship was attributed at sea.

Two handsome dromedaries—one a Sennai from Nubia. Of all dromedaries is the Nomanieh, as it is also the breeding movement of the hind leg and the time, or a movement of each leg to be taught to other breeds, as they good Nomanieh can travel from 90 p pace traveling up day after day, keep up a gait of 50 to 60 miles a related of fents of endurance and allowance. Our explorers found the between Cairo and Suez on a road covered in eighteen hours, 250 to 400 pounds, and travels camels which had been taught to the East. It seems that without any contests which are a sort of wrestling for the first time, especially this encounter of this kind is indulged ground acknowledges his inferiority to look at the females. This the Arabs and Turks, and the rith some degree of science, by tick of his antagonist and coming off the body. One of the Arabs himself on the voyage by training it wrestle, a pastime at which he liked so well that it was found necessary to tie him up, as he developed the trick of making sudden rushes at the men and throwing them to the deck.

It was in the midst of the rutting season when the animals were taken on board at Smyrna. At this period both sexes are cross and disposed to kick and bite. “The camel’s kick is soft,” says the Arab proverb, but it takes life away; its bite is not less terrible, as its heavy jaws and the leverage of its long neck enable it to pull and tear with great force. The females were exposed to the males constantly at this period with the purpose of securing as many young as possible at the earliest time. Except at this season, the camels were found, as a rule, docile and well behaved. The animal’s patience is sometimes strained beyond endurance by the brutality of its drivers; at such times it displays some cunning in awaiting until the man is well within its power, when it takes summary vengeance. It appears to believe, however, with the American Constitution, that no man should be put in jeopardy twice for the same offense; and the driver who has mistreated a camel will place some part of his clothing where the beast may find it; and, after trampling and tearing the offender’s coat, the camel is well satisfied and harbors no further grudge. When it does become necessary to discipline the beasts, our experimenters were cautioned that the punishment must be severe; they were instructed to take a heavy club flattened at the end and with this to strike the animal with great force on the left side of the neck about 6 inches back of the jaw and to keep up the beating until the refractory animal rolled on the ground in sign of submission.

Mr. Albert Ray, the keeper of the camels, who performed his work with sagacity and zeal, does not appear to have made any warm friendships among the animals, although they were individually named and kept track of in his journal, in the picturesque nomenclature of the Orient, as Gourmal, Adela, Mahomet, Massandra, Ibnim, Ayesha, and so on. Such friendships are common enough, however, among the Arabs, as the camel, when well treated, is inclined to become attached to his master, though perhaps to a lesser degree than the dog or horse.

By his intelligent and energetic care Lieut. Porter thus kept his charges in excellent health, and landed safely at Indianola, Tex., May 14, 1856, 34 camels (a gain of 1 on the voyage), all apparently in really better condition than when taken from the sandy wastes of their native deserts.

After some days of rest the herd was marched by easy stages to San Antonio, Tex., about 120 miles, where Major Wayne set about making arrangements to establish a camel ranch and to attempt the breeding of the animals. His plans were interfered with by Secretary Davis, whose idea was to find out first whether or not the animals, in the language of his instructions, “were adapted to military service, and
could be economically and usefully employed therein," although he
directed that they be given ample time to recover from their long
voyage.

Some experimentation along this line was at once attempted.* Major
Wayne reported that, having removed his camp to Green Valley, 60
miles from San Antonio, he one day sent three 6-mule teams, with a
wagon to each team, and 6 camels to San Antonio for a supply of oats.
In going the camels were held back to accommodate themselves to the
slower pace of the mules. Returning, the camels carried 3,648 pounds
of oats, while the wagons brought 1,800 pounds each. Thus 3 camels
were equal to 6 mules and a wagon, and, in addition, the camels
came to camp in two and one-half days, while the mules were nearly
five days in performing the journey.

One day at Indianapolis, Major Wayne, who had been greatly annoyed
by the skeptical attitude assumed by many persons throughout the
country, and particularly by the jests of the unbelievers in the Texan
town, thought to teach these latter a lesson. He brought up one of
his finest pets, and, having caused it to kneel, ordered 2 bales of
hay, weighing 314 pounds each, placed upon it. The knowing
by-standers were convinced that the animal could not rise with such a
load, but they laughed in scorn when the Major ordered 2 more bales
piled on, making an aggregate weight of 1,256 pounds. To the
amazement of all, and to the utter confusion of the scoffers, the camel,
at the word of command, easily rose and walked off with his burden.
This signal victory for the camel partisans created no little talk, and
the incident was chronicled in verse by a local Texas poet, though
unhappily, says Major Wayne, when he made his report, "I have not
at hand a copy of the paper in which the ode was published," and it
thus failed of official immortality.

"On another occasion," to use the language of Secretary Davis in
his annual report of December, 1856, "the capacity of the camel for
traveling over steep acclivities and on muddy roads was tested with the
most satisfactory result. Instead of making the détour rendered
necessary by the location of the road to avoid a rugged mountain
impracticable for wagons, the camels followed a trail which passed
directly over it and, a heavy rain occurring while they were at the
depot to which they had been sent for supplies, the road was rendered
so muddy that it was considered impassable for loaded wagons. The
train of camels were nevertheless loaded with an average of 323
pounds each and returned to their encampment, a distance of 60 miles,
in two days, suffering, as it is reported, no interruption or unusual
fatigue from the mud over which they passed or the torrents of rain
which fell upon them. These tests fully realize the anticipations
entertained of their usefulness in the transportation of military
supplies. The experiment of the United States has been con
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supplies. The experiment of introducing them into the climate of the United States has been confined to the southern frontier of Texas. Thus far the result is as favorable as the most sanguine could have hoped * * * The very intelligent officer who was sent abroad to procure them, and who has remained in charge of them, expresses entire confidence both of their great value for the purposes of transportation and their adaptation to the climate of a large portion of the United States.”

It should be noted that, in addition to this favorable opinion expressed by Major Wayne, that “intelligent officer,” in his letters to the Department, placed especial stress on the comparison in usefulness between the camel and the mule, claiming superiority for the former and pointing out that the camel required less food and no more attention than the mule.

Something over $20,000 of the sum appropriated by Congress was yet unexpended, and in June Lieutenant Porter was furnished with $10,000 of this and directed to fetch home on the supply another shipload of camels. The storeship then lay at New York, and, as for the return trip, she took on board 150 bales (about 20 tons) of hay, 6,000 gallons of oats, 10 barrels of beans, 500 gallons of barley, 50 pounds of powdered sulphur, and 50 pounds of lard. The Department commissioned Mr. Heap at $2,000 a year and expenses and sent him on ahead directly to Smyrna, where, by the time that Porter arrived in November, he had collected from the interior a shipment of fine young animals. The Sultan of Turkey, through our minister at Constantinople, presented 6 dromedaries, which were included in this shipment. On the whole, this shipload was a much finer lot than those procured on the first trip. At Smyrna Lieutenant Porter employed nine men and a boy at $15 a month each and brought them along to help care for the animals. The Government continued to employ some of these men, together with some of those who were brought over on the first trip, for many years at $10 to $15 a month. One of them at least, Hoore Ali, remained in the service as camel driver, interpreter, or mail carrier until 1857, when, on being discharged, he filed a claim for further employment on the ground that such was due him under the contract made in 1856.

Lieutenant Porter sailed for home November 14, and, although meeting the roughest weather he had ever encountered, he lost but 3 camels on a voyage of eighty-eight days, and was able to turn over to Major Wayne, at Indianola, February 10, 1857, 41 animals, all in fine condition. The new animals were taken to Camp Verde, which was now officially designated the camel station. Up to this time Wayne had lost 5 of his first herd—2 by Spanish fever (a disease incident to acclimation), 1 by epilepsy, 1 from the bite of a par-
ticularly ferocious companion, and 1 from blows probably inflicted by a mule driver who did not take kindly to the foreign beasts. The second shipload thus raised the camel herd to 70 in number.

In February, 1857, the Senate directed the Secretary of War to furnish it with a report regarding his camel experiment. This report was submitted the same month, and is a well-written and comprehensive document, comprising the letters of Lieutenant Porter and Major Wayne, together with the information they had obtained and the conclusions they had drawn.

About this time the administration of President Buchanan came in and with it John B. Floyd as Secretary of War. Major Wayne, who had thus far conducted the camel experiment so vigorously and efficiently, was now transferred to the office of the Quartermaster-General at Washington, and could not, of course, give his personal attention longer to the Government camels, though he continued his interest in them, and was honored with a first-class medal from the Société impériale zoologique d'acclimatation of Paris, for his successful introduction and acclimatization of camels into this country.

During the summer of 1857 the camels were used sparingly in carrying supplies and in short scouts. In the fall of that year Lieut. Edward Fitzgerald Beale, afterwards a brigadier-general, and also minister to Austria under President Grant, was employed to open a wagon road from Fort Defiance, N. Mex., to the eastern frontiers of California, and a part of the herd of camels was put at his disposal for this expedition. The journey occupied forty-eight days through an unexplored wilderness of forest and plain and desert, the Colorado River being reached October 18. Lieutenant Beale speaks in the most enthusiastic terms of the work performed by the camels on this arduous trip. He says that they saved the members of the expedition from many hardships, and excited the admiration of the whole party by their ability and willingness to perform the tasks set them. He started with the determination that the experiment should be most thorough, and subjected the camels to trials "which no other animals could possibly have endured." On the desert they carried the water for the mules; traversed stretches of country covered with the sharpest volcanic rock without injury to their feet; climbed with heavy packs over mountains where the unloaded mules found it difficult to go even with the assistance of the dismounted riders; and, to the surprise of all the party, plunged into rivers without hesitation and swim them with ease. The lieutenant concludes that he would rather have one of the camels for such work than four of the best of his mules. One of the men who had charge of the camels on this trip, writing home to the Richmond (Va.) Examiner, paints the same rosy picture of their entire docility and utility.

This and other favorable reports induced Secretary Floyd in his

The Government's annual report in December, 1858, "The entire adaptation of camels to the plains may now be taken as a fact. They had already proved their "great horse for all movements upon the field." Their value against the marauding Incas was beyond estimate. He recommended the purchase of 1,000 camels. So far as a wholesale purchase, however, a year afterwards, in December, the Secretary renewed his recommendation. The experiments thus far made—constitute a most useful and economical proposition.

The Secretary recommended the purchase of a full supply to our frontier posts in the Arizona and New Mexico territories, and the Government accordingly in the fall of 1858 purchased 300 camels.

But that body could not be regarded as a successful experiment. The Secretary, therefore, recommended the purchase of 1,000 camels for the use of the Government.
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The Government's Importation of Camels.

annual report in December, 1858, to make some interesting comments. "The entire adaptation of camels," he says, "to military operations on the plains may now be taken as demonstrated." The beast, he says, had already proved its "great usefulness and superiority over the horse for all movements upon the plains or deserts," it would be of great value against the marauding Indians, and would materially reduce the expenses of the quartermaster's department in furnishing transportation. He recommended that Congress at once "authorize the purchase of 1,000 camels." So far was Congress from authorizing such a wholesale purchase, however, that it did not appropriate a cent, and a year afterwards, in December, 1859, the favorable reports continuing, the Secretary renewed his recommendation. He said:

The experiments thus far made—and they are pretty full—demonstrate that camels constitute a most useful and economic means of transportation for men and supplies through the great desert and barren portions of our interior. * * * An abundant supply of these animals would enable our Army to give greater and prompter protection to our frontiers and to all our intracoenetic routes than three times their cost expended in any other way. As a measure of economy I cannot too strongly recommend the purchase of a full supply to the consideration of Congress.

But that body could not, as so often happens, see the matter in the same light as the Secretary, and did nothing toward loosening the purse strings for this purpose. By December, 1860, the Secretary was still further confirmed in his opinion of the good work of the camels, and reiterated his recommendations of the two preceding years.

Secretary Floyd probably based his beliefs and recommendations largely upon the reports of Lieutenant Beale, for, after the successful trip of that officer from Texas to California to open a wagon road through the wilderness, the Secretary had placed twenty of the camels in his hands to be employed by him in national explorations. These expeditions were made over a large part of the Southwest, more particularly in the Rocky Mountains, and extended over a period of four years. During this time the animals rendered efficient service and were so well cared for by Lieutenant Beale that in 1861, with the incoming of a new administration and a new Secretary of War, he turned over to the Government quartermaster in California a herd of 28, all in good condition. For the next two years these 28, with several others that had been brought on from Texas, were held at the various ports and military stations in California, no one of the officers in charge appearing to be able to find any work for them to do. In 1862 Lieutenant Beale wrote to Secretary Stanton describing the idle and unfavorable conditions under which the animals were then kept, stating that instead of any natural increase since he had returned them, 3 of the finest had died, and proposing to take all of the remainder, give bond for their safe return at any time demanded, to use them in further exploration and in packing supplies across 6842—04—2
the great basin. At this time, he states, they were “of no earthly use either to the Government or anyone else,” and the expense of their maintenance was about $500 a month. This proposition was rejected, and a year later a plan was set on foot by Deputy Quartermaster E. B. Babbitt, stationed at San Francisco, to employ the camels in carrying the mail between Fort Mohave, N. Mex., and New San Pedro (Wilmington), Cal. Objection was made to this plan by both Lieut. D. J. Williamson, commanding at the former place, and Capt. William G. Morris, at the latter, their reasons being based on statements entirely the reverse of those officially made by Major Wayne and Lieutenant Beale.

Acting on this unfavorable information, General Babbitt reported to the Department that for two years he had endeavored in vain to render the camels serviceable, and gave as his conclusion that experience had proved “the inexpediency of substituting them for our native animals.” At this time the animals in California numbered 35 in all, and were kept in the southern part of the State. The report of General Babbitt produced an order from the Department, on September 8, 1863, directing him to advertise and sell the camels at public auction. This was duly carried out, and the animals were purchased by Samuel McLaughlin, in whose care they had been for some time before.

It is probable that most of these camels found their way into menageries or Zoological gardens. It has been supposed that some of them were taken to Nevada to be employed in packing salt from the deserts for use in silver extraction, but as the Nevada camels were of the two-humped kind, they probably came from a different source. In 1860 or 1861 a company was formed in San Francisco for the purpose of importing camels from Asia. They sent an agent to the high tablelands of Central Asia and procured about 20 Bactrian, or two-humped, camels, and from this herd came the 12 animals that were employed for some time in carrying salt from a marsh in Esmeralda County, Nev., to the Washoe silver mill, a distance of 200 miles. They performed this work satisfactorily, carrying, says Mr. L. Mertal of Virginia City, who packed them, an average of 600 pounds each, and traveling from 15 to 20 miles a day. The discovery of salt at a more accessible point deprived them of much of their occupation, although they remained in the vicinity of Virginia City for a number of years.

Professor Brewer, of Yale College, records that during a trip through the West, made about 1865, he saw a few of the animals near Virginia City. “Their backs,” he says, “had not been cared for, and they had been used in packing heavy loads of salt from the deserts. Salt water and alkali had accumulated in the long hair of their humps, their pack saddles had galled the parts touched by them, sweeping just then over this in beasts, having fallen into bad enough.” As late as June 28 contained an account of an ascent of 8 camels, each carrying one, approached to within 150 feet of nearly 9,000 feet.

The historian H. H. Bancroft were all taken to Arizona, where on a ranch in the Carse of 25. The story of the remark spread far and wide, finding its work on The Camel, published pedias. It should, however, be remembered that the female years, and does not begin to be of a healthy, the animals for practised. Their appearance on the ground giving rise to suits for libel prohibiting their use on the increase.

In the meantime the camels various errands to places of view on the streets of several states. In some instances they frightened horses, and the day's work for ordnance forbid the naturally to some extent, the climate and other conditions of the day by those who saw t stature and in all respects at maners. At the beginning of the season the Confederates, being allowed to pillage, some of the animals were in the account of at least 3. To Union forces and “sent to Mr. Iowa, for the benefit of his at June, 1863, Lieut. J. Graylyerment of the Missouri, at St. should do with them; the Qua
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covered the parts touched by the saddle. A pitiless snow squall was
weeping just then over this inhospitable region, and these miserable
beasts, having fallen into bad hands in a bad climate, looked sadly

As late as June 28, 1876, the Virginia City Enterprise
contained an account of an ascent of Mount Davidson made by a train
of 8 camels, each carrying one-third of a cord of wood. The animals
approached to within 150 feet of the summit, reaching an altitude of
nearly 9,000 feet.

The historian H. H. Bancroft states that in 1876 the Nevada camels
were all taken to Arizona, with the exception of one pair which,
placed on a ranch in the Carson Valley, in a few years increased to
26. The story of the remarkable fecundity of this pair of camels
spread far and wide, finding its way into Major Leonard’s important
work on The Camel, published in 1893, as well as into the encyclop-
edias. It should, however, be taken with great allowance, when it
is remembered that the female camel gives birth but once in three
years, and does not begin to breed until 5 years of age. The employ-
ment of the animals for practical purposes in Nevada steadily dimin-
ished. Their appearance on the public roads frightened horses,
thereby giving rise to suits for damage, and leading finally to legis-
lation prohibiting their use on the public highways and their running
at large.

In the meantime the camels left at Camp Verde were employed in
various errands to places over the State and became so common a
sight on the streets of several towns that they ceased to excite curi-
osity. In some instances they were looked upon as a nuisance, because
they frightened horses, and the city council of Brownsville is said to
have passed an ordinance forbidding them the streets.

Thus they remained until the outbreak of the Civil War, increasing
naturally to some extent, showing themselves well adapted to the
climate and other conditions of Texas, and described in the papers of
the day by those who saw them as healthy and strong, of greater
stature and in all respects superior to the camels of the traveling
menageries. At the beginning of the war the camel station passed
into the hands of the Confederates, from whom the herd received scant
attention, being allowed to pick up its own living by grazing. Natu-
really, some of the animals wandered away. Of these there is an of-
cial account of at least 3. These were captured in Arkansas by the
Union forces and “sent to Mr. Paden, near the Des Moines River, in
Iowa, for the benefit of his care and economy in their support.” In
June, 1863, Lieut. J. Grayler, from the headquarters of the Depart-
ment of the Missouri, at St. Louis, asked the Department what he
should do with them; the Quartermaster-General, on the ground that
the number was too small for use, recommended that they be sold at public auction, which action was accordingly ordered by Secretary Stanton.

Doubtless others of the herd during this period of loose discipline wandered off from Camp Verde and found their way westward to the deserts and mountains of the Texas Panhandle, of New Mexico and of Arizona, where they lived free and half wild, the prey of hunters both white and red. There are numerous recorded instances where soldiers or hunters have seen the animals and pursued them. These instances occur with decreasing frequency down to within the past ten years.

When at the close of the Civil War the Federal Government was again in charge of Camp Verde, all thought of making practical use of the camels was abandoned. The number was now 44, and in March, 1866, sealed proposals to buy them were invited. The bids were opened at New Orleans, at the office of the chief quartermaster, Col. E. G. Sawtelle. Three persons were willing to buy: Horace Bell offered $5 each; Joseph Hallam, $10 each; while Col. Bethel Coopwood's bid was $31 each. Gen. M. C. Meigs, Quartermaster-General, at Washington, reluctantly gave the order to sell at $31 each, expressing at the same time his belief that private enterprise would better develop the animal in this country and his regret that the experiment had failed.

The camels were delivered to Colonel Coopwood at San Antonio, Tex., and kept by him in that vicinity until December, 1866, when they were driven into Mexico. In January, 1867, 12 of them were sold to the proprietor of a "circus and caravan," and the remainder appear to have been, during the next fifteen years, disposed of in the same manner. As late as May, 1909, the Express, of San Antonio, speaks of having observed in one of the midway shows which had exhibited in that city a camel with the United States brand on it and the counterbrand of a subsequent purchaser. No doubt a search through the many menageries, traveling shows, and the zoological gardens of the country would reveal other survivors of the Government camels, although their number is likely to be few, as it is now more than thirty-five years since they passed from Government ownership, and the camel does not often, even with the best treatment, attain to more than 40 years.

Thus, after a checkered official life of eleven years, the camels passed finally into the hands of private owners. Of the two shiploads of animals, the Government retains nothing except the bones of one of the beasts, which stand in a case at the National Museum at Washington and perform the duty of illustrating to students the peculiar skeleton framework of the "ship of the desert," besides serving as a souvenir to those acquainted with the story of the attempt to transplant these ancient drudges from their homes in Africa and Asia to the Western World. The camel in question, by one of its mates that had got animals were rutting and consequently that the combat was most fur reounding blows with their poles not interfere. The bones of the Lt. Sylvester Mowry to the

The most potent cause of the interruption by the Civil War of the camels which were imported with sufficient money to breed was necessary, and had he been drivers with their management reason why they should not have country as they were and are in easily and quickly acclimatized tasks in the initial experiment remained with them. But few and they found in the mule doctor their general use, a long course ing, was required. The begin Wayne to the South, after being exposed to capture and recapture which had much time to devote railways between the East and which it was proposed to use been employed to advantage by siasm and information on they collect and care for the scattered to such numbers as might be of merely a useless expense to the sold; but, as in the case of a regretted that the trial of the carried to conclusive results.
THE GOVERNMENT'S IMPORTATION OF CAMELS.

... World. The camel in question, while at Fort Tejon, Cal., was killed by one of its mates that had gotten loose during the night. The animals were rutting and consequently intractable. The soldiers relate that the combat was most furious, the beasts striking each other resounding blows with their ponderous feet, while the drivers dared not interfere. The bones of the defeated animal were forwarded by Lieut. Sylvester Mowry to the Smithsonian Institution.

The most potent cause of the failure of the camel experiment was its interruption by the Civil War. Had Major Wayne been left in control of the camels which were imported under his supervision, and supplied with sufficient money to breed and increase them, as he so well knew was necessary, and had he been free to familiarize the teamsters and drivers with their management, there appears to be no particular reason why they should not have been of as much use in parts of this country as they were and are in the countries of the East. They were easily and quickly acclimatized and they performed with success their tasks in the initial experiments; indeed, so long as Major Wayne remained with them. But few officers understood their management, and they found in the mule driver an inveterate enemy. To secure their general use, a long course of experimentation, as well as teaching, was required. The beginning of the Civil War removed Major Wayne to the South, and during the succeeding years the camels were exposed to capture and recapture by the contending forces, neither of which had much time to devote to experiment. The construction of railways between the East and West, of course, limited the field in which it was proposed to use the camels, but they might still have been employed to advantage had anyone been found with the enthusiasm and information on the subject possessed by Major Wayne to collect and care for the scattered remnants of the herd and increase it to such numbers as might be of some real use. In idleness they were merely a useless expense to the Government and were very properly sold; but, as in the case of any unfinished experiment, it is to be regretted that the trial of the camel in the Western world was not carried to conclusive results.