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usunted to Misear M. Teegmin ifor
the Libany the Sepaitmunk Buoligg, and whlic Ralth as a rememhance of tho many porfitatle home apuot under his gundiuc.

Nor. 10, 197.

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\end{array}\right.
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THE AMERICAN RED CROSS
SANITARY COMMISSIONTO SERBIA.
THE UNIT THAT SAILED MAY 16TH. 1915 ON THE S.S.ATHINAI.
FROM NEW YORK.


AT THE AMERICAN EMBASSY IN ATHENS GREECE.
JUNE 9, 1915.

> Left to right:
> C.E.Fox, S.H.Osborn, G. W. Bakeman, O. T. Campbell, (5) G. W. Taylor, J. S.Schmitt, E.H.Gage, R. W. Mendelson, E.D.Gayle,
> ( 10 'J. E. Harrington, R.D.Bates, C.E.Buck, A.W.Buck, G.S. Laughlin,
> ( 15 )H.H.Mitohell, C.B.Chinn, F.Gruver, C.P.Crafts, H.E.Berger,
> $2^{0}$ Ambassador Droppers, F.P. Bravo, E.E.Stuart, T.R.Schoonmaker, R.S.Lyman, E. H. Magoon, Hazelhurst, A. F. Cornelius.(27)
> (Right to left reading back.)


In Camp at Veles. Tune 1915

$$
\begin{aligned}
& \text { A DIARY } \\
& 0 \mathrm{~F} \text { THE } \\
& \text { AMERICAN RED CROSS } \\
& \text { SANITARY COMMISSIONTO SERBIA }
\end{aligned}
$$

STANLEY H. OSBORN.

*     *         *             *                 * 

UNIVERSITY OF DELAWARE

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## FOREWORDTO DIARY

## ORGANIZATION.

In Warch 2915, the Rockefeller Foundation War Relief Commission, whioh had investigated conditions in Serbia, reported from Berlin, that "typhus fever, typhoid fever and reourrent fever are epidemio in Serbia". "Smallpox and scarlet fever are preeent in some commities". "Cholers is expected with the warmer weather of spring".

This -eport resulted in the sending of The American Red Cross Sanitary Commission to Serbia in April, followed by a Larger Unit in May.

The Comisaion had as Director, Dr. Richard P. Strong of the Harvard Medical School, and consisted of sanitary engineers, ganitary inspectors, bacteriologists, biologists, and physioians, in all forty three individusls being connected with the Commission from time to time, altho the average number was twenty five.

## BIRTEF OUTZINE OF WORK COVERED.

HEADQUARTERS:- The headquarters of the Commission was estab11shed in Skoplje, (Uskub). Here the storehouse or magazine of the party was a four story building, a laboratory set up for making vacoine, a clinic started to treat the native population who flocked to it in large numbers, altho the Commission was not in any aense a medical unit and was poorly equipped for such mork.

From here units were sent out to Nish, Pech(Ipek), Jacovitza(Djakovo), Monastir(Bitolje), Mitrovitza, Prizren, Velice, Prishtina, Ferizovioh, Tetovo, Stip, Kumanova, Kisiva Palanka, Kavada, Radovíze, Vrania, Prilep, Ohrid, Doiran and Djevdjeli.
TYPHUS FEVER:- Work against this disease was chiefly of a. olean-up nature except in localized epidemica, and barracks, hotels, hospitals, prisons and houses all fared alike when a sanitary unit struck tom.

The methods of control were ohiefly:

1. Fumigation with sulphur gas, at least $5 \%$ being necessary to kili vermin, ilce, bedbugs, fleas etc.

 4.









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TYPHUS FEVER:-
2. Fumigation was followed by apraying with phinotas oil, a coal tar combination with reain, which kilied egge and was also useful for spraying for mosquitoes.
3. The mattresses, being burlap sacks or ticks filled with atraw, were emptied, the straw burned and the burlap sack disinfected with boiling water, biohloride of mercury or steam aterilized.

These sacks wers then filled with fresh straw. Bedframes and the inside of barracks and other buildings were sprayed with phinotas, the floors being sprayed also with crude oil or coal oil.
4. Patiente of hospitals and soldiers were treated as follows:
a) Hair olipped thoroughly.
b) Thorough bathing.
c) Clothing boiled, also bed olothing, or steam sterilized to kill vermin and eggs.
a) Inoculation with tetra-vacoine, a vaccine against cholera, typhoid, paratyphoid $A$ and $B$.
e) Storilized olothes then returned to owners.

TYPHOID:-

1. Inoculation with vaocine.
2. Bacteriologioal analyais of wells.
3. Wella were driven wherever polluted water found and it was found practical to drive wells.
4. Street ditohes were cleaned and dug. New sowers wore laid especially in Nish.
5. Sor thing of food.

## CHOLERA AND DYSENTERY:-

1. As in typhoid.

## MALARIA:-

1. Draining and oiling of swamps.
2. Chtting of reeds along shore of lakes.
3. Use of mosquito netting. Close mesh.

## MILITARY ACTIVITIES:-

Bathing and vacoination of soldiers and prisoners was oarried out in the southern two thirds of Serbia, and vaccination of troops in Albanis was done to some extent, two of the membera making a trip to Durazzo for this purpose. (Dr. Mandelson and Mr. Berger.)

When the Austrian Army attacked Serbia in October 1915, a field hospital was sent to the Belgrade Front and did service until the retreat into Montenegro and Albania.

## BATH TRAIN:

In bathing soldiers and prisoners a bath train was used.

## UILITARY ACTIVITIES:

## BULGARIAII IIVASION

When the Bulgarian Invasion of Serbia occurred in October 2915, a part of the Comission remained in Skoplje and continued the work as it had been under the Serbians, the Bulgarian Sanitary Corps allowing it to continue.

At the time of the invasion ambulance woxk was done constantly by the four cars that remained in Skoplje and the Fords did good service.

## THE DIARY:

The diary, while confined to my travels and the unit of the Comisaion that I was with, will serve to an extent in following the work and journeys of the men in the same unit.

No attempt has been made to elaborate the original text of the diary as the original in places serves better than if rewitttom.

Many of the piotures are mottied and indistinot due to the olimate and some of them were not developed until five months after they were taken, due to the laoz of facilities for suoh work.

No plotures were taken after leaving for home in December for military reasons as it was contrary to the ruling of military authorities in the countries ppseed through.
S. H. 0 .



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 $\left.\begin{array}{lll}2 \\ 0\end{array}\right)$
 Chatar nuqky
THE DIARY OF

STANLEY H. OSBORN M.D., SANITARY INSPECTOR IN THE AMERICAN RED CROSS SANITARY COMMISSION TO SERBIA AND MONTENEGRO. 1915.

## PREPARATIONS:

May 10TH. Went to New York with Dr. Cornelius to order uniforms and neceseary paraphernalia.

MAY 11 TH . Left Nem York and went to Washington to meet Major Robert U. Patterson at the American Red Crose Headquarters to receive orders and necessary instruction. At night left for New York and Boston.

WAY 12TH. Arrived back in Boston.
WAY 23 Th. Went to New York on 1:00 A. M, from goston. Got room at the McAlpin. Saw offioials at the New York Red Cross Office.

MAY 14 TH . Making final arrangements, uniforms, and other equipment. Received Equipment at Red Cruss Office.*
WAY 15 TH . Final arrangements made. Went to the wharf where the S.S.Athinai of the National Steam Navigation Company of Greece. Had a farewell dinner at night at the Hotel MoAlpin as ship did not sail at six o'olock as planned. Came baok to the ship at midnight and after watching the loading of the ship for a while finally turned in. T am bunking with Dr. Cornelius in a rather amall stateroom as they all are.

* See Appendix for list of articles included in equipment.
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MAY 25 TH . ON BOARD THE S. S. ATHINAI.
I had my baggage, a suitcase and duffel bag, sent from the hotel to Pier B., Jersey City. On getting to the wharf, I found the porterg gone, after having tipod them four bits apiece and a porter's bill of $\$ 2.00$.

After a forty five minutes search, the bags were discovered carefully hid from view, under the baggage master's desk on the wharf, a dirty place but rough and ready. On calling up the porters at the hotel, they told me to find "Cracky", who turned out to be the baggage master.

We arrived at the wharf about two o'clock, twentyBix in all and Major Robert U. Patterson of the Red Cross. At three $0^{\prime} c l o c k$ a portly young Greek told us to hurry on down to the other gangway if we cared to go aboard and to "hurry up". Finally got aboard cravling over the baggage of the Greeks that jammed the gang-plank.

On getting aboard we had our pictures taken by Underwood and Underwood and I snapped Dr. Cornelius and viceveraa.

At five o'olock we were told that the ship would not aail until ten o'clock at night, so went back to Nev York and mailed letters that I had written. Arriving back on the ship we were told again that sailing was postponed and we would not sail until seven the next morning, so Buck, Berger, Fox, Mitchell and I went into the big oity again, getting back on board again at midnight.

I received at night lettera from home and a basket of fruit from Prof. G. C. Whipple, Prof. Bunker, Mackenzie, Abbott, Ripley and Hawiea.

## Type of uniform




OUR WHARF N. Y.


INCOMING SISTER SHIP SALUTING


PASSING A FOFAGN SHIP.


STATUE OF LIBERTY. FOGGY MORNING.

MAY $16 T H$, SAILED FROM NEW YORK.
Woke up at $5: 00$., got up at $6 ; 30 \mathrm{~A}$. M. and at 7:00 two tugs started to pull us into mid-stream, from Pier B. The tugs soon left us and under our own power we started down by Ellis Island, the Statue of Liberty, by ships of Sweden, Greece and Holland, and finally out to sea.

It was impossible to take distant piotures as it was to hazy, a N. E, wind and a blow coming up.

Passed three destroyers in the harbor and soon arrived at Ambrose Light Ship. Just below here we met a liner of the same Company as our ship coming in. Dropped the pilot and full speed, which we found later to mean about nine knots an hour. At three $0^{\prime}$ clock we had only gone 65 , according to the $\log$ at the rear of the ship.

As we passed out, we saw in the dim distance, a freighter bound east and wo overtook her at three o'clock

It began to rain at 10:00 A. M. and the wind increased so that at three 0 'olock it was blowing strong. Thite caps and spray all day.

At five o'olock the ship began to shake from the waves, and the seas looked dark and threatening, with the clouds hanging low.

Had our first meal this morning on the ship, which consisted of ham and eggs, coffee, bresd and butter. For lunch we had, sardines, olives, mustard pickle, veal, macaroni and bread. Tea wag served at four o'clock with tea, milk and grahan orackers.

At ten o'clock this morning, all of the men ho had not received inoculation for typhoid fever, were inoculat-

AMBROSE CHANNEL LIGHT SHIP.


WAY 16TH. SAILED FROM NEW YORK.
ed, using the little solidified alcohol stoves that ProfPreacott had given each of us at Technology. Six of us also took typhus vaccine that we had obtained from Dr . O'Litaky of the Mt. Sinai Hospital at New York the day before sailing.

At five o'clock it was raining and blowing hard and two ships were seen off in the north. Berger on tho pisno and Mendelson at the mandolin gave us a duet to cheer us up. Just before supper me took a brisk walk around the deck for exerciae.

Nearly five hundred Grseks are aboard, mostly men, Who are going back to the Army in Greece to serve their time.

Passenger List: First Class- - -80

$$
\text { Second Class - - } 85
$$

Steerage - - - -

It got so cold that I had to dig out a heavy coat and swester from my duffel bag, and it soon became so windy that all retreated to the smoking room and salon to play cards or make music. We soon found that it was about 180 eteps around the deck after we had malked it many times. On going to bed, we found that we had only cold water, no sheets on our beds, and on meesurement the state-room with two bunks wes but eight feet square:

At supper the sea became more turbulent and a plate of soup slid into Lauglin's lap, which incident served to brighten up the crowd who mere feeling a little under the influence of a rolling sea.


-



MAY 17TH. ONE DAY OUT.
The Log read 229 at 8:00 A. W.
I woke up at 5:00 A. M. due to the noise of the ship, which was making a terrible noise below, by blowing off steam or something similar, but finally got to sleap again, waking up at 6:30., and noticed thru the porthole a big two funnelled ship, north of us, bound west. About two o'olock We passed another ship, a single funnel, bound west, one of the men said of the Anglo-Mexican Line.

Due to the rough sea we hed a sick List as follows:

$$
\begin{aligned}
& \text { Breakfast }-4^{-} \text {misaing. } \\
& \text { Dinner }--5 \text { missing. } \\
& \text { Supper }--3 \text { missing. }
\end{aligned}
$$

Most of us took in the "tsai" or "teion", which was served at four o'elock as usual.

The waves made the ship roll worse than yesterday, many of the fellows lying around the music foom.

To-day we had some rope guoits made and started in playing with them. We started in with eight of them, but many were tossed over board by the poor shota, so that we had one sailor making many of them thruout the day. We played singles and also made up teama of twos and threes.

Kany sall black birds flew along close to the water and accompanied the ship all day.

The temperature waa about 64.0 all day and a atiff breeze prevailed which began to die down late in the afternoon. About six o'clock in the afternoon we passed a one atack ateamohip going west.

Tonight we had a grand sing, vendelson on the mandolin, Cornelius at the violin and Lyman at the piano. After

FIRST SHIP SIGHTED OUT OF N. Y.


LOOKING OVER THE BOWS


SUNSET


MAY 17TH. ONE DAY OUT.
this, some took a malk about the deck, our only exeroise, while othors played cards in the smoking room.

At $0: 00 \mathrm{P}$. m . we passed a ship with only the red and white lights showing.
HAY 18TH. SECOND DAY. 485 KNOTS OUT OF NET YORK.
Arose at 6:30 A. M. Days run was 256 knots.
A big sea on this morning, which became calmer at noon, increasing again at nightfall. No ships sighted to-day.

Hazelhurst, who was taken sick yesterday, was still under the weather this morning, but Mrs. Hazelhurst who was accompanying him, was a capable nurse. We drev lots to see who would give up an upper state room to them. Bates and Lyman as a result went to the lower deck and gave up their upper deck stateroom to Mr . and Mrs, Hazelhurst. Mr. Taylor officiated at the draming of the lots. We found the weather very warm, $\left(72 .^{\circ}\right)$ as we were in the gulf stream, the water being a beautiful blue color. At night the ocean was phosphorescent.

The little black birds accompanied us all day, skimming just above the water and following the everchanging contour of the waves. Brown colored sea weed is abundant.

The waves were so high that spray continually dashed on the upper deck and more or less disturbed the ever present game of quoits.

SICK LIST: Breakfast -3 missing. Dinner - - 2 missing. Supper - - 1 misaing.

A DOLPHIN EN ROUTE FOR


THE DEPTHS.

MAY 18 TH.
Tonight the steerage passengers held forth on the lower deck, dancing, singing and having a general frolicking. Talk on "Fumigation" at night by Dr. F. Gruver. MAY 19TH. THIRD DAY.

Arose at 6:30 A. M., and saw the small birds were still following us, when I looked out of the porthole. A clear, cool morning $\pi i t h$ a strong west wind making the ship roll and pitch.

About $9: 00 \mathrm{~A}$. M. after breakfast, a ship was sighted and soon we saw a U. S. Scout Cruiser, a collier, another war vessel and a merchant ship to the south.

SICK LIST: Breakfast - - 1 missing.
Dinner - - 2 missing.
Supper - - - 2 missing.
We spend many hours at the wireless station getting any news that we can of the outside world that he may learn especially at night when the news is sent out to all ships. Took a picture of the wireless operator. (Page-17)

All felt fine in the morning, but in the afternoon several were misaing at"teion".

The ocean was monderful to-day, the waves coming from behind and breaking along the aide of the ship. Food is an ever changing novelty, and up to the present We have not had a duplieate course.

Singing tonight, everybody joining in, also had a quartet and Chinn gave his darkie solos with Mendelson at the piano.

The wireless comes at midnight from $12: 00$ to 2:00
A. M. bringing us the news of the world, except as on

MAY 29TH. THIRD DAY.
Monday night when static storms made hearing imposaible for the wireless operators. There are three operators on board. Tonight the news was that the speech by the German Chancellor was to the effect "that war with Italy was inevitable", and needless to say created much exoitement.

Time: 10:00 A.M. New York is 11:20 ship time.
Put on my gabardine uniform tonight to save the other for dress occasions.

Greek and Amerioan Flags flying in the dining room. Talk on Typhus Fever tonight by Dr Cornelius. MAY BOTH.

Got up at 6:30. Cloudy, hazy and cool. Ships time now one and one half hours ahead of New York Time.

After breakfast about 9:00 A.M. a three masted full rigged ahip was aighted ilying the American Flag.

Birde are still flying about the ship. Many dolphins were seen fumping out of the water about the ship to-day.

At breakfast, all the dishes slid off one of the tables due to the heavy sea running, altho there were but few whits combers.

Hazelhurst is still in bed, poor chap.
Played quoits about an hour. Slept the rest of the time. The stesrage passengers played the cello and danced the National Dance of Greece. Quite a dance, many steps.

A Toumament in quolts, Bingles and doubles, was posted to-day. Am entered in both, having Sohoonmaker for a. partner in the doubles.

MAY 20 TH .
Played auction for about two hours.
A Serbian Priest and a Captain, Captain Stevanovioh, who are aboard, are teaching us the Serbian Language every day at 11:00 A.M., and we are pioking up conaiderable. The Captain loat his leg in the war, (Balkan War of 2912) receiving six wounde. He has a wooden leg and gets around very well. He was a Captain in the cavalry. He has been in the U. S. buying supplies for the Serbian A IIII.

A wireless from another ship this P. M. says that, "ITALY IS TO DECLARE MAR TOMORROW".

Played whist tonight. Dr. Schmidt gave a talk on "Relapsing Fever". To bed at 11:00 P. M. MAY 218T.

Clear and cool. Got up at 8:00 A. M. too late for breakfast.

276 knots yesterday. 1316 knots to date.
Hazelhurst still under the weather. I feel fine. Took my second dose of typhus fever vacoine to-day.

No news received by wireless last night.
Passed two freighters, one going east and the other west this morning, while in the afternoon, passed a sailIng vessel, a two master, south of us, and later an oil ohip, a tanker with a yellow oabin and wheel house forward, the stack having a white stripe on black.

Heavy swells were running, the boat pitched, dishes, wine bottles, etc., started sliding again on our table. Tonight, a clear sky and a half moon; and such a moon.

Took a bath, but the bath tub uses salt water, so could not use soap as it made no lather.

But very few duplioate meals as yet, but everything is bathed in olive oil. Fresh eggs daily from the hens on the hurricane deck. Some are killed and are served for "chicken"!

Whist, ainging and Chinn's Stoxies tonight.
Talk on "Cholers" by Dr. Mendelson tonight.
WAY Z2ND. THE "COURT MARTIAL".
Woke up at 6:00 A.M., and got up at seven $0^{\prime} c l o c k$. Clesr and cool.

280 knots yosterday. 2596 knots in all.
Saw a brig to the north of us, going west, and in the afternoon, another was sighted about five o'clock going southwest.

At one o'clook we held the court martial. DEFENDANT CHINN. PLAINTIFF GAYLE(Colonel) CASE:

In a poker game last night, Colonel Gayle got excited and kicked himself on the shin, also he dropped a match, that he had lit a oigarette with, on his trousers and burnt a hole in them.

He claims that Chinn kicked him, deliberately touched a matoh to his trousers and in the excitement, stole some of his (Gayle'g) poker chipe.

THE CHARGE AGAINST CHINN IS:
1.Assault a nd bettery. 2.Attempted murder.
3. Arson.
4. Intimidation.

MAY 22ND, THE COURT MARTIAL.
Court Martial: Sheriff,-Dr. Gruver.
$\begin{array}{cc}\text { Judges, }- \text { Stuart } & \text { Campbell } \\ \text { Mendelson } & \text { Bakeman. } \\ \text { Osborn. } & \end{array}$
Atty. for Plaintiff,- Laughlin.
Atty. for Defendent, - Taylor and Schmidt.
Plaintiffis Witnesses, -
Harrington and Laughlin testified and disagreed as to how the match set fire, whether it was tossed or set directly.

Exhibit A. - Burnt match.
Exhibit B. - Box of matches.
The Defendent plead "NOT GUILTY".
A Greek Officer was arrested by Dr. Gruver for talking to witness and held in bond, on payment of six cigarettes, which he paid and the judges lit up and he was then released.

Witnesses testified that the pants were the property of the red Cross.

After the evidence was in, it was found that Laughlin was not in the room and yet he had testified in detail about the happenings.

VERDICT was rendered by the judges, "NOT GUILTY".
Bakeman to-day heaved a quoit into the ocean, and he came running into the music room, proclaiming, "I tossed a quoit into the sea". So the tournament was postponed until a new quoit was made, and as at the present time all the sailors were painting the ship, we had to mait until they got thru.

MAY RZND. SMOKER TO SERBIA.
Laughlin, Crafts, Dr.Gruver, Campbell, Chinn, Taylor, Bravo and Gayle have worked at the Panama Canal Sanitation Work and are experienced men.

Went down in the engine and fire room to-day. Four boilers, twelve fires, too propellers, ice machine, water pumps etc. Very hot in the fire room but cool at the bottom of the ventilators. One fireman a negro.

Tonight I gave a talk on "Dysentery".
Sent a Marconi letter to Mother to-day.
This is the first trip that the ship has made with
an American Moman on board.

## SMOKER TO SERBIA

Tonight we had a smoker to Serbia, ith lots of beer, cigars and oigarettes, but with but few eats.

Captain Stevanovioh toasted, "I raise my glass to the big country which is sending to our little country young men, some of whom may give your lives in order to save my countrymen, Vive America". He $^{e}$ then kissed Stuart. We gave three oheers Captain Stevanovich and again for Serbia.

Captain Boyazides, captain of the ship, sang Tipperary, My Blue Bell and the Greek National Song and later sang with us.

We then sang, My Country Tis of Thee, The Star Spangled Banner, Good Night Ladies and then broke up.

A fine time all around, 23 of us, three Serbians, two Greek officers, and ten other men.
MAY 23RD. THE STORM.
Got up at 7:30 and had breakfast. Cloudy, cool and


STORM, MAY 23RD.


LASHING DOWIN THE STEERAGE


THE STORM.
showers, with a high northeast wind blowing a gale forty to fifty miles an hour.

364 knots yesterday, the $\log$ showed this morning.
A heavy sea on, with the combers coming aboard, the wind increasing as the day went by, the waves growing bigger until about four $0^{\prime}$ clook when the storm reached its height. I took many pictures. We stayed on the hurricane deck during the storm.

During the storm, the waves came aboard over the bow of the ship, sweeping away the iron gratings from the cabin windows on the decir below; e.g. below the hurricane deck, while on the lower deok was awash the greeter part of the time.

The eailors spread ropes over the lower deck and tied down the hatches of the steerage, and also saw that all of the boats were ready in case anything should happen.

The forward part of the ship was wet continuosly with the flying spray. In our section of the ship the water got into the dining room and also in the musio room, above the dining room,

During the storm many of the fellows sat up against the officers' cabin on the hurricane deck reading books.

About noon, while on the hurricane deck, some of the hens got $2008 e$, and while we were chasing ther, one flew thru an open hatch down into the kitchen three decks below, and caused more commotion among the cooks than they had seen for a long time. One soup pan was overturned in the melee'.


FORWARD DECKS SWEPT CLEAN.


HEN COOPS SET LOOSE.


HENS ESCAPE, ONE DOWN VENI ILATOR INTO SHIP'S GALLEY

WAY 23RD. THE STORM
Morbidity Report:

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Breakfast - - - 0
Lunch - - - - 8
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Later at lunch seven more, including myself, had to walk out, the odor of the cheese and spaghetti making Mendelson and mesick, while the Hungarian Goulash got Stuart. Laughlin simply came in and turned around and walked out again, while Berger sat down, but immediately got up and walked out again.

Supper 6 empty chaire.
Also seven again had to walk out, including myself.
And to top the climax, Captain Boyazides of the ship informed us it was not a storm.

In the afternoon about three $0^{\prime} \mathrm{clock}$, we sighted land, the northernmost island of the Azores, the Island of Corvo, and later Flores, about fifteen miles away.

A baby girl was born in the second cabin at five o'olook this morning.

During the morning the steerage was fumigated. Also we changed our clothes many times after being soaked by the waves that came aboard.

We held a Sunday Service, Dr. Cornelius giving the prayer and a talk, and we sang hymns, etc.

The wireless got in communication with the $S$. $S$. King Constantine, the new boat of the same line as ours, and our Marconi letters went on her; it was her maiden voyage.

YAY 23RD. THE STORM.
I saw a porpoise sporting in the waves, about fifty feet off the ship, a black, shiny, sleek fish, about twelve feet long.

At times, when we went down into a trough of the Waves, we could not see anything except the waves on each side of us.

## MAY 24TH.

THE AZORES.
I got up at 6:30 A. H. and saw the Islend of Graciosa and later Terceira, of the Azores, to the south of ue.

Everybody is practioally well again, the storm is over and a long ocean swell is running, making the ship roll fairly well.

Sea Gulls are present around the ship, the first we have seen for many a day. The small black birds that follow the ship are still with us and we have not missed seeing them a day.

The islands that we see of the Azore Group are about twenty miles away, too far for pictures.

Tonight, a talk on Mosquitoes by Mr. Laughlin. After this all talks are to be at three o'clock so we can get to bed or stay on deck for the weather tonight is wonderful.

New York Time is 5:00 P. Y. While the ship time is 8:15 P. M., we are gaining sbout twenty three minutes a day. We are three hours and fiftean minutes ahoad of N. Y.

We took a colleotion, amounting to \$30.00 for the baby that was born in the second eabin yesterday, the collection being taken in the Firet Cabin Dining room where we are.


PORPOISE LEAPING OUT OF WATER.


EACH SPLASH A PORPOISE.

The second dose of typhoid vaccine was given to-day and many of the fellows were feeling a little sick. Gage had to go to bed he felt so bad. All others are well.

We ran thru a school of porpoises and I snapped five pioturea, in trying to oatch them as they jumped out of the water, but it is a rather difficult task to accomplish.

A Quoit has been made at last, so that our tournament can start tomorrow.

Weather is oloudy and cool, with showers in the afternoon, but by night it had cleared a little and a high head yind ( 20 miles an hour) sprung up as did also the moon. The moon will be full when we get to the Mediterranean Sea. Everyone is now studying diseases, senitary engineering or languages, as we are getting nearer to the job we are heading for.

The Serbian Priest pulled an automatic today and took pot shots at the porpoises. MAY 25 TH . NINE DAYS OUT OF N. Y.

Arose at 6:00 A. M., and saly two schools or droves of whales to the north of the ship. Kany porpoises also are about. Breakfast. Weather clesr and cool.

Ship's run was 262 knots yesterday according to the log.

The Serbian Priest is atill giving us lessons in the Serbian Language. Played bridge at night.

Took another aselt bath in the abominable bath tubs and afterward dreseed and went up to the wireless house


PAINTIN MAST-TOP, MIDOCEAN.



TEMPORARY AIR SHAFT FOR FIRE-ROOM VENTILATION.


WE APPROACHED HOT CLIMATES. STEERAGE VIEWING JELLYFISH.


HOT WEATHER TRIM ON ATHINA

THE WIRELESS OPERATOR.

MAY 25TH. NINE DAYS OUT OF NET YORK.
and stayed until the news came at midnight. A longer night letter came than usual, 523 words coming.

WAY 26 TH.
OCEAN A BEAUTIFUL BLUE.
To-day after breakfast, I took my last dose of typhus vaccine.

Ship's run yesterday was 269 knots.
Last night Dr. Mitchell gave us a talk on Typhoid.
Tonight Dr.Gruver and Dr. Schmidt give a talk on Plague.

Today we passed thru many large schools of porpoises and for nearly and hour we sailed thru myriads of small jelly fishes, four to six inches in diameter, of a beautiful red color, each having six to eight tendrils hanging from them. The ocean is a wonderful ultramarine blue.

Painters ( sailors), who are painting the ahip, are on the starb'd side of our deck, so that we were shut off and could not take our walks today.

We saw a fish, a very large one running alongaide of the ship just below the surface of the water and all agreed that it masashark.

Passed a sailing vessel and a steamer during the day and at night another vessel that was showing only a green light.

The sunset was wonderful and I took many pictures of it. It resembled a sunrise in many respecta.

All of the Greeks on board are oontinuoualy aipping coffee, in the smoking room, smoking and talking, four at a table, this being their ohief diversion.


CAPE ST. VINCENT, PORTUGAL SIGHTED.

MAY 26TH. TEN DAYS OUT OF NEW YORK.
Some of the Greeks are United States Citizens and are going back to Greece for a short time, and they explained that they are to stay less than aix months for if longer they automatically become Greek Citizens again, and thus liable to military duty.

I stayed up at the wireless until midnight.
MAY 27TH. PORTUCAL. WHALES
I got up at $6: 45 \mathrm{~A}$. M., had breakfast and at $7: 45$ we aat a drove of hales. There must have been ten to twelve young smsll wheles, and we judged them to be about twenty feot long. They were spouting in inne shape about a half mile away from the ship. Took some pictures, but owing to the dietance, I doubt if they will show anything. Later on another school of whales was sighted of about the same size.

At nine o'clook we sighted two steamers, one going north and evidently from Africs. Ohe showed no name and flew no flag. A gun was visible on the rear of the ship.

The other ship was going south, a large steumer with one funnel, and a white stripe on the side of the veesel.

About eleven o'clock WE SIGHTED LAND! It was Cape 8t. Vincent of Portugal. The oliffs $300-300$ feet high wore a mass of benutiful hues, red, brom and gray, and on the Cape was a Festher station and light house. The malled city was seen clearly, bohind the light house. The high mountains of Portugel and Spain were scen in the distence.

Here we passed twenty to thirty ships and saw the Dutch ship Cranjo, from Amsterdam, Italian ships and others.

SPORTS


POTATO RACE.
THE WINNER.
GAGE, BUCK AND MAGOON.


RELAY RACE AROUND DECK.
C. E. BUCK, WINNER.

MAY 27 TH. PORTUGAL.
Later we passed the French ship LeCoque.
The moon is full and it is a beautiful night and the sunset was superb. At nightfall the light houses and beacons began flashing their twinkling rays.

A talk on their Panama Experiences was given by Ur. Gayle, Taylor and Campiell.

We expect to reach Gibralter about four or five -'clook. Played bridge again tonight with Mr. Stuur, who claims to be from Holland. It is reported that he came from Australia to U. S. We played two games and expect to play the rubber tomorrow.

Ship's run yesterday жas 278 knots,
Went to bed at ten o'clock and left word to be cailed at $3: 30 \mathrm{~A}, \mathrm{M}$. in the morning to be ready for the Straita of Ginralter.
WAY 28TH. STRAITS OF GIBRALTER. STUUR IS A GERMAN CAPTAIN!
I was awekened at three $0^{\prime}$ olock by a howling mob, four of the fellows, Cayle, Mendelson, Gruver and others had stayed up all night to be sure and wake up. I dressed and on going out, saw the moon fall below the horizon, and about an hour later, at five o'clock, the sun arose, the mackerel sky being ablaze, orange-red before the sun was seen at all.

Beaoons and light houses were 11 ashing along the shore, Africa was on our right with the high Atlas Mountains.

After sunrise, we saw the high rugged oliffe of Africa more plainly on the right, while on the left, we


ROCK OF GIBRALTER FROM WEST. HOSPITAL SHIP FULL OF AT SUNRISE

INDIAN TROOPS.


NUMEROUS SMALL TORPEDO BOATS. STUUR A GERMAN NAVAL OFFICER!

MAY 28TH. GIBRALTER. STUUR IS A GERMAN CAPTAIN!
notioed in Spain a largo hotel all illuminated. Soon GIBRALTER WAS SEEN. A large masa of rock, covered with terra cotta buildinga, with tile roofs. We soon passed a transport, which was said to be the Empress of Britein, one of the ships thet before the war, plied the Pacific Ocean between Canada and Asia. It was full of soldiers and was said to have four thousand troops on board.

We were soon stopped by a small torpedo boat, four of which we noticed afterward in the distance, across the Strait. An officer on the boat hailed us, and the following convarsation ensued:

Captain Boyazides of our ship replying in each case: "Tho are youp" Ans. "Athinai."
"Where are you from?" Ans, "New York? "Where are you going?"nPireus!
"Any Cermans aboard". "I don't know."
"D1d you know Italy was in the war"? "Yes".
"Ia Greece in the mar yet?" "I don't kno.."
"Procsed to Gibraltex".
After the last ourt command, we proceeded to Gibralter and enohored by a transport, the deoke of which were brown with men.

The inner harbor had a breakwater. Lines of rock were noticed horizontally along Gibralter where roade and water conduits run.

Te then had breakfast. Afterwards, Spaniards came in boatd from Alge ciras and sold lemons, apricots and stramberries, we buying many baskets of the latter.


TROOPSHIP TAKING TROOPS TO DARDANELLES.

NORWAY SHIP IN HARBOR.

MAY 28TH. GIBRALTER. STUUR A GERMAN CAPTAIN!
We were boarded by a British Government Officer and everybody was examined. Mr. Stuur was taken from the ship with a trunk and two suitcases of his.

Later Captain poyazides wes notified and he and the Chief Engineer went ashore in the British $\mathbb{N}^{\text {aval }}$ Launch at ten o'clock.

Torpedo boate are continually passing in and out of the harbor. All ships entering and leaving are boarded. A string of boata are across the straits.

Mililo and Algeiras, Spain, are aoross from Gibralter and Spanish boatmen come alorgsice the ship with devil fish, apricots, strawberifes, oranges, sardines and lemons.

We had showers in the morning but it cleared by noon. all the morning target practise was going on by the batteries on the Rook. The warships are behind the breakwater off which we anchored.

The Danish ship Valreikan and also the Transport left at noon (Empress of Britain), the soldiers oheering us and we left dinner to cheer them.

The Captain has to await orders, and we are hung up here off Gibralter and the coast of Spain. There is a town on the opposite shore in Morocco Africa.

This afternoon two Red Cross ships, one a small one and the other a large one, loaded with Indian Soldiers, came in past us this afternoon, coming apparently from France, Later they left sailing east. Both were British.

BUYING STRAWBERRIES FROM THE BUKBOATMEN FROM SPAIN.


MAY $28 T H$. GIBRALTER. STUUR A GERMAN CAPTAIN!
The large ship had a green stripe with three red orosses, an illuminated red cross for night, and a red cross flag สลs at the mast.

Ships are entering and leaving every few moments, Italian, Norwegian, Fussian and English.

We can see a transmission cable line on the Rock. A beautiful beach is seen in Spain, but we can have no swimming for the Captain says that we may leave at any minute.

Mr. Stuur, who was taken off, turns out to be a German Officer, off the Prince Eitel, which is interned at Nevport News. He claimed to have been the ship's doctor. He sent word that he was sorry not to have been able to have finished the rubber at bridge, with the Americans.

It is beautiful and warm here, so different from the 0001 Atlantic. The coesn is full of porpoises. The mountains of Morocco appear to be right at the cosst line, and are so high that the summit is concealed by the clouds all day.

We watched the an at 7:30 P. M., Greenwich time and saw it go down over the mountains of Spain, and soon the air was so cold that we had to don our sweaters.

After supper we came on deck and saw the moon rise, and such a moon, coming up behind the Rock of Gibralter, and then like a searoh light it struck us full, and we could read by the light of it.

MAY 28TH. GIBRALTER.
Then the search lights started up, shooting their rays all over the harbox, continually sweeping the ocean. It was a very pretty sight. A transport came in during the evening.

MAY 2ЯTH. A KINED SHIP! BARBED WIRE IN OUR SHIP!
Got up this morning at $5: 30 \mathrm{~A} . \mathrm{M}$. and found that we are still in the harbor. The sun was wonderiul as it cana up over Gibralter. A cloud covered the upper third of the Rock, but oleared AS the sun arose.

Word came that berbed wire and rice on our ship were to be unloaded during the afternoon.

We bought stramberises, large Iuscious ones at $\$ 2.25$ a basket, twenty pounds of berries, about twelve quarts, by U. S. measure. We had them on our table also yesterday.

We sav a ship, the S. S. Harpagus, in the harbor with a large hole in the bow, it evidently having been in collision or had been mined.

The harbor is alive with little launchee(gum shoes), that viait the different ships and tell them what the British Admiral desires to have them do.

There is an area on the northern end of the Rook, near the top, that is part of the watershed for the water supply and a conduit is seen running down the side of the rock to the underground reservoirs.

The bumboats are still along side, with ifish, tobacco, and other goods, aach has a license number painted on the


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## WAY 29TH. OUR WIRELESS DISMANTLED.

side. We bought of bumboat \#49, All talk the English Language and ask high prices, but we beat them down each time, usually about $200 \%$ in one case from $\$ 7.00$ to $\$ 2.00$ on some laces. A man came aboard with the Port Officer, to sell some laces and the Port Officer stayed as long as the lace man.

The apricots are fine and taste like peaches.
Captain Boyazides went ashore in the morning and did not return until 5:30 P. M. He said that the British Admiral would not sllow us ashore, but that he would write us a letter tomorrow.

The ship furnished strawberries for the table at noon and at night we had the ones that I had bought. The most luscious berries that I ever tasted.

At nine o'clock this morning, we raised our anchor and moved to the northern part of the roadstead, near $t$ he Spanish Shore. In the afternoon, several lighters came out and started to take off the rice, which was on top, but coffeesacks and Red Cross Supplies had to be removed before they found the barbed wire in the bottom of the hold, several decks below, so that at night the unloading was but barely started. It looks as if we should be here until Monday.

Our ship had to tike down its wireless apparatus today and rumors of not allowing our lights lighted tonight are rampant.

Mules and donkeys are continually parading the beach With packs, or dragging large wagons loaded with cork,

MAY 29TH. THREE GRRMANS FOUND ON A SPANISH SHIP!
from the cork forest in Spain. We are now close to the town of Algetroiras, and it is a pretty town from the ship.

Torpedo boats run out of the harbor relieving those on duty, and soon others came in from the straits.

A boat just came over to our ship and took away some of the filled lighters, including one with our Red Cross Material as it had to be taken out before the wire could be unloaded.

Three Germans were taken off a Spanish Ship that came in. A Fussian ship has been lying near our ship all day.

Here I am writing, a half mile off Spain, Algeifoiras with Gibralter a half mile to the left, with a harbor full of ships, and across the Straito about seven to ten miles is Tangier in Morocco, Africs. The oliffs in Africa, are an imposing aight, rising sheer from the sea, till their tops are hid by the olouds.

A war ship is in diry dock at the end of the breakwater.
Betweon Algetwiras and Gibralter, is a amall town of Campamento Spain, on a small hill, with a race course, where races are held on Sunday, and Linea is near Gibralter and has a bull-ring.

Tonight orders from Gibralter required no lights showing, so ourtains are drawn and sheets are placed over the portholes, and the windowe. Toni ht another beautiful moon, and the only thing to do, is to sit and watch it, with the search lights eweeping the harbor, roadstead and the Straite off the Rock.

MAY 29TH. GIBRALTER. GERMAN LINER CAPTURED.
Played whist with Buok, Berger, Chinn, and thon Went to bed about eleven o'clock. As I was going to bed a. large two stack liner came in the harbor.

Everything dark, not even ship lights are allowed, and it is a weird sight to see the ghostly shapes, for there are over twenty ships in the harbor. one or two are German liners thet are interned.

The best prize of the war taken by the authoritiea at Gibralter, was when an English Captain went along side a. German iiner, whioh would not stop, so the Captain jumped aboard and held a revolver at the German Captain's head, who then surrendered the ship. He was advanced in rank and sent to England as a result.

The bumbostmen and othere to-day, demarded American Money, refusing French.

MAY 3OTH, MEMORIAL DAY. GIBRALTER.
Foke up at 6:30. The iighters returned at seven to remove the wire and rice, and ate their,breakfast at efght o'clook on the lighters. Coffee and shaet steel had to be taken out before the wire could be removed, as it was in the bottom of the hold.

A Greek ship entered the inner harbor at $5: 30$ A. M., and left at 10:30 A. M., for P1reus, Greece.

The fellows bought four baskets of berries, (oighty pounds) for one dollar a basket and later for seventy five centa, thet had cost us previously two dollars a basket. The berries are fine however and $I$ shall remember them forever. They are large, Iuscious and juicy and we have them three times daily.
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MAY 30TH. THIRD DAY AT GIBRALTER.
Today, the ship bought fresh fish, oucumbers, oummer squashes, lettuce, strawberries, and beef. The fresh water is getting low.

A few days ago, a ship's captain neglected to observe the lights out order, and as a reault he was held three days for disobedience of the order.

We held Sunday Services at eleven o'clock, Dr. Cornelius leading. At twelve o'clock we had dinner, strawberries as usual.

After dinner, the lignters that had been hard at work had succeeded in removing all of the rice, but had not yet reached the wire, due to the large amount of galvanized sheet iron which was on top.

I bought a brow ponge silk shirt for $\$ 1.50$.
This afternoon at $1: 30$ P. M., the races started on the shore in Camparmento, and we moved our seats to the deck edge, and with our glasaes watched the races and cheered the players. Even an occasional bet was laid on the blue or yellow jockey, as the case may be.

Boats, one a steamer, the Energetic, conveyed people from Gibralter to Campamento, where the race course and grandstand are situated. The races lasted untill six o'clock and many falls were witnessed from the deck.

We are now singing, "MANY SHIPS HAVE COME AND GONE, BUT WE STAY HERE FOREVER."

This morning a man died on the Russian Ship near us, and the port doctor sent for a Red Cross Doctor. Dr. Sohmidt and Dr. Mendelson went to the ship, they being the only ones in the amoking room when the captain came in for a


ROCK FROM THE WEST

MAY 30TH. DEATH ON THE RUSSIAN SHIP. GIBRALTER. doctor, so I did not get a chance to go. This afternoon they had to go to the Coroner's Inquiry.

MAY 31ST. WE LAND AND SEE GIBRALTER: SPECIAL PASSPORTS.
We went ashore to-day, visiting linea the adjoining tom in Spain and also the city of Gibralter on the Rock. In the afternoon we chartered a launch and went over to Algeitciras in Spain.

On landing at Gibralter, we were held and had to show our special passports and pass a very rigid scrutiny. We then went thru small gates, archways, with sand bags on top, across an open square and thru the old Moorish Market. Everything here was covered with flies, with dusky looking Moors in attendance.

We then took carriages as far as the postoffice, mailed postcards, then went to the Alameda Cardens, where Nelson was buried for a time. The old gate was built by Spain and had the Spanish Coat of Arms on it.

We then saw the dry docks, the Inflexible being in one, she having been badly injured at the bow and elsewhere in the Dardanelles Bombardment. Then we sam the fort, the naval hospital and the 101 ton gun.

Then we got in our carriages and drove back thru the town by the old Moorish Castle, to the neutral ground, (a narrow atrip of land several hundred feet wide protected by berbed wire between Spain and the Fock), across the causeway, by sand bag fortifications, by a new wharf that is being built, the rock being taken from Gibralter itaelf, at the of duck pond. The duck pond is a stale body of water, full of algae and smelling badly.




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MAY 31ST. TO ALGEIRCIRAS SPAIN. BULL RING.
The wireless apparatus was noticed here on the north peak, the wires extending from the summit to the ground below.

We then crossed the Neutral Ground, an iron fence, barbed wire, sandbags and entrenchments, protecting the English border of the Neutral Ground. We soon entered Spain and visited the town of Linea. Here we had to leave our carriage and walk. We viaited the market place. Here Colonel Gayle had quite an experience, with the girls of twelve to eighteen years old. We saw many sights, dogs everywhere and the eacred rooster at the entrance to the market place. The Civil Police inquired in the market who we were.

The streets were narrow and paved "ith square blocks, which were very uneven. There were no wagons, and altho there were sidewalks, the populace used the streets.

Every few adjoining houses had a sewer in common.
We then returned and had dinner at the Grand Hotel at Gibralter, near the postoffice, where we got some money changed. We had soup, cukes, egg salad, fried eggs, steak, pudding and coffee for four an' 'alfp'nce.

I bought a History of Gibralter and also a pair of eye glases for $\$ 3.50$ gold, and at three o'olock started over to Algewriras in Spain, taking the boat across the bay. It cost five pesetas over and back. Reaching Bpain I found my first 00 or as we called them later, in Serbia, "nooznick", the sanitary equipment of all houses and hotels, in genersl, thruout southern Europe.










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WAY 31ST. ALGEIRCIRAS SPAIN. PANTHER-AGADIR INCIDENT.
We then went to the Cathedral, the chief show place of the city, where there were many small altars, at each a candle burned(a wick in a gless of paraffin), and holy water stood in several large sea shells, the color of the water was a contrast to the white shell.

We then visited the Government Building and room, in which the German-English Conference and Treaty was signed in 2907, after the Agadir and Panther incident, when it 200ked as if England and Germany would go to war. It cost us a franc to get into the room and see the souvenirs, piotures, names, etc.

We then went to the bull-ring and saw the preparation for the Fair to be held on June 13th.,14th., and 25 th., arches bunting and other decorations of a rather crude sort being erected. At the bull ring the seats facing the sun were sixty cents and the best were $\$ 2.00$. We visited the bull pens with the heavy aliding doors, which let down from above and we saw the pens thru the wooden gratings. A hospital was kept in the building for the toreadors who may be gored. The heavy saddles used for the past contests for many years were still used and they weighed fifteen pounds, the stirrups in addition weighed ten pounds, being of solid iron to protect the feet.

The children in this Spanish town were a curiosity, they running around with a dress or pants on only, and as occasion demanded attended to their toilet in the street or other convenient spot.


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## MAY 31ST. ALGEIRCIRAS SPAIN.

After sight seeing we went to the Hotel AngloHispano and had a cup of coffee, and wrote letters and postal cards. Coffee was a"tenpunce", one shilling with cakes. We soon left as we were due at the boat at six $0^{\prime} c l o c k$ and when we axrived there, we found that two were missing, Campbell and Crafts. We blew the launch whistle many times, and such a whistle!! a shrieking high C. While waiting we had our piotures taken on the wharf. They must have heard the whistle for soon, we saw them coming, Crafts running and Campbell wabbling down the wharf. They had been a mile away, up on the hills taking a walk, they said.

It was important to be back, as no boats are allowed to nevigate after seven o'clock. We reached the English Port Boat, to which all boats have to report before going to Gibra子ter, and from them got permission to navigate until seven thirty and thus got back to the ship.

At Algeiwiras is a German tender, "The Grill" of the North German Lloyd Line, which interned the day before the war. She was used to transfer paseengers to the shore by that line from the ships.

Some of the fellows bought pinks and pansies at Gibralter and the table was covered with them tonight. Algeifoiras has a population of 14,000 . In back of the city were secn the cork woods, the trees being stripped for their cork, and are also being rapidly thinned out by the charcoal burners, who carry the charcoal to market in panniers on the backs of the donkeys.

## MAY 31ST. SPAIN. GIBRALTER.

Gibralter has three high points, the central one being 1294 feet high, and has on it a signal and weather station, and the peaks on the ends having wireless and batteries from what we can see. These are the so called watch towers exected by Philip III of Spain against the Turkish Coreaira.

A tower on the hill is called the Queens Chair, in whioh the Spanish Queen is said to heve sat during the Franch and Spanish Siege of Gibralter. The chair is 971 feet high and is 6,866 from the Rock on the Spanish Shore.

The soldiers that we saw at Gibralter, were very young, many of them aeemed not over 17 years of age. Sand bag emplacements were everywhere along the shore, to prevent landing parties, in case necessity should occur.

At Algetwoiras at the railroad station we saw a ourious small fourwheeled train of cars draw in from Paris and it was a curious aight to us.

We also saw the curious milk supply, where goats are driven along the streets, and when a householder desires milk, the goat is milked in front of the house. At Algeifciras also wąs an old Roman Acqueduct built of stone.

We had a few Turks on board the ship, but the English Ofilcers said, "Let Italy tend to them".

Played bridge and wrote letters tonight.
To bed at twelve o'clock.


ALL SHIPS VISITED BY PORT TUG ON DEPARTURE.

S. E. SIDE.


DROPPING THE PILOT.

WEST SIDE OF ROCK


EAST VIEW OF ROCK.


NORTH END OF THE ROCK.


JUNE 1ST. SHOPPING AT GIBRALTER. WE SAIL FOR GREECE!
Went ashore to Gibrelter at eight o'clock, and wandered sround. Bought some cufflinke for my soft shirt, three shirta, soap, tooth paste, chocolate and shoe polish. Returned to the ship at one olock, it costing a shilling each way.

I had corfee with the Colonel at the Universal Hotel. Weighed myself at the Europa Gateway and weighed 1a/7 (atone and pounds). While there we sam Harrington and the Serban Priet with some girls. The ehirts cost me five shillings es.ch.

At four o'olock we sailed from Gibralter.
As a farewell, we threw many of the small vile orangeo at the bum-boatmen as we left. We dropped our pilot at the Port Comander's Boat, and swopt around Gibralter in a large circle, going south and finally east. I took many pictures here of Gibralter, showing the south and east sides, with the masses of sloping concrete or the toboggan slide as the fellows call it, which is a part of the water shed of the rock. Fight off the rock we met the largest school of porpoises that we had yet met.

We now started our war preparatione, the Admiral at Gibralter had told the Captain that it would be best not to use the wireless and also to paint Greek Flags on the sides of the ship and get the life boats ready as there were submarinea in the Mediterranean, five being reported!

Took pictures of the men getting the ifeboats ready and making and painting the flags to hang over the ship. The Wireless is up, but we receive and do not send messages.

QUOIT TOURNAMENT.


COLONEL GAYLE WG AN ARDENT SUPPORTER OF THE GAME.

JUNE 2ST. SAILING EAST IN MEDITERFANEAN SEA.
A heavy sea swell is on and as we are broadside to it, we are rolling conaiderable.

Tonight all the ship's lights are lit again and is a relief to have the sheets down from the windows and the decks illuminated once more.

After supper, I went to bed early at 9:30 P. M.
JUNE 2ND. TYPHOID INOCULATION COMPLETED! QUOIT TOURNAMENT.
Arose at six $O^{\prime} c l o c k$ and after having an orange $I$ went on deck. We are still in sight of the mountains of Spain.

The inoculation for typhoid fever among the fellows was completed today without incident.

The "Life Boat Assignment" joke was sprung today, word boing passed to Stuart, Magoon and Berger, that the Captain was assigning the life-boets, and they chased all over the boat to find the Captain and recoive the seat in the life boat that they were assigned to.

We passed four steamships on the horizon today before noen. About two o'clock we passed an Italian ship going to Africa.

Colonel Gayle and Harrington played their match in the quoit Tournament, playing Mendelson and Laughlin, the latter two winning, 21-16; 11-21; 31-18.

Played bridge at night and went to bed at 10:30 P.M. MORBIDITY LIST : Breakfast - - 0

$$
\text { Dinner }--2
$$

$$
\text { Supper } \quad-\quad 3
$$



ONE FOR EACH SIDE AND ILLUMINATED AT NIGHT,


BEAUTIFUL LITTLE SCHOONER, IN MEDITERRANEAN.

JUNE 3RD. BIRTHDAY OF KING CONSTANTINE IS CELEBRATED!
Got up at six thirty. The log read 276 knots for the days run. Yesterday morning the $\log$ was 235 knots as the heavy sea made the going hard.

Had an orange and coffee with Col. Gayle, Crafts and Campbell, instead of the uaual breakfast of ham and eggs, jam, bread and coffee.

We passed about twenty miles off the African cosst and gam a U. S. Battleship on the horizon, at least assuming it to be as it had the basket masts. It may be one of the two ships that were sold to Greece.

Today the King of Greece has a birthday anniveraary and Captain Boyazides had it celebrated. In the morning services were held on board on the rear deck. An altar with a picture of Ohrist; on the altar were three candles in a wine glass and incense burned in a brass holder. The Priest and Captain Boyazides led the services, which were largely songs and chants. Then after about an hour the service closed with three cheers for Constantine, Greece, Athens and Italy.

At noon the Crecian Mational Dance was carried out by the steorage passengers, to the time of a violin, mandolin, guitar and cello.

Meals are getting worse, being soaked in olive oil!
Today Captain Boyazides ate in the dining room with us, about the second time since the trip started.

In the afternoon, I got a hair out, Grecian Style, and am now all Grecianized and ready for eastern customs. The less said about the hair out the better. MORBIDITY LIST:- Breakfast 2; Dinner 2; Supper 0.


OUR MASCOTS.
BOAT DRILL AS BRITISH AT GIBRALTRR WARNED US SUBMARINES ARE NEAR.


THE FIRST DRILL. NEW ROPES PUT IN THE BLOCKS AND WOODEN TOPS REMOVED FROM THE BOATS.


AFTER THE CREW WERE ASSIGNED NUMBERS IN THE BOATS; THE WHISTLE BLEW AND THE OREW CAME UP FROM BELOW.

JUNE 3RD. EVERYONE INDISPOSED! BOAT DRILL!
Apparently the reaumation of the voyage has given everyone a iittie indisposition, for the music room ohalrs and benches are filled, nine lying down and lounging. A heavy swell on makes the ship roll considerable, very much like the ocean.

Another whale, the first we have seen in the Meditteranean Sea. After spouting three or four times, he up with his tail and dove and we saw him no more.

We passed three freighters going west, all empty and flying no flag and were probably British.

At noon Stuart gave a toaet to King Constantine. In the aftemoon the Greeks on board had a rope pull and dances. All, including the officers of the ship were dressed in their best uniforms.

The ees is so blue and the moon is wonderful, it makes one wish that those at home were with us to enjoy it also.

All of the fellows are constipated and are taking the necesaary ramedy, the C. C. pills.

The FIRST BOAT DRILL OF THE TRIP was held today, and after twenty minutes, the four boats were launched. The drill started with a series of ahort blasta from the ship's whistle(whioh is on the blink, is hoarse and doss not blow good). After the whistle blew, the crew fairly awammed on deck up to the boate, in very quick time, but showed a lack of training in swinging out the boats, and finally four were swung out.

A remarkable thing if the soarcity of ships, only passed six ships and no sail ships. One was an Italian


AFTER MUCH PULLING A BOAI WADSWONG OUT.


QUAY OF PALERMO HARBOR WITH WHARF.

JUNE 3RD. BOAT DRILL.
ship of the White Star Line.
Tonight played bridge with Capt. Glavionis, Chinn, C.E. Buck and others until late.

JUNE ATH. ISLAND OF MERITIMO. TRAPANI, SICILY SIGHTED!
Arose at six and had an orange for breakfast and aighted a pair of ateamers.

It is practically impossible to sleep after six o'clock as the orew wash dom the decks, and oarry on a loud conversation. Then the crowing of the roosters and the caokling of the hens on the hurricane deok add to the clamor and the uproar.

In the afternoon played dominoes, chess and checkers.
Land sighted, the Island of Meritimo, which is west of Sicily, and about 10:00 P. K. we oighted a light which is probably Trapani, Sioily.

At six ololook the boat slowed down to about six to eight knots an hour. Quite a fow shipe were seen in the evening.

Played bridge at night with Glavonis, Berger, Chinn and myself.
JUNE 5TH. PALERMO, SICILY. LEMONS EVERYNHERE HERE!
Was awakened by a great noise, that turned out to be a "real whistle" from our ship; a series of blaste, then quiet, then a series more. She was whistling for the pilot and the olook said 4:40 A. $U$.

We got up, nearly to a man, and found that we were at the entrance of Palermo Harbor, Sicily.

PALERMO, SICILY, ITALY.


TRANSPORT LEAVING.
LARGE ROCK NEAR HARBOR ENTRANCE.


QUAY ALONG WATER FRONT.


CLOUDS AND MOUNTAINS AFTER THE SHOWER.


HARBOR SHOWING OLD FORT.


ITALIAN MARINE ON BOARD.


JUNE 5TH. PALRRMO, SIOILY. ITALIAN DESTROYER.
We entered and dooked sternmost to the mole(which soted as a breakwater on our side and slso on the northern end) of the harbor.

Breakfast at 6:30 A. M., whioh surprised sll of ue. Then the Itsilan passengers, who had this port for their destination, got off.

Th now got ready to go ashore, Thomas cookes man, Sig. Richichi, and a guide, prepared to take us on a trip around the town for $\$ 2,00$. for the day. I gave him by watch to have a crystal put in as I had broken mine. He brought it book at 6:30 P. W., and also a letter from the U. s. Consul, whioh said that as long as we did not have our passporta viased by the fitalian Ambassador, wo could not go ashore. An oversight on our part. An all day wait for nothing. We sent postals from the ship.

Palermo is a pretty ofty from the ship, surrounded by high mountains. The day was showery, with thunderstorms and a heavy awell, something very unuasi for Palerao in June. An acqueduct and algnal station are visible on the hill. Caatles are viaible on the hills and a fort is on the edge of the harbor, evidently very old.

Lemong arg boing loaded on a ship next to us, lightars bringing the lemoas out, one men to each lighter, who aalls the scow, atoera and everything else.

Sat a Belgien ship the "Roi Leopold."
The Greek Officers failed to get ashore.
Salled from Palermo st 6:30 P. 4 .


PILOT BOAT AT ENTRANCE TO STRAIT
STAAIT OF MESSINA. OF MESSINA.


TERRACED FIELDS AT REGGIO, ITALY.


STRAITS OF MESSINA AHEAD.

JUNE GTH. STRAITS OF WESSINA. ETNA. LIPSARCHE IS. VOLCANO!
Up at 4:00 A. M., for we are to pass thru the Straits of Messina at daybreak. It is a dark and cloudy morning, with showers.

Soon a beautiful orange sun arose and the sea was very calm. Off in the distance we saw the Lipsarche Islands to the north, spouting steam from the volcanoe. At 6:30 A. M. We sighted the Strait of Hessina. The wind came up and the waves showed white oaps soon.

The Straits were entered at 7:30 A. lif. as we went around a long apit of land, a regular sandbank, which was the esst end of Sicily on which we saw buildings, the city of Calabria, and on the Italian side the city of Reggio. Later the cities of Etna and Messina were passed on the Sicily side.

The shores on both sides are lined with houses with red tiled roofe, many of them scattered up the mountain sides, the latter being of great height on both sides of the strait.

At Regio, a warship was seen at the wharf or mole. As we entered the Strait, we passed a British Steamer, and going thru the Strait three more Britiah Steamere, a Greek Ship, the latter we saluted with three blasts from our whistle.

Trains were visible on both shores as they went along. Coming down from the mountains were roads and also wide walled up river beds full of clayey looking water. These looked as if they were for lava or heavy rainfalls. At Mesaina were moles, behind which we saw many steamships and fishing vessela.

LOOKED OUER BY FRENCH WARSHIPS, AT CAPE MALLA, GREECE.

CAPE MATAPAN

JUNE GTH. STRAIT OF MESSINA. MOUNT ETNA: Many temples and churches were visible. Mt. Etna was in a quiescent mood to-day, but was a very bold and forbidding mountain to observe.

Soon Cape Spartinento was passed, just at the arch of the boot of Italy, and we sailed into the Ionian Sea, passing the Cape at noon.

We hold Church at eleven o'olook. Singing and a talk by Dr. Cornelive. Prayer was by Cornelius and Kagoon. All had a clean ghirt on and had shaved.

The hille of Italy and Sicily were terraced for cultivation purposes. On the southern end of the toe, a town was seen thet was in ruins.

All the mountains are volcanic, and great beds of lava were seen extending down the hill sides, most of these being used as river beds, malled up at the sides. The see is wonderfully blue, even tho there is no sun.

Hazelhurst is in very poor condition, caughing continually thruout the night. Mr. Colonel Gayle, as the "Pope" (The Serbian Priest) calls him, has also had a bad cold for over a week.

After passing the Cape we saw two small sailing vessels and nothing else during the day.

Composed a few songs at night and went to bed at 20:30 P. K.
NOTE: See Appendix for the Red Cross Songe that were composed this evening.


CAPE MALLA, GREECE.

JUNE 7TH. GREECE. A FREIVCH TORPEDO BOAT!
Today is Hay 35 th., by the Greak Calendar. We are still out of sight of land. After breakfast at nine -'olock, a Grecian Island and also Mareas were sighted. At noon, the mountains of the Peloponesius were in plain view, and Cape Gallo was identified.

One mountain, $\mathbb{H}_{t}$. Datus, had anow on its top and in the gullies. We then went thru the Gulf of Kalamata, and soon went by Cape Katapan, into the Culf of Karathonisi by Cape Kalia, pasaing the Ialand of Cerigo on the right at five o'clock.

Off Cape Malia, a French Torpedo Boat cane out and looked us over, dipping her ilag. We oheored them and they oheared us.

At seven $0^{\prime}$ olock, after pessing Cape Malia, we were We wera rapidly boing overhauled by a French Warship coming from the east, when whis it was about 10 to 15 miles off, we saw her wirele日s sparking thru the glasees and then she sailed back. Probably commuicated ith the torpedo boat that we had met.

The firet Cape (Gello) was brown and barren, no shrubbery, grase and but few olive trees. But Cape Katapan and espacially Cape Malia, were green. All were mountainous with rock olifis, being very steep and precipitous. Cape Watapan, the Island of Cerigo and Cape Walla had lighthouses on them. All are built on the general plan of a house with the light house towar sticking up thru them in the oenter of the building.

$$
\begin{array}{rl}
A T & P I R A E U S \\
P O R T & O F \\
& \text { ATHENS }
\end{array}
$$



JUNE 7TH. GREECE. NEARING PIRAEUS.
Today, Bates, Harrington and Mitchell were very sick, accompanied with vomiting. We believe it to be due to the dates that we had last night for supper.

Played bridge, with Berger, A. W. Buck and Captain Glavonis, winning as usual?

After getting thru at bridge, I went to my "stateroor" and packed my dufile bag and suitoase, which were so tight when I got thru that I could not get another thing in them. I then walked the deck athile and after getting good and tired I turned in, for as $\ddagger$ supposed, a good nights sleep.
JUNE ETH. APPRDACHINO PIRAEUS! 23FD. DAY FROM NET YORK!
At four o'olook in the moming I mas awakened by the tooting of the ehipts whistle, and on going on deck found that ve were passing the Island of Andros and approaching Pireaus. Weather is pleasant and olear.

Soon the sun came up directly ahead of us, and it was a very protty sight as it arose over the hilis of Athens.

Now we could make out on our right the two battleahips Greece bought from United States, the Iakho and Mississippi, as they lay at anchor off Ilew Faleron.

After paesing them, wa approsched Pireaus and saw a large building, the Naval Acadeny, direotiy in the suns raye.

It is now 11 ght and we are entering the harbor of Pireaus, between the porth and the eouth noles and the llavel Acedemy is on the hill on the right hand side as we onter, end side of it a building flying the Fed Cross Flag.


LANDING BOAT, S.S.ATHINAI IN BACKGROUND.


BY THIRD RAIL SYSTEM TO ATHENS.


GREEK CHURCH ON WAY TO HOTEL.

JUNE 8TH. AT PIRAEUS. TO ATHEITS BY 3RD. RAIL SYSTEM!
The navy yard is on our right, and we gav many torpedo boats and other warships at anchor in front of the oustom house, where we tied up sternmost to the dook, the bow sticking out into the harbor, en wa did at Palermo, the cargo being removed by lightera.

Te now sar some of the cargo unloadad, and from under the cosi in the forvard hatch, Remington Ammuntion was baken out.

We had breakiaat aboard, Stuart ond Fox Eoing to Athens to arrange hotels. They came back at noon and we had lunch on the boat, then going ashore leaving our baggage, (duffel bags and suit cases), Tith keys, at the Custom House so that they could be examined. Comelius and Fox stayed by tha baggage to aee that it ses not stolen.

We took a car to the eleotrio exprese, (a three rail syetom) station, where we changed and took a fast electric train to Athens, a fifteon minute trip, waking but three stope.

Arriving at Athens, wa had to go up a atsirway about twenty feet, to the street level, and then a ten minute walk to the Hotel Grande Bretagne, a very hot walk it was. We arrived at the Fotel at $3: 30 \mathrm{P} . \mathrm{M}$., and I was asaigned Room 20 , and after washing and miling letters, left my filma to be developed, hed gome io0 crean (two helpinga), eitting in chairs and, by tables on the sidewaik as is the custom here; later going to the beer garion in front of the hotel, returning to the hotel at $8: 30 \mathrm{p}$. M. for dinner.


NARROT STREETS.


GOATS AT YOUR DOOR FOR FFESH MILK


ROYAL PALACE ON CONSITUTION SQUARE.


GENDARMERY OR POLICEMEN.


THE DONKEY THE BEAST OF BUFD EN.


THE SHOE SHOP WHERE I HAD MY PUTTEES MENDED. ( $\left.\begin{array}{c}\text { Pictare is } \\ \text { Upside down }\end{array}\right)$


ATHENS TO NEW FALERON. SMALL CARS AND TRAILERS.

JUNE 8 TH. AT ATHENS. GREEK ELECTION COMING.
We met a wireless operator from a Greek Battleship who had lived in U. S., and he told us many things of interest, both local, political and national, which may help us later on in underetanding the politios of this end of the morld.

Gresce is to lave an election on Sunday, and it is thought that about fificeen days after, that Greece will enter the war.

Tonight after dinner, we went over to the beer gardens and watched the moving piotures, which started about ten $0^{\prime}$ clock, in the open air on Constitutional Square.

At last a fresh water bath after three weeks of aalt Water baths on the old ship Athinai.

At the beer gardena are about 2,000 seats. One aimply walks in and sita dom, and he may or may not buy of the venders as they bring food up to the trbies. Te had coffee and some ice cream and caike for tweive cents. The moving pictures were shom every ten minutes.

At times when the people were feeling good, they would pound on the tables (iron) with spoons and shout "hulla". Finally we left for a car ride at eleven o'olock, took a oar and paid two cente and rode three minutes to the terminus, and were given tranafers that were of no use to us.

We walked back to the cafe near the King's Palace and had some ice oream and finally went to bed at midnight.

At the hotel, we find that the oustom is to have breakfast in bed, luncheon at twolve thirty and dinner at eight - 'olock in the evening. Lots of hungry intervals and the


THE ACADEMY


THE MUSEUM'S BEAUTIFUL ENTRANCE, ITS APPROACH.

TYPICAL STREET SCENE.



NATIONAL ARCHAEOLOGICAL
MUSEUM.



THE KING'S BODY GUARD.

JUNE 8TH. IN ATHENS. WE ENJOY THE ICE CREAU. VERY HOT. people drink coffee all of the time.

The King's Bodyguard, have a peouliar uniform, tight pants with short skirts and they are a sight to behold. On the toe of their shoes they have a "fuzzywnz of a woolen ball that bobs around in $s$ most interesting manner.

Saw a fire, and such a funny little engine truck, with a tank suggesting that it held water.

The stores in the city close at noon and open at three o'clock when the air is cooler. There is practically no life in Athens from twelve to three o'olock daily.

All of the water at the hotel is bottled, 8.8 the Athens supply is very bad tasting.

I had another bath tonight, with an eight foot square bath towel and two face towela, and also a bath mat. A most luxurious proceeding sfter our Creek Ship.

JUNE פTH. VISITED THE AKERICAN EUBASSY. PICTURE TAKEN.
Up at seven thirty, had a shower bath and then went doun ataire and had breakfeet in the palin room. For breakfast we had honey, butter, bread and coffee, which they call a aimply grand meal to stert a days work.

Our table in the dining room is in the center, and has a wonderful chandelier hanging over it. This is magnificient at night, but in the day time, it bas its nghirt" on to keep off the flies, and ie not visible. Lit up at night it is wonderful.

We went to the Americun mabsesy and met the minister Mr. Droppers, a Williams College professor.

AT NEW FALERON, THE CONEY ISLAND OF GREECE.


JUNE GTH. AT U. S. RUBABSY AT ATMENS, TO NEM FALERON.
The Coneul, Mr. Tiddal at the Embessy was s10k, and three of us donated our digestive tablets from oux kite that wis. Sedgwick gave us, for him.

At the Rmbsssy, ifr. Droppers merely met us, and aiter a short talk we had our piotures takon in front of the Embassy.

We then visited the National Archeological lueeum and returned to the notel at 22:30 P. K. and had a bath and soms ice oream.

In the afternoon we went to New Faleron and vent in swimming, and found thet the satar is very aidt. The two warahipe thet U. S. sold to Gresce were in the roadstead with others vesaels. To get a swiaming suit it was neosssary to purchase four ticketa at a totaj expense of twelve centa, including room. After the swim we had ice oreain and oske and had our piotures taken.

After dimer at night we rant to the thestre, Bravo buying the tiokets at a cost of eighty cents apiece, as we thought that the "Capitene" (Captain Stevanovioh) moving pictures wers to be ehow there. Instead s Greek Drama was the show for the evening and we left after an aot, going to Constitution Square where we finally saw the aovies showing Captain Stevanovich's wedding at llew York. Aftar ano ios orsam, coffee and nute we returned to the hotel and went to bed.


TEMPLE OLYMPUS


THE AOROPOLIS


SEATING ARRANGEMENT OF ODION.
ODION OF HEFODES AYYICUS.


CLIMBING UP ODION.


ODION FROM THE INSIDE. THEATERE OF BACOHUS.

JUNE 1 OTH. TO THE ACROPOLIS, ON BOARD THE CHALKIS!
Up at $5: 15 \mathrm{~A}$. M. for we were going to the Acropolis and it is best to start before the hest of midday. Took many pictures, including the Temple of Aesclapeides and Undermood and Undermood took our pictures et the Temple or better Thestre of Bacchus and st the Temple of Victory on the Acropolis.

After the Acropolis, we went to the Stadium, which ie similar to the atediun at Harvard, but much longer and ns.rrower.

We then Fent to the restaurant and had some, "proilla glace", chocolate glaod and "high lifo glaod", after which we returned to the hotel and packed our duffle bage, Wrote letters and postals.

Our bsggage wont at three o'olock and we had an early dinner at aix o'clock leaving the hotel at 7:30 P. W. for Pireaus to board the boat for Salonica.

There was a delay in loading the boat, the Chalkis, so thet we did not leave Pireaug until midnight. In the meanwhils we seng aongs.

The Ohelkie, is about 500 tone, is $20 n g$ und slender, and was formerly a pleasure yecht. We found many women aboard, which beemed curious after the Athinai.

I went to sleep et eleven 0 'olock and wee swakered but a few moments when at midnight the boet started for Salonica.


RESTORING THE ENTRANCE OR PROPYLAEA.


RUINS ON THE ACROPOLIS TEMPLE AND SPRING OF AESCLAPEIDES.


AT TEMPLE OF VICTORY OR ATHENA NIKE.


RUINS ON THE ACROPOLIS.


JUNE 11TH. ON BOARD THE S.S.CHALKIS. AT CHALKIS!
I vole up to find the boat pitching and rocking with a high wind blowing. I just managed to get dreased and on deck before I was slok. Later etatistios showed that fourteen of the follows were sick and all felt rather mean.

Ton ate 2 unch at noon. Soon we approzohed the City of Chalkia, entering at a light house,swinging around a sandspit and going up a narrow inlet.

Arriving at Chaikis, we baw cadets drilling at their barracks. On the left was s malled araed oity of ancient times. We found thet the ghip would be held as a gvift flowing tide prevented her leaving between the piers of a bridge. Te went ashore at two o'olock and were told to report at five o'olook. On shore took pictures of a goat herd and the welled ofty. I had some goat ice crean and on getting back weas sicit agein and went to bed.

To loft at eight $0^{\prime}$ 'olock and as I sas in bed I was soon to aleap.

JUNE 12TH, PASBED IIT, OLYIPUS, THESGALONICA. AT SALONIKA!
I got up and shaved st 11:30 A. is. for the sea mas pratty rough earliex in the morning. I had two oranges for breakfast and managed to keop them down.

Soon zo entered a sea of muday, dirty rater, of a brom color, and passed ut. Olympus in Thessalonica on the right, the snow being plainly viaible and the valley foration mads the snot seea like a white orose.

Soon me arrived at Salonika, and on entering the harbor, aaw a walled city on the hille, many minarets,


THE RED CROSS GOAT.
OUR MASCOT ON THE S.S.CHALKIS
SIR THOMAS LIPTON MEETING


US AT SALONIQUE.
SIR THOMAS LIPTON MEETING US AT
SALONIKA, GREECE.

JUNE $13 T H$. ARRIVED AT SALONIKA! SIR THOUAS LIPTON. two large white towers, and the British Fed Cross Ship, the Erin.

On going into the harbor, who should come out to meet us but Sir Thomas Lipton, गith Dr. Butler, the later of the Amerioan Fed Cross.

Sir Thonas had made arrangements to land ue at the Custom Houae, which be did, with our begeage, snd within a haif hour we were having tea on boaxd the Erin with Sir Thomas Lipton. How we cheered him.

After having tea, cookies and cake, we went back to our hotel, the Grand Olympia, where I had my room with Dr. Corneliug. A. W. Duck and Gage were also in the same hotel. The others in our party wereat The Bristol and The Grand American. Wo ste our dinner tonight at the Rome Reataurant.

After a short walk in the evening I retired after Bome ice orean.

It was a night of cats, ciogs, bedbuga and bites, in a four poster bed and candle light. The lavatory a"00:

During the evening I met Nesbeth and Dr. Hodge and heard their experiences. Also mat Ward and Thompson, tro newspaper men. (Thompson was later called, "Hess aliar Thompson")

Balonioa is well paved with large flag stones. Tables and ohaira are spread all over the streets, ao that vehicles cannot pass. Thera is much excitment for tomorow is eleotion and it moens paece or war for Gresce. Everything looks like war here, with srmed patrole, twenty five men



JUNE 12TH. AT SALONIKA.
In each, both infantry and oavalry, who are going about the oity.

JUNE 23 TH. A DINTER TO AMERICAMS ON THE ERIN BY EIR THOXAS!
Aroso at mine o'clook and Comelius, Buck, Gege and I went to the Turkibh Paths for a bath, a regular bothing eetablishment. Then to breskisst, having strawberries and whipned cream and some coffee ice oxean. We then returned to the Hotel Grand OLympia and had some reat, writing lettere and pootals.

I met Dr. Strong at noon end delivered to him the onvelopeg that his secretary, Kiss Caseassa had given to we st the Werverd Kedical Sohool before Leaving U. S. At 12:45 P. M. our party wont to the Erin, where fhowpson of the New York Herald and the Ohzoago Tribune took moving plotures of our party, including some Amexican Nurseg who Waxe with Six Thomas Lipton, as \#o Fexe going on board the bost. The nurses vere returning to $\mathrm{U} . \mathrm{S}$.

He then met Sir Thomas, Dr. Hodge, Neabeth, Caldwell, Thompeon, Butler, Lr. Thompen, (U. S. Coneul at Sslonika), and $K_{r}$, Thompeon of the $N$, Y. Herald.

Sir Thome turns out to be one of the three Harvard Truetees.

Me had 2unch on the Erin, peventy five in all, st a table on the aeck, S12 Thomas ueing a megaphone for talking dom the tabls. We geve him three cheers.

Dr. Hodge then receivod a diploma and medal from the Berdian Government. Then Dr. Strong, Dr. Hodge, and the two Mr. Thompsons tossted Sir Thomas.

JUNE 13 TH . SALONIKA. I AM SENT TO MONTENEGRO!
Then we went up on the upper deck and listened to a victrola play Yankee Doodle Dandy, and sang songs, finally having tea and going over the Erin. Sir Thomas showed us the medals that he had received from the Serbian Government.

Tonight we ate at the Palace Olympos instead of the Rome. The latter is supposed to be the best in the city.

Dr. Strong left us as he is going to Athens on the Erin, which is leaving with Doctors and Nurses for the States, via Marseilles. Many submarines are reported near Italy.

After dinner at the Palace 01 ympos, Captain Stevanovich gave us a spread in front of the Hotel and gave us a parting farewell, where we cheered him for he has been advanced to Captain of the First Order.

I have received my appointment to Montenegro, where I report to Dr. Grinnel at Petsch. Captain Stevanovich has an uncle there and as I shall have an introduction to him, I shall probably be alright

JUHE 15 TH . ELECTION RESULTED IN VENZELOS VICTORY!
Up at nine o'clock and bought a canteen and various other things, having lunch at noon. Wrote letters in the afternoon and the election was announced about four o'clock. Venzelos was elected and the war party is in control.

Great rejoioing, and the streets were blocked, in several instances the troops charging the crowd to disperse them. At a riot in the evening in front of the Hotel Olympos, Col. Gayle had his wallet stolen. The troops were again called to drive away the mob.


FORT OF TSAR DUCHANNE, SKOPLJE


AT RAILFOAD BRIDGE.


JUNE 15TH. SALONIKA TO SKOPLJE. A 12 HOUR TRIP.
We set out for Skoplje at $8: 00 \mathrm{~A}$. M. I forgot my raincoat but Lyman went back to the hotel to get it, but he was too late.

We left on the eight o'clock train after having a breakfast of two eggs, coffe and bread at the Palace Royal. A lunch was put up for us consisting of three eggs, chicken, pears, bread and a bottle of water, which was all we had until we arrived at Skoplje in the evning, at eight o'clock on our train of thirty two (32) cars.

We stopped at several stations and finally crossed a river, the Vardar, arriving at the border town of Greece and Serbia, where we changed trains.

Soon we arrived at Djevdjeli, where Dr. Donnely died, of typhus fever, and I took many pictures, of the hospital and other points of interest there. In charge at the hospital, was an Austrian soldier. There were but two cases of typhus there now. Last winter there were 1100 cases of typhus fever.

Old benzine drums were used to boil water in and a large mobile sterilizer was on the hospital grounds.

We passed many towns that were empty and in ruins near the Bulgazion Border, and Serbian Soldiers mere present at all of the oulverts and bridges that we went over in the train, each bridge having earthworks and an occaeional piece of artillery.

We gradually epproached the mountaine and soon we were in the hills and near the anow capped mountains, the air getting very cool.

## IRON GATE



VARDAR RIVER VALLE

JUNE 15 TH . SALONIKA TO SKOPLJE. A STOP AT DJEVDJELI.
We passed thru many tunnels, and the next minute down sheer rocky mountain sides to the Vardar River, a very muddy, yellow stream flowing down to Salonika, Many caves were seen in the rock sides of the canyon, thru which the river ran. The train followed the river until at last we went thru a tunnel, amid high rocky walls, this particular spot being called, "The Gates of Kossovo Plain", and we saw before us a broad fertile plain.

As the train travelled along thru the fielde, the soldiers sitting on the car ateps, were continually cutting off the poppy heads that grew on the plants near the track, with their bayonets or sabres.

We finally arrived at Skoplje, meeting Dr. Jackson and Dr. Lurie, who took us to the Hotel Bristol, where we secured rooms for the nights stay. After washing up we went to the Cafd at the Theatre near the Vardar, the Cafd Theatre, and had a fine meal, and also had my first taste of so called black bread, a sort of rye bread.

After dinner, we went immediately to the Hotel Bristol which by the way had been recently fumigated and disinfected and went to bed, pretty well tired out after the days trip.

On our trip up we passed over three trestle bridges that had been blown up by Bulgarian Comitadjas, irregular soldiers,fitted out and acting more or less under government supervision. The girders destroyed were a twisted mass of iron below in the river bed.

Selected Chinn as a suitable man to accompany me on the trip and work with me. मe looks as if he would not be discouraged or kiok at the food we are apt to get.

JUNE 16TH. A DAY IN SKOPLJE TITH DR. CASTELLANI.
Got up early and had breakfast at 7:30 A. U. and went out to the Lady Paget Hospital with Chinn. I then visited the American Clinic, the Fourth peserve Hospital and many other places with Dr. Jackson in the Ford.

On the way out to the Lady Paget Hospital, we saw Austrian prisoners, tearing down the old Turkioh Gravestones using them to erect new hospital buildings. There are six largs hills dotted white "ith gravestones of deceased Turks, being the acoumulation of years.

Dinner at 12:30 P. M. In the afternoon, I visited Dr. Castellani and delivered to him the green stain that I had for Dr. Sellards at the laboratory, Dr. Sellards being away at the present on a trip to Belgrade. Met Dr. A. $M$. Strong.

I bought twelve dinars worth of chocolate and secured 1,800 doses of triple vaccine to take to Montenegro. Tonight we met Cornelius, Kendelson, Campbell, Crafte, Laughlin, Lyman, Gage, Berger, Bakeman and C. E. Buck, the men that we had left at Salonika.

To bed at 11:30 P. M. and we leave tomorrow at 5:15 A. M. for Mitrovitza, by train, the first stage of my journey to Pech Montenegro.

I also met Brink and "Pop" Standifer today, men who came over with the first unit with Dr. Strong,

The Austrian prisoners are very intelligent and some talk English very good. One is a Ph.D from Prague Univeraity.


UP BEAUTIFUL GORGES, SKOPLJE TO MITROVITZA.


KACHINEEK. NOTE SCALES FOR SELLING WOOD.

TURKS GOING TO A MOSQUE


AT MITROVITZA.

JUNE 17TH. SKOPLJE TO MITROVITZA.
We arose on time and also left Sxoplje on time, which is a strange ocourence in this country which we have already found out. Our train left at 5:15 in the morning, there being twenty eight cars in all, a regular troop train, and all being packed to full capacity. All the cers in this country are labelled, with the number of men and alao horses that they can carry. Wost of the cars as a result have to the effect that they can carry forty men or six horses.

It wes very slow travelling, and we went thru many tun ele, and up a river valley by beautiful hills. We finally reached a plateau and saw sheep grazing and fertile fields.

Me arrived at the end of the line at Mitrovitza, Chinn, Dr. Zinseer and Dr. Shattuck. Dr. Zinseer and Dr. Shattuck are going over to say good by to Dr. Grinnel as they are going home to $U$. $S$.

We went to the hotel and met the Military Governor and had dinner. At night we saw the Civil Prefecture. Lanyer …-- gave us a dinner at night and he told us of Ruseia and his brother who is in Moscow. For a waiter a blackemith served us as the regular waiter is in the war. We bought some more Nestles Chocolate.

We viaited a minaret, the tower on the Turkish Mosques, and saw them at rorship, kneeling on the carpetted floor.

Thruout the town open sewers prevall and also brooks, and a beautiful river divides the town. The streets are rough cobbled and there are public wells or fountains at intervals. To bed at 10:00 P.M., pretty tired.

MITROVITZA TO PECH.


GUARD OF TWO GENDARMES.

MITROVITZA TO PECH.


THE BRITSKA.

MITROVITZA TO PECH.


INSIDE TURK HUN AT ROODNIK

JUNE 18TH. KITROVITZA TO FOODNIK TO PECH.
I was awakened at three o'clock after a sle leas night as my bed was full of callers of the night, bedbugs, fleas etc., and to top it off the first, call to "mass" at the mosque just across the square from the tavern where we were, took piace at three o'clock, the Turkish Priest or Oja going up on the little balcony on the minarst and walking around it singing to his flock to come and pray.

We finally got up at 4:45 A. U. and had breakfast, leaving at six o'olock in two wagons, four of us in one, and the baggage in the other. So driven by two Turkieh drivers and escorted by two gendarmes, we left Kitrovitza and the bedbuge behind us.

It proved to be a very rough road, the ruts being from one to two feet deep and we walked most of the way to the Kontenegran Frontier, except when we rode the horees of the gendarmes, or were going down hill.

At noon we stopped for cafe at a small "hun" at a collection of five or six houses called Kleenar and by some Petki. After a short rest we proceeded and arrived at Roodnik, a place marked by about a dozen rude thatched dwellinge where we had dinner, just as the rain cought us.

This inn or hun consisted as usual of one room which served as a dining room and sleeping room, and had a fireplace at one end where the coifer waa cooked. A man was asleep near the fireplace on the wooden benches which served as beds, and he was covered with filth and flies altho he had a dirty handkerchief over his face.

JUNE 18TH. MITROVITZA TO ROODNIK TO PECH, MONTENEGRO.
For dinner we had eggs, coffee, bread, cheese. I dodged the bread and cheese and boiled some water for the canteens. We left about one o'olock after a rest, leaving in the rain and drove over fields as the mud was to thick and deep in the roads. As we road along we went by sentinels every few hundred feet in little earth and sod huts to protect them from the weather.

Soon we arrived at the Montenegran Border and found carriages awaiting our arrival, three carriages and a two whesled gig. One of the carriages was a chaise. We changed our baggage and gave the driver three dinars and five dinars apiece to the gendarmes. Two Montenegro Soldiers are accompanying us now. After about two kilos we stop at a mill and feed the horses and rest them at the roadside. As usual the driver stuck us and we had to pay for the food. It seeme to be the custom in this country where horses are furnished free that the guest pays for all the driver can get out of him.

We bought some tobacco. We also changed the horses we had for the two that were drawing the baggage as the white horse that we had did all the puliing and the black one was useless. After this change we got on better.

We left here after a half hour, and after a time arrived at another tavern where we had some koniak and cafd. There were some Montenegro Soldiers and their Captain stationed at this place, and they were splendid six foot men. We lost another hour here.

## MONASTERY AT PECH YONTEN

$\frac{1 T}{5}$


OUR HONE FOR A MONTH.

JUNE 2.8TH. ARRIVING AT PECH MOITTENEGRO.
From now on $m$ made better time as the road in Montenegro is better than in Serbia, as it is well paved, with ditohes two feet deep on the aide. The road is running along the top of a ridge and is very level.

We passed a military road being built in Serbia, and evidently it is to meet this road, with the reault that when completad it will be a wonderful road to travel on. There were thouaands of Turks working on the Serblan Road.

Now anow covered mountsins came into view and we began to descend, meeting cows, sheep, gost, horses, many children and women on foot and othemwise, ox wagons with hay and then on turning south the smoke of Pech could be seen at seven o'olock.

We passed many Turkish Graves, many being new ones and also many being children, as we entered Pech. Many minarete point upward from the oity and it in of quite good size.

The floor of the wagon was herd and the bumpa were many. We turned corners now on tro wheels, and finally when an eighth of a kjlo from the city the $2 \theta \mathrm{ft}$ hind rear wheel came off and Chinn and I together with "Xike" the Turk driver slid bsokmarde into the rear of the wagon in a heap.

We had met Dr. Grinnel about a $k \not 120$ before and now we took our luggege and put it in the other oarriage and we soon entered the Monastery which is just at the base of the mountains.

On going to our room we found it to be the best in

JUNE 28TH. ARRIVING AT PECH MONTENEGRO.
the Monastery, sixteen by eighteen feet in size, fronting on the Court. Two real BEDS and a TABLE made up the furmiture and after supper we made use of the beds as soon as we could.

JUNE 19TH. WE PIND PLINTLOCK PISTOLS.
Arose at seven thirty, had a shave and breakfast of egge, coffee, bread (whole grist) and we then went to see Prefect Petrovich with Regick (the interpreter), then to the Hospital there I met Dr. Grinnel, Dr. Shattuck, Dr. Zinsser, Mr. Batavich and Crose.

At the Hospital We san two typhus cases that just came in. We then went to the market place where I bought a small hat and we oalled at the bank. After this we returned to the Monastery for lunch.

It has been decided to send Chinn and meto Jacovitza (Djakovo), so in the afternoon we got our aupplies together that me may get them off early tomorrow. Jacovitza is about twenty miles south of Pech (Ipek) and about the same size, e.g. 20,000 population.

We found an old magazine in the sub-basement of the barracks, in which were stored many old blunderblusses, pistols of a hsavy bore (about fifty calibre) which were sald to have been made before the Turkish Invasion of Serbia in the 14 th. century. These pistols were old flint-looks and we were offered as many as we desired to take. There were thousands of them piled in the room as high as the rafters, covered with brass as it showed here and there thru the heavy green mold that covered everything.

JUNE 18TH. GATHERING SUPPLIES FOR JACOVITZA (DJAKOVO)
We then went to the Konastery for supper and rest. In the evening all were busy writing letters as Dr. Zinsser is going to carry letters home to U. S. when he goes as he is leaving at once.

Pain again tonight, as it has daily for the last two months according to the natives, and today there was a heavy cloudburst followed by a washout. Bridges down in many sections and one house fell into the river and streets are coverd with boulders and silt.

Retired at 10:00 P. M.
JUNE ZOTH. SUNDAY, ATAKENED BY THE MONASTERY BELLS.
Te wore awakened by the Monastery Bells and at half past five, Dr. Zinsser left for New York. Shaved, had breakfast and took pictures of the mountains.

Had a talk with Dr. Grinnel about Jacovitza and the ground to be covered there. We then had a talk with the Ketropolet who treated ue with koniak, and then we had dinner, after which we had a nap before starting up the canyon-trail at tro o'clock.

Starting at two, Drs Grinnel, Shattick, Mr. Crose, Mike, Regick and I started up the Trail which leads to Cettinje. We passed a large spring flowing over a thousand gallons of water awinute and many small ones pouring forth from solid rook.

The Trail ascended steadily, orossed the river twice, and finally we were three hundred feet above it, and the mountains were perpendicular, the walls being over six hundred feet above the river. It became very tiresome.

PECH. BRIDGE USEDAFTER


THE CLOUDBURST IN JUNE.
RESULT OF S CLOUDBURST AT PECH. (IPEK)

THE TRAIL FROM


PECH TO CETTINJE


JUNE 2OTH, UP THE CETTINJE TRAIL. THE MONKS' CAVES!
Albanians were met, tough old charaoters, many with donkeys and mules loaded with army supplies, sugar, eto. Also boys, men and women were passed who were dragging wood into town.

Caves were numerous and very interssting, as they were remains of the Monke back in the 12 th . and 13 th . centuries. Many of these still had proteoting walls, arches, and steirways and some were 300 feet above the river, out in a sheer perpendicular cliff and apparently must heve been reached by rope ladders. In some instances seversl of the caven were protected by one mall and a stairway conneoted them.

The story is that the Monks would get disgruntled and flee from the town and take up their abode in the caves, unt11 the authorites once more bade them return.

The river thepedjan Beestreetza is a beautiful atream, and the roaring of the continuous rapids and waterfalls was wonderful and deafening. In places the trail was very steep and hollowed out of solid rock and other parts had been washed away by the recent cloudburst.

Arriving back at half past $81 x$, we had supper and I then went $u p$ on the hill in the rear of the Monastery to the north and took pictures of the city. There ere many beautiful flowars up here whers the Metropolet is building a sumner home. We came across two land turtles up here far froin any signs of water.

The road and river ere far below, the river bed being very pretty with itg various colored marble floor.

To bed at nine o'clook.

JUNE 21ST. OUR SUPPLIES FEADY FOR JACOVITZA.
Aroge at quarter of geven and bade Dr. Shattuck and Mr. Cross goodbye, as they will return to U. S. before we get back to Serbia.

After breakfast I went down to the hospital immediately for the Prefect was to have fifteen ox wagons for us to Carry our supplies to Jacovitza.

The material we are taking is as follows:

Sulphus, 2,000 pounde.
Sealing paper. a boxes.
Flour. 1 bbl.
20 iron pene.
30 Dutch Ovens.
Alcohol. 5 gals.
Ladders, two.
Knapaack pumps. 1 doz.
Hair clipper.

20 whitewash brushes.
2 boxes of bichloride. Phenotosol. 1 bbl . Soap. one dozen cakes. Two bsth tubs.

Kerogene 150 gallons. Sorubbing brushes. 1 doz. Zinc Oxide Oint. Aloohol 95\%. 2 liters.

Hoapital clothing. 100 pieces. (Vade by the English Red Cross Societies.

Vaccine. 200 doser of the tetra vaccine.
Also iodine, boric ointment, bendages, naphthaleine, snd odds and ends.

At nine o'clock nothing had ahowed up in the nature of ox teans eo I took Mike, one of our interpretera, and went down to see the Prefect Petrovich and he replied that all of the carts had gone to get ammuition from Mitrovitza, but that he would have carts tomorrow at eight o'clock sure. At this we decided to get busy in Peoh and taking Mike

PECE



READY FOR THE LICE

PHTMOTAS JOHN DISINFECTIN


ONE OF THE PRIVIES.


TYPE OF PRIVY

JUNE 21ST. AT WORK IN PECH. (IPEK)
Regick, Chinn and four natives with knapsack pumps and some brooms, we sprayed all of the public mines or noosniks, With a phenotosol solution and in the afternoon started to whitewash them, but as Chinn said, the natives were worse then Jamaican niggers and work progressed slow.

We numbered them, and finally struck off work at five -'clock and visited the old Turkish Army Camp, where we saw trenches and the circles left by the tents.

On returning to the Monastery, the Metropolet took us to his gardon where he raises radishes, lattuce, onions, chesnuts, oherries, in fact averything grem there. Leaving him we had supper, talked and wrote letters and then prepared for bed as the Prefect says that the ox carts wil2 surely be there tomorrow and we want to be there in order to superintend the loading.

We saw the two Hontengrin Forte from which shells were throm over the town, driving out the Turks three years ago.

We learned today thet the Albanians are very troublesome st the present time. The Serbian Troops are fighting Albania and have driven the main Albanian Arny south, but that amall bands of Albanians are still roaming the hills and two people were killed by them today, so it is perhaps lucky that we are within the Monastery Walls, which are over sixteen feet high.

No mall aince one written Hisy 15 th , and no news of the war at all. It is rumored that the Serbians have reached Durazzo in Albania.


JUNE 218T. STILL AWAITILD THE OX CARTS. ALIVAYS "SOOTRA".
A slaughter house in the southern end of the town, was interesting, a two atory building with hundreds of skins hanging from the eaves. The skins were treated in a hole in the earth and everything just plain stunk.

Many women were geen apinning thread ae they walk along the streets oarrying loade of wood and other material. JUNE בAND. ARRIVAL OF THE OX CAPTS. "EATR HOUSE BILLY".

Arising at six, we have the same old breskfast, egge, bread ( $\pi$ ith no butter, in fact none eince Salonica) and black coffee with no milk.

Then to the hospital and mines with Mike. "Reth Fouse Billy" received a raise and now gets three dinars a day, (seventy five cents)and he is delighted, and orders "Crazy Ike" around in great shape, but he gete his work done.

The gendermes at the hospital burnt cur broom handles and as a result were thrown in prizon. Food is very scarce.

There is very little seen of the Auetrians tho were numerous in Serbia. It is said that none are taken prisoner all being shot, no quarter being chown in the fighting.

At half past ten the ox wagone showed up and we loaded thirteen of them with stores for Jaoovitze, getting them ready by noon, but the men had to eat before starting, and so not atarting until two o'olock.

I returned to the Monsatery and had dinner and paoked to be ready to leave on the following morning at 6:00 A. K. Had a nap, supper at six o'clock, at whioh Mr. Bakovich was present and we had some cherries and oake.

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PECH TO JACOVITZA.
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THE BRITSKA: BALKKAN PRAIRIE

JUNE 22ND. PREPARING TO LEAVE SOOTRA" FOR JACOVITZA.
Many of the ox carte were so small today that we were able to get only two boxes of sulphur on them, and the largeet took only six boxes ( 600 pounds). It tooz one team to take a barrel of phinotaeol.

In the evening I talked with $D r$. Grinnel and we than treated the siok women in the Honastery who received no medical onre at all.

Up at half past five, and 2 eit Pech for Jacovitza at quarter of nine over a rather rough road, as usual. Two gendarmes acoompanied us as far as Dechani where there is a Ruasian Honastery and Hospital. After leaving them we had a dinnar of some ogga at a bridge and a few slices of ham.

It threatened rain all day, but the storia swung around us. Soon after dinnex we passed the ox carts, and we saw that they had been resting as many of the oxen were loose and tho Albanian Drivere were ohasing them.

Fie arrived at Jacovitza at half past one and met City Hayor Popovich who showed us the hotel and sent us a meat pie for dinner.

After dinner we went to the hospital and attended to the unloading of the ox teams as they arrived, and many of the bull earts had broken down. We then made a rapid survey of the tom, the public mines, hospitals, "oity hall", clinic and pharmacy.

Jacovitza is said to be the largest ilontenegran City having 17,000 to 20,000 people, and is agricultural, the women cutting barley and wheat by hand. To bed at $9: 30 \mathrm{P}, \mathrm{M}$.


HEADS SHAVED.


JUNE 34TH. FUMIGATED JACOVITZA HOSPITAL. THE OWL RIOT!
Up at six $0^{\prime} c l o c k$ and had breakfast at six thirty. We started in work at the Infectious Disease Hospital at seven ofolock, and the men and women arrived for work at half past. In the moming we sealed up the south end of the hospital, a room $100^{\prime} \times 30^{\prime} \times 12^{\prime}$ and fumigated the place in the afternoon with 100 pounds of sulphur. We had to overdose there were so many holes in the building. There were eleven men and ten women working for us in the morning and aftermoon.

The straw sack mattresses were emptied from the north end of the hospital in the afternoon, the straw being burned. The only female patient in the hospital was furnished with the necessary materiale for a bath, which she needed badly and was then discharged, departing for her home near Cettinje with an outfit of olean olothing.

We sprayed the beds and stable with phinotas 011. In the afternoon, a trip to the City Mayor's Office to get supplies for tomorrow, 11 me , stram and other necesesary materials. Then to the telegraph office to dispatch a message to Dr. Grinnel.

NO MAIL SINCE LEAVING U. S.
After some coffee at the caff on the square we returned to the "Hotel De Gink" for supper at eight o'olock.

Tonight while eating, a crowd of kids began collecting and hollering, throwing bricks in our room, (south west room) and on investigating we found a young owl had flown into the room. We caught it and put it in a cage. We then resumed our meal and again an interruption, a man coming for our laundry.


JUNE 24TH. UET REV. ALEXIS ANTONY OF PALESTINE.
Yet another interruption at our meal when a soldier came in with an infeoted hand. Opened it up, washed out the pus and bade him goodbye.

The Rev. Alexis Antony of Palestine came around to our room seeking funds for charity work in that country. Then after watching the moon, we retired at 20:00 P. $M_{0}$ JUNE 25TH. CAPTURED ALBANIAN RIFLES ARRIVE:

Up at six o'clook and to work at the usual time, but only five men and seven momen arrived for work.

The south ond of the hospital was opened up and diainfected with phinotas and the north end partly papered up, preparing it for fumigation. The hospital mines or nooniks were disinfected with phinotas oil. Also the bed frames were sprayed and the stabled was dishfected again. For the third time we lit sulphur in a section of the south end of the hospital. The south end was whitewashed after spraying with phinotas oil.

In the afternoon as uaval I had my daily seance with the Mayor and asked him for brooms, straw and a convenient enclosed yard to set up a camp in. Also spoke to him about moving the soldiers out of the Main Hospital to the Infectious Disease Hospital after we had clesned it, so that we might olean up the Main Hospital. However the Dootor in charge of the Main Hospital said that it would be impossible.

After work we had coffee at the Turkish Joint.
Three bull wagon loads of captured Albanian rifles arrived at the magazine at the Hospital. To bed at 8:00 P. M.


HOSPITAL, JACOVITZA.

TYPHUS HOSPITAL BEFORE


FUMIGAt WHI TEWASHING DISINFECT ING

JACOVITZA.


DISINFECTION.

JUNE 26TH. DIFFICULTY IN OBTAINING FOOD.
At work at the usual time, that ie seven o'olock. Breakfast is getting monotonous, bread, egge and coffee being the routine here.

In the morning the men complted the white washing of the south end in the afternoon washed the floor. The women continued papering the north end of the hospital and after an all day job on the second floor they had not finished.

We bought cuoumbers again today and persuaded the hotel keepers wife to get some potatoes for us and we then had our first potatoes since leaving Pech. We have been buying daily, chocolate, getting aix small pieces for one papera and today the city was bought out of chocolate.

Mailed some letters today. Tonight we sat on the hay pile in front of the hotel "De Gink" and saw the full moon rise and watched the lightning play among the mountaine. These thunderstorms go around us each night, the lightning being very pretty as it plays about the skies and the thunder rolls around the mountains.

Monday is the SERBISH HOLIDAY, the 528TH Anniversary of the Turkish Viotory over the Serbs in 1387 when the Turks secured control of this country. It is kept to remind all that the country was once Serbian.

Mike, the interpreter, out his hand today, and I had him under treatment. Also a Serbian Soldier with a parotitis resulting from Typhus Fever arrived and was out in the ward.

The three of us, Chinn, Mike and myself, patronised a barber this afternoon and had our heads shaved on top and olipped olose around the head. To bed at 9:25 P. M.

JUIE 27TH. SUIDAY. A TRIP TO THE FORTIFICATIONS OF JACOVITZA.
We slept until eight o'olook this moraing, and then had a bath and breakfast. Dr. Zinsser had given me his small portable bath tub before he left Pech. After breakfast I wrote letters and had a nap.

In the afternoon we went up on the hills in back of the town to the west, looking over the old forte, trenches and other proteotion to the town. A minaret here showed evidence of shell fire as it had half of its tower shot off in the Balkan War of 2913. Then back to the hotel getting Chinn and then making a trip to the spring and the cafd for coffee, our only luxury. No chocolate in town and we are famished.

Tonight after supper we sat outside and watched the moon rise again, as it came over the mountains.

NEWS FROM THE FRONT. Tonight a Serbian Commander arrived and told of his experiences fighting the Aldanians. He says that the Albanians are willing to surrender to Serbia but not to Montenegro; that the Albanians sent a Cormittee from Skutari, offering to surrender to Serbia, but that they will fight to the last bofore surrandering to Montenegro.

He had a borb sling over his shoulder. These bombs or hand grenades are ignited by striking on a plug in the head of the grenade, protected until ready to use, by a brase eap which screws on. Striking the plug starts the fuse that causes the grenade to explodes in 10 seconds. The soldier counts one, two, three, etc., and then throws it.

Attempted to have the cherries, eugar and other food covered with mosquito netting today. To bed at 9:00 P. $\mathbb{M}$.


JUNE 28TH. KAIL ARRIVES FROM U.S. SKUTARI CAPTURED!
Up and continued pasting the north end of the hosps tal which is full of holes.

Dr. Voochinovioh still objects to fumigating and cleaning up the General Hospital and he will not allow the patiente to be moved from the building. I spoke to the City Mayor about it and he is going to try and get permisaion to carry out the cleaning up of the hospital from some one higher up. Aside from the typhus fever cases there are fifteen that evidently are surgical and as such are dangerous to move.

In the afternoon the pasting up of the north end of the hospital was completed and at $4: 30$ the sulphur was started and the place shut up.

Had coffee at the usual place on the square and then to the Hotel for supper. At seven o'olock a thunderstorm descended and we are hoping that our paper windowe at the hospital hold so that we will not have to paste up and refumigate tomorrow. The south end of the hospital we finished today, spraying the floor with kerosene.

News came that the Montenegran and Serbian Forces have ocoupied Skutari and that church services were held in the ohurches of Jacovitza for the success of the Montenegran Army.

The City Mayor has received orders to forward supplies tomorrow to the Army in Skutari, a two days travel by pack horse and three by ox wagon, as the road does not extend to the oity part of the way being trail only.

[^0]JUIE 29TH. SOREENING OF FOOD ENFORCED! CAPTURED RIFLES ARRIVE!
Up and to work at geven o'olock. Fired "Jingle Bells" and got "Water Boy John" in his place and things are working smoother, as the latter is a better man. The rain of last evening has left the streets a foot deep in water and mud.

The storm had not spoiled the paper windowe and the fumigation was $0 . K$. the building being tight. The windows were washed in the south ond. The paper was stripped off the north end of the hospital and everything washed down with our disinfectant, phinotas oil and the noosnik again disinfected. In the afternoon the washing of the floors and windows of the north end was started.

An attempt was made to start in an eduoational program in the oity among the civilian population, requiring all of the stores to protect their food with mosquito netting, that is cherries, sour cheese, and other raw food that is for sale st the stores.

Started white washing the north end of the hospital and also after many requests dally the large manure pile Just in the rear of the hospital was carted awry today.

Great News, the Chief Cendarmo is enforcing the soreening of Food.

There were 1,200 rifles, a. Turkish machine gun and 300 old pistola brought in today that were captured from the Albanians.

Breakfest is still, eggs, coffee and bread.
Supper and dinner are still, lamb stew, roast lamb, lamb kidneys and liver, bread, tea and water.


ORCHARD AT THE MONASTERY

JUNE 3OTH. THE CROWN PRINCE'S BIRTHDAY. "SHELLBAOKS "ARRIVE TONIGHT:
For the first night aince arriving and disinfecting our room I have trouble with the familar brown shell back that abound in this oountry.

I have now started taking a kerosene bath daily at night before going to bed and for the first time since getting into these Balkan Countriss I am not bothered with fleas. Heretofore they have made life miserable with their biting and jumping, Sleep fine.

Completed washing the windows and floor of the north end atarted oleaning out the stables. Finished whitewashing the north end also. There is much trouble over the paying of the workers, they coming to us each night and demanding their pay, olsiming that they are not paid and when they are paid that they receive but one papers instead of two. (A paper is the equivalent of twenty cente)

Our hotel bill was rendered today and at night the City Mayor had not paid the bill and as the landlord had no money to buy food, I advanced fifty papera to him.

The birthday of the Crown Prince was celebrated today, every house displaying the flag of Montenegro, be it ever so small or the occupante so poor.
JULY 1ST. HARVESTING OF THE WHEAT CROP. CHINN GETS THREE LETTERS!
Up at five thirty and to the hospital at seven o'olock. The people are atill harvesting the wheat orop and use no rakes gathering all of the stray epears by hand.

Whitewashed the lower floor of the north end of the hospital and kerosened the floors upstairs. Limed all of closets and mines at the hospital. Dipped the beds in phinotas. Sprayed the stables with phinotas.

JULY 1ST. JACOVITZA MONTENEGRO.
Replaced all of the windows in the hospital that had been removed while they were being washed. A hot morning but very cool in the afternoon.

Chinn received three letters today.
I visited the barracks in the south end of the oity today and found them in very poor condition especially the mines. The kitchen had been burned out and was ueeless as such.

JULY 2ND. COMPLETED THE HOSPITAL. SUPPER AT THE CAFE.
Up at eix orclock and at the hospital at seven oiclock. We Iinished up the odd jobs necessary to put the hospital in good shape, that is, washing the iloor downatairs in the north end, putting in the windows, kerosening the 1100 rs , put in beds and tables, whitewashed and phinotased iive public mines and the hotel closets, oleaned up the hospital yard, filled with fresh straw the straw ascka for the hogpital beds. This completed the horpital.

At night we had supper in the cafd down tom and had our first good meal since leaving Peoh, costing twelve papara, but it was worth it.

In the evening to bed after writing several letters home and to various people that I owed letters to.

This oity is composed of about seventy per cent Turks and nearly all of the rest Albanisns and Gypsies with very few real Montenegrans or Serbians aside from the troops that are quartered here in chrage of the city and its defences.

JULY 3RD. PLANIING TO LEAVE JACOVITZA. DR.GRINNEL ARRIVES. We arose at six $0^{\prime}$ olock and find that the landiord is in an ugly mood because we did not come to supper last night, and as a result served us last nights supper for breakfast instead of egge. He said that he had no egga, so we left and had breakfast at the cald where we had supper last night.

Went to the City Hayor at ten orolock and told him that we were thru at the hospital and inquired if there was anything that we could do for him, He replied, "There is nothing ".

We started up the main street and met Dr. Grinnel and Monsieur Bakovich coming in a carriage from Pech and we went to the hotel and then to the cafe for a lunch. At 3:30 P. M. we then went to the City Mayor, in a delegation of five, Dr. Grinnel, Ohinn, Bakovich, Mike and myself and the City Mayor told Dr. Grinnel that "there was nothing that we could do". We also met Dr. Voochinovich and he also replied that, "there was nothing we could do; that the General Hospital did not need oleaning". He was then informed that the Amerioan Red Cross would not be responsible for any epidemic at the hospital as a result of his refusal.

We then returned to the hotel, and had supper at the eafd, returning to the hotel and to bed at nine thirty.

JULY 4TH. NE CELEBRATE! JACOVITZA TO PECH.
We celebrated today by burning a oan of alcohol and retuming to Pech and oivilizstion, that is, more civilized than Jecovitza. We returned with Dr. Grinnel and Bakovich. Just as we were starting a wheel broke on the gig which caused a delay and we did not get away until 8:30 A. M. We arrived in Pech about 1:30 P. M. where we found C. E. Buck. De Le Penk had gone to Skoplje, heving a hernia and Buck had returned in his piace.

We had an interesting time with Buck recounting experiences, as Buck hadbeen with the large camp and the other fellowe and brought us considerable Information concerning the Unit and the war. Lunch at two o'olock. In the afternoon we showed Buck the Gorge, caves and then supper. At night we had the same room in the Monaatery as on our first visit and after writing letters, reifred at ten oiclook, in the old ohember with Dr. Grinnel.

We had left Chinn and Mike at Jacovitza, where they are to remain until we cen send them bullwagons, ao that they can bring back the oupplies that wo did not use. The two beth tubs and clothes are to be left in the hospital. JULY 5 TH, PREPARING THE TYPHUS HOSPITAL IN PECH.

Up eariy in the morning end with Dr. Grinnel, went In town and prepared to disinfeot the typhus hospital, Wash it and whitewash it thoroughly. On finishing, we kerogened the floors and finished at half past five. we had thirteen women and eleven men working for ue.

To bed at ten ololock in the chamber With Dr. Grinnel.

JULY GTH. DR. GRINNEL LEAVES IIE IN CHARGE OF THE MONTENEGRO UNIT. This morning we arose early as Dr. Grinnel was Leaving for Skoplje, via Prizren. As uaual a delay and the horae did not come until half past seven, when he left.

I was left in charge of the unti with Buck, Chinn, Mike and Regick. We started in washing the barracks school house and atarted to paste up Mosque fi, by the school house.

The English Allies Relief landed here last night, or rather it is called"The Wounded Allies Relief? There are ten women and two men in the party. Four of the women had been injured by the overturning of a carriage and three were rather badly injured. They stayed at the "Europa Hotel" where I had "chi" with them, and later Buck, Regick and Mike joined ue.

I rigged up my hemook today in the tent, but tonight the Metropolet brought out his travelling cot for we to use instead. I expect Chinn tomorrow as we cannot obtain any bullwagons he is coming bsok, leaving the suppliss. JULY TTH. GENDARMES HOLD UP DR. GRINIGL IN JACOVITZA FOR CHINN! Up at aix oiclook then to tom pasting up Mosque \#1, and then fumigated it. Phinotased, washed and whitewashed the school house. I am planning to open the typhus hospital but did not bother the Prefect abput it today as he is not very onthuaiastis about it.

After dinner, we pasted up part of Hosque \#8 and \#6. Chinn and Wike came in from Dechani and Jacovitza. They stopped at Dechani where there is looated a Fussian Church and Hospital, the Church being very old and beautiful.

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JULY 7TH. ARRIVAL OF GENERAL POPOVICH.
There was quite a little excitement in Chinnlo leaving of Jacovitza. He could not obtain a horse to leave and the Prefect mould not do anything for him. The result was he went to the Captain of the Gendarmes and persuaded him to get a horse; if there was none in the city, why to arrest the first traveller coming in and turn the horse over to him,

The result was that whon Dr. Grinnel and Mr. Bakovioh came from Pech and were going to pass thru the oity to Prizren, the gendarmes arrested Dr. Grinnel and Bakovich and sent word for Chinn to come down and get the horie. So Chinn and Mike went down, but thought that they would take a look at the people whose horse they were teking, and so found Dr. Grinnel and Bakovick in the jail. Needlese to say the horse was not used by Chinn. In the afternoon the Prefect sent around a horse for Chinn.

At night, the Serbian General, comanding the Montenegran Army and General Popovich, the fiussian Attachd, from Cettinje, arrived with his two daughters and wife, stopping in the room that I had occupied.

I am now sleeping in my tent, using the Ketropolet's travelling cot. Tonight I had quite a talk with C. B. Chinn mainly over the food and conditions here in comparison with Skoplja.


COOKIE AFTER THE


TRANSFORMATION.


JULY 25TH.

JULY 7TH. IN CAMP IN THE MONASTERY PLUM ORCHARD.
It was certainly a treat to see two white girls and some white people as the Rusaians were. We could carry on a poor conversation with our Serbian as it is more or less similar to Russian.

There was but one draw back to our camp as it was, pitched in the plum orchard. As nearly every night is windy, the wind coming sweeping down the chasm of the river Pedjan Beestreetza shakes the trees and the green plums beat a steady tattoo as they fall on our tenta. The disagreable part is that it is a good plum year and the tress are loaded with them. We pitched here as we wanted shade in the daytime as it is very hot, the temperature being always over $1100^{\circ}$ in the noonday sun.
JULY 8TH. FUMIGATING MOSQUES!
Up early as usuel and to work.
Todey we seemed to celebrate "Mosque Dey". We washed up Mosque \#1, pasted and fumigated Mosque \#2, sprayed Mosque $\# 3$ with kerosene, and started pasting up Mosques \#4, \#5, and \#6.

I again inquired of the Prefect concerning the typhus permit for the hospital.

Tonight we bought some oake for the table as the diet is getting monotonous. Sent a telegram to Dr. Grinnel. To bed at eight $0^{\prime}$ clook with a headaohe.


MOSQUES INT PECH.

JULY 9TH. FUMIGATING TURKISH MOSQUES:
Up e rly and pasted up Mosques \#5 and \#6. Washed Mosque \# 2 and in the afternoon fumigated \#5 and \#6. Pasted and fumigated school house \#2.

Chinn put up his tent in the afternoon in the orchard. JULY IOTH. MIDNIGHT EXCITEMENT. RUMOR ALBANIANS CAPTURE JACOVITZA:

Up early as usual tho Buck and Chinn were a little late arising, so that we did not start into town until late.

News came last night that the Albanian Rebels had occupied Jacovitza and practicaliz all of the troops in the city left here in a hurry at midnight to quell the trouble. The report was that the Albanians had secured guns in the rear of the typhus hospital in Jscovitza and the city was in their hands.

There are practically no soldiers left in town, and the shopkeepers, city officials, mayor, and others to be relied on are guarding the city. Many wounded came in during the day as the fighting was just outside of Jacovitza.

Today we finished the sohoolhouse $\# 2$ and two mosques. Cleaned up the storehouse and disinfected the stable at the barracks.

At night there were 76 bull wagons of supplies arriving from Mitrovitza for the English Unit, "The Wounded Allies Relief". We had them unloaded in our storehouse or magazine, as we called it at the Military Hospital. There wer loads of Nestles Condensed Milk, which was a very welcome addition to our diet as we could not obtain milk at all.








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JULY 10TH. REGULATION ARE ALL IN HOUSES AT 8:00 P.M.
Today the English Unit departed for Cettinje via Podgoritza. They left on seventeen horses, leaving the three injured women here at the hotel, with an orderiy. It looks in a way as if the English Unit would return soon and go to Alexandria to treat their own wounded, as the rumors are that Montenegro is about to turn around and fight for the Central Powers.

We received a barrel of phinotas and a can of aloohol, the latter being punctured with a nail and the contente missing, probably intentionally.

After storing the supplies, we got some aake and mulberries at the cake shop and went to camp, arriving at nine o'clock.

Tonight a new rule is in effect, that all people must be in their houses at eight o'olock, only the night patrol being on the atreets, and we were stopped many times by the guards.

Torwarded a telegram to Dr. Grinnel that we were finishing up the work in Peoh.

The Chief of the Montenegran Army who was here was General Jankovich and the Prefect here in Pech, who is a cousin of King Nicholas is Prefect Svetkovich. The latter is an old man nearly eighty yaars old and is an old time warrior. What he can get by forse he gets. And he is loth to give anything that he onoe secures a hold of, as we found out when we tried to get a horse for travelling.

JULY 11 TH. SUNDAY. TO RIDE WITH THE METROPOLET! SULPHUR ARRIVES: Arose at eight $0^{\prime}$ clock and after breakfast wrote letters. Chinn prepared the dinner, of egg salad, chooolate sauce and pound cake.

In the afternoon I went to ride with the Metropolet along the road to Mitrovitza and enjoyed the trip very much. We had a resl oivilized fiacre.

On getting back to camp, I found that during my absence a convoy had arrived bringing three tons of sulphur which we stored in the magazine. I then went back to the Monsstery and found that Buck had gone fishing, but he came back empty handed, but had quite a scare when a large boulder came down the mountains, and shot thru the air just over his head and landing in the pool of water that he had been fishing in, soaking him to the skin. He said he thought the Albenians were after him and that he did not stop running for several hundred yards. (At college he was a track man).

The river here as very coldrater as it is fed by the melting anows in the mountains. The city has no ice, but the snow is packed together in a small cake about two feet squere and is brought into the oity on donkeys, each animal bringing two oakes, one on each side. The cake on arriving has melted much and a piece of packed snow a cubic foot in gize sells for four cente.

The water is so cold that we do not go swimming in It as we are afraid of the cramps. It is very clear here, but later in the valley it becomes muddy and very turbid and polluted.

UNIVERSITY OF DELAWARE

SHOWING THE OPEN


SEWERS.

JULY IZTH. ST.PETER'S DAY! WENT TO CHURCH IN THE MONASTERY. Up at six o'clock and in town early only to find that the Mosque that we were to fumigate today was atill full of army supplies. So we fumigated Mosque \#4, washed and disinfected it and moved two patients to the typhus hospo ital. We found one patient in Mosque \#4 suffering evidentIy from chronic malaria where she had walked to from the Europa Hotel when she became sick.

In the afternoon we sent supplies to the Monastery, as we are going to clean up the rooms where the soldiers were quartered last winter, which are in a iflthy oondition. One hundred bull wagons brought more supplies for the English Unit. Mr. Izzard, the English Orderly left behind With the women is a very busy man.

I went to church in the Monastery today and it is a vary impressive service, candles being sold in the entrance to the people as they arrive, as is common thruout the southern Eurcpean Countries, and the beautiful candelabras inside are all burning with candles or orude oil lamps. Some of the candelabras had $g i x$, eighteen and twenty candles burning. The service was a chanting service, the ainging being led by the Metropolet and other priests.

Everyone stood as there are no seats and as a result it is tiresome. The Priests as they sing and walk around swing brasiers that are burning incense, old brass ones they are and it takes one back to the time when the ohurch was built. The Church was built in the 12 th. century. There are many paintings on the outside and inside walls of kings, queens, archers on horses and other medieval characters.

JULY $22 T H . S T . P E T E R ' S$ DAY.
The church ornaments also were very old and many were of gold and jewelled altho they were covered with duet. It was very dark ingide as there are but few windows in the casementa of any of the old stone churches and castles in this part of the world.

People enter and leave as they wish or as thetr work permits. We bought small candles as that would permit us to leave when they burnt up.
JULY 13TH. THE FAST OF THE TURKS STARTS.
Up as usual and started work fumigating the Monastery, as wo are trying to rush thru this work. Made out alist of hospital supplies thet I want for the hospital. Looked up some typhus ceses that are to be moved to the hospital. Twelve boxes of supphur came that are to be forwarded to Jacovitza.

Today the thirty day, eixteen hours a day, Fast atarted that the Turks hold. Many of our men are sick as it is impossible to work on an empty stomach, altho they bravely tried to do it. During the time from dawn to sunset, the Turkish people cannot est, drink or smoke. The women that Were working for us did not seem to mind the Fast as much as the men.
JULY 14 TH . FINISHED FUMIGATING THE MONASTERY!
Up as usual and finished fumigating the rooms at the Monastery. There were eight rooms and the noosnik.

Moved a typhus patient from 4 Zetska Street into the typhus hospital. Geve him the vaual bath, elean clothes and other material. Unlese I get my supplies soon I shall

JULY 14TH. MIKOVICH GETS HIS PAY!!
turn the hospital over to the city as it can not be run without the necessary medical supplies.

One of our interpreters today received part of his pay from the Government. He received 245 papera, whioh is the equivalent of forty nine dollars.
JULY 15TH. MIKOVICH LEAVES US. DR. YOUNG OF CLEVELAND ARRIVES.
In town early atarting on the hotel and the public noozniks, which need oleaning badly.

Mrs. Beaton of the Wounded Allies Relief unit, is back from Cettinje. Dr. Young of Cleveland came with her as far as Podgoritsa, whereshe left him and came over that two foot trail at night. Dr. Young arrived at half past eleven in the morning and left at quarter past twelve, as he was very anxious to get back to $U$. S.

The Wounded Allies Relief Unit is expected to arrive at Mitrovitza tonight and sot here tomorrow, and Mrs. Beaton is attempting to head them off here so that they will not go on to Cettinje where they are not needed.

We fumigated four house today on Patriarcha, Sadara and Zetska Streets. I got into my first harem and at this "Wild Turke Palace" I thought that we would be mobbed and that my last days had come. Finally everything was explained when the gendarmen came, and we sealed upthe house, harem and all and fumigated it. Had a new nooznik built over the brrok, in place of the one we condemned.

All of the hospital kettles were sent to Skutari todey for the army, There were twenty of them, two on each donkey.

JULY $16 T H$. WE RECEIVE ORANGE MARMALADE!! I TACKLE THE FLEAS. Up at six o'clock and in town at seven o'clook fumigating the houses and managed to clean up 114 Sadara Yanka, 14 Turk's Palace, and 4 Zetska Street. The hotel was aso disinfected with phinotas. Brought the supply of oans back from the Monastery.

Mr. Izzard of the Wounded Allies Relief gave us another can of orange marmalade!

Today we heard that there was mail for us, but in spite of our assertions that it was there at the Postoffice, We were unable to get it as it had not yet been released by the Prefect's office where it is censored.

It is a very hot and depressing day, no air stirring and seems to be the woret day that we have had here up to the present time. The ilies are getting to be a real menace as they are very numorous and no ateps are taken againat them.

The fleas which have been a nuisance in my tent are on the decrease since I atarted phinotaning my tent morning and night, roof and floor. The result is I am getting a full nights sleep now.

Took a bath tonight and to bed early as tomorrow the Metropolet and $I$ are going to set out at ifve o'olook for the Hot Springe, or sulphur springs; these are natural springe about a two hour ride, the water bubbling forth in deep gravel pits the different pools having water of a different temperature, to suit the individual who arrives.

JULY 17TH, ANOTHER BATTERY OFF FOR ALBANIA!
Awoke after a bad night. I had pain in the $2 u m b a r$ region until after midnight and awoke this morning with a sore back. As a result I did not feel well enough to get up and go with the Matropolet as I had planned and ate but little breakfast.

Temperature $98.8^{\circ}$. Pulse 60. Took ten grains of aspirin and a sufficient amount of castor oil to help thinge in general. Felt worse at noon and had a little soup.

Last night $I$ ate some cukes that had remained in a tin dish for eighteen hours, and had a bath immediately after supper, both of which mey have been a contributory cause of my troubles.

Tonight a battery of eight guns, of the three inch or seventy five centimeter variety arrived on their may to Albania. Each was drawn by six bulls and accompanied by an enormous supply of ammunition.

Rumora came today that Wilson may resign as Preaident of the U. S.
JULY $18 T H$. SUNDAY. CHINN GETS THREE LETTERS!
Up and about feeling a little better today, but atill weak in the lumbar region and the paine worry me a great deal.

Chinn and Buck were going to Dechani todey to see the Rusaian Church and Hoapital, but were unable to obtein the horses.

Chinn received three letters from Salonika today.
We found it impossible to remove a Turkish woman siok

JULY 19TH. NO TELEGRAM FROM DR. GRINNELL. MONTENEGRO MAKES REACE?
I feel much better today, but still no telegram from Dr. Grinnell in answer to mine of last Friday, asking for orders.

A cold and rainy day and we froze. No letters today altho we expected some as Chinn received his yesterday from Salonika and ours, via Nish, should arrive soon afterward.

Some talk about that Montenegro is making a separate peace with the Central Powers and turning about and fighting with Austria against Serbia. The English here, the "Wounded Allies Relief" Unit, are stopping their supplies at this oity, and are going to Alexandria Egypt, if they can get permission and treat their own wounded there. A pretty mess it would make if the above should happen now. To bed at 9:30 P. M.
JULY 2OTH. ANOTHER TELEGRAK TO DR. GRINNELL. DUCHANNE BREAKS FLB.
Up early and felt fine this morning, only a little pain about my kidneys. Went into town for the firat time aince last Friday.

No mail or telegrams have arrived. I sent another telegram to Dr, Grinnell telling him that we had finished and asking him for instructions, and to please answer.

Two of the English nurses, Miss Weaver and Miss Allen came out and had tea with us, played whist and stayed to supper. Had a ripping time. They departed about 8:30 P. U.

While at supper a Priest came in and told us that Duchanne, the Bishop's man had been kicked by a horse and "was going to die". Went around and sam him, gasping for breath, gave him some warm blankets, and some atropins and

JULY ROTH, FURNISHED WITH A GUARD ON GOING INTO TOWIT TONIGHT: he apparently appeared alright and aoon beoame much better and quited down. He was not in much pain and no morphia needed.

The Motropolet furnished us with a guard on going back with the girle tonight, Chinn, Buck and the guard going while I stayed with the sick man. At the laet osil I made at 10:30 P. M. he was apparentiy getting much better, al tho he had not yet recovered consciousness. He was breathing regular, eighteen, and pulse sixty eight, so deemed it best to do nothing exoept furnish him with warm blankets and bid him goodnight.
JULY 21ST. MORE ENGLISH ARPTVE, WE HAVE NEW HONEY!
Up at eaven o'olock and Iind that Duchanne has one broken rib and feels fairly well. Strapped up his rib and he is slready walking around.

The young Priest brought us in some fine new honey this noontime.

Dr. Petrovich the Russian Doctor is in the oity and is a fine chap and I like him very much.

More English have arrived in town at the Europa Hotel. Dr. Slater, two nurses and Dr. Rutherford's Orderly came out to the Monastery

Tonight the Metropolet gave us aome more honey and had supper with us.

A Telagram from Dr. Jackon oame telling us that
Dr. Strong deaired us to remain in Montenegro.
A beth and to bed at nine ololock.

JULY 22ND. TELEGRAM, "GO TO MITROVITZA FOR SUPPLIES".
Up early and soon a telegram arrived from Dr. Jackson reading, "Go to Mitrovitza for supplies". Chinn did not Wish to go, Bo I decided that tomorrow I would start myself. The supplies that I wanted were canned food, preserves, in fact anything so thet we would not have to eat stewed goat continually for meat. In view of the fact that Chinn was the chief man to raiae the ory for food, I was rather surprised that he refused to go after it.

Spoke to the Prefeot, (mayor), concerning the oity sewers and the neceasary repaiss that should be carried out on them, but could not get any mon for repairing them as the Turkish Fast was on.

JULY 23RD. PECH TO MTTROVITZA. FIFTEEN HOURS BY HORSE:
Beft Pech at $g i x$ o'olock on a pony for Mitrovitza with a soldier for a guard. We stopped at every"hun" along the way for coffee, including the one by the river Where we had lunch near the bridge, egge, bread and coffee.

My horse was small, but good, but the gaddle was poor and kept breaking here and there. We took many short outs down gullies, gulches, ravines and across lots.

We innally arrived by moonlight in Mitrovitaa at nine thirty in the evning and I put up at the Hotel Bristol, Went to bed and found but one bug.

Here at this hotel I found that the son of the proprietor had been in U. 8, and could talk English, and as a reault it wae very aasy to obtain the desired things that I wanted and also manted to know.

JULY ล4TH. MITROVITZA TO SKOPLJE.
I left Kitrovitza at 12:30 taking a carriage to the railroad station and then took the one o'olook train, and after a quick five hour trip reached Skoplje at six thirty, but found no one at the station, whioh was unusual so some one is usually there to see who comes on the two or three trains thet arrive deily.

I went to the Americen House and there found $)$ (r. Cxafts who wae juet in from Prietina and Dr. Mitohell just in from Kumanova, Later saw Dr. Castellani, Jaokson, Strong, Brink, De La Pena, Bravo and Taylor. Kr. Taylor hae been aick and looks a little under the weather.

I had one BIG FEED at the restaurant by the river.
After supper, we went to the station to see Dr. Strong, who was expected on the train from Velice. Dr. Hopkins, Castellani and Jackson also went along with me. The train Was late and we vaited $\operatorname{cnd}$ waited, the train finally arriving at 21:30 P. M. but Dr. Strong was asleep in his oar, and as he had given orders not to be awakened, we did not see him, going baok to the American House and to bed.

Mr. Kean, Dr. Strong, a ecretary arrived on Dr. Strong's trein and he told us many interesting things about hie reoent journeyinge.
JULY 25TH. I UEET DR. YOUNG AOATN. I FINALLY UEET DR. STRONG.
Up and down town and had some ice oream meeting $D r$, Young of Oleveland, whomI hed met in Peoh when he was coming from Cettinje to Mitrovitas. We vent up to the Large Turk Mosque and the old Serbian Church, where the carved ornaments are that depict Bible Scenes.

JULY 25TH. TO THE OLD SERB CHURCH WITH THE WOOD CARVINGS.
At night we heard thet Dr. Strong Tas again expeoted so went dow and met him as the train came in from Nish. Had quite a talk with him concerning my unit in Montenegro.

Later I went to the theatre with Kean and then to bed. JULY 26TH. GAGE GOES BACK TO MITROVITZA WITH ME.

Today I bought supplies to take back with me on my trip to Pech. The supplies consisted ohiefly of canned iruits, fish and milk chocolate.

I am to take back E, H. Gage to Pech with me as we hope to put in a water supply and Gage is one of our engineers. I am to leave Gage at Peoh, returning via Prizren and Ferizovich With Chinn making a gurvey of Priren to seeff there is any work that oan be done at that place.

I got a sulphus box and reinforced it so that it would stand hard knooks and then put our conned meats, fruits and thinge in it to take on the trip.
JULY 27TH. SKOPLJE TO MITROVITZA. MEET DR. LEUVENS A BELGIAN!
We left Skoplje at 5;25 A. M. With three of us in the party, Stewart, Gage and myself. Stewart 2 eft us at Prishtina, where we have a camp, about ilfteen of the fellows being there oleaning up barracks, prison camps, building latrines, series of sawers and other sanitary measures.

Gage and I met Dr. Leuvens, a Belgian, now a Serb Surgeon in the Army, who is going to Podgoritza with the Wounded Allieg Relief Unit, as the surgeon who was mith the Unit was taken sick at galonika. He aocompanied us to Pech eventually.

JULY 27TH. MITROVITZA TO PECH.
We arrived in Mitrovitza at $11: 15 \mathrm{~A}$. M., and met the Montenegran Consul, who took us to the Hotel Bristol, where we remained overnight.
JULY 28TH. MITROVITZA TO PECH. A QUICK TRIP WITH GOOD HORSES! Up early in the morning and left with three britzakas for Pech, Dr. Leuvens, Gage, the interpreter, two Turkish drivers and myself with the haggage.

The road was good and dry, better than on June sixteenth and we made excellent time. Also the horses were better and we arrived in Pech at half past six.

Mr. Izzard was at supper and we opened up the supplies that I brought and had a feast.

To bad at half past nine after a bath. JULY 29TH. INTRODUCED GAGE AROUND TONN. I PREPARE TO LEAVE.

In the morning Gage accompanied me about town, and I introduced him to the Prefeot, the Mayor, and the Engineer. I bade goodbye to sll as tomorrow I leave for Prizren, via Jacovitza.

I seoured some old Turkish Guns at the underground storeroom in the barracks that we had previously found. Managed today to buy some matohes, which are very scarce.

At night I packed and made arrangementa for leaving tomorrow, with Chinn, going thru Jacovitza, (Djakovo) to Prizren and then to Ferizovich and there awaiting orders from Dr. Jackson.

STILL ENROUTE?


TO PRIZREN.

JULY 30\%M. PECH TO JACOVITZA TO PRIZREN.
This morning as is cuetomery when setting out for a trip re got up early, for it is best to get an early atart as one never knows the number of delays and breakdowns that mey occur during a trip of a few hours in this country. Chinn and I left at 6:30 A. \%. for Jacovitze and Arrived there at $11: 45 \mathrm{~A}$. M. Here we met obstacles as there Was no carriage in the oity by wioh we could continue our trip to Prizren.

Aster paying the Mayor four visits and sending gendarmee all over the city we got away st $3: 45 \mathrm{P}$. M. as Chinn managed to find a britzaka and I found our two wheeled gig that we used previously on one of our tripe while we were atationed in Jacovitza.

So we left, Chinn, the driver and I in the gig, and the baggage with a driver in the britazka. It was a now trip for us and was boautiful, espeoially when we paased over two old bridges, one of which was built over a monderful, dosp gorge and eanyon. The bxidges were of the high arching type, so common in this country of hand labor and no maohingry.

At the latter bridge wa ware atopped by the Serb Sentries as it wis the boundary between Montenegro and Serbia, but when they learned that we were Americane "e mat with no opposition.

It was dark when wa got to Prizren at eight $0^{\prime}$ olock, but we finally found a hotel and put up at the Central House, where we found a Serb Blacksmith who had been in Chicago and we used him as an interpreter.


SERB TRUCK LOADED.

## PRIZREN TO FERIZOVICH



APMY TRUCK OVERTURNED.

JULY 30TH. WE ARRIVE IN PRIZREN.
We finelly obtefned a room and after a look at the beds we used our cots and hed a good nights sleep. Just before retiring I met the Commandant and Dr. Pasch a Canadian doctor and made arrangements to leave for Ferizovich on the Army Auto Truck which Leaves in the morning about four $0^{\prime}$ olock.

After a supper of two egge we went to bed a half pest nine.
JULY 31sT. PRIZREN TO FRRIZOVICH IN A KISSEL KAR TRUCX:
We left the Hotel Prizren at $8: 45 \mathrm{~A}$. M. in a Kissel Kar Truok and proceeded on a wonderful trip over the hills and mountains, the auto proving to be a wonderful climber.

We stopped once at a hun or inn in Sooha Reka and later passed thru Steemia, arriving in Ferizovioh, (Serbian name is Ooroshevatz) at 2:15 P. M. where we found Dr. Cornelius was in camp with Standifer, Bakeman, Crafts and Chris the interpreter.

There are two trucks that leave Prizren each day and ours was the second one; the first leaving at four o'clock in the morning. It was raining end ve paseed this truck before we arrived at Sooha pela, where it had gone down over a twenty foot embankment when it skidded. No one wes badly hurt however.

Chinn left on the four o'olook train for Skoplje.
We had a mighty good meal at night, and I am remaining in camp hare, going on tomorrov to Priahtina with Bakaman where our central oamp is loceted.


AT PRFIZOVICH.

SANITARY WORK WAS NEEDED


BAD.


AUGUST 1ST. FERIZOVICH (OOROSHEVATZ) TO PRISHTINA.
Up and to Prishtina on the eight thirty express!
In Prishtina I found Lyman and Dr. Shattuck at the station where there was a tent erected near the bath cars, where the soldiers and Austrian Prisoners were washed and their clothing disinfected.

We then rode to camp, a four mile trip over a flat country to the city, which was to the west and situated at the base of the mountaina in a very hot locality., near where in 1389 A. D. the Turks defeated the Serbians at the Battle of Kossovo and in whioh the Turkieh Sultan Mourate was killed by Milosh Obelich the well known Serbian Natioaal Hero.

We found the camp to consist of Campbell, Herrington, Fox, Laughlin, Dre. Gruver and Shattuck. Today I ran the olinic and at night took a trip in town with Harrington and Campbell to see the sights, finally turning in at ten o'olook with plenty of blankets as it is very sold nights.
AUGUST RND. CLEANING UP THE STABLES USED BY THE AUSTRIANS.
Today we were up early and with the assistance of Austrian prisoners started in cleaning up Stable No. 5. Vaocinated about eighty prisoners and in the afternoon ran the olinic.

Dr. Mitchell and Taylor arrived from Skoplje on the train in the afternoon. (Only one train dally each way in Serbia.)

I received letters from many people at home today.


FOR US IN PRISTINA.


THE CAKP AT PRISHTINA.

## SENDING SUPPLIES TO



MITROVITZA. A BARREL PUMP.


AUGUST RND. ORDERS TO GO TO MITROVITZA.
I received orders from Dr, Jackson thru Dr. Mitchell to go to $M$ itrovitza and make a rough survey and get a line on the work that can be done in that city. Am planning to go on the next train, which leaves tomorrow morning.

Tonight I went in town with Lyman. Tonight it was not so cold but we used two blankets and a pufi on our cots.

AUGUST 3RD. PRISHTINA TO MITROVITZA.
Packed, shaved and came up on the 9:45 A. 4 . train after a four mile ride to the station. In Mitrovitza it is a one and a half mile ride from the station to the Hotel Bristol, where I stay when I come to this city. In the afternoon, I took an interpreter and visited the Police Captain, Commanding City Mayor or Prefect, and the Chief Forester for information. The Chief Forester has charge of the publio water supply, that is, the supply furnishes water to three publio fountains and the hospital.

Also Visited the barracks for troops, Austrian Prisoners, gendarmes, the jail, hospital and the baths.

At night I went to bed as taps were blown at the barracke.
AUGUST 4 TH . MITROVITZA TO PERIZOVICH.
This morning I looked over the city some more and then left on the one o'clock train for Skoplje to make my report. At half past two, I reached Ferizovioh, where Dr. Shattuck got on the train, so I turned over my report to him and got off, so that I could carry out the rest of my orders and go to Prizren and make a survey of that oity tomorrow, as the auto leavers Ferizovioh for Priaren.


PRIZREN HOSPITAL


THE HOSPITAL LAUNDRY.

PRIZREN SERBIA.


THE HOSPITAL KITCHEN.


RIVER TO TURKISH FORT.

AUGUST 4TH. I ARRIVE IN FERIZOVICH FROM MITROVITZA.
I found Dr. Cornelius still in Ferizovich, where he is in camp, as the unit that is with him are drilling a well st the new barracks on the h111 and also doing oleanup work about the town, in the jails, gendarme barracks, hotels, and other necessary places.

When I left Prishtina, I turned over ten dinars worth of $m 12 \mathrm{k}$ ohocolats to Lyman and Campbell, as I thought that as long as I was going to Skoplje I could get another supply there tonight. I know innd thet I may need it in Prizren before my trip is over. We lived on chocolate most of the time on many of our trips as we never knew what infection we were exposed to in new town and oities that we visited.

Remained in camp at Ferizovich tonight, and shall go to Prizron by the militery auto tomorrow morning.

AUGUST 5TH. FERIZOVIOH TO PRIZREN.
After breakfast, I left for Prizren on the Kissel Kar Truck and arrived in that oity at two o'clock. I met Lazar here, atrange to say. (Lazar is the man who I met in Mitrovitza, the son of the ommer of the Hotel Bristol, and as he had been in U. S. he came in handy for an interpreter.)

I had dinner with him at the Restaurant Dooshan, by the atone bridge on the main street by the river. After a rather good meal, I took Lasar and went to gee the city Mayor Commandant who after a ehort talk describing conditions in the city, took me and visited the three hospitals, the

PRIZREN SERBIA.

THE ARMY CAMP. AMERICAN TENT

PRIZREN.

?IDWIFE'S SIGN.

AUGUST 5TH. A ROUGH SURVEY OF PRIZREN.
jail, gendarme barracks, barracks of the troops, oamp of the Austrian Prisoners and the army oamp.

At night at the hotel I met Dr. Waters of Canada, who knew Both Dr. Bridges of canada and his son whom I met in Harvard. I also met the City Commandant, who is to have the army auto truck oall for me in the morning at six o'olook to take me back to Ferizovich.

To bed late after a long tiresome day and writing my report on the conditions that I had found.
AUGUST 6TH. I LEAVE PRIZREN AND MEET A FORD AND RETURII!
After an early breakfast of a piece of bread and coffee, I left Prizren at six o'olock on the army truck, passed thru Sucha Reka and Steemla, when on going around a corner we met Drs. Jackson and Shattuck, with Gus, in the Ford! It was a surprise for I did not know that we had automobiles and I had not expected to see them at all until tonight in Skoplje.

It was the third auto that I had seen in Serbia during the two zenthe that I had been in the Balkans. I got out and changed autos, and showed them the way to Prizren and described the conditions that I had found.

When Dr. Shattuck left me in Pech, he expected to return to U. S. but due to the conditions that were being discovered he was requested to remain and take charge of one of the field units. He is to take charge of the work here in Prizren and I am to have the other field untt in


## AUGUST 6TH. PRIZREN TO FERIZOVICH, IN A FORD!

We had lunch at the Dooghen by the Piver and 2 eft for Ferizovich at $3: 30 \mathrm{P}$. M. and arrived there at $5: 55 \mathrm{P}$. M. which was very much quicker than the army auto truck, which made the trip in ifve and a half hours, with no springe. I imagine that a trip of two hours and twenty five minutes between the two oities, will stand as a record for many days.

We found Dr. Cormelius, Mr. Crafts, Brink, Bakeman, Gage, C. E. Buck, and Btandifer at the camp in Ferizovioh.

After a hearty supper? at the Hotol Paris, we retired, and I was pretty tired after so much pounding and jounoing over cobbleatoned roads.
AUGUST 7TH. PREPARATIONS FOR MY MITROVITZA UNIT.
Arose at half past ifve and as uaval the train was late so that I did not leave until 10:30 A. M. but one hee to be at the station on time, as occasionally it is on time, and with but one train daily it does not pay to miss it.

Dr. Cornelius, $M r$. Gaga, Standifer, Orafto, Bekeman and Dr, Gruver are to make up Dr. Shattuckd party to Prizren.

When the train came, I found that our Red Cross Car, the vaccination car was hitched on the train with "Niok" our "Pullman Porter" in oharge, so I got on and had a good. alaep on one of the bunks on the way up to Prishtina.

I arrived in Prishtina in dus time and met the fellows and made plane for my Mitrovitza party, After supper most of us went in town and had a fine time at the best


Steam Sterilizing bedding after sulphur fumigation at. Prishting Barracks.

AUGUST 7TH. A TURKISH BATH IN PRISHTTINA.
Turgigh Beth that I had yet geen in the country.
It was inely outfitted with rest rooms, steam rooms and water ran from all of the taps, apparently not one being broken. Usually at the bathe we find that here and there one of the miniature faucets has been broken off and no attempt has been made to repair the damage, so lazy are the people of the country.

But no matter how hot it is, the Turk muat have his hot bath. We remeined and enjoyed ourselves until long after midnight and then beeause we had stayad so late we were oharged two dinara or forty centa!
AUGUST STH. SUNDAY. TO MITROVITZA.
An early start this morning, the supplies were aent to the station at five o'clook and we left camp and made ourselves comfortable on the vaccination car at the station and proceeded to wait for the train to take us to Mitrovitaa. It arrived at quarter of ten, coming in its leisurely way into the station, as only a Serbian Train, equipped With hand brekes every six cars, the other cars having no brakes at all, oan do.

Our arrival in Mitrovitza was shortly after noon and we were hungry by the time that we could get lunch at the Hotel Bristol. Lyman and Farrington accompanied me up, and Campbell, $\mathrm{T}_{\mathrm{a}} \mathrm{yl} 10 r$, Leughlin and Gage are to come later in the week, when we heve made suitable arrangements as to sieeping and eating quarters.

In the afternoon I met, the Mayor, Commandant,
Dr. Kotur, the Kajor Doctor who is in charge of the


SEVER AT MITROVITZA.


THE BAPRACKS.


ALBANIAN RECPUIT.

AUGUST $8 T H$. IN MITROVITZA FOR WORK.
Military Hospital here, one of the largest in the country.
He is a line gentleman and has offered us the use of rooms in the hospital for sleeping quarters, which I accepted. They will be very good quarters efter they have a good cleaning.

The Commandant is to furnish us with bullearts which will bring our suppliea from the station in the morning. AUGUST $9 T H$. TORK STARTED ON THE BARRAEKS.

Up early and in the morning we secured some of our supplies from the station by fiacre and pasted up the rooms in the hospital that we are to use.

About noontime, the Russian Horses and Carts with one or two bull carts arrived at the Hospital and we then journeyed to the station and started getting the supplies up which was soon accomplished. It was a relief to have supplies brought by horses for we could get something acoomplished, much more than I had done by using the bull oarts that I had been used to heretofore in this part of the world.

In the afternoon we started pasting up the west wing of the army barracke, using Austrian Prisoners to do the work.

I arranged for our meals at the Hotel Bristol and we Will sleop there until the hoopital rooms ars ready. If we get along as fast tomorrow as we did today, I shall send for the remainder of the fellows tomorrow so as to have them on hend Wednesday.

AUSTRIAN PRISONERS LEAVE


FOR BATH CAR.


FILLING WATER TANK WITH


THE FIRE PUMP.


BATH CAR.


OPENING STERILIZING CAR.
L. to R.: CAMPBELL, SCHATTME


AND HARRIIGTON.

AUGUST 10TH WORK STARTED IN EARNEST ON THE BARRACKS.
Unfortunately our flour gave out for making paete, so that instead of pasting up windows in proparation for fumigating, I had to put Lyman and Harrington at work with the gang phinotasing the latrines and toilets of the barracks.

At noontime, Captain Schattner, our chief interpreter arrived accompanied by Campbell and De Pena, who brought supplies and a barrel of flour.

We had fumigated our room at the hospital last night and today we oleaned it up and phinotased it and as it was dry, we moved into it tonight. The Captain and Harrington and I slept in the Hospital, while Campbell and De Pens had to remain in the hotel tonight. Tomorrow we will prepare another room in the hospital for them.

Captain Schattner brought a supply of chocolate from Sioplje, which was fortunate, as we vere almost out, and had bought the tow out of its meagre supply.

Sent Lymen to Skoplje for supplies on the one o'olock train. It is advisable to slways send a man rather than telegraph, as there will be no delay.

Arranged the beth train at the station, by the water tank, so that it nould be easy to fill the boiler and shower bath car. Secired the village fire pump to fill the water tank from the well.

At night I went horse baok riding with the Captain.


AUGUST $11 T H$. VACCINATION OF AUSTRIANS STARTED. Up early and breakfast at aix thirty by the clock.

Today we finished pasting the west wing of the barracks and tonight set the sulphur burning. Corapleted the proparations at the station and the bath cars are now ready for business as soon as I can persuade the Commandant to allow the Austrian Prisoners to make the trip dow there and back.

Mr. Taylor arrived at noon, and in the afternoon he finished phinotasing the latrines at the barracks, a work which hes to be done at least onoe a week. Harrington, Campbell and De Pena were fumigating the barracks. Inoculated 158 Austrians and 12 gendarmes.

Completed the rooms in the hospital and all of the party are now comfortably qusrtered at that place. Taylor and De Pena are in the aame room and late at night, they render us some harmoniua? melodies, the southern mixing well with the Spanish, according to Mr. Taylor. Needless to say we think otherwise.
aUgust 12 th.
Inoculated 58 Sanitary Soldiers with our TetraVaccine. It is a vacoine against Typhoid, Paratyphoid $A$, Para-Typhoid B and Cholera. All four in one, given in three doses. Pasted and fumigated the right side of the main builaing of the baracks. Phinotased the first floor of the west wing. Bathed 200 soldiera at the bath train.

Mr. Taylor left for Skoplje this noon as he is a little under the weather.

TROUBLE AFTER STERILIZATION.


HE CAN NOT FIND HIS CLOTHES:

AUGUST 13TH. THE BATH TRAIN. A DESCRIPTION OF.
A beth train unit consisted of three cars, one being fitted out with sixteen shower bathe, supplied from a tank on the roof of the oar. Another mas fitted out as a huge steam sterilizer, with cross bars ineide on which olothing was placed, straw ticks, and bed clothing. This car was lined with sheet zinc to keep it steam tight. The third car was a boiler car and was placed between the other two cars when operating. It furnished steam to the steam sterilizing car and hot water to the shor er bath car.

In the first few hours, it was found unnecessary to heat water for the shower bath car, ss the heat of the sum on the tank of the bath car, heated the water piping hot, and thus the fellows would always go dow to the aars after a days work for a shower, for it was always warm.

We found that the rivers were very dangerous to use for bathing as they were badly pollutad.

Today the right hand corner of the berroks was fumigated, and the whole west wing of the barracks phinotased. As today we bathed no soldiers, the whole force was at work on the barracks and a great deal was accomplished.

Laughlin arrived today as an addition to my foree. from Skoplje. There are now two large ifeld units, Dr. Shattuck at Prizren and mine here. The rest of the fellows are diatributed in Monastix, and Niah, while the main party and Dr. Castellani's Laboratory are at Skoplje.

To bed at ten orolook after plenning tomorrows work so that we can get an early start.


CASTLE DUCHANNE. RUSSIAN HORSES IN THE FOREGROUND.


ON THE WAY TO THE CASTLE.


THE CASTLE. SHOWING THE OUTER WALL.


A ROOM. SHOWING THE ARCHED CEILINGS.

AUGUST 14TH. BATH TRAIN AND FUMIGATING IN FULL BLAST.
Up early and to work. Phinotased the wost side of the main barrack buildings, and pasted and fumigated the east end of the barracke that had been ocoupied by the Austrian Prisoners.

Bathed 158 prisoners at the bath train. In bathing prisoners, they disrobe in a large hoapital tent, and then carry their clothing, straw mattress tiok, pillow cese and other personal clothes into the steam sterilizing car and then while their elothes are being aterilized, they go into the shower bath car. In this wey they are clean, have a hair clip, and their olothes have all vermin killed.

The steam kills not only the bacteria, but also the Lice eggs, bedbug egge and other ingects that infest troops and prisoners in times of war.
AUGUST 15 TH. WE VIBIT SVERCHUN CASTLE ON THE MOUNTAIN.
Today is Sunday and we are now resting on Sundays as the opiderin is over and no oocasion for rush work.

After breakfast, Lyman, Campbell, Laughlin, Harrington and I atarted for the old eastle of Sverchuh on Sverchun Mountain.

We took a fer piotures of it from the mountain to the south of it and then we climbed up to the castle ruins. It wes e wonderful old place. The walls were twelve feet thick and twenty five to forty feet high in places where the walls had not fallen down. We found old chambers, most of them underground, and eith arohed roofs atill intact. On the north side was the remaing of a town


THE RUINS LOOKING UP NOVIBAZAR SANJAK VALLEY.


THE WALLS OF THE CASTLE.


THE OLD SPRING OF THE CASTLE


A CORNER TOWER OF THE CASTIB.

AUGUST 15TH. A VISIT TO THE OASTLE OF TSAR DUCHANNE, OIN SVEROHUN. and down below the castle, but inside of the wall that surrounded the top of the mountain, we found the old spring that supplied the water for the castle. It was atill running and the remains of the old walle about it still stood just as in years gone by. The spring came out of a square stone masonry condult, which had been built far into the mountain of solid rock, and led almost beneath the oastle.

About the castle were many besutiful ilowers especially in the damp places. On the way back we sam the gypsies dancing their peculiar dance to the noise of bass drums and gourds.

After the trip which was a very hot one, $\mathbb{I r}$. Campbell felt pretty tired and ate no dinner. "Gigadier" taylor was also under the weather. I felt O.K. but felt glad to lie down for a rest after I had written some letters.

The Major Dootor is still treating us fine here at the hospital and we feel greatiy indebted to him for his kindness.

All of the fellows went to bed early tonight, as we feel the need of sleep owing to the very hot days that we are getting in this oity.

We are getting rumors of bed news that perhaps another country will enter the war, and if so Serbia will certainly be in a tight fix, hemmed in as she is in the center of the Balkans.

BUTCHER SHOP. MITROVITZA


NOTE DOGS.

AUGUST $16 T H$. WE GET SOME ROAST BEEF! AFTER GOAT IT IS GOOD!
Today after breakfast a shower struck the oity and it was very welcome as it served to 0001 off things. Pasted up the central and part of the east end of the barracke and phinotased part of the section ocoupied by the Austrians.

We had roast beef for dinner and it was indeed a weloome dish after goat stem twice daily.

Vacoinated 98 soldiers today, some being the initial and some the second dose.

Dr. Strong landed in Ferizovich last night and we expect him up here on a short trip soon.

A frost struck the oity last night, killigg the sun flowers, but the days will be hot for many days atill.

Rumors of Bulgaria and Roumanie joining the Central Powers are afloat with the possibility also of Greece coming in also. It makes one feel a little ticklish, as the only way out is thru Gresece.
UUGUST 17 TH . ORDERS FOR CARS TO BE HELD TO CARRY TROOPS.
Pasted the east wing of the hospital and fumigated. the little hospital building and also the central and east end of the main barrack building. Phinotased all the toilets again. Sixty one gendarmes were vaccinsted.

Orders came to hold all railroad ears in readiness for transporting soldiers, so that we are a little short in supplies. We are using nearly s ton daily and it is necessary to obtain more from Skoplje every fem days.

Laughlin has a slight fever tonight and it seoms as if it is pappatail fever.

Left to Right:
Dr. Geo. Shattuck, Austrian Prisoner Doctor,
Dr. Thomas W. Jackson and Dr. Vookichevich the Serbian in charts of the Hospital.


Tower in outer wall of defence Castle of Tsar Duchanne, Mitrovitza.

AUGUST 28TH. DR.JACKSOIN ARRIVES AND I RETURN WITH HTK TO SKOPLJS. Up early and to breakfast. Laughlin is worse and has got three day or pappatacil fever.

Drs. Jackson and shattuck came today over the road by aford, from Prishtina with Childs, a Princeton fellow ariving, with a car from the Columbia Unit.

Finished sealing and fumigated the left side and east wing of the main hospital building and phinotased the barracks and small hospital that me fumigated yesterday,

Introduced Dra. Shattuck and Jackson to the Major Doctor and we had coffee together in the 1-jors quarters at the hospital.

At one o'clook Dr. Jackson and I went to Skoplje in the private Red Cross Car that we have for our use, and I put up at the Amerikaneki and ate a fine dinner at Zurinskys by the stone bridge on the banks of the Vardar, in the center of Skoplje.

At night I sam the movies with mar plotures of London at Zurinakys open air restaurant.
AUGUST 19 TH. SHOWERS AGAIN.
Visited our magazine and got together the necesaary supplies for Skoplje.

To Zurinskys for neals as that is where the American Red Cross has its mesis in this oity. At night we saw the movies again. After they were over, (about thirty minutes) I went down to the station and aboard the vacoinationar for a siesp, as it will be hitched onto the Mitrovitze train in the morning at five o'olock and I will not have to get up and lose some sleep. It was shunted all over the freight yard so that I did not get mueh sleep after all.

THE RESERVE HOSPITAI


MITROVITZA.

THE RESERVE HOSDITA


AUGUST ROTH. SKOPLJE TO KITROVITZA.
Arrived in Mitrovitze on time at 11:30 A. M!
Vacoinated with the tetra vacoine, 28 Austrians, 42 Sanitary Soldiers and a number of oivilians today. Pasted and fumigated the Barraok Reserve Hospital today, using a half tone of sulphur for it.

Passed the private train of coaches of the Xing of Serbia todey, as it is waiting at Mitrovitza for the arrival of the Crown Prince of Montenegro.

Fumigated the barracke hospital building using 2,000 pounds of sulphur for the job.
AUGUST 21sT.
Up as ueual and opened the Barrack lieserve Hospital taking the blankets and clothes to the steam oar at the station andphinotasing the building.

Phinotased the stebles. In these stables there are over 300 Russian Horses and wagons, which are the stanchest thing in the wagon line that I have seen in this country.

Our auppliee came today that should have comes yesterday, - three barrels of phinotas oil, one barrel of flour, thirty gallons of heavy oil, and ten gallone of alcohol.

We have an Austrian prisoner as a valet, and he is a dandy, pe is a Bohemian and oan certainly keep our rooms in good order.
${ }^{1}$ UGUET REND. SUNDAY.
peated all day today with the reat of the fellows, and to bed at ten o,clock. Laughlin is now $O$. K.


One of Our Austrian Prisoner Work Gangs. Mitrovitza.

AUGUST 23RD. MR. KEAN ARRIVES AND IT IS PAY DAY.
Up as usunl this morning and pasted up the right ving of the main hospital in the morning and afternoon, starting the sulphur burning in the afternoon. We ueed 1,000 pounds in the wing.

The toilets and stables were given another phinotas treatment as the flies were getting troublesome again. Also ninety two soldiere received their tetre-vacoine inoculations.

The arrival of Mr. Kean on the noon train was the object of much rejoicing as many of the fellows were getting low in ready change. Two of the fellows retumad to me the nepoleons that they had borrowed. Lyman is getting ready to leave as he hopes to get back to the Statea about September Fifteenth, as he is to start in at Johns Hopkins Medical School this year.

AUGUST $34 T H$. HORK CONTINUES ON THE TVO HOSPITALS.
Phinotased the right wing of the hospital and also the barracks hoapital and gendarme stables. Fourteen of the gendarmes received their inoculations today.

Mr. Kean left today for Prizren, via Ferizovich, so as to pay off the unit that is at that place under Dr. Shattuck.

Sverchun Castle has been hid by clouds all day, they hanging very low now that we are beginning to have daily raing.

TYPHUS GRAVE YARD


MITHOVITZA.

AUGUST 25TH. OUR FORD ARRIVES! LYMAN TO GO HOME SOON.
Rain again greotod us this morning and it is getting to be very disagreaable. However, today we were unable to do much work as the gendarme barracke are next to be done, but we must bathe them before oleaning up their barracke so as to make a complete job of it.

Lymein and Captain Schattrer arrived back today from Skoplje. Lyman brought up Ford \#ll with him as that is the machine that is to delegated to this field unit. He tinksred with it and finally adjusted it so that it was in good running order, but potrol is soarce and we have but eight kilos to operate on.

Nevertheless, we took the Captain and the Chief Forester out in the afternoon to the Nursery and back, hoping to persuade them to give us gasoline to finish our mork here.
UUGUT 26TH, I ACCEPT THE RUSSIAN ASSIGNEENT,
Today we started work on the gendarme barracks and also oiled the hospital floor.

Recoived a telegram from Dr. Richard P. Strong, as follows, -
"American Red Cross about to undertake mission of twenty doctors, ton from China, ton from Europe under directorship of Dr. Caldwell to visit and help German and Austrian prisoners in Fuseian prison camps. Salary two thousand per year. Possible six months service. Do you Wish to go? Reply to me at Mish."

Strong.
I immediately wired, -
"Will accept Pussian assignment."


MONTENEGRANS ARRIVING FROM U. S. AND CANADA.


A BUTCHER SHOP. MANY DOGS AND FLIES.
NO SCREENS.


SERB CHURCH AT MITROVITZA.

AUGUST 26TH. MONTENEGRANS ARRIVE FROM U. S. TO FIGHT!
In the afternoon, 2,250 Montonegrans arrive on a special train from Skoplj $\omega$, and are going on to Montenegro to fight against Austria. In talking with them, we wers gurprised to find out that they were from canada and U. S. and had come all the way from those countries to fight against their old enemy. About four hundred came from Buttos, Montana and the remainder from cities in the mining regions.

They said that many others were coming over in the same way. They were also enjoying life while they could, and esriy. in the evening, the Hotel Bristol was bought out of beer with good Amerioan and Canadian money.

Tonight I plsyed cards for the first time since arriving over here, when four of us, including Captain Schattner played whist.

We seoured a London Weekly Times of July 31 st and it was laore than welcome as we now had some real news of the outside world in English. We have besn trying to digest the Serbian Newgpapers, 3 one page sheet, one side of whiah is a cartoon and the other side containa only doubly consored material and not muoh truth to say the 2eaet.

It rains daily now in that drizzling disagreeable Way, and it is a forerunner of the wet sesson that is due to arrive noxt month.

We have melons daily and they are large and have a Iuscious flavor, both watsr melons and cantalopes. The other fruit, as epples and penrs are poor and not worth looking et.

## AUGUST 27TH. AT TORK ON THE GENDARUE BARRACKS.

We continued pasting the genderme barracks and bathed a detachment of the gendarmes, stsrilized the store of elothing at the gendarme barracke which were full of lice egge.

At noon went to the station to take the one o'olook train for Skoplje. The trein consists of a eecond clase coach, a third cless cosch and twenty to thirty fretght cars depending whether it is coming up the grade from Skoplje or going down to Skoplje. It leaves Skoplje between $5: 15 \mathrm{~A}, \mathrm{M}$. and $7: 00 \mathrm{~A} . \mathrm{M}$. and arrives in Mitrovitza between 11:00 A. H. and 3:00 P. K. after the trip up along the river and up over Koaovo Plain along which she attains her best speed of dout twenty miles per hour.

As the train passes the guards who are stationed at the bridges along the way, the round loaf of oread is tossed off the train in burlap bags, which constitutes the days rations of the soldiers.

Several of our fellowa have now had papatacil fever but no 111 effects have resulted from it up to the present time. It lasts for three to four days and then the individual gets up feeling a little week but otherwise fairly well.

I am going to Skoplje to meet Dr. Strong and talk over with him the Russian Expedition to see what the plane are and make preparations for getting the material, warm clothing and things that I will need.

At Skoplje, I met $M r$, Little of the Columbia Unit and Naylor of the London Times.


An Austrian Prisoner Work Gang in Stooplie.

AUGUST 28TH. CAMPBELL AND HARPINGTON GO TO THE HOSPITAL.
Wes surprised to see paylor, Campbell and Harington walk into Zurinakys tonight while we were at aupper. It seems Herrington and Campboll, who I had Left sick with sore legs and feet in Mitrovitza, finally concluded to take my advice and go to the Lady Paget Hospital for treatment. They had been unable to do any work for three or four days and yet would not go to the hospital and would persist in walking about a.t Mitrovitza.

Dr. Strong is expected from Wish tomorrow morning, so I shall stay over until tomorrow.

We are now situated in the house of the Austrian Vice Consul and it is amall but very convenient for a unit of our size.

AUGUST 29TH. UP AT 4:30 A. K. TO UEET DR.STRONG.
Today is Sunday and we need the reet for many of the fellows are ahowing the effecta of the hot, rainy, misty weather and are aimply laying in bed except a trip to Zurinskye for meals.

Dr. Shattuck oame over from prizren in his Ford, without any brakes as they were broken.

I got up this morning at half past four to meet Dr. Strong and it was decidied that I should be in Serbia or Russis neat winter.
AUGUST 30 TH . SKOPLJE TO WITROVITZA.
Up at $4: 15$ A. M. to get the $5: 15$ train to Mitrovitza and strange to say we arrived at Mitrovitza at $11: 15 \mathrm{~A}$. $M$. or only fifteen minutes late.


My water survey gang.
ONLY THE TURKS KNEW WHERE THE PIPES LAY.



DOZEN FOUNTAINS, MITROVITZA.

AUGUST. 30 TH. AT WORK ON THE JAIL.
A speoial train came in to night, and now I hear the tramping of many feet. It is evidently another detachment of Montenegrans from Canade and U. S. that have arrived to fight for their mother country.

Tha City Jail was pasted up and fumigated today and the fifty aix prisoners were bathed, and inoculated with the tetra-vacoine.
AUGUST 313T. WE LOOK OVER THE CITY WATER SUPPLY.
In the morning the city jeil was phinotased and the barracks of the gendarmes and stables were also given another tratiment.

Plans were made for fumigating the post-office and Prefeotis Office or City Hall.

We made a trip out to the Oity and Hospital Water Supply, about three miles west of the city. It consists of a wall over apring, from which the water runs by gravity by tile pipes, sbout eight inches in dimeter to four fountains in publio squares and to the hospital grounds. No pipes enter houses or buildingo.

I gave Lyman my photor and filma tonight to carry home, as he expects to leave on the nineteenth on the S. S. Constantine from Pireus or sooner.

The bospital floor was given another oiling today. Hegoon went to Ferizovioh where he is going to take samples of the springe and welle in that tom. He mede bacteriologioal tests on all the different public fountains and wolls in this oity, using an oil incubator that ha had asde out of a five galion standard oil oan.

AUGUST 32ST. WE GET FIVE GALLONS OF GASOLINE:!
At last we manage to get five gallons of petrol from the Commandant after many journeya to his office and much pleading.

The price is high if bought at wholesale or retail, the price being seven diners a kilo or five doliars a gallon, due to the fsct that the supply had been already confisarted by the aray.

SEPTEMBER 1ST. LYMAN LEAVES FOR U. S. A.
The Post Office building was pasted and fumigated today and also the sohool nearby.

At noon we gave Lyman a farewell epread at the Hotel Bristol and bade him farewell at the station as he left on the one ololock train for the States. It makes one smile every time we see the train here, for the cars are four theeled affairs and made in germany and have no air breaka, and only one in six or seven have hand brakes.

I sav for the firat time children playing in the fielda. They were swinging underneath an apple tree and seemed to be anjoying themaelves in fine shape. The ohildren over here heve to rork very hard in the ordinary courae of eventa.

The Major Dootor informed me today that he is going to Prishtine tomorrow and I have deoided to take him by auto for perhays he oan get more gasoline for me.

It is the cuatom hers for a junior officer not to pass a aenior officer on the road in a carriage. I did today and now $I$ am looking for the consequences, but so far nothing has happened.


WITH DR. VOOCHINOVICH.


SULTAN'S COFFIN.


TURKISH GENERAL'S GRAVES.


COMPOUND AT GRATCHANITZA.


THE TOOLBA COMPOUND. SUUTANE 3 TOMB AT LEFT.


SULTAN 'S TOMB.


TURKISH FIELD MARSHAL'S GRAVES.


GRATCHANITZA CHURCH BUILT BETO? 1389 A. D.

SEPT. RND. MITROVITZA TO PAISHTINA AND GRAFCHANITZA.
Opened up the Post Office and School in the morning and phinotased them. Also oleaned up the tollets and school \#a and a few odd roome at the Hotel Bristol.

In the afternoon the Oity Court House was pasted up and fumigated.

In the afternoon I took the Liajor Dootor and the tro Austrian Dootore to Priehtina. These Austrian dootors were surgeons of the regiments that the Serbs had oaptured in the Fall of 1914 in the disastroue rout of the Austrian Army when they invaded Serbia shortly after the beginning of the war. They are fine fellows and are allowad the liberty of the oity and in return do surgery at the hoapital.

On the way to Prishtina, we stopped at Toolbs and sam the Tomb of the Tuxkigh Sultan Kourate who was diserabowled in his tent after the Battle of Kosaovo Plain in the fight with the Serbs in 1389 in which year Turkey gained control of Sexbia and lacedonia.

Juat beyond here we sew the tomb of two Turkish pield Marshale who loat theix lives in the same battle.

We reached Priehtina at $3: 20$ P. M. and went to Gratohanitza, whers I saw the Convent of Gratchenitza, an old Serb Church built prior to 2389 , the ralla boing baautiful with paintinge, similar to the lionastery at Pech. Here we saw the Tomb of the King of that early period, and as he died before the Church was completed, he had carved high up on the wall of an undergroung chamber, ten feet above the floor direotions as to his wishes for completing the Church.

We left here at 4125 P. M. and reached homa at 6:55 P.M.


KING'S TRAIN. THE ONLY MODERN RAILWAY CARS.


MILITARY GRAVE YARD. TYPHUS VICTIMS.


TURKS INSPECTING THE FORD AT THE MITROVITZA RAILROAD STATION.

SEPT, RMD. GRATCHANITZA TO PRISHTINA TO WIT ROVITZA.
During the trip we ran over one boar and were repeatedly stopped by a donkey that ran on ahead of the Ford. The trip covered about ninety kilometere and the road carried us over many large hills and small mountains, mostly mud and clay suoh as is common to this country.

Two of the paintinge on the wall of the Church at Gratchanitza were of the Serbian King and queen of that time and were beautiful in the old colors that were still visible.
SEPT. 3RD. WE PROCURE FIVE CALLOMS MORE OF PETROL:
This morning we opened and phinotased the Court House and managed to get five more gallons of gasoline from the Commandant, making a total of ten, that I have secured for Red Cross work here. It is a very soarce article.

Tonight four hundred herses went thru that were bound for Montenegro, accompanied by 200 men who were leading them.

Today after many attempts I secured workers so as to stert clearing the ditchas in the sestern section of the oity, which are in a filthy condition from lack of care and are breeding moaquitoes in large numbers.
SEPT. 4 TH. WE PREPARE TO LEAVE WITROVITZA.
In the afternoon I took the Prefect to the weter supply on the Pech road, which eupplies the city and the hospital with water.

Captain Schattner departed for Skoplje on the train, that is the one o'olock train, the only one. He had oharge of material that we did not use and was being returned to




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SEPT, $4 T H$. OUR LAST FET DAYS IV MITROVITZA.
our Storehouse or Kagazine in Skoplje, (Uskub). These Went on car 6803, end arrengementa were made to obtain a flat oar to send the auto down in and to forward the bath cars.

SEPT. STH. WE 00 TO BANSKA. THE AUTO FALLS OVER CLIFT!!

- Practically all of the work has been completed here. Today we took a trip, Laughlin and $I$, to Banska where there are some publio hot spring bsths, as we thought that perhapa there might be an opportunity to put in some good sanitary mork on them and thus prevent disease.

We arrived $0 . \mathbb{K}$. but instaad of the elaborate affair, that tre expected to find, there was but little outaide of what nature had provided. Merely a dark wooden house, With a pit in it full of werm mater. Hot water flowed in one end to fill it, coming from a natural spring and the outlet pipe was on the opposite end. Hollow logs were used in place of pipes.

On coming back, it otarted to rain and the road was extremely alippery. Soon we met our Waterloo, when the road gave may, due to the weight of the auto and we slipped over the side of the road, auto, faughlin, I and all. It Was about a twenty-five foot fall. I remembered going over and thon I heard Laughlin saying, "I want my hat", "I want my hat", whioh he kept ropeating.

We were practically unhurt strange to say. Laughlin received a short cut on his forhead and we both felt sore and lame, otherwise no injuries. The Ford in faliing turned completely upaide down and the top atriking first, broke


ANCIENT CASTLE AT BANSKA.


STOPPING FOR WATER.


THE RESCUE THE NEXT DAY.

[^1]SEPP. STH. OUR FALL OVER THE CLIFF IN THE AUTO!
the fell, we remaining inside and cremled out from under the steering wheel, where we found our bate, kodake and glassez.

The top, one oil lamp, a fender on the Ford were bent and cmolished, othervise there vas no other injury to the car.

Ae it ras impossible to get the Ford up out of the ravine we left it and atarted for $\operatorname{Skop} 2 \mathrm{je}$, washing up at the flust brook that we came to. It mas an eight kilo walk back to Mitrovitas.

Then we arrived at the hoapital three stitches were taken in the cut on Laughlin's forehead. The Major Doctor and the two Austrian Dootore certainly did laugh over our predioament and the walk we had back to the city.

I zade arrangements with the Major Doctor to procure oxen and reacue the auto in the morning.

We went to bed a rather sore couple, stiff in the shoulder and all over.

SEPT. GTH. THE SERBIAL SOLDIERS PULL THE AUTO OUT:!
I slept but littie due to the bruiees, and had an early breakfest and st aeven otolock I had a fiacre and raited for the Kajor to come as we had to go and get some rope for the task. He cane shortly after and we started to find some rope which was a hard task. Nons was to be had, until at the last moment we thought of the rope near the river to which the fussian Horsea were corralled. This was about an inch thick and proved to be sufft ioient. We then started for the auto.

SEPT.6TH. THE WRECK OF THE FORD IS SALVAGED!
Sixteen sanitary soldiere and eight oxen had been sent on aheed early in the morning and we found them on the scene. The oxen were young and very amell, as the beat wore in the army, end used for the heavy guns in the artiliery.

By aome means, that we were never able to understand thase sixteen men and a few peassnta had suoceeded in lifting the Ford up the nearly perpendioular oliff on the road, and were puohing it along with a Sarb at the wieel when we mot them.

In examining the car, the only thing that was broken as far as we could make out, wae the hose connection, between the radiator and the engine, which I soon had fixed. We fixed this and oranked $4 p$ and the engine ran strange to say. However it spit badly and we had to be hauled in most of the distance as we could not looste the trouble. We then had it put on a flat cer ready to be aent to Skoplje.

Vacoinated the Prefect and the fifteen Postofice employeea today.

Runors of the Capture of the Dardanelias reaohed us yesterday and roday. But we also hear that the Allies are making no progress there and are being defeated.

The London Times has an account about a man who was fined ton pound for saying that Warsaw had been captured by the Germans on July 38 TH .



WOMEN AND A TWO HORSE HITCH.
THREE HORSES.
THRASHING GRAIN, OLD METHODS.


NOTE THE ROPES NEEDED FOR A TURK.

SEPT. TTH. THRASHING OF WHEAT IN PROGRESS.
Wheat thrashing is on in full blast. It is thrashed by horses being driven around and round a pole to which they are tied, the whe at being placed on the ground and they knock the kernels off with their hoofs. The horseg are driven in pairs or threes.

The wheat to be thrashed is piled high, in piles of fifteen feet or more. After thrashing, the women, for they do all of the work, take wooden shovels and tose up the wheat that the horaes have ran over, and the wind blows away the chaff and the wheat falla to the ground, which after it has sll been thus treated, is swept up and put in sacke.

To bed and I feal better than last. night.
SEPT. BTH. TE LEAVE MITROVITZA FOR SHOPLJE.
Paoked and left Mitrovitan for Skoplye on the one o'clock train. It was zith a great deal of difficulty that I suoceeded in perauading the station master to place the aary mith our supplias on the train without an oxdsr, but he innally did and we went off without an order, feking with ue Harrington's and Cumpbelits Iuggage thes they had left in Hitrovitta when they went to the hospital, down in SKoplie.

On exriving in Skoplfe I lost my rainoost. I found the Amerikanaki is Houee full of the fellows, so I put up at the Mogazine, with Bravo and Laughlin, but did not sleep very well, due to the strange surroundinge and rats.

SEPT. §TH, I VIEIT DR.CASTELLANI'S MALARLA VKRDS!
I went up to the Lady Paget Hosp1tal and made my long delayed visit to Dr. Castellani and his malaris warde, there being abovt fourhundred cases in them, After working awhile in the laboratory, I met Dre. Hendelson, Buck and Berger for the first time since leaving Salonika.

Dr. Riohard Strong hes gone for U. S. To bed at hale past nine, when I retirea tired after my trip to Tetove this aiternoon.

In the afternoon I went to Tetova with Dr. Jackson and Sturrt on an inspection trip. They also wanted to meet Dr. Forest a Tupts nan who Fas stationed as a part of the Serbian Governaent Hedioal Corpe in that oity.

I bought a rug and sowe soissors, knives and other ewall trinkete that they meke in this city, that are inlaid With silver.

Te pasaed many buildings that were doetroyed in the Balkan mar of 2912, al2 of the mood boing taken out of them to supply the soldiera with oamp ifres during that oampaign during the winter monthe. They were etripped to the bare walls, windows, frames, timbers and the iike.

We passod two isrge transport trains that were taking aupplies of flour to the Serbian Army. There Fere over 400 oxen in esch wagon train, two to a Wagon. These were bound for Albenia where the Serbians had carried out a succeseful campeign, egaingt the Albenians.

Berger announced his engegenent todey to the Serbian Girl Ilathalie Durosco.

## THE RAILROAD WRECK. A HEAD ON COLLISION..



SKOPLJE TO NISH.

R.R.COLLISION NEAR TSEP.


TSEP.

SEPT. $10 T \mathrm{TH}$, BERGER AND I LAND IN A HEAD ON R.R. COLLIS ION:!
I have been ordered to Wish by Dr. Jaokson and left on the evening train with Berger, who is going up to see his father-in-law $M r$. Durococo.

I had a more or less slespless night and at four -'elock the next morning the train stopped at Tsep and the train from Nish which was supposed to pass us, came around the corner full speed and instead of taking the awitch, ran into our train head on.

Two men were killed and a dozen injured, a compound fracture of the femur, fractured ribs, and a fractured spine, the sixth or seventh cervical being the most serious injuries.

A dozen cars were derailed and many smashed. We were called and fixed up the wounded and later a French Military Surgeon oame up and assisted us at the work.

We had roast pig for breakfast, cooked over the campfire at the wreck, there being no habitation near ue. About nine o'clook in the morning on the eleventh, the wreoking train from Nioh arrived equipped with jacke, lumber and other orude apparatus. We started for Nish at two o'clock on September 11 th, ten hours late.

SEPT, 11 TH. WE ARRIVE IN NISH.
At Nish Berger left me and as I was unable to get a fiscre I started to walk to our camp which we had here, in charge of Sohoonmaker, who was building a sewage system for the group of hospitals at this place. It was a muddy walk as it was raining hard, but nothing out of the ordinary.

SEPT. 11TH. IN CANP AT NISH.
When I came in the station at $\mathbb{N} i \mathrm{sh}$, I had thrown off my cot, and blankets to Niok(the Serbian in cherge of our private car) whon $I$ told to place them in his ear, which I was to use in carrying the payroll back to Skoplje tonight, so as to have an armed guard.

On my walk up I came across one of the fellows who had an auto of the Columbia Unit and he took me to Hedame Grouitch's house as he thought Stuart would be there, and I had some dispatches for her.

After delivering them to her, we visited the Baby Hospital but found no one it was so late. So as a last resort we started for the American Consuls and there we found a Ford with Brink, Stuart and the others. pere I met $M r$. Young, the Consul for the first time.

It was so late that I was unable to get the money today, so we loaded up the Ford and started for camp, about two miles out of the center of the city. There a surprise was in store for me, for tonight a supper was being given by Stuart to the Russians and $M r$. Young and turiey was on the menu. It was an excellent meal, the best I had for many days.

At nine I started for the station to sleep in my cot, but it was raining so hard that I took Mr. Youngis offer and slept at the Consul is house in a real bed with springs.

It was fine and Kr . Young is a pretty good chap taking me in out of the rain. There were no extra cots at the camp so I could not stay there, and mine was in the private cer with Nick.

SEPT. $12 T \mathrm{~T}$ SUNDAY AND THE BANK NOT OPEN.
Today being Sunday I was unable to get the money I was after. At night I was taken to the station where I was going to sleep. I hunted all over the yard for Nick and the osr but was unable to ifind it. I then found that by mistake it had been sent to Skoplje, so there was nothing to do but to walk back in the rain to the Consuls and ask him for another nights lodging. After a long walk thru the mud I completed the trip and reached his house where I was only too glad to turn in.

SEPT. 13 TH , NISH TO SKOPLJE TO DJEVDJELI.
Today after much parleying with the Hebrew Moneylenders and Bankers, we cashed the Red Cross Cheok and I pay off the fellows in camp at Nish.

Just before starting for Skoplje, a telegram arrived from Dr. Jackson, directing me to meet Mr. Tripeevich at the Skoplje R. R. Station, turning over accounts to him and procoed to Djevdjeli and take charge of the camp down there, that had been sent down the week previously, under Dr. Gruver.

I left Nish at 7:30 P. M. after visiting the Rusian Hospitals. C. E. Buck and Brink accompanied me to Skoplje, where I met Tripoevich as was planned, on September 14 th. SEPTEMBER 14TH. NISH TO SKOPLJE TO DJEVDJELI.

I prooeeded to Djevdjeli, and found Dr. Gruver, DePena, Campbell, Crafts, Taylor and Harrington in camp. On the way down I passed Dre, castellani and Jackson with Mr. Standifer. Dr, Jackson ordered me to take charge in Djevdjeli while Dr. Gruver came up to Skoplje.

Dra. Jaokson and Castellani ha d been to Salonika where Dr. Strong had been taken with malaris on his way home.


THE FRONT. NOTE SHELLS.


THE REAR. PRIVY AND WELL. OUR QUARTERS AT A TURK CLUB HOUSE.


ONE OF THE NUMEROUS MOSQUES.

SEPT. 14 TH. WORK STARTED IN DJEVDJELI.
Dr. Strong received the Decoration of the Saint
Savar, in the Second Degree. On arriving at Djevdjeli,
I found a telegram awaiting me, directing me to take charge as Dr. Gruver has orders to return to Skoplje.

I found that the fellows were at supper at a private house, where they are having their meals. Our quarters are in a Turkish Clubhouse, at the end of the main street, and it is a very comfortable arrangement.

Today my raincoat was returned, a Bohemian American doctor, whom I had met found it and recognized it, sending it on to me, for which I was thankful, as it was raning dally in the late afternoon.

SEPT. $25 T H$. A TRIP TO DOYRAN TO TAKE UP MALARIA WORK.
At work once more after a few days of travelling and it seems good to be back on the work once more. In this oity work has started on hotels and publio "noozniks" and a preliminary public education plan.

It was in this city that Dr. Donnelly of the Red Cross died in Tebruary of this year from typhus fever. He had charge of a 2,000 bed hospital which we are to tackle and clean up as soon as possible.

Today, I took Campbell and Harrington to Doyran over a very rough road. Doyran has a beautiful location and is a pretty city if not examined tou closely, as it nestled in the Southemern corner of Serbia, on the north ahore of Lake Doyran. It is at this point that Greece, Bulgarie and Serbia unite, the Doyran Railroad station being in Gresee, about two miles from Doyran in Serbia.


ROAD, DJEVDJELI TO DOYRAN.


LAKE DOYRAN.

SEPT. $25 T H$. MALARIA WORK STARTED IN DOYRAN, SERBIA.
We made a trip to the railroad station in Greece, where we could obtain food and tobacco much cheaper than in Serbia and we had no duty to pay as we were Red Cross men and bought only enough for our omn supply.

Lake Doyran is eight to ten miles across and a deep blue, with a shore lined with rushes from ten to fifteen feet high, among which the ifshermen had small huts built With their boats moored close by. On the western end of the lake, the mountains of Bulgaria towered high over all and dominated the seotion.

The fishermen would set their nets off shore and then land drawing the nets in by hand up on the beach, with the Iish jumping around in them. It reminds one more than ever of the mediaeval status of evrything in this part of the world.

I left Harrington and Campbell with supplies sufficient to start work, returning to Djevdjeli with a Serbian Captain who was returning to Nish.
SEPT. 16 TH. WORK GOING IN GOOD SHAPE IN DJEVDJELI.
Up early and got the auto ready to carry supplies around as we start work on the barracke todey. The berracke and hotels were fumigated tonight and we feel as if progress was being made.

Maleris is rife in this part of the country, several cases of malignant malaria being brought in from the outlying districte. It is impogesble to estimete the amount of malaria that exists, as the slight cases to the moderate cases are never brought in and receive no medioal attention.













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SEPT. $16 T \mathrm{H}$. AT DJEVDJELI.
yesterday at Doyran I met Dr. MoKee a University of Pennaylvania graduate, who was working for the Serbian Government on contract. He had attempted to get quinine to treat the malaria cases, but was unable to obtain any. In his searches for the medicine he made a trip to Salonika to obtain it but was unable to secure the slightest amount. I turned over to him a small amount that I had for my own use in case he should need it for himself. SEPT. 17 TH. A TRIP TO SKOPLJE POR SUPPLIES.

Another telegram from Dr. Caldrell stating that Dr. Snoddy mould take charge of the Fussian unit.

I took the one o'clock train for Skoplje and had dinner and supper on the dining car, the first one that I have seen in this part of the world. It has been put on at the request of the English and French Officers who are going back and forth to the Belgrade Front. The meals cost 6.20 and 6.50 dinars respectively.

On arriving at Skoplje I found thet a racoption was to be tendersd Dr. Jackson tonight, when he is to receive the Third Degres of the Decoratton of Saint Savar. SEPT. 18TH. AT SKOPLJE FOR SUPPLIES.

Stayod at Skoplje at the Amerikanski House laet night and today arranged with Mr. Bravo at the magazine for euprises to be sent to Djevajeli. Stayed at the storehouse tonight so that I can get up early and make the quarter of six train for Djevdjeli tomorrow morning.

SEPT. 18 TH. AT SKOPLJE.
As the Amerikanski, as the house that we use is celled, was full, Stewart, Bravo, Standifer and Dr. Gruver are also sleeping in the storehouse or magazine.

We at last locate a man who can develop and print our films and it is probable that we will keep him busy for some time to come, as all have many films wo be finished.

SEPT. 29TH, SKOPLJE TO DJEVDJELI.
Four of ue arose early this morning to get the $5: 45$ A. M. train to Djevdjeli. Laughlin, "Pop" Stendifer, Berger and I made up the party, and aa there ware just enuf for whist we played all the way down to the Greak Border. "Pop" and $I$ lost to the others 31-0.

We had dinner and breakfast in the dining car, that has been recently added to the train, and a very welcome addition it made to the $d x y$ and dusty journey.

We arrived in Djevdjeli at half past two and left at quarter to four for Doyran to deliver suphliss to the fellows in that oity. On arriving in Doyran, we had to go to the Doyran Station in Greece to Find Campbell and Harrington. Standifer, Berger and Crafts made the trip with me.

It was dark when we started back which made it a very hard and slow journey as we had only oil lamps, the search lights long ago having broken and there are no bulbs to be obtainad here. At times it wes oertainly ticklish as we skirted the narrow roads and mashouts especially along the mulberry forests thru thick swarme of flies and moths.


CAFE ON DOYRAN LAKE.


WAKING THREAD.


DOYRAN COMMANDANT AND HIS BODY GUARD.


AT DOYRAN.

L. To R:-

Dr. MC /Re
Mr. Campbell
Dr. Osborn.
verb Sanitary Commissioner.
Serb Commandant $r$.
Mr. Lauqhlin
Mr. Harrington.

SEPT. 19TH. DJEVDJELI TO DOYRAN.
It was seven orclock when our Ford arrived back in Djevajeli, and after a hearty dinner we turned in, a very tired party. We had planned to have dinner at noon in Doyran and Campbell had five chickens cooked for us to celebrate, but the plane went astray and we had cold chiokon over there instead.

Dr. Castellani slso received the decoration of the Third Degree of Saint Savar, for his servioes to Serbia during the summer.
SEPT. 2OTH. MALARIA EPIDEMIC III TAE MISSION SCHOOL AT SALONIKA.
When the train arrived from Skoplje today, Dr. Jackson and Dr. Gruver got off. Immediately Crafts was ordered to get his things together and take this train for Salonika, accompanying Dr. Cornelius, who was also on the train. A malaria outbreak had ocourred in the American Mission School in that oity and aid was asked of the Unit. The school was one managed by the Rev. Mr. House, whom we met in Salonika when we came thru last May.

We started pasting up the large tobacco warehouse hospital in Djevdjeli today in preparation for fumigating.

Dr. Jackson requested a trip to Doyran to inspect the work going on there, so we left at $3: 45$ P. N. for Doyran arriving there at 4:05 P. W. We had coffee and a talk with the Commandant in charge, Harrington and Campbell, and after a brief trip about town returned to Djevdjeli.

At night Dr. Jackson slept on his car in order to get thinge together as he Leaves tomorrow for the States. He


BEFORE REMODELING.

TABLET TO DR. DONNELLY.


DR. DONNELLY'S GRAVE.



SEP'T. 2OTH AT DJEVDJELI. DR. JACKSON LEAVES FOR U. S. then gave me a beautiful gold plated hypodermic syringe which I needed badly as I had broken mine.

I purchased Standifer's trunk today for one and a half Napoleons ( $\$ 6.29$ ) as I shall need it when I return to the States, and he intends to return in two mosks.

It is oustomary for asch man as he leaves for U. S. to give or dispose of his surplus stook to those who are staying, for it is hard to obtain any thing in this country.

Dr, Caldwell left Skoplje yestarday for Berlin, to make plans for the Russian Trip to Siberia and the Prison Camps there.

BEPT. 21ST. WE BID FAREWELL TO DR. JACKSON AT DEYENGA.
Mr. Taylor, DE Pena, Crafte and I accompanied Dr. Jackaon to Demenga, the Greek border tom where the Custom House ia, bidding him goodbye after getting his luggage safely transferred. It is not uncommon to lose luggage at this point, where it has to be transferred by porters from the Serbian Train to the Greek Train, so we ueually watoh it carefully or do it ourselves.

Tork was continued on the Large Tobacco warehouse Hospital. This is the one that $D x$. Donnelly had cherge of last wintex whon he died in fighting the typhus fever, dying of that dieease.

Te visited hio grave and it was in rather an unkoapt condition so that $M_{r}$. Standifer is to put it in firet class shape if we can obtain some cement.

BREAD FOR THE ARMY. NO CLEANLINESS.


THE MARKET PLACE.


A DAYS JOB, WINDING THE 5 YARD SASH.


SEPN. 22ND. HARRINGTON AND CAMPBELL IN TROUBLE AT DOYRAN.
Tord dame from Skoplje today thst Harrington and campbell were heving trouble at Doyran about thoir subsietence, and that the wilitary Authorities in Skoplje Fantod a full report on the matter.

I 22 so received a telogram from Doyran, which had ua all up in tha iir. It read, "tet me know when you will come to Doyran, today, tomorrom, or day after tomorrom, before noon or afternoon. Let me mow at once".
(Bigned) Americen Mission, Doyran.

I did not know what to make of 1 t, as we mera nearer to Doyran than Bkoplje, and if there ges trouble we should in all probability haar of it before Skoplje would. Howover, I immediately oranked up the Ford and sterted for Doyran, taking Laughlin with me to assist them in the work over there, at three could ifnish it much fanter than two.

On arriving, I found ovrything alright. Harrington and Campbell had simply changed bosrding houses as the Inn where they had boen stopping cherged six dirars daily, vith goffee, tea and room extra, which mee exorbitant. Othorg at the aame Inn were charged but four dinare for everything. It was evident thatisomeone mas making money out of the Amerions.

So they looked alaewhere and obtained a room in the Prefect's Euilding or City Holl, and had their meals in the Selegraph Puilding with the Commandant, reimburoing the Comnendent for their share of the expenees.

For dinner we hed a ifne ohicken pot pie, propared by Canpbell, and that it was enjoyod by the Comiandant goes without seying, It would be only necessery to see him eat.


THE TOBACCO WAREHOUSE HOSPITAL, DJEVDJELI. INSIDE.


A 3,000 POUND FUMIGATION:


MALARIA PATIENTS WILL NOT STAY IN BED.

SEPT. E3RD. RUMORS ARRIVE OF A GERMAN DRIVE INTO SERBIA. Dr. Gruver and Standifer took the train to Stopzje this noon. "Pop" Standifer has had trouble with his ears and is to have them tested. He is also going to try and find some cement to $f i x$ up Dr. Donnelly'e grave.

I sent for some more pots and pans for the warehouse 10 a big proposition to fumigate.

Rumore of Bulgeris'g perticipation in the war and that germany will make a drive down thru, continue, and it seems as if things were getting quite warm in this neighborhood.

Dr. Thompson of Cleveland came down frow $\overline{\mathrm{Fish}}$, and I secured his suitcase and other material that he had left here in a house where he stayed when he was in Djevdjeli, as he is leaving from salonika for U. S. in two days. SEPT. 24 TH . DR. CORNELIUS RETURNS PROM SALONIKA.

Up esrly and unloaded two cars from Skoplje, that Were loaded with sulphur, pots and pans and other supples.

Dr. Cornelius and Mr. Crafts returned from Salonika, the latter staying and the former returning to Skoplje. Mr. Crafts brought me some Red Cross Brassards thet he seoured at Salonika and 2180 Mr . Standiferts Trunk that I had bought.

A telegram from Harrington read that he needed more oil for oiling the lake, so I shall go over tomorrow. Pumors that Greece has mobilized arrived today and that ehe had taken over her merohant sh1ps for war purposes.


A BOMBARDED VILLAGE. DJEVDJELI. EXPLODING HANL GRENADES.

SEPT. S4TH, RUMORS OF WAR STILL IN THE AIR.
The S. S. Athinai that we came over from New York on has burned to the waters edge according to a newspaper clipping. Hay she rest in peace.

Hore rumore arrive todey of German attauke and Bulgarian pertioipation in the wax.
SEPT. 25Th. A ONE AND A EALF TON FUMIGATTOH!
Lest night we fumigated the Tobacco warehouse Hospital Building and it made quite a sxuage, three thousand pounds of sulphur being used.

I took supplies over to Doyran, isaving at $10: 20 \mathrm{~A} . \mathbb{H}_{\text {. }}$ arriving there et $12: 45 \mathrm{~A}$. $\mathbb{M}$. The Nish Kedical Delegate alao accompanied me on the trip. I brought back Dr. MoKee leaving at $3: 50$ and arriving in ${ }^{\text {n Djev" }}$ at $4: 57$ P. M. making very good time as there were no ox carta or donkeys in the way.

At Doyran, I took piotures of some hand Grenades, that the Captain threw for us as a demonstration, showing how they explode ten seconds after boing started by striking the plunger with a rook, which otarts the fuse burning.

Prices are high, matches being the equivalent of fifteen conte for a box of sixty; eugar twenty five oents a pound; butter is unobtainable, cigarettes unobtainable; candles, five eents apiece for the omall size.

It is rumored that iffteen thousand Greek Troops are on the Greek Border to proteot Serbia.

To bed early after a hot tiresome day.

INTERIOR OF HOSPTTAL.


FUMIGATING HOSPITAL


GASOLINE DRUMS USED FOR


BOILING WATER BY DR. DONNELY

SEPP. S6TH. SUNDAY AND WAR RUMORS.
The Skoplje train arrived seven and one helf hours late, bringing Standifer and Tom the interpreter. The 2est train to leave Belgrade, left yesterday and Dr. Ryan Leaves with his Unit on Friday.

On October second, Bulgaria is to announce on which side she wil2 ifght and if not, Serbis and Greece wil2 force her to, $B$, the Allies are going to attack Conetantinople from the land side, vis Dulgaria. 250,000 French Troops are to proteot the Balonika to Skopljo Railway by Ootober First.

It is aiso rumored that Greece hes 60,000 troope on the frontier near Doyran.

Mr. Standifer brought the Boaton Papers for Auguet 22, 22 and Sept. 2nd, which were very weloome.

SEPT, 27 THF DISIBFROTYMO THE HOCPITATG.
Mork is atill going on cleaning up the hospitals and also started on the Contagione Hospital that mas used last winter for the cholera patients, when they had eighty seven deaths from that disease.

Mr. Taylor and De Pens Left today for Skoplje. Mr. Crefts will leave tomorrow for Skoplje, carrying out the orders received from $D r$. Gruver who is now in charge.

I shall go over to Doyran and bring baci Laughlin to work here tonorrow, 3 I shall only have $\mathbb{K}_{r}$. Standifer left.

I obtained the necessary pasees for Kr. maylor and De Pena to go to Skoplje. Pass fules are now getting strictez。

SEFT. 28TH. WE LOSE OUR REGULAR SOLDIERS FOR MORKMAII.
Dievajeli is the Serbian Guetom Fouse for trains coming from and going to Creece. There are two passenger traine deily. The 22180 P. M. to Skoplje, Nish and Belgrade and the 2:20 P. M. for Eaionika.

Crafts went to Ekoplje today and I went to Doyren, taking mail to the fellowe and wine to the Commandant as he hes been very kind. Laughlin returned with me.

I an beving meny punctures now that there is a ahifting of troope due to the beginning of the Fall Campeign. The nalls in the soldiere ${ }^{t}$ shoes littering the road after they heve marched over it.

This morning our regular squad of aoldiers did not exrive as they had to go to the front, for preparations are being made for the Fall Sampign.

Fifteen old reprobetee came later in their atead, but it was practically impoesible to make them understand whet we wiehed ther to do, in the line of pumping and apraying. It was again necesas.ry to etart all over and educate the new orond.

Dr, Lurie passed thru on hie way to Salonske and Dr. Mokee arrived here and will go to Doyren tomorrow.

One death today in Doyran from Malaria, no quinine being available.

DOYRAN. AT PREFECTS OFFICE

$L$ to Ri-
Dr. MKee, G. Campbell, Serb Sanitary Inspector, Doyran Commandant, J. Harrington, S. Os born, G. Laughlin.


Gendarme
Bodyguard of Doyran Commandant. Note hand grenade on Commandant.

SEPT. 29TH. TO DOYRAN AND GOT STRANDED ON RETURN TRIP.
Arranged for phinotesing the First Feserve Hospital and a suitable gravestone for Dr. Donnelly.

I started for Doyran at $9: 30 \mathrm{~A}$. W. With Dr. Weree and a bath tub, as he ie to stay in that city all winter and there are no bathing facilities there in winter. On arriving I mede a trip to the Greek Doyran with Campbell and the Commandant and started the return trip at $1: 45 \mathrm{P}$. M. With the Mish Customs Officer. The engine พas running bedly, the gasoline evidently not ruming Well. The reeult was that I got stalled near the white maple grove just south of Bagdanske at ten minutes of three. Tinkering dic not help it any, so I sent word to Bagdansika for kelp by the customs officer, asking for horess, oxen or anything to start it with. I also asked that word be sent to Djevdjeli of my predicament.

The trouble was in the gasoline feed, but I had no Wirs with we for cleaning it, and this vas the Ford without a Tool Kit. Finally at 9:30 P. M. horses arrived and I started for "Djev" behind the horses, a man on one and a boy on the other. Juat outaide of Bagdanska I heard a howling mob coming and Chinn, Laughlin and Fox arrived singing songs.

They had tools and ropdired the trouble. It was looated in the foed pipe, it having become ologged with dirt. Thay mould have startad earlier for the rescue, but could not find any nan brave enough to drive over the plain at right as they feared the Bulgarian Comitadjas or irregular soldiers, and we ware within five miles of Bulgaria. Ne arrived homs at $12: 20 \mathrm{~A}$, 1 , on the 30 th.

CLEANING UP THE FIRST RESERVE HOSPITAL, DJEVDJELI.


SHOWING LACK OF WINDOWS.


EIIPTYING STRAT OUT OF STRAW BED TICKS AND BURNING TO KILW VERMIN. SACKS THEN STERILIZED.

SEPT. 30TH.
When I arrived here this moming at 12:10 I found that Mr. Stuart had arrived with hie wife and he wanted to go to Doyran to look over the Feter oupply of the town.

This moming on arising I found that the auto had a puncture and RB I had no patchse we were unable to make the trip.

O1led and awept the large hoapital, which completea it and also started mork on Dr. Donnelly's grave, the oemont having arrived.

Stuart and I. looked over the question of a water supply for Djevdjell and we found thet probelbly all of the welle were badly polluted, and no supply in eifht that can be handled eas11y.
00T. 28T.
Shipped the aulphur pots and pens back to Skoplje the fumigating is completed hers. Unlooded a shipment of pumps and other materisl.

Startad work on the Megazine Hoepital, omptying the straw, burlap mattreas sacka, burning the etraw and aterilizing tha sacks. While burning thie ptran Te had a rather ozoiting time, a number of olipa of cartriagea exploding; these having been placed in the mattress by wounded soldiers and forgotton when the golelier died,

It is interasting to see the Serbian Soldiers receive their letters. Thoae who cannot read have the Letters read to then by theis morg fortunsta oomrades Who undarstand the written words, snd all gather around and liston.

OCT. SND. AT DJEVDJELI. WORK FINISHED AT DOYRAN.
Laughiin arrived from Skoplje bringing an inner tube for the auto, and the nut that had been lost. On his arrival I ment to Doyran to bring back the material from that place as the work was finished yesterday. On my srrival af Doyran I found that Herrington and Campbell had gone to the Doyran F. R. Station in Greece, so I packed up the pots, pans and other material and brought them back to Djevdjeli as it was impossible to bring the fellows also with the load that I had. Also had a talk with Dr. Mokee and made arrangements for the morrow so that no time would be lost on my arrival.

Left Djevdjeli at 3:20 P. M. arrived at Doyran at 4:25 and back to "Djev" at 5:40 P. M.

Most of today celebrated by getting a hair cut, shave and shampoo at "John's Fathers Shop" on the Main Street. Only one bad objection over here to the shops and that is cold water is universally used for shaving.

Clesned up the Magazine Hospital, the Second Reserve Bolnitza, in the city.

Train from Skopljo to Salonica and alao the train from Salonica to Skoplje were on time today. It must be a result of the French Control of things that is gradually being installed.

The road to Doyran is now better than ever, the washouts having been repaired. It is a rather pretty trip thru mulberry groves and cotton fielda, the latter growing only a foot high on the average and rarely to two feet.

68, 10 .

OCT. 3RD. WE LEAVE DOYRAN.
Another Sunday and I went over to Doyran and had a last dinner with Dr . MoKee and the Commandant, and brought back Harrington and Campbell to Djevdjeli with me. Dr. MoKee's contract with the Serbian Government reguires him to remain there until November 20th, at least. OCT. $4 T H$. TO SKOPLJE. AN INTERESTING TRIP.

The Magazine Hospital was inished today and work started on the small Firet peserve Hospital or Bolnitza.

I left for Skoplje with Laughlin, having dinner and supper on the train. We were joined by Mr. I. Campbell formerly administrator of the Lady Paget Hospital.

It was an interesting trip. Due to the fact that 011 is at a premium, oandles in large brass candle stick holders were placed on each table., shedding a fliokering light full of vague shadows.

A mixture of tongues filled the oar, for there were French, Ruseian and English nurses on board and the Frenoh, English, Russian, Greek, Serbian, German and many Slav Variations were spoken.

It was a weird trip, as we started up the grade to the plateau, the engines, for there were two, spouting sparks in beautiful showers, due to the soft and poor quality of 0021 used.

The railroad is a single track line, with many turnouts along the way, which are being inoreased in number and length at the present time, but work progresses slowly in this country.

Mr. Campbell told us of his experiences with Zeppelins

OCT. 4TH. FRENCH AND ENGLISH AT SALONIKA. A LONDON RAID.
The meals on the dining car are the best to be obtained in this country, and cost in the neighborhood of seven dinare or one dollar at the rate that a dinar is at the present time. Chocolate moussé pudding tonight was served and we felt that we were back in Boaton, it was so good.

It is stated that 80,000 French and $\mathbb{F}^{n g l i s h}$ soldiers are to land soon at Salonika, and will be distributad along the railroad to Nish to guard it against attacks.

At groplje te hear thet areoplenes bombarded Niah, and they are thought to have come from Bulgaria. Also four flem over Doyran to Djevdjeli but did not drop any bomba at the latter place, thought two were dropped at Doyran. Three people were killed in Nish.

Mr. Campbell told of a Zoppelin raid in London, when bombs \#rere dropped in the heart of the meroantile district, dropping on the omnibuses and subway stations, but as far as he knew had not destroyed anything of a military character.

Dr. Caldwell haa not yet arrived baok from Berlin Where he went to make arrangements for the Rusaian prison Camps with the German Authorities and permission. He is expected back on the seventh of the month.

I am raiting in Skoplje to get some money so that I can pay our landlady for board at Djevdjeli what our Unit owes for mesls. It looks ike a long wait as it is long over due.

A Soottish Unit of Nurses passed thru here tonight on their way to $\mathbb{N} i$ ah and Kragovatz. The latter place is

OOT. ATH. IN SKOPLJE.
the big Serbian Depot for Munitions, and is connected With the Nish-belgrade Railroad by a Narrow gauge Line.

There seems to be trouble in the air for the French Areoplane Corpa at Belgrade have witharam thirty miles south of that oity, so as to avoid being out off. There are rumored to be 220,000 German soldiers, not Austrians, across the Danube from Belgrade in the oity of Semin. The Serbian Army is weak at the Austrian Front now, for, it has been withdrawn and concentrated east of Nioh to protect that oity, which is the Capitol of Serbia now, from the Bulgarian Army which is threatening Serbia.

However Serbia is likely to be saved from Bulgaria, as the Bulgarian Church fevors Serbis, but the Bulgarian Army is Pro-German.

I sent a soldier to $17 i$ ish for nome benzine as they call io here, (gasoline) and told him not to dere to return without 1t. He arrived baok this morning on a freight train before I left Djevdjeli, with 100 kilos . of benzine. I felt like giving him a gold medal I was so glad to have a Serbian do what I told him to, without any" reductions."

Normally a Dinar is a Franc, and worh 19.3 cente.
At present one Franc is worth 28.5 dinars
The money System is interesting:

$$
\begin{aligned}
& \text { A para is one fifth of a cent. } \\
& 5 \text { para }=1 \text { mariash }=1 \text { oent } . \\
& 20 \text { para }=1 \text { grosch }=4 \text { oents } . \\
& 100 \text { para }=1 \text { dinar }=20 \text { oents. }(\$ 0.193) \\
& 10 \text { dinara }=1 \text { Banka }=3 \text { dollars. }
\end{aligned}
$$



HIT BY AREOPLANE BOMB.


TOBACCO CURING.

THE SHOE STORE.


OCT. 4TH. IN SKOPLJE. OUR UNIT LEAVES KONASTIR.
At nine o'clook tonight Col. Gayle, Dr. Sohmidt and Hazelhurst arrived from Monastir after an eight hour trip in the Ford. It was the first time that I had seen them since I left Salonika in June.

All turned in at nine thirty.
OCT. 5TH. COLLECTED SUPPLIES FOR DJEVDJELI.
Spent today gathering supplies for Skoplje and making arrangements to have them sent down tomorrow so that they will be there on my arrival. It is largely a problem of oiling in that oity now and putting the finishing touches on whet we have done the past month.
OCT. GTH. A TRIP TO BARDARVATE, AN AUSTRIAN PRISON CAMP. Remained in Skoplje today hoping that Dr. Caldwell would arrive with the expense money.

In the afiernoon I went out to Bardarvatz, where Austrian Prisoners are interned. They are very well treated in comparison with the Serbian Soldiers, altho to our standazd of living it would be hardship. It is thres miles out of Skoplje on the Tetova Road and consistsof a compound of about ten acres surrounded by a stonewall, fifteen feet high.

Three years ago; when Turkey ruled Macedonia, it was the home of the Turkish Governor for this district. The compound is divided in halves by a wall similar to the outside one, and a large house is built in each half, conneoted together by a bridge between the ssoond floor of each house. The bridge ran into s"guerd house", which was between the other tro. On the walls of one of these houses were painted, scenes of the Dardanelles and Conetantinople.

## AUSTRIAN PRISON CAIMP



AT BARDAVATZ.

BATTERY OF BATH TUBS AT


AUSTRIAN PRISON CAMP, BARDAT:-

OCT. ETH. THE AUSTRIAN PRISONERS AT BARDARVATZ.
Kitchens, stables, and houees for the attendants were placed around the onclosures against the walls, ohiefly in the outer or firet half of the compound.

In arriving after snnouncing ones presence by knocking at the gate, a huge affair, ons enters at the side into the first half of the compound. Entrance to the second half is obtained by a large gateway from the first half and not from the outside. The innor half was used for the harem and their attendants accoraing to the history of the place. A small door led from the second half outside to a little garden.

The whole of this enclosure has been fumigated during the past fer deys, disinfeoted and iresh straw supplied the Austrians for their straw sack mattressea. The priaoners have been washed, their olothing steam sterilized and they have beon vaocinated with tetra-veocine, againet typhoid, cholera, paratyphoid "A" and "B". There are 410 Austrians kept here at the present time.

A ditch ran winding thru the compound for washing and sanitary purposes but was not controlled at any part in a aanitary way until the Americans in charge regulated all but a small section of the outlet for washing purposes and mall part of the latter for sewage.

As it was impossible to wash these prisoners at the steam bath train at the railroad we carried out here a "battery" of twelve bath tubs and washed them in this way, putting them thru rather quickiy in lote of twelve.

Dr. Plotz is atill in Belgrade, but his co-morker Dr. Bsehr arrived in Skoplje yesterday.

VIEWS SHOWING A SERBIAN DETACHMENT REPULSING BULGAR COMITADJA RAID. (Irregular Bulgar Soldiers)


OCT. 7TH. BACK TO DJEVDJELI. A BULGARIAN ALARM!
As Dr. Caldwell had not arrived I came back to "Djev" and found everything in an uproar.

At two o'clock this morning, all the soldiers left town including the "straja" (guard) at our quarters, for the Bulgarian Border to the north of Doyran and near Strumnitza, at the latter place being a long steel bridge a critical point on the railroad and only about seven miles from Bulgaria.

As a result there were no soldiers to carry on our work, which was at a standstill. I visited the Prefect, Obstina and the Hoapital and arranged to get men for tomorrow.

OCT. BTH, SANITARY MORK IN PREPARATION FOR THE FRENOH TROOPS. Resumed work on the Hospital as our men a motley orew arrived this morning for work.

Yesterday the authorities told me that all the care on the sidinge here were to be sent to salonika forthwith to bring up the English and Frenoh Troops. These cars had been colleoting for days and were of evxy kind and description and very dirty with animal offal. As the cars were to be sent dom on the ninth of the month it meant haste, and the job was one mainly of disinfecting and oleaning. A telegram to Skoplje yesterday afternoon for all the knapsack pumps and hand sprayers they could send me onabled $\mathrm{ur}_{\mathrm{r}}$. Bravo to ship them down so they got here today at noon.

During the morning, the gang had gone thru the oars With shovels scraping the floors of the oars so that in the

OCT. STH. SANITARY WORK ON CARS.
afternoon when the spray pumps exrived the whole gang worked with the pumps and oompleted the cleansing and disinfecting of 250 ireight cars. It was a long wet job for a rainy day, as we worked in a downpour and steamy rain coats all of the time.

It is rumored that 2,000 Inglish and 5,000 French as Troops are to be quartered in "Djev".

Kragovatz has been again bombarded by areoplanee and a few killed.

Orders came late tonight not to send the freight oars to Salonika and we are wondering what has happened. We hear that Venzelos is back in power in spite of his resignation on the seventh, at whioh time the Greek Cabinet reaignad.

OCT. QTH. TO SKOPLJE FOR CONFERENCE. I STAY SIX MONTHS MORE.
A telegram arrived this morning as $I$ was on my way to breakfast, giving me orders to come to skoplje for a conference.

I had a few suppliee that I had colleoted for Dr. MoKee in Doyran, so I cranked up the Ford and want to Doyran with them this morning and got the noon train for Skoplje, arriving there in due time, passing Dr. Caldwell on the way.

In Skoplje I met Stuart and ind that he is to be.in charge for the next six monthe and I was invited to stay, which offer I immediately accepted.

To bed late and I leave tomorrow morning for "Djev".

OCT. 20TH. PREPARING TO LEAVE DJEVDJELI. LEAVING FOR U. 8.
Up early to get the train dom but it was late and did not leave until 10:45 A. M. Mr. Taylor, Bravo, Dr. Lurie and Mr and Mrs. Hazelhurst accompanied me on the wey down, they continuing on to the $U$. S.

Arriving at Djevdjeli I went up and got Fox so that ho could bid the orowd goodbye, as he too is staying for the winter.

On the way down we passed Herrington, Campbell and Standifer on the way to Skoplje, Dr. Caldwell having ordered them up yeaterday when he went thru. They will make preparations to return and come down on the train to Skoplje on the 12th, on the way home to U. S. or perhape with Dr. Caldwell to Fussia or Germany.
OOT. 21 TH. AT "DJEV". TO DOYRAN WITH PAPERS FOR DR, MCKEE.
Today I took papers over to Doyran, taking the new Commandant, the Puesian Doctor and the Chief of the station.

In the afternoon we loaded the material remeining on a freight car to ship to Skoplje as we are going to try and bring the auto over the roads to Skoplje. Fox will accompany me on the trip.
OCT. 12TH. TO VALLANDEVO AND STRUINITZA.
Fox and I breakfested early, starting for Skoplje at 6;50 A. M. making the Strumnitza Road at Lake Doyran at 7:50 A. M. and arrived in Strumnitza via Vallandevo at 8:55 A. M. Where we learned that there was no road to any other part of Serbia. This ended the auto trip.


STRUMNITZA TO SKOPLJE. NO ROAD FOR AUTO EXCEPT THIS.

BULGAR RAID NIPED OUT TWO


SERB COIUPANIES.STRUMNITZA.

OCT. 13TH. DJEVDJELI TO SKOPLJE BY AUTO AND TRAIN.
We thon loaded the Ford on a flat oar and maited until 1:30 P. M. when the Salonica train arrived. Our flat oar could not be placed on the train as it had as many cars to haul up the grade to Skoplje that it could.

So Fox and I put our baggage in the green oar with Niok, our private car, which Dr. Caldwell had gone down in, and we raturned to Skoplje in this may, the auto coming up on the five orolook train at aight.

We passed Zarrington, Canpbell and De pena who were on the way to Salonica and U . S. unless they go to Germany with Dr. Caldvel. .

As we went from Vallandevo to Strumitza wo passed continual lines of trenches and fortified hills and roadways, the road ruming direotly thru the wire entangiements.

OCT. 13TH, BELGRADE CAPTURED! OUR AUSULANCE UNIT AT FRONT!
The new arrangement was planed in regard to the work for the winter. Serbia was divided into two Health Districts, Dr. Mendelson having the eastern aection and I the weatern section of Serbia. He will heve Skoplje as his large ofty and I shall heve Honatir.

Today the cermans and Austrians eaptured Belgrade, over 10,000 shelle being firad into the oity. The situation looks as if they meant to come down thru. It is rumored that Dr. Byan was mounded and the hospital deatroyed. Laughlin, oage and Buok are at the front 71 th autos \#2, \#20 and \#9.

Bulgarian Rumors are vague and indefinite but very threatening. Everyone is on edge.

OCT. 23TH. OUR FIELD HOSPITAL OFF FOR THE FRONT.
The Frenoh and English are reported to be at Strumnitza Station, preparing to invade Bulgaria and cut off that projection that Bulgaria makes into Serbia at this point, constantly threatening the railroad bridge.

Laughin arrived from Nish but leaves again with Stuart and Dr. Kendelson for the Mish Front to start a Field Hospital, taking the U. S. Army Surgical Outfit that we had with our unit. It will probably be turned over to the English or French to run as soon as it is eatablished and Bates, Buck and Laughiin will be left to run ambulances for the hospitel.
OOT. 14TH. FICHTING TO THE NORTH, EAST, AND SOUTH!!
Today the aix was filled with all aorte of rumors, but it is definitely settied that the French and English are fighting the Bulgarians at Struanitza and that engagements are taking place at Perot, east of Wiah with the Bulgarians, Bombs were dropped in Mish and an exodus is taking place evry one leaving, even the Government preparing to laave, and make the oapitol at Prishtina or MitroVitza, as the case may be in the necessity. Many wounded are arriving at Skoplje.
OCT. 25 TH . HUYDREDS OF NOUNDED ARRIVE.
This morning 410 mounded arrived $f$ rom $\mathbb{N i s h}$ and we had two autos \#4 and \#5 working carrying the wounded up to the Ledy Paget Hospital and the "Grad".

Rumors asy that the French and Inglish are progressing well in the south and the Serbes in the north against the Bulgarians. The Austrians and Germans however appear to be coming down thru.

OCT. 25TH. WOUNDED STILL ARRIVE.
Tonight 56 more wounded arrived at nine o'olock
from the Strumnitza region.
Borger has announced his wedding to take place on Sunday the 27 th.

OCT. 1STH. FNGLISY WOUNDED ARRIVE. FIVE TRANSPORTS SUNK!
Again it is raining the third day of it. The Serbians say thet it will help them in the fighting and hinder the Austrians at Belgrade.

Fighting is continving at Strumitza and wounded English Bluejackets arrive from the front. They informed us that five Frenoh pransports had been aunz near Salonika that were bringing troops to fight for Serbia.

Fox and I todsy fixed up a room in the house where We will atay during the winter monthe.

The mud is terrible, londs and loeds of it, and the autos slide around, cheins helping but to s elight degree, It in $s 0$ deep, and the large puddlea are but slimy ooze, especially the rosd to the Lady Paget Hospital.

Tonight the aftuation is more than oritical, for rumors say that Bulgarian Reids havs osptured the town of Vrania, about 50 kilos, north of Sroplje on the Mish Railroad, so that troops eannot go north to Nish to aid, or come south to rid thoee here. No definite naws arrived from the Nish or Strumnitra fronts.

OC?. 17TH. MF. BERGER'S TEDNING. PEOPLE LEAVING THE CITY. The war looke serious for Serbie, many Bulgerian Raiding perties attacking the reilroad from Nish to Salonika, and the iine is definately cut and destroyed at Vrania, to the north of us.

OOT. I7TH. SUNDAY. EXODUS FROM SKOPLJE. MRR. BERGER'S WEDDING.
This morning at 8:30 A. M. Fox, Tripcevich and I wont to Henry Berger's wedding, he marrying Miss Nathalie Duroco, a pretty Serbian Girl. The marriage ceremony took place in the little Serb Church with the wood carvinge of biblical scenes, near the fort on the hill. Fox aoted as best man.

The Priest opened the eservice from a platform in front of the altar, stending in the doorway of the altar room, facing Berger and"Frau" on the floor below accompanied by Fox and Chetansky, the latter being "maid of honorn, standing bohind the two principals.

Tox and Chetansky then lit two candzes each, and gave them shortly to Berger and his wife to be. The ceremony then began with the four candzes lit,

After a period of ohanting and singing, the candles were given baok to FCI and Chietanaky, amid the swinging of inconse pots, the priest got the rings and three times touched Berger, ${ }^{\text {g head and right and left breast with each }}$ ring and then the same with Miss Durocco, then putting the ring on Berger's finger and the same proseaure was carried out with Miss Durooco.

There followed a chanting and an interchanging of rings fron Berger'e fifth or littie finger to her ring finger, and the same from the "maid" to Borger's fingere and finally Wiss. Durocco had the ring on her fourth finger and Berger on his, esch then becoming married. Each kissed the others ring.

The Priest now lad a maroh out into the body of the Church. By this time the Priest was also perspiring and Fox and I did not dare to look at each other.

The procession finslly came to rest in the body of the Church, where the Priest geve a long talk from a book, and finally asked them if gach osred for the other and would accept the other. At this point perger unawe to understand, shrugged his shoulders, but inslly answered "prume" (I accept). Then follorod more chenting and singing and e placing of a silpex crom on each of their heads and exchanging them three times by the Priest, at the ond whioh, each Kisesd the othar. Now they olasped their right hands and a oloth wes plaoed over them.

The Priest lod them around the table three times, at each quarter, stopping and swinging the inoense pot twice at them.

Chanting followed and each had three sipa from a Bilver cup containing wine, A short period of chanting and the garvice was over.

Then 8.11 tho were present ahook hands and had a aip of wine from the silver oup that mas used in the ceremony.

Fox and $T$ then went to the house and ptepared material for our vaccine work.

After dinner we learned that not only Vrania, but Kreva Palanka had bean aaptured by the Bulgeriane, Gune are still mountad on the high land about the Lady paget Hosp1tal. Nem fed Cross Tlags are flying from all of the buildinge at the hoanital, where lut one flot before.

OCT. 17TH. SERBS ANNOUNOE SKOPLJE CAN BE HELD ONLY 48 HOURS.
Gensral Popovich, the Comandant in oharge here, has announced that forty aight hours more is the longest perfod that the Bulgarians oan be kept, out of Skoplje.

I vant to the Lady Paget Hospital this afternoon and paid Dr. Cornelius the amount due him. He is now conneoted With the Lady Pagat Hoapital. I was requested to help in moving baggage from the Hospital to the station, as the nurges are to be moved at once to Prishtina, there the hospital is to ba moved in caas it looks certain that Stropije \#ili be cantured. We morked ITou flve o,0200k until ten $0^{\prime}$ clock at night transferring this baggage. Fox and I worked st it, he having auto ${ }^{2} 5$ and I used $H_{4}$.

We had dirnar at the hogpital. Wo loot a ohain irom one of the cara, a loas wo cannot replaca. Mr. CoozTaylor had ohergo of the luggago at the station.

On our retum trips we carried wounded from the station to the hoapital who wore vounded in the fighting at the Strumitza Front.

Bulgaria as far as we know has not declared war, but after she atarted ifghting, Fingland, France and Pusaia declared war on her.

To bed at $2: 30 \mathrm{~A}$. H . on the 28TH.
${ }^{O C T}$. $28 T H$. REFUGEE TRAIMS ARRIVE FROM KUMAMOVA. STIP CAPTURED.
Rumors have arrived of a strong Bulgarian Force to the east of Kumenova, which makes the prediosment of Skoplje serious. Stip hss been captured and refuges trains are arriving inom Kumanova daily, this being the farthest point to which the traine are running north now. The oars are losded with peopla bringing littlo or nothing with them.

OCT. 28TH. DRS. HANKY AND PACKETT ARRIVE FROM KREVA PALANKA. REFUGEE TRAINS RUNNING TO FERIZOVICH AND PRISHTINA. GEN. POPOVICH TRANSFERRED FOR HIS STATEMENTS.

Dra. Hanky, Paokett and a French Dootor arrived today on one of the refugee trains from Kunanova. All were in the amploy of the Serbian Government. Dr. Henky had to Traik sixty kilometers from Kreva palanke to Kumanova as he could obtain no horse. They could not laave until the last moment as the Serbian officisie would not give them the necesesry permits and orciers.

We fitted them out in a roomy cot at the magazine, obtaining blanketa for them for the night.

Pumors and more rumors. the Fronch are apparentiy at Strumnitza but have not yat arrived in velice, and the Bulgariann are but fifteen kilos. from the latter place, with but a small forse of Serbians stationed thers.

Oeneral Poporioh was removod today and another general placed in charge, due so the rumora go, to his pregerations for evacuntion of the city mether then meking a stand.

Rofugee trains are zunning to Ferizovioil and Prishtina toward Montenegro, a0 fast as the four or five locomotives can go and return.

Bull carte and fiacres are prioelesa ond unobtainable at any prioe, and there are many calls for our autos, The confusion is indesoribeble.

Ono large party was geen pwshing a large five foot squere box dovz the main street to the railroad otation, end over and.

At the Feilrosd Station are piles and piles of clothes, hospitel material, stexilizers and other material, in the rein mafting to be shipped.

OCT. 18TH. EXODUS FROM SKOPLJE. (USKUB). REFUGEES SLEEP IN RAIN AT PRISHTINA. CONTINUAL RAIN MAKES CONDITTIONS WRETCHED.

We have now had rain for over a week and the continual rain has made a quagmire of all the streets. It is impossible to take photographs on account of the fog and rainy weather.

All men up to 55 years of age have been ordered to arms and are standing guard in the streets, taking the place of the usual gendarmery who act as police.

Today we had a new look and keys placed on the house we are uaing, the Austrian Vice Consul is, so that all of the fellows can have a key this winter.

News arrived that the refugees at Ferizovich and Prishtina are sleeping out in the rain, there being no cover for them as those town are overflowing with people who have poured in ahead of the advanoing Bulgarian Troops. I have decided to send up some supplies in order to assiat them for the time being,

I obtained $1,000 \mathrm{kilos}$, of gasoline and made arrangements for railroad cars to carry our supplies to Prishtina and Ferizovich tomorrow.

The situation here is very grave.
OCT. 19TH. TNENTY-TNO LARGE HOSPITAL TENTS TO PRISHTINA. RIFLE FIRING IN THE CITY!

This morning at $1: 45 \mathrm{~A}$. $\mathbb{M}$. we heard considerable rifle firing, due to the strajas seeing men near the army magazine. Much exoitment caused as a result.

This afternoon we packed tents on the flat oar, sending twenty-two large hospital tents for the refugees at Ferizovich and Prishtina. We also sent several hundred

OCT. 19TH. TENTS, KEROSENE AND AUTO TO PRISHTIINA FOR A REJUGEE CAITP.
gallons of kerosene, a very valuable article at the present time in this country.

I sent Gage and Bakeman to take charge of the camp, with $\mathbb{M r}$. Tripcevioh who would act as interpreter. The latter had acted as secretary for our unit up to the present, but due to the grave condition of affairs he did not aare to be captured by the Bulgarians.

Auto \#5 was shipped off also, so that the work would be easier accomplished as probably there would be no ox carts available at the cities for transporting the tents from the railroad line to the camp aite.

Gage and Bakeman slept on the cars that night to be sure that they mould go with the train and not get left. It was long after dark before we finished loading the oars by flickering oandle light.

It is rumored tonight that the Bulgarian Army is only fifteen kilos away, and the Serbian Division in the oity is leaving, removing papers, desks and other necassary material to the rallroad for transportation to Ferizovich. On learning this state of affairs, I went to the magazine and notified Drs. Hanky, Pacquet and the Franch Dootor, as I had promised to tell them when the Division Headquarters went and when it looked oertain that Skoplje was to be evacuated. Thay immediately packed up at midnight and left for the railroad station to take tha Iirat train that went to Ferizovich ox the Montenegran Frontier. On going to the station 1ster I found them on the same train with Bakeman, Gage and Tripoevich. Our flat cara were covered with baggage of every description deapite the fact that we thought they were loaded to the limit.

OCT. 19TH. WE ESTABLISH A REFUGEE CAIMP. EXODUS OF SKOPLJE. There was great excitement every where among the poor peasants who filled the railrosd cars to the limit, each having a small burlap or blanket bundle containing all their worldly possessions that they could bring on such a trip.

General Popovioh started a panio today by sending his wife away.

Berger and his wife left this morning for Salonika, and it turned out later that this mas the last train that got to Velice, a city to the south on the Skoplje-Salonika railway line.

Fox and I had deoided to take the autos, \#2, \#3, \#4 and \#8 and lesve Skoplje before the Bulgarians arrived and go to Monastir via metovo, but today we found that there were many resident Bulgarians in the eity who were desirous of forming a city council to take charge of the eity and prevent disorders between the time of the Serbian Evacuation and the Bulgarian arrival. As a result we decided to stay and assist them all we could and if possible prevent the city from being shelled. We made proliminary arrangements With the Bulgarian City Comittee to this effect.

At the request of Dr. Malthand of the Lady paget Hospital we made arrangements to move up there and remain during the oriais of the next few days and thus make the Hospital a more or less neutral in aspeot, as the Danish and Swiss Dootore and Nurses also are going to move up there,

Drs. Cornelius, Beehr and Plotz have deolded to remain at the Hospital also.

To bed at $3: 30 \mathrm{~A}$. M . on the 20TH.


THE MORGUE AT THE PAGET HOSPITAL.


SKOPLJE WATER STATION. ARTESIAN WELLS.


SOUTHERN GROUP OF PAGET HOSPITAL BUILDINGS.

OCT. BOTH. THE SERBIAN RETREAT, A PITIFUL SIGHT. IFE MOVE TO THE LADY PAGET HOSPITAL.

On a trip to the railroad station we found that the train with gage and Bakeman had not yet left, but it finally went at 9:30 A. M. They were pretty hungry and we obtained one loaf of bread for them for breakfast but were unable to obtain any eggs or other food at all.

Today we packed up, Fox and I, and move up to the Lady Paget Hospital in Room 3 of Block A.

I attempted to get Laughlin's money that he had deposited in a 200 l bank, but was unable to get it without his endorsement, not even the Serbian Prefeot being willing to assist us in obtaining it for him.

Lady paget has arrived and decided not to remove the hospital to Prishtina but to remain in the oity. As a result we had to bring up the baggage that we had taken to the station three days ago and on getting thru at noon, we had lunch of tea and crackers at the hospital at noon.

It has now rained for the past thirteen days and mud is evrywhere.

We moved up the wounded from the "Grad" Hospital to the Paget so that they would not be molested when the Bulgars arrive.

The retreating Serb Army hao been passing thru the Hospital grounde all day on their may to Kachineek in the north, which 18 sonth of Prishtins on the railroad line and a natural stronghoid. It is a pitiful sight to see the soldiers walking in the mud with but sandles of leather tied with string on their feet, with the ox wagons carrying shelle food and drawing artillery. Ocoasionally horses pass by,

OCT. BOTH. THE SERBIAN RETREAT FROM SKOPLJE.
but they are thin and worn out with the campaign and are poor apologies for a horse. I saw seven horses fall as I made trips to the hospital bringing up the wounded. Many wagons are abandoned along the road, broken down and no time for repairing them.

There is no formation to the marching army, the men sirpiy straggling on with the one exception, the 900 boye in the officers sohool marohed by singing anidst the rain and surrounding desolation. The fallen horses lay tonight where they fell during the day and are dying. Hany are shot and skinned, the soldiers taking the hide along for the leather.

Word hae arrived that the railroad from Skoplje to salonike has been out at Velice by the Bulgars. The train that Berger and his wife took was the last train to Salonika to get thru.
OCT. 218T. THE EXODUS CONTINUES, FIRING HEARD IN THE DISTANCE. SERBS BLOW UP THE AMIUNITION MAGAZINE.

We are now at the hospital. Up early and moved the wounded from the Bohemian-American Mission Hospital to the Paget Hospital. We brought pur supply of benzine(gasoline) up to the Paget Hospital as their supply is all gone.

During the day the English Ford Ambulance broke a wheel so we furnished them with a spare wheel from our supply. Gus, our Serb chauffeur and mechanio aaked to bo brought up to the hospital, so we made arrangemente for him to eat and sleep up here.

Trains continue to leave the station for Ferizovioh loaded with refugees and personal belongings and munitions.


LOADING SUPPLIES AT OUR STOREHOUSE. OUR FORD REPAIR SHOP.


THE MAGAZINE THE SERBS


DESTROYED.
BRINGING GEESE TO MARKET.

FLAG WADE BY AUSTRIANS ON


OCT. $32 S T$. FIRING HEARD! AMIUNITION MAGAZINE BLOWN UP! AUSTRIAN PRISONERS MAKE AMERICAIN FLAGS TO FLY FROM OUR STOREHOUSE AND AUTOS!

At noon, considerable firing occurred and the authorities believing that the Bulgarians had arrived set fire to the storehouse of ammunition and gasoline near the railroad station. It made a great uproar and was very spectacular from the Hospital. In the oity pieces of exploded shrapnel dropped continually around the autos as we made our trips but only a few of the town people were injured by the slying particles,

We raised the United States Flag over our storehouse and it certainly looked good side of the Red Crose Flag despite the iact that it was home made. The American Flag was made for us by the Austrian Priaoners a $\hat{\text { on }}$ the paget Hospital. Using my little silk Flag as a model, they sawed red flannel on a sheet, making thirteen stripes, used a blue shirt for the blue field in the corner and then sewed on some white stars.

Small flaga about two feet long were made in a similar way for the autos, two being made for each auto.

This afternoon Fox and I completed plans to go out With the Bulgarian oity Council to meet the Bulgarian Army that was advancing and ask for protection for the Hospital, Neutrals and if possible protect the oisy from a shelling. We started out et four $0, c l o c k$ and then the Council decided that it was too late and we will go out tomorrow,

Considerable ifring in tow and dead Turk were lying on many streets. They had been deatroying Serb stores.

Food up $100 \%$ in price. Forty dinars for one Napeleon, the exchange rate.

OCT. B2ND. SKOPLJE(USKUB) CAPTURED BY THE BULGARS!!! WE GET CAUGHT BETVEEN THE LINES IN THE BATTLE!

An early breakfast this morning as it is almost certain that thinge are going to happen today. We brought more suppliea up from the magazine, especially our fer remaining cans of benzine and kexosene.

Wo were also getting the last supplies of flour, sugar and other nagessary food from the hospitals that we were emptying and taking it to the Paget Hospital, where al2 of the neutral units are assembled now. On return trips we would take supplies of ether and ohloroform to the station loading up the last train, a medion train, that was to leave the oity, going to prishtina.

About eleven o'elook ag I was teking a load of supplies to the station for thia medical train, word came by one of the ambulanoes that the Bulgarians were outside of the eity. So I dumped the supplies in the road and went to the hospital and got Dr. Maitland and others, taking them to the Paget Hoapital.

Wo then prooeeded to caxry out the plan of meeting the Bulgarina Army. I was unable to Iind Fox, so Zaton and Tancock went with me, each of us driving a Ford. Eaton and Tancock were two of the Americans who came over in the Columbia Motor Unit that came over in August to drive autos et the Front. They remained behind when the othere went home. So we went into the oity and got nine of the Bulgarian City Council and started out to meet the Bulgar Army that was advanoing.

OCT. Z2ND. TE GET CAUGHT BETWE IN THE LINES AT THE BATTLE OF SKOPLJE.
We took the Kumanova Road, passing around the Poly Meset Hospital to the enst of the oity. Passing the hills with the Turkish Cemetery on the left, with the Serbian Trenches, which appeared empty we speeded up the Fords for the run, $2 i 4 t i e$ thinking that the trip was more then a joy ride, with but a spice of danger.

Previous to going out me hed been-informed that the Serbian Army would retreat without dafending the oity ao We felt more or less safe. About three miles out we saw soldiers approsching soross the fields, in a long line as far as we could see. At ifrst we thought them Serbs, but a few shots fired at ue proved them to be Bulgars. We had a white flag and an Amerioan Flag flying from each auto high above the roof.

When they ifred we stopped at once and the oity council went forward to meet the Bulgars, an officer coming forward from their Iines to meet the counoil. They met sbout 800 feet ahead of where me stopped and started to talk. At this point the Sarbs in the rear started to inre and the bullets began coming thiok and fast making funny noises, as, spis-s-s, epit, and plunk ae it struok the mud. The shrapnel exploded "orack" and one could hear it coming and passing overhead, shr-r-r-r, before exploding.

When the firing started, the three of us, jumped from the autos, not daring to go ahead or back, landing in a shallow ditoh, about eight inches deep along the road side the road running diagonally across the fighting lines. Bulleta wore now plucping in tba mud 321 around and as I lay, I counted six shrapnel exploding directly over

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OCT. R2ND. CAUGHT BETVEEN THE LINES AT THE BATTLE OF SKORLJT. the three Fords, back of which we lay and we could hear the bullets hitting the metal parts on the autos and then go whining off with a peculiar noise, charecteristio of of deflected bullets. One of the bullets went thru the water tank of the car that I had been driving and all cars vere more or less soratohed up.

We ramained in the difch for about three hours, trying all the time to reach a decent ditch of sufficient depth to shield us from the Serb bullets, but in vain.

The Bulgarian Line on reaciing us was a strange line of men to behold, a line of sweating, mud covered, dirty, unshaven Bulgars and we who did not know what might happen to us, were calling out, "Ya aam Amerikanski Tevreni Krest", (I am an American fed Cross).

Strange to say the firet words that I heard from a Bulgar Soldier were, "Hello Boys"! He had been in the United States in the mines as he told us, and was very anxious to Learn of Chicago, Butte and Great Falls. Others inquired about Alaska. It seemed that at least one in each hundred had been in the united states, and during the short time that they remained along the ditch with us we had a very interesting converation, hers and there the words being punctuated by shots at the Serbs who were firing from their trenches as fast as they could fire.

We jokingly told them to hurry up and drive the Serbs out, for they were drawing a heavy fire on us from the Serb Trenches which was very uncomfortable. At last the whistles blew and they went forward on a charge, which was but a ateady walk for the Serb defences. As soon as they started

OCT. SBND. THE BATTLE OF SKOPLJE. INSIDE THE BULGAR LINES. it was a signal for a terrifio fire from the Serbians who seemed to redouble their rifle and artillery fire, but the attack of the Bulgar was not to be pushed back and after about three quarterg of an hour, the Serbs retreated down the opposite side of the hill toward the Ledy Paget Hospital, as the Bulgare ascended, and the bullets ceased coming in our direction, al tho the firing continued in the distance. In retreating the Serbs passed thru the grounds of the Paget Hospital and received here and there bread as they went. wany had their wounds dressed, but refuaed to remain, so strong was their fear of the Bulgar born in their hearts from the crade.

We now got up and stretohed and had a look at the Fords. Strange to aay, two were in running order, al tho the water tank of one was punctured, the other however was hopelessly out of commission for the day, the radiator being smashed in. So we cranked up the two aerviceable machines and headed for the Bulgarian Headquarters, pioking up a wounded Bulgar Captain on the way with other officers and we soon arrived at the Bulgar Field Hospital.

Here we learned that the headquertere were far in the rear, 80 we turned over our papers to the officer in charge, our interpreter being a. Bulgar Doctor who could talk Rnglieh, and with two seriously wounded Bulgar officers, and three of the Bulgarian City Council that we started out with, we started back for the oity and the Peget Hospital.

We shortly arrived and the autos were covered with flowers, farns and roses as we passed thru o wildly cheering populace. (It is always best to oheer the victor in the

OOT. R2ND. SKOPLJIE CAPTURED BY THE BULGARS, FEELIMG UNDER FTRE, Belkans regardless of ones sympathies). All of the Turks were patrolling the oity with a rifie and a few had old swords from private cachbs and others from the Serbian dead, who already had been pilfered of their belongings.

We soon reached the hoapital and reported to the neutrals, Dr. Maitland and Lady Paget the result of our trip. After supper, we went in town with the Bulgar City Committee and they notified each distriot to patrol the streete and protect foreign property. It was ticklish business for we could hear etray shots thruout the oity, but we arrived safely back at midnight.

From whare we lay in the battle, we could see four batteries in action and two in resorve, the latter having eight horses to the gun, and they needed them, for the wheels sank a loot or more in the clayey ground and loam, splashing mud everywhere.

On retreating the Serbians burnt all of their hay, and as it was wet due to the constant drizzle thruout the day the emoke hung low all over the landscape.

The feeling under fire is far from what I had expected; it is not fear, but one of expectancy, of wondering what W111 happen next; will we advance or retreat or remain atill. Why do apparently the same kinds of builets make different sounds in the air for there are many varieties, some going by quicklg as if in a hurry, zip!, and others will lazily whine by. How high and how far away was that bullet or shell? And last but hard to answer is, where is that firing coming from? One wonders, which one of ue will get hit first, Tanoock, Eaton or myself.


UNLIMBERING A FIELD GUN. SERB ARTILLERY AT BATTLE OF SKOPLJE


WOUNDED ARRIVING IN OX CARES.


A FIRST LINE BULGAR SOLDIER.
A RESERVE BULGAR SOLDIER.

OCT. 23RD. BRINGING IN THE WOUNDED. WOUNDED CHILDREN.
We had brought in many wounded last night, but we kept at it thruout today. On arising I found my boots iree of mud, denoting that the Austrians were still working at the Hospital and had not deserted us. I had bought the high shoes of Harrington when he left and they are proving to be invaluable during this rainy weather and it still rains this morning.

In the moming on my trip to the battle field, I took Dr. Maitland and Lady Paget to the Gepond Reserve Hospital and back. I hed my car fixec having a piece of golder and a. strip of brass over the mater tank in the places thet it had been punctured. Many of the wounded had been brought in to the scoond peserve Hospital or Poly, Keset, as it was called by the Turks three years ago, so we emptied the hospitel taking thom up to the peget where the facilities were better for them.

Among the wounded that we found today were four children, all under five years of age and one seemed but a little over a year old.

No Serbian wounded have beon brought in from the field and it looks as if the Bulgars hed attended to that during the battle.

An Army Corps of 80,000 Bulgars was the atteoking force in yesterdsya battle. It has now rained dally for over two Weekr.

Food is gotting short and we are on rations and the helpings are amall with no eecond helpings.


THE FIRST RESERVE HOSPITAL.


A DRUM ANNOUNCES BULGAR ORDERS PUBLIC.


COSTUMES OF THE
NURSES AT LADY PAGET HOSPITA

BUTGAR WOUNSED ARRIV*


IN OX CARTS.

CLEANING UP THE


POLY MESET HOSPITAL.

OCT. A3RD. THE BULGARIANS TRIULPHAL ENTRY:
Today the Bulgarian Arny made ite triumphal entry, a band of forty pieces playing and a wreath of flowers is about the neck of each horss, while each soldier has a boquet of flowera in the end of his gun or in his hand. About two thousand were in the procession.

Of the six Fords we have, but three are in comission, \#1, 44, and \#8 of our unit bsing in service with $\# 3$ out on account of engine troubie, while both of the English oars are out for the time being.

On a trip to the Bulgar Field Hospital, I obtained a list of the wounded that had been treated there and was surprised at the small number, only 292 being trested. On inquiry it was learned that they were situated too far back and most of the wounded had gone direct to Skoplje after the battie.

Some are being transported by bullearts, other walked and we took as many as we could using our three cars all day, ploking them up as they are brought in from the fiselds and left by the roadaide for us. Tonight en Austrian Major oame in who was wounded yeaterday and he is a very pleasant man.

Hany of the wounded at the Poly Meaet Hospital have not had their dressings changed for four days and they are putrid with odors. We are redreseing them and sending them to the Paget Hospital ao fast as we can with our limited traneportetion facilities.

Now that we are aboelutely shut off from the outaide,

OCT. 23RD. SKOPLJE A BULGAR OITY.
we are beginning to wonder what will happen next in the line of excitement and when we shall hear of the outside world again.

Seattered firing was heard todey in the Turkish quarters and several dead Turks were lying by the wayside this morning.

Mr. Baker who arrived two days before Skoplje fell is a very interesting man. He was on the Gellipoli and tells of the landing and the salt marehes at Sulva Bay, that proved to be the undoing of the Allies at that point. OCT. 24TH. BULGAR CROTIN PRINOR ARRIVES, ARCHES OF VICTORY.

Up early and made a trip in town to get three oases of kerosene for the Hospital as their sterilizer in the Hospital is out of commission until it arrives.

Had a grand braakfast at the Pussian Consul's, Madame Strobolof's, down tom. The Ruseian Consulwas the only Allied Consul that remained.

All day, Bulgar Batteries, supply trains and troops passed thru town on their way north to the Kachineek Pass, at which point the Serbians are due to make a stubborn defense. The Field Hospital moved in today and went on to the front.

The younger Bulgar prince entered Skoplje today by the Koumanova Road in an auto, passing under the numerous arches of victory covered with flowers that had been erected along the road bordering the Vardar River. The procession was headed by a military band and cheering soldiers but the populace would not warm up to the occasion as they had expeoted to see Czar perdinand












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OCT. 34TH. BULGARS ANHEX LACEDONIA BY PROCLAMAYTON.
The Bulgara have posted notices annexing all yacedonia, inoluding Nish, Skoplje and the Vardar River Valley. Te have had no news at all since the arrival of the Bulgars.

Today six large touring oars arrived from Bulgaria, bringing generals, offioials and others. The Bulgar officerg are fine men and intelligent, but the soldiers are of a low alase and are poor peasants. Their artillery is in charge of Austrian offioers.

It is getting very cold, so todny pox and I went down to the magazine and got some. Warm clothes, pajamss, mufflere and other necesaities.

The Paget Hosplital is to be run as heretofore, ell of the Austrians being obliged to remain and work as they have in the past. All were lined up at the roll oall this afterpoon and notified of the plan and peveral ware slapped in the face by their own officers for murmuring a elight protest. In general all were glad to remain.
OOT. S5TH. A MACEDONIAN MASSACRE?
At last a day with an occasional glimpse of the sun, but the prospects of pleasant weather are still dim.

In the morning cleaned and olled up \#4. All of the autos had been recoiving constant use and no attention during the fighting and the daye following.

Took Mrs. Barlow and Madame Strobolof to the Poly
Meset Hospital and went to work emptying this hospital once more, as the wounded continue to trickle into town from the battle field of the aand.


LADY PEGET, DR BAEHR AND OTHERS AT THE MASSACRE?

OCT. 25TH. A MACEDONIAN MASSACRE?
In the afternoon Lady Paget and I made a trip to the Bulgarian Comrandant's, and later brought up four hundred loaves of bread for the hospital.

Then we started out to Bardarvatz, about three miles out on the Tetove Road and brought in part of the four hundred Austrian crippies that were there as war prisoners, or"creepers" as we called them for most of them had one or both lege missing. They were brought in to new quarters In tom that we oleaned up during the past two days, using Austrians for labor.

Fox and I went out 2190 with the Bulgerian Commandant and his staff to F 位 the remains of twenty four men whom the Bulgars told us had been massacred by the Sorbians. They had been dug up and some were still tied with ropes their arms being behind their beckg. Some had two and three bullet holes in their bodies. It later turned out that they were oivil prisoners of the Serbians who had been convicted for serious crimes and as they oould not be taken along when they retreated, they were shot and buried. The Bulgars called it a massacre and took noving pictures of the bodies, but Drs. Plotz, Baehr, Maitland and others dodged the camers so as not to lend any official bearing to the views. After it was all over the Bulgars aaked us for a verdiot, but we again renigged. Lady Paget, Dr. Sidoff, and Mr. Davis were also in the party.

Te then returned and brought up wounded from the Poly weset Hospitel. On one of my trips, altho I had four in the auto, there were by count, but four lege in the party.

OCT. 25\%A. WOUNDED STILL COMIMG FROM THE BATTLE. HORE TIGHTING.
Many of the wounded that we are bringing to the hospital, soon die of exposure, having lain on the battlefield since the aznd.

A heavy engagement was fought north of 3koplje on the road to Ferizovioh and Kachineek, which lasted three hours. Rifle firing was heard distinctly and the artillery was but two or three miles away, fo wounded arrived however and our attempt to go out mas fruetrated by the mud, it being so deep that we could make no headwey and with the help of several soldiers puehing, we just managed to turn around and orsml bsck to the hospital, after a trip of about three hundred yards.

COT. EETH. BARDARVATZ IS ELPTIED.
Today it is cloudy and a hard rain during the afternoon, and it seems like old times. The mud is terrible and I have worn out two paic of tire chains in the past two weeks, for it is necessary to have them on all of the time. I have now got to get busy and repair them.

We brought in the remaining "oreeporo" from Bardarvatz today and they felt glad to get in for no supplies had been sent out to them except a few loaves of bread that we took out, since the Serbians retreated.

We brought up more suppises irom the Second Reserve Hospital and also two onses of kerosene from our magazine for the atorilizara at the Pagat Hospital.

Hany wounded are coming in from yesterdays fight on the Kaohinaek Road to the north.

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\text { *Creeper }=\text { Ausinan with log missing. }
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OCT. 26TH. A BATTLE TO THE NORTH. NENS FROM THE FRONTS.
Artillery firing was heard the greater part of the day to the north near Kachineek and it is ovident that the Serbians are putting up a stiff ifight at that point.

Only five badly wounded cases arrived today from the iront. We hear that Nish is being besieged, but we do not know whether it is by Bu子gars or Austrians.

Velice is still half in the hands of the French and English with the Bulgars in possession of the other half on the east side of the vardar River.

We had been hoping that by now the Allies would have been on the offensive and be coming up to reoapture Skoplje that being our plan when we remained behind, to be on hand when the oity was recaptured by the French and English.

Cash exohange today is seven dinars for one banka,
Benzine or gasoline is nuw getting sosrce and we are not able to get it from the Bulgarians at present.

Took food today to the Second Reserve Hospital and to the prison camp at Bardarvatz, kerosene is getting very scarce and tonight we had to empty all of our lampa at the hospital so as to supply enuf to run the sterilizers at the hospital. Only lamps allowed now are those for the hospital wards, and we are using candles instead.

One of the sisters received a birthday cake shortly before the Bulgarians came and she had been saving it until her birthday, and today we had tea and birthday cake, quite a treat for us after our diminishing rations.

Fox clipped my hair today and I did his. As a result we are cold tonight and are wearing our Albanian nightoaps.

OCT $26 T H$. MORE FIGHTING AND SERBIAN PRISONERS.
It is now getting cold and the snow on the mountains is getting much lower down than it was three weeke ago.

We have received no news from Cage or Bakeman since they went to Prishtina.

This morning we could see the shrapnel bursting on the mountain sides during the fighting and later in the day forty Serbians passed thru as prisoners of the Bulgarians.

Up to the present time the Bulgars have not molested our stores or even inquired as to the contents.

More Bulgar supply trains passed thru today but no more artillery arrived. Rumore are rife that Bulgaria may turn and side with the Allies as soon as Serbia is dofeated, as she has not yet declared war on any country except Sarbia.

Our clothes are in poor condition as it is imposeible to got laundry done as the air is so humid and it mists constantiy.

The Second Reserve or Poly Meset Hospital was looted over night as we found on going down this morning for supplies. Even private trunks were looted and their contents taken or seattered about promiscuously.

The Bulgars promised us kerosene for the hospitel today but it did not arrive. This afternoon the people are ereoting more archways on the river road in preparation for Tzar Ferdinands arrival. The Buigar Government is establishod downtown with a prefect and other offices. Very iittle damage was done in the eity from the shell fire.

OOT. 36TH. bulgar and turk flags are flying.
Bulgarian Flage are flying from every house and occasionally a Turkioh Flag is seen, a red field with a star and orescent.

When the Serbians retreated they did not leave a car or engine in the railroad yard here, so that the victors are without a means of transportation despite the fact that they hold the railroad from Velice to Vrania, with Skoplje about halfway between the two places.

The general trend of feeling among the Serbian population remaining is that Serbia will again retake Skopige and drive the Bulgars out. This feeling is accentuated for this morning a banka(a paper ten dinar or frano bill) was worth six dinars, while at noon it was worth seven and tonight we received eight dinars for it.

In the meanwhile evry one at the hospital is setting tight and waiting for something to happon that will break the monotony of seeing Bulgars and germans.
OOT. 27TH. A PLEASANT SUNNY DAY! FIGHTING IN THE NORTH.
A boautiful sunny morning and we oan see the mountains oovered with snow and they make a pretty aight.

All morning artillery was heard to the north and northeast in the mountaine and it sounded like a rather heavy ongagement.

Up to midnight no results of the firing was obtainabls Which means that petova to the west is still in the hands of the Serbs, and Velice in the hands of the French, but no one knows when the Allies are coming to help Serbia out of her present predicament.

OCT. 27TH. A TRIP TO BARDARVATZ.
We mede a trip to Bardarvatz today to bring in the twelve bathtubs that we did not have time to bring in when We moved the "creepers" in from that prison camp. Auto 非 is in the repair shop, so Fox used \#8 and $I$ had \#4 the car I have used since I was in Djevdjeli. Coming out of town tonight I had a puncture on my last trip to the hospital, 30 I had to wait for Fox to bring me a shoe as mine was all cut to pieces. I slipped a new fan belt on the car today a.2s. The radiator leaks where it was soldered after being punctured by the Serbian Bullet at the battle.

Mr. Davis of the Hospital is acouting around killing all of the cats and doge about the grounds, there being many atray doge about. He also declares that he will get the kittens that two of the nurses are keeping in their rooms but so far he has not secured the latter.

Our little round rubber bath tube are now being used. more than ever, and even tho they are on $2 y$ twonty five inches in diameter they are proving to be juat right.

The Scotch Nurse at the hoepital, Sister Mann, whe has been trying to get a ride in town since the Bulgars arrived made her trip in town today to view the Bulgar Flage and the naw sights. Previous to this it was either too dangerous or else there were tomany wounded to attend to, which prevented the trip in.

Many Bulgar supply traing are passing thru all of the time. Herds of cattie and sheep are driven to the army instead of killing and transporting the meat.

OCT. 37TH. AND STILL NO SIGNS OF AID FROM SALONIKA.
Today tady Paget had a cable sent that we were all well, the Bulgars giving permission.

The Sorbians are going to make their next stand at Kachineek, about twenty three kilos north of Skoplje in the mountain passes this side of Kossovo plain, and hale way to Farizovich from which place the roads go to Montenegro.

It is now a week sincs we came up to the Paget Hospital and Fox and I are wondering, as everybody olso is, when it will all end. Many of us expect the Allies up from galonika, and others think that the landing of troops at that place was merely to kesp Gresee from declaring war on tha Allies and marching north thru Serbis to join Austria.

We have received no word from the fellows that went north to $\mathbb{M}$ sh two weeks ago or the unit that went to Prishtina a weak ago. It is rather an interesting position to be in, that is, in an English pospital in a part of Sorbia occupied by Bulgar soldiers.

Only ten or twelve mounded Serbs have been received at the hospital from the last few days of fighting.

Tonight a thunder storm which lasted into the night, but most of it went around us.
OCT. 28TH. STILL FIOHTING IN THE NORTH.
A little artiliery firing wae heard now and then during the day, but no steady engagement occurred apparently. About a half dozen oame in wounded during the day, two of whom had beyonet thrusta.

OCT. 28TH. A MEETING OF THE MEN OF THE PAGET HOSPITAL
Today wes the gecond moming in sucoession that the sun shone, but it soon olouded up and showers came in the afternoon.

This noon, two Bulgar batteries of three inch guns and homitzers came back from the northern front, Fith wagon trains of ammunition.

I made a visit to the Bulgarian Commandant today in an attempt to get gasoline for our autos but was unsuccessful in the attempt, and obtained only onuf for the trip to Kumanova toworrow, seven and a half gallons. Fox and I are going to that oity to obtain permita from the Bulgarian Colonel in charge of the Sanitary Corps, so that the English oan take material from the Serbian Hospitals in town, which are now closely guarded.

Auto 籼 was in the repair shop today so that I used \#B, the car that had been Loaned to Drs. P1otz and Beehr as it was neoessary to get some work completed.

The Bulgars commandered all of the Paget Hospital cattle today, in epite of many protests.

A meeting of the men of the hospital was held tonight to settle all question of what is the best thing to do under the oircumetances. The general trend was that all were to remain for a couple of weeks and see if the Bul gars are to hold Skoplje indefinitely before taking any action and leaving the country. One or two seemed to think that the time had come to leave as they were treating Bulgars who are ilghting Serbia an ally. But at the same time muoh good is being done in tow among the Serbian Civilians, distributing olothes and supplies to women and children.

OCT. 29TH. RUMORS OF THE FRENCH AT KUMANOVA. GASOLINE!!
Up early and had $\frac{4}{4}$ put in ifrst class shape, the breaks and gears tightened up, oiled and a windshield put on the ear.

In the afternoon we brought up a few stray cases of wounded thet had arrived at the Second Reserve, took clothes down to the Serbian poor, took a few Austrians and Serbe down to the now quarters opposite the"Grad, and wrote 2etters home.

Heavy firing was heard in the south tonight about ifve o'clock and We are wondering if the French are really coming up, or if it is an aocho of the ifining going on at per= izovich to the north.

We hear tonight rumors of soldiers to the south with flaring trousers near Kumanova and wonder what kind of soldierg they are. We can only make them out as French Zoueves or the English Kilties.

Tro rounded came in from the north and reports that many wounded are in the villages along the road to the north due to the firing of the past week.

Today we got two large drums of geseline, each containing 150 litres and as a result I feel elated as it Will keep us going until something happens in the inne of relief, in place of this terrible pause; of not knowing what is going on around us.

A Dr. of the Bulgarians whou we had been holping assisted us in getting this supply and we certainly appreciate it, for if the Allies should come up we can continue our work with the wounded by uaing the autos.
S.attiolota $\square$






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Up early this morning and it is quite cold now. Fox and I are to have winter uniforms made out of khaki blankets and I shall have a large military coat made from the same material. Fox brought an overcoat with him, but both of us have only light weight summer uniforms.

After filling the autos in the morning, Fox and I went out on the Kachineek Road again to the north to get wounded but about 400 yarda from the hospital we had to give it up, for even in low gear the mud absolutely prohibits the Ford from moving.

My little ailk flag is now in tatters and we are equiping all of the machines with the small flags that the Austrian prisoners made for us.

This afternoon it rained once more, just to kesp the mud in a good sticky, elimy condition. Late in the afternoon artillery firing started in the direction of Tetova which continued well into the evening, a few wounded later straggling in.

An extraordinary case was that of a Macedonian, where the bullet entered in the malar bone, beneath the leit eye, passed down thru the roof of the mouth, into the neok and the exit was at the tip of the left soapulao at its inferior angle. The man had remained eight days in a small hut in a village with absolutely no expert medicel attention and the entrance wound had healed and the exit was healing satisfactoxily.

A village sbout five miles to the west on the Tetova Road has been burning all day and the light of the fire was plainly visible tonight.







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OCT. 30 TII, TETANUS DEVELOPS AMONG THE WOUNDED.
Many refugees are stragsling in from the burning villages, each bringing a few houeehold goods in a small bundle.

Tonight as room was needed at the Paget Hospital, we took some of the light cases, down to the Commandants, opposite the "Grad".

Today the Bulgars put in effect the law that all belonging to the Paget Hospital must have a Fed Cross brassard With the Sixth peserve Rospital stamped on $1 t$ and $a$ written cortificate stating that one is a member of the Hospital. This is on account of spies mearing Red Cross brassards,

Kany cases of tetanue are developing among the wounded at the Hospital and there is but a small amount of serum on hand to tackle the problem with.

Today the rumors are good, We hear that Pirot has fallen, but Nish, Kragovatz, Velice and Monastir are all in the hande of the Serbians and that the French are fighting hard above Strumitza. Also that the Port of Dedeagatoh, a Bulgarian port on the Aegian has been bombarded.

However, evarything is a rumor and many turn out to be untrue.

The vardar is now a raging torrent of olay colored, muddy water due to the continuous rain and melting snow, from the mountains. The lowlands along the river banks are flooded and many of the mall mills have been awept away by the rapid rise in the water.

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OCT. 31ST. YORE GOOD RUMORS OF AN ALLY OFFENSIVE.
Another Sundsy. Up at 7:30 A. M. the rising hour at the hospital. In the morning Fox and I went over the autos and later took a fem piotures down to be developed.

We hear that the French are at Rochana, near the Bulgarian Frontier, northeast of Stip, which certainly means good news for the allies if it is true. It seems entirsly probable for Koohana is at the end of a river valley up which an offensive would naturally go.
HOVEMBER 2ST. A LIGHT DAY WITH LITTLE EXCITMENT.
This afternoon Fox and I started out with the autos on the Tetova Road where the fighting has been the past fow days. We went as far as the second rickety bridge, where the Bulgarian front line trenchea were but found none. This was about soven or aight kilos, from Skoplje. We were surprised to find the front here as the Bulgars reported that they were just outaide of tetova, while as a mattor of fact they were fifteen or twenty kilos from it. We found no wounded all having been sent in.

Took some supplies down the river road to the Austrian wounded quarters and later brought the Greek and Fussian Coneuls to the Hospital and later took them back into tom. NOV. 2IID. ALL NATIOMALITIES ATTEND MASS FOR AUSTRIAN DEAD.

This morning at eleven orclook we went into town to the Austrien Wounded! Quarters and a.ttended services held in honor of the Austrians killed in the war. Dre. Corneliue, Baehr, Plotz and I represented United States, while Lady Paget, Dr. Maitland, Mr. Baker, Grundy and others were present from the Lady paget Hospital Staff.


MACEDONIANS SCRAPING MUD OFF THE HIGHWAY SO GUNS CAN BE MOVED.


MACEDONIAN MUD.


BULGAR REGIMENT LEAVING FOR THE FRONT AFMER A MASS.


NOV. 2ND. LUNCH AT THE RUSSIAN CONSULS. AUSTRIAIS AND BULGARS CHEER LADY PAGET.

At the end of the service, the Bulgarian General in charge of the operations in this district, the Bulgar Prefect, hie secretary and the Ohief of Sanitation all made speeches and the Austrians gave three cheers for the Bul gar, the Bulgar Goneral and Lady Paget.

Mrs. Berlow and I then left and went to the Stroboloff's residence down town where we had Iunch, the Greek Consul glso being present.

Kragovatz and Chachak were announced to have boen captured at the end 02 the Mass whioh caused the Austrians much elation, as it was near that place that the Serbe oaptured over 50,000 Austrians in the offensive in the Fall. of 1915 and decisively defeated the Austrian Aray, reoooupying Belgrade.

In the afternoon I spent a busy time getting my accounts in order, the first time I have had since the Serbian retreat.

A little outbreak of dysentery has struck the hospital and all sre taking tannalbin, bismuth and salol which is now proving to be a most efficacious treatment. NOV. 3RD. BULGAR REINFORCEMENTS TO THE MESTERN FRONT.

Up sarly and imnediately after breakfast we ment back of the hospital and watohed a Bulgar regiment arrive, a full regiment with four batteries, twenty four gung.

Their rifles were stacked in the form of a square, and all gathered in s qquare about their Priest and Commander, and a mass was held. Soon a division comander arrived In an auto and delivered a speeoh, the men cheering.

REMOVING COFFINS OF TYHHU:


VICTIUS AT TWILICHT.

## A TOUCH OF MACEDONIAN



MUD.

NOV. 3RD. REINFORCEIMITS TO THE TETOVA FRONT. VELICE CAPTURED.
The Bulgars are Hacedonians and very enthusiastio, singing and oheering. They departed just before noon, half going to Velice and the others going to Tetova. One battery was sent up the Kaohineek Road.

Heavy firing was heard in the direction of Kachineek for three or four hours this morning and we rather expect wounded from there tonight.

Velice was reported oaptured by the Bulgars on November First and it is very depressing news.

The dogs have again become very troublesome and the fellows went out this afternoon to shoot them after notifying the Bulgar sentries, who surround the hospital, of their plans.

Ford \#t is agein in the pink of conditiou as we have had the break repaired, steering gear tightened, radiator repaired and windshield fixed.

NOV. $4 T H$. KACEDONIAN LABORERS ARE REPAIRING THE ROADS,
The hospital is now keeping Sofia time, which is an hour ahead of Serbien time, so we are now arising at six - 'olook instaed of seven otclook.

The Bulgars are sttempting to ropair the roads, and have brought about three hundrod Macedonians, who are soraping the mud off the roads, working under a guard of soldiers. They work no better than the munioipal laborer in the States in spite of the threat of boing shot for loafing.

Fox and I took Dr. Maitland in town in an attempt to get some coal for the hospital, wood being unobtainable.


WAITING AT R.R.STATION FOR WOUNDED. NOTE FLAG ON AUTO MADE BY AUSTRIAN PRISONERS.

WOUNDED ARFIVING AT R.R.


STA. BY HAND CARS.


NOV. 4 TH . HAND CARS NOW BRING WOUNDED FROM ALL FRONTS.
In town this afternoon and brought beok the rounded that are arriying at the railroad station on hands cars construated by the Bulgars out of pairs of wheels, which are pushed along the railroad by the soldiers. In this way they are brought in from three fronts, the Velice, Kachineek and Vrania or Wish front, to the south, west and north xeapectfully.

A heavy rain atruok the eity this morning.
Some unknom misereant painted a red cross on the aide of the masoot of Blook A., a black kitten and he is a sight to behold. The nurses who are taking aare of it are on his trail and woe be unto him if he is caught.

We hear today that the Sulgars have forced the Kachineek Pass and are four miles to the north. If this is true It means a retreat by Serbia into Kontenagro.

The Bulgar Army aupply trains now going north to Kachineek are all ox and buffalo wagona, the horses apparently being ueed $i r$ the advance mork.

The roads are again becoming bad, but the Bulgars are placing $200 s e$ gravel on them to soak up the mud.

Artillery was heard today but very far away.
Ten oxen are now being ased at the hospital for the sanitary removal of the sewage. Four ozen formerly hauled the wagon during dry weather.
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NOV. 4 TH. TYPHUS FEVER AGAIN THREATENS THIS SECTION.
Fox and I ment down tom today with Dr. Maitland, Dr. Plotz and Dr. Baehr in an effort to have laws and regulations put in effect for typhus fever which we hear rumors of, but at present have no ases.

NOV. 5TH. SANITATION IN SKOPLJE TURNED OVER TO THE AMERICAN RED CROSS BY BULGARIAN SANITATION HEAD.

I complated arrangements today for taking over the sanitation of Serbia, after meeting the Sanitary Officer of the Bulgers, who turned the city over to Fox and I to toke charge of as wo had done under the Serbians. The Colonel in charge of the Bulgar Sanstary Corps for this distriot is going to Kachinesk and probably would be unoble to return.

The Bulgers of the resarves ars no better than the Serbians, being men of forty-ifve years of age, equipped With large bore guns, firing lead bullets, many oartridges of which have been refilled and the bullets to fit snugly have paper around them.

The anow on the mounteins is much lower this morning. Guns were ifiring all day in the east, so about 4:30 in the afternoon, Fox and I started aith oux Fords for Tetova, but the ifring wes further than we had antioipated. We soon passed the first Red Cross Station and the field dressing station and srrived at a battery that mas just einishing firing for the day. Each gun in the battery had fired apparently sbout fifty shally and the men mere iflling the eaissons with fresh shells brought up in ox magons in hay.


BULGAR ARTILLERY IN BATTLE OF TETOVA.

NOV, 5TH. THE BATTLE OF TETOVA.
DR. FOREST AND DR. BROKAIV ARE IN TETOVA.
As the wounded had not yet been brought back from the firing line, we went out further, as the firing soon ceased, and picked up wounded, and after conversing for a couple of minutes with a Bulgar who had been all over U. S. and Alaska, we started back for Skoplje, as it was getting dark.

We could see retova now, about four miles away, and fires were burning in that oity, the oolor of the smoze, suggesting that it was stores of hay and munitions.

Arriving at the field hoepital our caess were treated and we filled up with six severely wounded and atarted for the Paget Hospital. It was dark and it was a rather hard trip with no iighta. We arrived back at 7:50 P. K., dumping our Loads in the bath room and heading for dinner.

The bath room was the receiving room for all wounded. They reoived a hair olip, a thorough waeh and clean bed linen before being allowed to go into the hoapital proper, as we were very careful not to allow lice to gain entrance.

Many Serbs were killed but we found no wounded. All were removed or else they are recoiving the Balkan Etquette, that is, wounded receive no meroy.

As Tetove will be asptured tomorrow, the wounded in the future will be oared for at that place.

Drs. Brokaw and Forest were in Tetova, but being under the Serbian Government we rather think that they will retreat with the Serbian Army, as his contraot calls for.


MY BULGAR SANITARY SQUAD WORKING ON A TYPHUS HOTEL.


THE AUTO "GUS" AND FOX STARTED FOR TETOVA IN.

MY BULGER SANITARY SQUAD.


FILLING SHOWER BATH TANX.

NOV. 6TH. TYPHUS BREAKS OUT. FOX AND I IN CHARGE WITH bulgarian sanitary squads.

Up early and made preparations for the aanitary work in the city. The Bulgar language varies slightly from the Sarbian so we had to obtain two interpreters for our work.

Typhus cases have occured and this afternoon we carried material to the Kafana, where the first oase was. This is a small twostory hotel and it will be fumigated and disinfected.

Fox started for tetove in the afternoon to see if Dr. Forest remained as we wanted to be sure on this point. He had "Gus" our old interpreter driving, as the latter had an aunt in Tetova that he wanted to be auxe was all right.

In the heavy mud, the wheel got away from Gus and the auto rolled over. In the auto was Gus, his mother and Fox. All escaped except Gus 's mother who had a broken forearm, both bones being broken. She was immedietely brought up to the Hospital for treatment. Heedless to say Fox did not reach Tetovs today, Gubname is Kosta Poporich.

Hesvy firing was heard on the Kachineck front and the wounded are expeoted tomorrow.

We brought up many wounded from the atation who had arrived on the hand oera.

Just learned that Dr, Khitland was also in the auto when it turned over and that he also escaped injuriea. In all it mas a rather lucky accident that the injuriss were not mae serious.


MY BULGAR SANITARY SQUAD AT POLY MESET HOSPITAL.

NOV. 7TH. FIGHTING TYPHUS FEVER ONCE MORE.
Immediately after breskfast, Fox and I went in town and started work on the Kafana, where the typhus fever case occurred. It was pasted up during the day and fumigated at night. Seven Bulgar Sanitary soldiere work for us.

I met the new Bulgar Lt. Doctor at the Poly Meset Hospital and had quite along discussion over the conditions in Skoplje. As a result the Bulgars offer us everything that we nedd for our work, if we will remain and caryy on our work here in the future as we have done in the past.

A very heavy battie continued most of the day to the north in the direotion of Kachineek. There are oontinued rumors of Italian participation in the Belkan situation, by sending troops thru Albania, to the ald of the Serbians.

In the afternoon we brought up more wounded from the station, whioh is now established as a Red Cross Relief Station, that is that part that was ueed as a 1 unch room on one end.

NOV. STH. FUMIGATING AND DISINFECTING TYPHUS INFECTED HOUSES.
In town after breakfast and opened up the Kafana that we fumigated during the night. All the blankets, sheete, mattresses and other clothing was carried to the Poly Meset Hospital where this material was placed in steam sterilizers and sterilized, killing all forms of vermin and the eggs.

While I was attending to this, Fox started work on the next house near the Grad, where a case of typhus was found. Everyone reftoved from a house in which typhus has occurred is required to have a thorough bath, hair olipped and all olothing disinfected.

NOV. STH, MANY WOUNDED ARRIVE, FREITOH RETREAT TO DJEVDJELI!! OUR BULGARIAN SANITARY SQUAD STRIKE!

This morning I found that the squad who had been working for us had struck. On going to the Poly reset Hoapital, the headquarters for the Bulgar Sanitary Corps, I found that nobody wanted to work for us, but sould not just ind out why. The peasant soldiers simply said they did not want to work. I finally hit upon the happy idea of making the squad that worked for us, exclusive, and distributed white coats to those who would work for us. At once I had a large number of applicante, including all. that had been in my old squad, so took them all back, and they worked happily all day in their white uniforns.

The Bulgar Officers were very much pleased the way it turned out, as they were ready to force the men to work, but did not wish to if there was some other way.

Tonight I worked at the Paget hospital in the receiving room, washing and treating the wounded that were arriving in large numbers in bull carts. Most of them were Serbians, our firet large lot of Serb wounded.

Fumors todey are that the Fench have retreated from Velice and Strumnitza, to Djevdjeli and that all hope of relief for us for the winter has gone.

Every house we fumigate for typhus, or every house in which typhus fever ocours, has a guard placed over it at once and it remains until the house has been completely fumigated and disinfected by us, so that the efficiancy of our work will not be destroyed by the inguiaitive naturs of the native Macedonians and Turks, who watch all that is done by us, sitting and squatting along the roadside.

HOSPITAL AT KUMANOVA.


11OV. 9 TH. TO KUMANOVA WITH THE BULGAR LT. DOCTOR TO LOOK OVER POSSIBLE WELL SITES AT THE NEW MILITARY HOSPITAL.

In town early to paste up the third typhus fever houee, near the Vardar. Then visited Gus, to see if he can repair auto 唯 that was smashed on the Tetova Road, when Fox started for Tetova. Carried many wounded from the atiation to the hospitel. It was a busy morning for Fox and I.

In the aftermoon, the Lt. Col. Doctor, FOX and I started for Kumanova whers a new Red Cross Hospital was being built, but no mater is available noar the hospital, so Fox being an engineer is going to look over the situation and it may be possible to drive a well.

On the way over we passed wagons carrying large metal pontoong that the Buigare are bringing to aid in the fighting down on the Vardar near Velice. Alao many large five inch German batteries were seen on the trip.

When arrangements were completed at Kumanova, we returned. Before we had arrived at Kumanova, a well had been dug and plenty of fresh water was found.

Wa arrived back in Sloplja at 5:00 P. M. and found a letter awaiting me from Dr. Forest who had remained at Tetora thruout the battle. The note reed that "Dr. Porest and Dr. Brokaw were at Tetova and would $21 k$ to return to Skoplje" and was addressed to the American sanitary Mission and written November 6th. At the time of writing they did not know whether anyone had remained at Skoplje or not, but they did want to get out of petova, which is an undesirable Kacedonian town to live in for any long period.






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NOV. 9TH. WE KIDNAP DRS. BROKAW AND FOREST FROM TETOVA AND BRING THEM TO SKOPLJE AT MIDNIGHT.

On reading the note, Fox and I deolded that there was only one thing to do and that was go at once to petova and bring them to sroplye.

Immodiately we started, Fox in one Ford and I in another,
(On long trips we alweyg travelled in peirs, so one would always be in running order and we would be sure to get home aafe); and headed for the west. It was soon dark and many times wa were stopped at the 11ttle oulverts and bridges by Bulgat Sentries, but when they aaw it was the"Amerikans, "those orazy Amerikans" we never had to say any more, they simply said, "haide" meaning to go. They called us orazy for going out night or day for the wounded, but for the same rasson they would pass us anywhere.

It was dark before we were half way, and ae our aearch lights mere long ago out of commission it was with great diffioulty we made our way. However by etioking to the white, wet, olayey road we soon arrived at Tetova, to ifnd s11. In derlmess and it was now beginning to rain, which made our dim 011 lamps still more useles.

Tetova was in darimess, only a half dozen oil lamps on the main atreet being lit, oasting a dim glow thru the driving rain. The town was under martial iaw end eentriee Were overy where. We went to the large Inn in a little court off the square and found the officers asembled over some black coffee and wine. We at once after an insroduotion all around asked for the two Amerioan Dootors. At firat all diaplayed ignorance, but finally the Inn Keeper told them who we manted and the officer then detalled a "atraja", (aentry) to help us looste them.

THE AUTO SMASHED BRINGING


FOREST FROM TETOVA.(DR. FORES

NOV. 9TH, WE KIDNAP DR. FOREST AND DR. BROKAM FROM TETOVA.
At last we found tham, just going to bed, after giving up all hope of being rescued as it was three days sinoe they had written for aid. They were all packed up to go and had been waiting ever since sending the latter.

They had asked permission to leave again and again, but were refused permission to leave the oity by the Bulgar Commandant. On hearing this story I decided the only thing to do was to go at once and not wait till morning, even tho there was a little risk in going over the dark road at night.

We immediately packed them in the autos, trunk, baggage and all and cranked up for Skoplje. It mas the wildeat trip I had taken for a long while and we skidded and slid thru the rainy night to Skoplje.

We had just arrived at the outskirts of Skoplje when Fox saw Mr. Davis ahead and slowed down to speak to him. I was behind and not noticing that Fox had stopped kept on and crashed into him, mashing the radiator on my car, \#4 and straining the body. The other car $\# 8$ sustained a bent chassis but otherwise no harm.

Dr. Forest who was with me, and I were thrown forward but uninjured aside from a bruised knee that Dr. Forest sustained.

Even tho the radiator was demolished the oar still ran, so I ran it down to Gus's yard in town and left it for the morrow, when I will put a new radiator from car \#ll on it.

We put Drs. Brokaw and Forest up for the night at the Magazine in the room that $M r$. Bravo occupied and returned to the hospital where we found two of the nurses waiting






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NOV. 9TH. A MIDIIGHT LUNCH AND A HELCOUE ONE. our arrival. After the two long tiresome trips and the wet weather, the canned corn beaf, tea, marmalade, crackers and canned butter went directly to the right spot and Fox and I certainly appreciated it.

Artillery firing had been heard all day in the direction of Kachineek and even the Bulgars admit that the Serbians are putting up a stifi fight at that place and they are doubtful that they will ever get thru.

The French are now reported as fighting on a front running from Krevilak to Prelip, and have been lately defeated on this front.

INOV. 10TH. TYPHUS STILL APPEARIMG. KACHINEEK FIGHT COMTTINUES.
In town early and fumigated and disinfected the house by the river. All occupants were bathed, their clothes sterilized, as was the bed oldhing and other material. We worked until late in the evening by candle light on the job.

Later in the evening more wounded arrived at the station and we brought them up to the Paget Hospital.

Fox worked during the day taking material in town for the oivilian poor that Lady Paget was distributing. We had supplies of olothing in our storehouse and have taken it up to the Raget so that it can be distributed.

Hundreds and some days thousands come to the Paget Hospital for food, and a littie flour is daily distributed to them. The flour that we had at the magazine for pasting, we have carried up to the hospital so that it can be given to the poor people.

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1NOV. 20TH. DR. BROKAW AND DR. FOREST JOIN THE PAGET HOSPITAL。 Firing was heard all day in the direction of Kachineek, to the north.

Dr. Forest and Dr. Brokaw came up to the Paget Hospital and began working there at the invitation of Lady paget and Dr. Maitland.

IVOV. 21 TH. A HEAVY FOG. TURKS STEAL TILES FROM OUR ROOF.
A heavy rain fell during the night and this morning we could not see a hundred yards due to the heevy fog that enveloped all.

The Bulgars report that when they captured Nush, they got twenty ifve large ateam sterilizers.

This morning we brought up wounded from the atation and then went to the magazine. While there three Turks came and wanted to go up on the roof of their house by climbing out the third story window of our magazine. This we let them do until I saw them taking tiles from our roof to repair their roof in the places thet the shells during the Battle of Skoplje, had broken the tiles on their roof. I then got after them with a club and mado them "haide" out as fast as they could in their Turkish slippere without losing them,

Another case of typhus has been reported and removed to the Paget Hospital. We will fumigate the house tomorrow.

The Serbs and Bulgara have called a two days truce on the Kachineek front to bury the dead. It is rumored that Italian soldiers are aiding the Serbs on the Kachineek Front.

Also a Tumor says that 230,000 French and English are on the Salonika Front, from Krevilak to Prelip.

WOUNDED ARRIVING IN


OX CAPTS AT HOSPITAL

TWILIGHT. COFFINS LEAVING


THE LADY PAGET HOSPITAL.

INOV. 21TE. SERBIAN PRISONERS ARRIVE, VITH GANGRENOUS WOUIDS.
Many Serbians were brought in today with gangrenous wounds. Some were wounded twenty five days ago and many have maggots present in the neglected wounds. It is the Worst lot of wounded that have arrived at the hospital and many of the nuraes simply cannot attend to the cases as they arrive in the bath and receiving room. As a result tonight the dootora are doing the work, which is most repulsive, and yet how these simple minded soldiers appreciate what is done for them. pheir eyes simply convey what they cannot not tell us.

We know nowthat Russia has declared war on Bulgaria, as Mr. Strobolof and his wife, the Russian Consul, have been sent to Sofia by the Bulgare, from which they will go to Bucharest and thence to Petrograd.

My new winter suit and overcoat, made of khaki blankets are nearly completed and I certainly need them, for the nights and mornings are very cold, and it is during these hours that we work the most. They are being made by Austriang.

NOV. 2aTH. HANDS CARS BRING THE WOUNDED DAILY FROK THE FRONTS.
In town this morning, but found no wounded. Nine little hand cars were just going out of the station, pushed by Macedonians, to the front for wounded. They are going to Velice where there are eighty serious oases to be brought up.

When we woke up this morning we found the ground covered with snow which had arrived during the night.

Worked on the typhus house of the case found yesterday and Fox brought up the wounded from the station.

NOV. $12 T \mathrm{H}$. WOUNDED ARRIVE FROM VELICE.
Wuch heevy firing wes heard to the west in the direom tion of Gustivar, a town south of Tetova, and it may be that the French are trying to olrele around the Bulgars.

The wounded from Velice and Krevilak tell of Pighting the French Troops. The wounds are much worse in extent than we have been receiving due to the large number of shrapnel wounds, and the Bulgars aay that the French are "no good".

Letely the Serbians in town appear much more confident that their troops will again ocoupy Skoplje than they have been for the past few weeks.

More artillery and mitrailleuses were sent to fetova this afternoon, as the Buigars axe meeting with much resistance in that direction.

NOV. 23 TH . MORE GANGRENOUS CASES ARRIVE.
ANOTHER TYPHUS house fuaigatad today and we disinfected the one that was fumigated yesterday.

Last night eightysix wounded errived from Velice and were taken to the Poly Meset Hospital. Some had been wounded seventeen daya ago and the dressings had not been changed and were in a terrible condition. We did not wait to bring them up to the Paget, but immediately several of us started in and soon had all of the dreasings ohanged. A few will need operation due to the long neglect. Nany cases wer gangrenous.

Firing was heard in the Tetova direction very much nearer than it has been for the past few days. Many refugees are pouring into Skoplje from all of the surround-

NOV. $13 T H$ REFUGEES COMING FROM ALL DIRECTIONS TO SKOPLJE. ing villages as they have no food to live on. Todey 1272 refugees were fed at the Paget Hospital.

The wounded came in fast today and tonight many were arriving in bull earts from the Velice and Krevilak Front. Hy winter suit is finished and is fine and warm. The overcost is not yet guite finished but will soon be dons. The Bulgar Lit. Colonel Dootor, Dr. Chaparoff or Tchaparoff came to us today and expressed a wish to have a well driven at a new Red Cross Relief Field Station that is being constructed on the other side of Kumanova.

I will be busy here tomorrow so Fox will go slone with Dr. Tchaparoff and look over the situation and bring back any wounded that may need attention.

The wounded now report that the French and English are at Stip and the"Francaise Solast" are at Xrevilak.

LAST NIGHT THE SERBTANS RECAPTURED TETOVA! This TRAS startling news but absolutely verified from many sources.

The night driving up from the atation in the fog, which has now persisted for three days is exceedingly risky and dangerous. Today I made arrangements to have the station turned into a night dressing station for the wounded that arrive at night on the hands cars. This will make it umneocesary to go down nights and in the morning we will make morning trips down after them. It is about two miles from the hospital to the station.

A MATIONAL DINNER PARTY.
NOV. 14TH. FOX GOES TO KUMAMOVA TO DRIVE A IELL.
After breakfeat Fox went to Kumanova to drive a well for a hospital just beyond that place.

I had intended to go into town, but \#8 car was the only other available car and wes being ueed by Dr. Plotz, so I did not. I think that I shell sall in this car as we need it ruch more than he does. It was loaned to him for his une at Nish when he was there.

More rumors arrived this morning that the Italians arefighting at Gustivar against the Bulgerians. Hesvy firing was heard this afternoon over that way, in the west.

At night I was invited to attend the dinner, given by the Greek Consul and held at the Rusaian Consui 's Hovee. The Bulgar Commendnnt, Prefoot, Chiof of Gendarmes, Ledy Paget, Mra, Barlow, Hr. Devis, Eulgar Obstina; Mr. Grundy and myself attended. It was an interesting situation to have the English and Bulgarg eeting at the same tables, altho they were enemies.

It wae an excellent dinner, but ten minutea before the dinner the Fuesian Coneul ie cook struok, and refused to serve the Bulgars, so the dinner wes slightly delayed. However we soon obtained new waiters and the dinner was. fine from soup to pueding.

Many bedly wounded arrived at the hospital just as we returned from the dinner and the wounds pere gangrenose and maggotty and in horrible condition.


DR. TCHAPEROF AND A MEDICAD STUDENT.

HOV. 25TH. X-RAY APPARATUS OBTAIIED FOR THE PAGET HOSPITAL. WE MOVE FROTHINGHAM FUND SUPPLIES TO OUR STOREHOUSE.

This morning we went in tow and worked on an x-ray apparatus which is to be moved to the Paget Hospital. Mr. Lamb of the Hospital, the elctrician had charge of operations.

Fox returned yesterday and said a well was to be driven at Stratain, but that he did not have enuf gasoline to get there and back, so he did not go boyond Kumanova. I sam Dr. Tchaparoff and asked for benzine and oil for the autos or wo could not do the work for him. qhere is a field hospital boing built at Stratsin. It is on a direct road from Velice and an important way station for wounded, going to Bulgaria.

We then moved some supplies from the home of 121 e . Nikolitch, that had been bought with money from the Frothingham Jund, removing them to our atorehouse, to prevent capture as we hear that the Bulgars are to raid her home, claiming that she is a spy. These supplies are Serbian Dresses, and other goods made by the Serbians to be sold in U. S. for the benefit of Serbian Orphens of the war. The raw material was bought by money fumished by kir . Frothingham of New York and the goods are made by ohilldren in charge of Mle, Mikolitoh who has an orphan home.

There are boutiful ruge, with the Serbian Official. Seal worked in them, dresses, bead baga and other native goods. We were unable to move all as one of the boxes was too large and heavy and will have to be put in amaller boxes for shipment.

NOV. $25 T H$. FROTHINGHAK SUPPLIES MOVED TO OUR STOREHOUSE.
In the afternoon we continued our work on the Frothingham Serbian Articles but were unable to get all of the large boxes repacked.

Tomorrow Fox and I are planning to go to Stratain in regard to the driving of a well at that place for the Red Cross Field Hospitel.
NOV. 16TH. TO STRATSIN, VIA KUMANOVA.
After breakfast, Fox and I went in town and picked up the Lt. Colonel Dr. Tchaperoff and proceeded via Kumanova to Stratain, to look over the eituation there and ascertain if it is feasible to drive a well at the new hospital that is being built there.

We started at ten in the morning and arrived at Kumanova at $11: 45 \mathrm{~A}$. M. where we etopped to obtain benzine and our lunch. We met the Bulgar General here and also the Lt. Coi. in charge of the coming Commisacary Division and received an invitation to dine there whenever we passed that way. We obtained an excellent meal and also twenty kilos, of benzine, more than enough for our trip. We also enjoyed the cigars that were furnished us, for they were the first that we had seen for many a day.

At 1:00 P. M. we left Kumanova and after a very tedious journey over a very bad road, made more than diffioult by the numerous long ox wagon trains of military supplies, drawn by hundreds of oxen, we arrived at Stratsin at $3: 00$ P. 16

The supplies we were informed were heading for Velice Where the most important Bulgar Campaign was going on, in fighting the English and French from Salonika.

ROAD FROM KUMANOVA


TO STRATSIN.

NOV. 16TH. TO STRATSIN, VIA KULANOVA. HUNDREDS OF OXEN IN MILITARY WAGON TRAINS.

We had tea at Stratsin, or coffee as the custom is here. We then looked over the water situation, and found that there were two aprings already, very accessible to the proposed hospital, which after a thorough oleaning out would serve the hospital very well. After Mr. Fox had recommended this, and had informed the Bulgare that driving a well was very impractical, due to the rooky formation we atarted home, at 3:55 P. M. We arrived at Kumanova at 5:35 P. M. and altho it was dark, decided to continue our way tonight rather than stay in the filthy vermin infeoted houses and hotels that we would be sure to find if we stayed over night.

We soon arrived at Skoplje after a rather difficult journey, at 6:55 P. M. as it started to rain and the mud made the going more difficult than in the morning. As we approached Skoplje it oleared and the moon oame out, whioh helped us wonderfully.

At the hospital we found out that all the afternoon they had heard guns from the direction of Kachineek so it appears that the Serbs are still fighting hard in their retreat.

The hospital has been full for many days, there being eight hundred beds in all. Many wounded have to be turned away after a temporary dressing, we directing them to the hospitals down town.

On our trip back we passed about one hundred Serbian

NOV. 16TH. SERBIAN PRISONERS ARE SEEN.
prisoners, the first large lot that we had seen, as they fight to the end rather than surrender usually.

To bed early as we were pretty tired after the trip. NOV. 17TH. AUSTRIAN VIOE CONSUL TAKES OVER OUR HOUSE DOWNTOWN.

We received word this morning that the Austrian Consul desired to take possession of the Vice Consul's Houss, the one that we had been using downtown, before moving to the Lady Paget Hospital. Earlier in the summer we had obtained permission to use it for our headquarters from the Austrien Government thru the U. S. Consul at Wish Mr. Young.

So this moming, Fox and I oleaned up the house and turned the keye over to the Austrian Consul, who at the present time has his office at the Shumaric.

In the afternoon we tried to make arrangements to move the remaining three boxes of the Frothingham Miseion from inle. Nikolitch's House to our magazine, but the Bulgar Comandant had arrested her as a spy and would not allow us to touch them. Iraomuch as we had nothing to show that the goods, the raw material had been bought with Mr. Frothingham's money, I decided that we had better not attempt to move them by force as we had done previously with the other boxes, for the reason that Mle. Nikolitoh is looked on as a spy and in jail.

We hear rumors of the invasion of $\mathrm{B}^{\text {ulg }}$ garia by Russia thru the port of Varna and Roumania.

Fumors are also about that the French at Krevilak are holding one hill while the Bulgars hold the other two hills


BULGAR AMBULANCES ARRIVE IN SKOPLJE.

BULGARS CAMPED IN THE

SNOW FOR THE NIGHT.

BULGAR MEDICAL CORPS


NOV. $27 T H$, FRENOH FIGHTING AT KREVILAK SNOW ARRIVES. bULGAR RESERVES ARRIVE AT SKOPLJE.
in the tom. Three Fremch mounded soldiers are reported to have arrived in the town, but we are unable to locate them at all.

Fifteen large Bulgar Motor Ambulanoes arrived at the Paget „Hospital, but as there were no beds, Dr. Maitland found it necessary to turn them away to some other hospital in the tom.

The reserve Bulgar Soldiers that are now guarding the hospital are a quaint looking oollsction of characters. They are armed with old non-magazine rifles of Russian manufacture, firing lead bullets af a large calibre, which they oarry in a canvas bandolier slung diagonally across the body from one shoulder, and thus equipped, the peasant with sandals of raw skin and thongs on his feet and a smile on his face, is ready to fight.

Today a beavy sun\% aquall arrived the first snow of the season.

NOT. $28 T H$. We give up hope of obtaining the frothinghali cases.
Up early and this morning we again tried to obtain permission to move the cases of goods belonging to $K x$. John W. Frothingham of New York from Mle. Nikolitoh ts House. The Bulgar Commander mould not allow us to move them, but informed us that they would be held in Skoplje until the question of ownership has been settled. Fox and I then wrote a note to the American Minister at Bucharest, Mr. Charles Vopicka, who wea the Ambassador for the Balkan Statea, and asked for the necessary papers to obtain possession of the

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NOV. 28 TH . SNOW IS NOW EVERYWHERE. HOSPITAL STAFF HOLDS ANOTHER MEETING. goods for: Mr. Frothingham.

The mountains are very pretty now as they are white With snow as is the whole country when we awoke this morning.

Fumors are rife that soon an Austrian Argy will arrive in Skoplje.

Artillery was heard again to the north immediately aiter Iunch and lasted for an hour or more.

No rumors of Frenoh aotivity today, but we hear that the Serbs capture Tetova again.

After dinner tonight at eight thirty a meeting was held by the Lady Paget Staff, all neutrals on the salary $21 s t$ being invited to attend snd also the unpaid neutrals were invited to come if they so desired. The meeting was to discuss the adviaability of going back to England or to nurse Allied wounded elsewhere.

I was given a feeding mug today that was used by the hospital during the typhus epidemic last winter, at the hospital. It is morked "Serbian Army 1924," with a red cross on it.

NOV. 19TH. WE HEAT OUR MAGAZINE WITH WOOD STOVES.
This morning Fox and I went in town and arranged to procure stoves for heating our magazine so that the barrelm of phinotas and other iiquids would not freeze.

Dr. Forest and Dr. Brotaw have started a Dispeneary downtown under the superyision of the Bulgara andiat their request and expense, e.g. the Bulgars expense.

NOV. 29TH. HEAVY ENGAGEMENTS TO THE NORTH. COLD WEATHER. SHELL HOLES IN OUR KAGAZINE ROOF.

A heavy engagement was heard all day in the direotion of Kachineek and it appeared to be no farther away or nearer than for the past few weeka.

It is now very cold weather and ice is on the ground every morning.

Today I sent letters to $\mathbb{K}$. Young, the U. S. Consul who was at $N i s h$ and enclosed copies of letters that I had written to Mr, Frothingham and the American Minister at Bucharest. I also sent a letter to Mr . Frothingham, and enclosed a letter that I had sent to Mr. Vopicka the AmerLean Minister \& Pucharest.

Rumors are again current that the French are attacking at Velioe.

I notioed today that there were many holes in the roof of our magazine. I had gone up on the fourth floor, the loft of the building to get some rope and notioed them. On going on the roof I found that it was covered with pieces of shrapnel and many of the tiles were broken. This had happened on October 22nd, at the Battle of Skoplje.

NOV. SOTH. IE REFUSE TO WORK TOR THE AUSTRIAN ARIKY. AUSTRIAN OFFICERS ESCAPE FROM THE SERBS.

Up late this morning and miased my breaifast but went in town for wounded at $9: 30 \mathrm{~A}$. $\mathbb{M}$.

The Auetrian Ober Lit. in charge of the Austrians here in Skoplje and the Austrian Priast, requested us to take five Austrian Officers to Sofia and bring back shoes for the Austrians here in the city, most of whom were wounded. While some of the Austrians had but one leg, many were in
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NOV. ROTH. FIRING HEARD TO THE SOUTH.
WE VISIT MLLE. NIKOLITCH.
good physiosl condition with two lege. So under the oircumstances I did not deem it advisable to allow them the use of our Red Crose Fords for such a purpose, se it would be simply equipping soldiers for work against the Allies and we were neutral.

The five Austrian Officers mentioned above had escaped from the Serbs at Prizren and had a hard trip thru the snow and were in very poor shape when they arrived in this oity.

An auto arrived from the Royal Palace at Sofia today. bringing a german Dootor and ohauffeur who had many interesting stories to tell.

Dr. Cornelius today heard Iiring to the south which means that the French are atill fighting in that direotion.

The hospital has now been full for two weeks and there are no empty beds at all.

Fox and I had a visit with M1e. Wikolitoh today in the presence of the Bulgar Comandant and obtained from her a letter whersby she turned over to us the custody of the thres aases of goods belonging to $M r$. Frothingham.
NOV. 21ST. THE BENZINE SUPPLY IS GONE, WE READ A LONDOII TIMES OF NOVEMBER 6TH.
The benzins supply has now all been used up so that it is impossible to carry on the ambulance work any more. I put In a strong bid to the Bulgars for a supply, at least two large drums is what I asked for.

Many new regiments of Bulgars arrived in tom yesterday and are headed for Tetova to the went.

NOV. 21ST. WE RECEIVE A LONDON TIMES! PRENCH BULLETS,
HERDS OF SHEEP FOR THE BULGARS AT THE FRONT.
A London Times of November gixth issue was given to Dr. Baehr by the German Dootor who was here yeaterday, and all enjoyed reading the news of the outside world. One column was haaded, "the Tragedy of Serbia", and told of the Bulgars being within seven miles of Nish and of the French fighting at Krivolak.

Mr. Baker and others heard firing today in a southeast direotion, so the French and the other lilee muat be making progress in that region. A wounded man arrived today, and stated that he was wounded ten kilometers this side of Velice, this appearing to confim the firing that we had heard in that direction. (It does not eeem probeble that the Allies have progressed as far as that however.)

Many herds of beef and sheop are being driven thru the hospital grounds, north along the Kachineek Rosd for the Bulgar Soldiers.

A great number of the wounded from the Velice Front have French Bullets lodged in them. It is dietinctive, being a copper covered bullet, larger then the Bulgar or Serb Bullet with a different shape. It seems to have a tendency to topple on meeting the resistance of the tissues, slight as it is and thus while the ontrance wound is small, the exit wound is large and often resembles a shrapnel wound in charaoter.

It is very cold now compared with the weather that we have been used to. The glass hovers continually between $40^{\circ} \mathrm{F}-50^{\circ} \mathrm{F}$ daily, as the sun naver is bright, due to the 20 W

























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NOV. 22ST. A BEAUTITUL SUN RISE EACH MORNING NON. COLD GLOOIKY DAYS.
lying clouds that are constantly present overhead and the snow covered ranges all about.

The sun rise in the morning is gorgeous, the dark gray of the night gradually becoming a purple fading away into a pinkish tinge and finally this pinkish purple olothes the snow on the mountains in a most wonderful color. This lasts for three or four minutes, when all becomes a brilliant pink for an instant followed by a golden glow which again covers the whole mountain range for a few minutes, and then day arrives and the gorgeous spectacle is over. We never tire of watching it norning after morning, when pleasant.

The Bulgars have now opened the Third Fieserve Hospital which has room for 2,500 beds.

A diviaion of Bulgare have arrived from Leokcevatz, after a fourteen days march over the snow covered hilla and muddy valleys. The distance is about 120 kilometers by a straight line and 260 by the road. In the afterncen a few went south to Velice.

Many-are dying in the hospitals and while I am writing I can hear the men in the morgue building the coffins of the one half inch boards. Fifteen died last night and ars awaiting burial.

HOV. S2ND. BULCAR SOLDIERS ARE VERY YOUNG. A CHILD WITH A FIBULA-LESS LEG.

Up early and as there was but little doing, I wrote letters all of the morning. About noontime Mra. Barlow heard firing to the south.

Mr. Lamb gave me X-Ray prints of the legs of the boy who was wounded and found to have no fibula.
















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NV. 2ZND, SHELL SHOCK CASES ARRIVE FROM THE VELICE FRONT. A TRENCH AREOPLANE SOARS OVER THE CITY.

Some of the soldiers axriving in the city westerday have gone to Tetova to reinforce the Bulgarians on that front. They are very young, apparently between the ages of sixteen and eighteen inclusive and have never been under ifte.

In the afternoon, thirty four badly wounded arrived, a. 11 have fractures and several are deaf and dumb and are "silly" due to shell shock from the explosion near them.

Abont four o'elock an areoplane of the biplane type, similar to a Farman, painted blue and white was seen coming from the direction of Mitrovitza in the north. It came swiftly following the Vardar River and the railroad and passed a short distance in the rear of the hospital, going gouth along the Skoplje to Salonika Railroed. All think it is a French Machine carrying dispatches from the Northern Serb Army to the French in the south. On the othar hand the Awstrians olaim it is an Austrian Machine.

Fixing was heard about ifve ololook, but te were unable to locate the direction from whence the sound came it was so faint.

Shortly after sunrise the fog swept in and sverything is hid from gight in the wet, damp vepor.

Ford the is now back from the repaix shop and in O.K. shape as far as we can 1 ix it.

Tonight we had a game of whist, the 1 iret since the one on the train in September on the way to Djevdjeli.

HOV. B3RD. DRS, BAEHR AND PLOTZ ON A TYPHUS VACCINATIMG TRIP. A COMMON ROOM OPENED FOR THE HOSPITAL STAFF.

This morning I helped Dr. Baehr and Dr. Plotz with their auto, as they are leaving for Velice to vacoinate the hospital employees with the typhus vaccine. There are many typhus cases among the soldiers down there.

We hear rumors of a typhus epidemic in Syria, Turicey.
It is still very cold and the stock of wood in the hospital is very 2ow, but two or thres more days supply being on hand.

The sterilizer in the operating room is now out of comiseion as there is now benzine for its operation.

A resting or coumon room wes opened todsy by Lady Paget after the nurses and men had been fixing it up for the past few days and it is very comfortable. Over fifty books are in the $2 i b r a r y$, many catalogues, a London Times of Nov, sixth and a piano. Due to the scaroity of wood, no fires are permitted in the rooms and no lampg are allowed due to the scaraity of kerosene. The cormon room however is allowed both.

Fumors arrived today that the French attempted to swing around the Bulgars by the way of petova, but wers driven beck.

A heavy fog has been hanging over all since yesterday and we were unable to see Block B. from our window in $A$. due to it. It is very risky businese running the auto in such weather as there are so many soldiers on the road. The scarcity of gasoline however prevents much activity in this line.

ROMAN ACQUEDUCT AT


SKOPLJE.

SHOWING CONSTRUCTION

Fishoraphy


OF THE ACQUEDUCT.

NOV. 23RD. A TRIP OVER THE OLD ROMAN ACQUEDUCT.
Fox and I made trip over the old Roman Acqueduct as today we had our first few leisure minutes. Engineer Pafcovioh accompanied us as we desired to see if it would be possible to start using it at a very little trouble.

The original sun dried tils pipe was heavily reinforced with lime and other pieces ofttile. Mr. Pafoovich is attempting to inish the work that our unit started and repair it so that it can be used by the city as it was in the past. The acqueduct is the weak place as this is the lowest part of the line and the pressure had burst the tile pipe in many places, where the head was too much for it.

The water is brought about fifteen miles and there must be about five hundred feet head at the acqueduct according the Mr . Pafcovich.

The aoqueduct is a bridge of masonry carrying the water across a small valley in the hospital grounds. Some date it back to the times of Augustus and the Roman kmpirs while others say that it was the work of Tsar Duchanne, the Serbian King in the fourteenth century.

The retreat of the Serbs stopped all work on it, as the Bulgars up to the present have no men to spare for auch work.

My overcoat was finished today, but as the blanket materoal was of a poorer quality than that the suit was made of,it is a poor ift, but very warm, which is all I want it for.

More Bulgar Artillery went over the road to the Tetova and Gustivar Front today and the Allied cause is dark.

NOV. 24 TH. ANOTHER INTEPNATIONAL DINNER. PRISHTINA IS CAPTURED.

I received another invitation to an International Dinner at the Greak Consuls.

It is surprising that no typhus has appeared among the Bulgar Troops here as they are covered with lice, when they enter the hospital

Dra. Baehr and Plotz failed to arrive from Velice last evening and I am mondering if they have had a breakdom.

Our room is so damp that our Austrian today built a wood fire for us and it is fine and warm now, No coal is to be had and I have never sein a coal stove in the country.

I took a waik in tom and back this afterroon, but was unable to hear any rumors, good or bad. A dearth of news hss existed for the past week or more.

This afternoon Dr. Baehr and Dr. Plotz returned from their trip. They heard that the French are atill retraating and that the guns oan just barely be heard at velice from the firing line to the south of that aity.

Prishtina has been eaptured and mitrovitza is expectod to fall soon as it is unprotected at the head of the valley to the north of Prishtina and surrounded on all aides.

There are no English at Krivolak, but they are rumored to be at Monastir. No nows of Prilep. The Bulgars believe that the French are retreating as they are blowing up all the bridges in their retreat.

We henrd no firing at all today, an exception.
Two typhus cases wore found at Velice, but the Bulgars discovered 2,000 pounds of sulphur that we had left there

NOV. $34 T H$. TYPHUS AT VELICE.
and they had alraady fumigated the hospital.
I attended another dinner tonight given by the Greek Consul at the Russian Consul's Home, as it was larger than his home. The same persons wers present as at the last one and in addition Dr. Armstrong and the Bulgar Governor's Searetary.

NG. 25TH. TYANFSGIVIHG DAY!! WE HAVE HALF OF THE TURREY TLOCK. Thenkagiving Day and it is dull and gloomy. Wood ia now so scarce none are allowed to have ifres in their rooms for there is but onuf for the cook stoves for a few days 2 onger.

A cold dinner of cold combeet (pressed), cold potato aalad and macaroni pudding. At night we had hot turkey and oabbage but the turkey had no stuffing or dressing and did not taste like turkey in the states. There are now eight turkeys left which will be aaved for Christmas, unless the Buigara get some more.

In the evening we played auction whist in the Common Room, my first game of auction since leaving the $S . S$. Athinai.

In the afternoon firing was heard in the direction of -erizovioh and Kachineek, but was very faint and it looks as if the Serbs were being driven fer array.
HOV. S6TH. A REAL SNOW STORM.
On ariaing this morning we found the ground white With snow and snowing hard, the first real storm and the second snow of the winter.

NOV. RGTH. WE NEARLY LOSE OUR MAGAZINE OF SUPPLIES. A DA Y OF SNOW. RUMORS OF HOLLAND'S PARTICIPATION.
I made a trip in town this morning and chaiked on the door of our magazine that Fox and I were at the Lady Paget Hospital, in qase any of the fellows should arrive in town. We have had no nowe from any of them since Stewart and his party went north on October 13th. to establish a field hospital on the Belgrade Front, and Gage and Bakeman Leaving on Ootober 30 th, to establish the refugee camp at Prishtina and Mitrovitza.

On arriving back at the hospital I met the Lt. Dr. Tchaperof and he spoke of utilizing our magazine in the near future as a hospital and that we mould have to move our stores elsowhere. I made strenuous objections as there were other places that could easily be used if necessary and reised the point that as the fighting was nearly over the work would be neediess. He had made arrangements for our rooms in a hotel nearby so that we could superintend the shifting of the stores for which we thanked him.

The snow continued all day, clearing at night.
Holland is now rumored to have been forced into the war, but it has not been confirmed.

This evening we played bridge in the common room, whiloh really has a home like atmosphere, altho everyone is talking of the possibility of the Allies coming to our relief.

NOV. 37TH. SATURDAY. MORE "SNEK". (SNOW)
MITROVITZA HAS BEEN CAPTURED BY THE AUSTRIANS. WOUNDED IN PITIFUL SHAPE IN THE STORI.

It was onowing hard this morning when the hospital awoke and a howling gale was blowing up and down the valley With the glass hovering around $33^{\circ} \mathrm{F}$. the wind being very damp and the cold biting.

Mitrovitza has been captured by the Austrians who came down thru the Sandjak of Novibazar. This leaves Prizren as the one romaining oity that has not yet been captured and the only one of any size left in Serbia, under Serb rude, with the exoeption of those in the south in the hands of the Allied Armiea, Djevdjeli, Doiran and Monastir.

It is a terrible ordeal for the wounded in this weathor and also for the well. It is much the same, loy, cold water, a strong north wind with the snow, sticking wherever it falle.

Wood is very 10 w and the fires in the hospital are few but it is hoped that itwwill last long enuf so that at least the wards may have the one stove in each kept burning. The Hacedonians who drive the ox wagons are a cold looking lot as they sit on their wagons, huddied up in their dark brown homespun clothes and the peculiar hood over their heads. In summer we smiled at this hood that dangled on behind, attached to the jacket. Occasionally it was used in severe rainotorms, but now one can see the use of it in this cold, bleak weather. The storms resemble the nor'sasters in New England.

NOV. 28TH. WOOD SUPPLY VERY LON. NO TUB BATHS, WE SET UP STOVES IN THE MAGAZINE TO SAVE PHINOTAS.

Today is Sundey or cleaning up day. It is the one day that everyone attempts to find time to pick up and make the hospital presentable.

It is a very cold morning the glass being down to $25^{\circ} \mathrm{F}$. and Skoplje is white with snow. The mounteins are simply wonderful.

Tox and I went down to our magazine and found that everything was ireezing up dow there. We hustied around for stoves and finally got six from Dr. Tchaperof who gave us six from the supply at the Grad, whioh number wae more than we needed. It was then necessary to get a few lenghts of pipe and elbows before we could set them up.

It is much colder than last winter according to the English who were here at that time. The strong north wind makes everything in the outdoor line of work miserable.

Rumore tonight tell of a Serbian Rout and that the French, south of Krevilak have been surxounded and that they have surxendered.

The Austrians and Bulgars have made a union at Prishtina and are now preparing to attack Prizren. It is most interesting to imagine the campaigning over the territory so far, as it is over country that I am familar with. The advance on Prizren is uphill work half of the way and affords the Sorbs many places to attempt a good defense.

The German Hospital Corps is scheduled to arrive tonight, with fifty four nurses, three doctors and many orderlies.

The Serbian silver dinar is now worth sixty five centimes and the banka is worth two dinara.

WOV. $38 T H$. GEPLAAN RED OROSS ARRIVE. THE RAILROAD OPERATES. WE BURN COAL IN THE STOVES.

Today permission was obtained from the Bulgars to obtain some coal at the railroad station. We imediately went down in our Fords using the slim supply of benzine that we had been conserving, and picked up the choice hunks and blooks of soft coal that we could find. The coal in this country ds of very poor quality and brom in color, but we found some of the good Welch Coal as the Eng2ish said it was and took that. We had some grates for a few of the stoves in the hospital and they are burning coal tonight.

Last night a train came in from Kachineek and today it went to Velice and returned. Tomorrow one leaves for Kumanova. The engine is an old one that had broken down and evidently the Serbs did not think it would ever rum, but the necessity of war knows no end and the Bulgarians have patched it up and are using it.

It is rumored that the Bulgars are building a narrow gage Line from Kumanova to the Bulgar Border, to transport supplies.

I gave Dr. ochaperoff today three letters to send home With Christmas Greetings, single sheet affairs.

Prizren was captured two days ago according to information that has been received.
HOV. S9TH. WE START TO HEAT OUR MAGAZINE.
Trains are running as on yesterdey to local points.
This morning we went down to the magazine and started to erect the six stoves as the water pipes are froze and We are afraid that the phinotas in the barrels will ireeze.

NOV. 29TH. HEATING THE MAGAZINE WITH WOOD STOVES. bULGAR TROOPS FROM THE NORTH ARRIVE.

We got the fires agoing good and in the afternoon started pasting up the windows that were broken with paper, so as to have the building in good shape for the fellows when they come back.

Thousands of troops, about 10,000 and six batteries returned from the north today and went south, towarde Vel10e. It appears that the Austrians are taking over the operations in the north and west, about Mitrovitza and Prishtina, while the Bulgars have the task of driving the French and English from Southern Sorbia.

NOV. 30 TH . COLDEST DAY IET. $20^{\circ} \mathrm{F}$.
REGIIENTAL BANDS BANDS RETURI VICTORIOUS.
Up early this morning and the gless said $2 z^{\circ} \mathrm{F}$. by far the coldest day yet. This morning Dr. Cornelius and I went into town shopping and bought a rug and a table cover for fifty laver and five laver respectively. They were very good bargains but coat more than they did last sumaner.

Hordes of Bulgars are returning from the Prishtina and Prizren Campaign leaving only two divisions up there according to their information.

This evening four regimental bands went thru the hospital grounds playing victorious marches as they went into Skoplje.

In Prishtina the Bulgar Soldiers inform us that bread is ten lavers a loaf.

Two divisions of Austrian Soldiers are on their way to Skoplje whence they are going south to assist the Bulgars against the Frenoh and English.


IN FRONT OF HOSPITAL.

HOV. 3OTH. BULGARS CLAIM THEY WILL CAPTURE SALONIKA. THE BULGAR MONEY SYSTEM.

They olaim that they are on their way to Selonika and it matters not whether Greece will allow them to go on Greek territory or not.

It certainly is a very dark hour for the Allios in this section of the country and the situation looks bad.

Tonight another game of bridge. Every one is trying to keep their spirits up but the English hare feel pretty blue altho they are conildent of the outcome. It was a great blow when the troops did not come north and release them.

The Bulgarians have now brought in much coin of their realm.

The stotinka $=$ centime $=1 / 5$ cent.
One laver $=\mathrm{a}$ franc $=$ one dinar or about twenty oents.
DECEMBER FIRST. ARTILLERY PARKED AT THE HOSPITAL GROUNDS.
Up early this mornign and at the first bell. Tony the Austrian Cook has got tired of ringing the cowbell, which serves as a bell for the meals and now gives but two short rattles instead of afive minute one as formerly. Those who do not come at once lose their breakfast. Nesdless to say, all are on hand as we have been on short rations for a time now.

All thru the night we heard the rumbling of wagona outside, the returning wagon transport of the Bulgars from the north. On arising seven batteries of Bulgar Artillery parked on the hospital grounds in front of our blook. It was quite a display.

Skoplje is the same as yesterday, the streets oromded

DEC. 13T. SKOPLJE CROTDED WITH BULGARS. THAWIVG OUT WATER PIPES.
with the Bulgar Soldiers, whioh made it very hard to run the Ford thru them without a horn.

We worked all day trying to thaw out the water pipes at the magazine, but in spite of the fact that it was but an inch in diameter, it was frozen between the walls and defied all of our efforts.

During the past four or five daya we have had no fire in our dining room at the hospital and it is mighty cold. weather esting under such conditions.

Many of the Bulgare who are coming thru now marched into Serbia thru Nish and Vrania and then south to Prishtina and Skoplje.

Hr. Shellings or rather he spelle his name Shellens, applied for a permit to go home on the twenty ninth of last month but as yet has reosived no word about it. He has received word from the Austrian Consul that they would have no objection to his going thiru their country to Switzerland and thence home, but the Bulgar Commandant has not yet said that he can go.

Dr. Cornelius has also been thinking of going home, now that work about the hospital is slack. The hoapital is full of badly wounded as all of the fractured are sent here as we have an $X$-Ray machine in operation. However as the Bulgars have not furnished benzine the machine cannot work. I put in another strenous word today for some benzine as our Ford can run but a few kilometers more on the three gallone that we have left in the tank.

DECEMBER FIRST. CANDLES USED NOW. KEROSENE NEARLY GONE.
A thaw thie afternoon was the first since the snow came on last Friday.

Absolutely no news the past Iew days, a censorahip apparently having been established which we are unsble to penetrate.

Kerosene is very scarce and candles have been used at the hospital for the past four weeke for illumination, except in the wards and in the dining rooms, the latter of which there are two, seating about thirty each.
DEC. BND. FOOD SCARCE, NO BREAD TODAY. SOLDIERS MOB THE BAKERIES.

The Bulgar Army is still passing thru. No bread was obtained for the hospital as the army commandered a. 21 for its use. The soldiers in town started mobbing the bakeries so that they put up their wooden shutters for proteotion.

It is cloudy and has been for many days so thet it is imposaible to obtain good photographs.

Punors arrived today of Pussian Invasion of Bulgaria at the port of Varna.

Today is warmer and the thaw continues.
No public reataurant is now open in town, Zurinaky's Whare we formerely ate by the banks of the Vardar is now used exclusively for the Bulgarian officers.

Tonight a haavp fog has settled down and all is ob11 terated.

DEC. 3RD. KREVILAK IS STILL IN THE HANDS OF THE FRENOH. WE FURNISH AUSTRIAN WOUIDED WITH BATH TUBS.

We made a trip in town this morning to see the quartees occupied by the Austrian Tounded who were at Prishtina and Prizren. They are in a filthy condition being covered with filth and vermin. There are so many lice that it is eurprising that we do not have an opidemio of typhus, but the first case is lacking, without which an opidemio can not start. Ons must have the kindiling matoh to start such a thing.

We will furmish them with ten bath tubs from our stores and three large kettios for cooking and heating water, with the reservation that those they have will be kept also and not sent on with the army.

Dre. Baehr and Plots arrived from their trip to Isver, and Velice and brought news of the French at Krivolak. The latter eity lise between the two armies with the valley between. The Bulgars have attempted many times to advanse but are unable to dislodge the Frenoh.

The Inglish are at Monastir, but the Bulgars have eaptured Prileg. Dr. Baehr attempted to go to Prilep, but the snow thres feet deop on the mountains prevented him.

There is reported to be a Frenoh Ariny of 250,000 in the south.

I made the aequaintance of the German Red Cross Unit today, nurses and dootors. Mr. Eiffe, a merchant from Hamburg is in oharge of the party. He was returning to Sofia and took letters for me to that eity from which he will mail them home, also one for the U. S. Consul and Stuart if he is there.

A dense fo: hung over all the whole day.

DEC. STE. PIRST NEWS OF STUART AND THE UNIT.
Mr. Little a member of the Columbis Auto Unit, that came over last sumer to drive autos, appearsd in the city today, having come south from Nish with the Bulgarian Staif, aoting as Offioial Correapondent.

He informed us of the doparture of $M r$. Stuart and the rest of the fellows that had gone north on October thirteenth and before, from Nish, leaving that oity on November Rirat, before the advanoing Buigars, and hoping to reach Honastir in sive Fords. He believes that Bakeman is with Stuart also. If this is true Gage and Tripeevioh are also.

Today rumors are around that the Serbs have captured Tetova.

Mr. Young the U. S. Consul at Nish left that oity with the Serbian Government. Little says that Young never got tired of telling the story of how he eacaped the Bomb dropped from a Eulgar Areoplane when he was detained for ten minutes at the Diplomatio Club. It seems that at a certain time each day lifr. Young is in the habit of going out and taking a definite atreet home, and if he had not been detained, he would have been exectly where the bomb was when it fell. To the fellows it was a huge joke and our brave consul never heard the end of it.

Little informs ue that just before the Bulgar invasion, Stuart received a telegram saying to take the Unit to Berlin but he was unable to get out of Nish as the railroad was out to the south at Vrania.

The field horpital that Stuart tried to start, worked but a few days, treating about five hundred wounded, when it was ordered to pack up and return to Nish by the Serbian

DEC. $\triangle T H$. NEMS FROM THE REST OF OUR UNIT. NEWS FROM THE OUTSIDE WORLD.

Government due to the rapid retreat of the Serbian Army, Mr. Little has no Idea where the fellows are now.

I sent a telegram to Mr. Kehl, U. S. Consul at Salonika as follows, "Fox and Osbom of the Sanitary Commission are at Skoplje. Notify Director Stuart. Send orders. Formard mail. ( 84 gned ) Osborn. "

Strange enuf a telegram was received from Mr. Kohl a.so later in the day, direoted to Dr. Baehr inquiring 11 Fox and Cornolius were in Skoplje. In reply we sent a message giving the names of all of the Americans, - Tancock, Eaton, Logan, Schellens, Fox, Cornelius, Peters, Osborn, Roberta Pargons (a nurse at the hospital), Forest, Broksm, and Klepel, Baehr and Plotz.

The heavy fog continued all day.
Ohrid and gurrounding to $n$ ge have been captured by the Bulgaris, thus separating the Engliah from the Serbs in Albaniz.

No rumors as to the sttituds of Greece.
Many German soldiers have arrived and are about, some in the gyiked helmets and others in the soft round fatigue hats, whioh are more comfortable. They look at the Fords and the U. S. Flag with ouriosity.

DEC. STH. ARRIVAL OF THE GERMANS.
THE HEAVY FOG IS NOW ON ITS FOURTH DAY.
Tonight many Germans arrived marching dow from Kachineok where they assisted the Austrians in fighting the Serbs in the Sandjak of Novibazar. Hany more are due to arrive on tomorrow. A regiment came tonight and wes quartered about the hospital, some even sleeping in the

A GERMAN SOUP KITCHEN.

GERMANS MARCHING INTO SKOPLJI


EAOH WITH A CANE!

AREOPLANES ARRIVE.


ARRIVAL OF


THE GERMANS.

DEC STH. SUNDAY. GERMAMS ARRIVE IN FORCE. QUARTERED IN TME HOSPITAL.

2aboratory, in fact any plaoe so that thay oan get some sleap. No Austrians have arrived up to the present.

The hesvy fog has now persisted for four days and we are unable to see across the grounds to the other buildings, at times even Blook B. is not visibie from our room in $A$.

Tho Maglish are quite depressed due to the coming of the German Soldiers,

DEC. GTH. A RECIMENT OF GERMANS ARRIVE.
( FOUR LINES OF THE DIARY APE WISSING AS THE NUMBERS OF THE GERWAN REGIMENTS WERE YENTIONED, AND I TORE THEM OUT WHEN LEAVING FOR AUSTRIA IN SOTIA.)

The troops are from Fehlin--- and are accompanied by the 32.3 th mechine gun corps, rith the guns on horses. One of the regiments wes the $248 t h$.

The trangport wagons slow up continually in the sver sticking mud, even tho drawn by four horeee each, and the snapping of whips is continuous. They left the Hungary Border on Ootober 25 th, and have been ever since on the way.

In the afternoon I took Dr. Plotz to the station in a Ford and saw the Cermans reviewed as they entered the oity, pesing before their regimental commander, prancing the goose-step and e.11. A fine regimental band furnished the musio and the natives were guite impressed. Occasionsily the commender himeelf mould bellow at some poor soldier who was not lifting his legs high onough and the poor soldier would endesvor to respond.

DIC. GTH. THE GERILAN SOLDIERS USE CANES!:
The Unit, (Lady Paget Hoapital), (four lines here missing that were on the reverse page of the other section missing) -.- interned until they leave for home thru Greece or Denmark.

The Germans have a peculiar habit, which was quite ruticeeble as we watched them come marching in fours, with a great smacking, slacking, ewishing and others sounds as they walked in the mud. Nearly hale of them were ueing canes;!! Occasionally one would be spruced up and look like a dandy on parade.

Field kitchens with hot soup accompanied the troops being drawn by one horse, the wagon having a narrow wheel base, presumably so that it can take the narrow trails thru the mountains.

DEC. 7TH. HONASTIR, KRIVOLAK, PECH AND JACOVITZA CAPTURED!! FOX AND I PREPARE TO LEAVE,
This morning Fox and I went in town to the magazine and alao in the afternoon, taking account of our stores, in preparation for turning them over to the Buagars. The fog continues and it is very hard to make progress in the Ford.

It is market dey and it was orowded with Germans, nearly all of whom wors the soft round fatigue oap, in place of the heavy helmets.

Krevilak, Monestir, Pech and Jacovitza, Ohrid and Struga all have fallon and the Allies are reported to be In a rapid retreat into Greece, thus causing troubla between Greece and Bulgeria and the rumors are that a crisis has arisen.

DEC. TTH. STUART ABANDONES HIS FORDS IN PRIZREN.
SERBIAN HOMES PILLAGED!!
Word was received thru a Serbian that there were five Amerioan Autos, ped Cross Fords, abandoned in Prizren and that stuart and his party had taiken to horses and were on their way thru Albania.

Another triumphal entry into Skoplje was carried out today by the Bulgars, with a regimental band and the soldiers seemed in a happy mood and glad to get back to the big city.

Also a rumor arrived that Dr. Ryane Unit in Belgrade had been interned and sent home.

I saw furniture being taken out of the Serblan Homes, the owners having fled, and the household belongings were being taken out for safe keoping according to the Bulgars.

I also saw many Serbians being taken along the streete under guard.

A shed in the rear of the hospital was torn down today for wood, so that the hoopital can run the cook stoves, in the kitchens.
DEC. BTH. WE FURNISH BANDAGES TO THE BULGARS. MORE BULGAR REGIVENTS RETURIT VICTORIOUS.
Bulgarian Regiments continued arriving today, with bande playing. While going in town this afternoon we passed a band and regiment going in, and then met a band and rogiment ooming out. For a forl moments there was a mix-up, as the streats are very narrow.

Arrangements were made with Dr. Tohaperof, who hes been very kind to us, to tum over to him fifteen cases of bandages and gauze with a few other supplies that we had in the storehouse.

Austrian soldiers appenred in the streete today, but

DEC. 8 TH. AUSTRIANS APPEAR IN SKOPLJE.
BULGARS FURMISH US WITH BENZINE AND OIL FOR AUTOS. most of them are officers, no full reginent having arrived.

The French are reported in full retreat thru Greece heading for Salonika.

We received from the Bulgars, 1,000 kilos. of benzine, (gasoline) and 200 kilos , of machine ofl for the autos. I immediately turned over 500 kilos to the Lady Paget Hospital for their use in the autos and X-Ray machine.

Wood has arrived in tow and Tony our Austrian Valet, managed to get some and build a fira in oux room and it feela fine to be warm in ones room again. However, no ife has appeared in the dining room as yet. All of the nurses and orderlies at the Paget Hospital have been informed that they will be allowed but one suitease and one trunk on the trip home, whenever that oomes. It is expected that they mill be allowed to go in about four Feaks.

I am going to try and see the Austrian Ambassador and make arrangements to carry home the personal property of the fellows, who left it here when they went north in October.

Two hundred and seventy Serbians, prisoners of war, arrived here today and are quartered in the buildings about the lopitel. It is rumored that they are to be allowed to roturn to their homes as there is no more Serbia to fight for.

Fog appeared again todsy making nearly two weeks of no sun, no clouds visible, nothing but fog and everything is wet and sticky as a result.

On the advice of the Bulgars, I took down the Red Cross Flag from the storehouse leaving the U. S. Fag up however. This was done at the suggestion of Dr . pohaperoff, who eaid

DEC. $8 T H$. OUR RED CROSS FLAG HAULED DOWN. I SECURE SHELL CASES FOR SOUVENIRS.
that the red Cross Stores were liable to seizure by the rules of war. I do not fear the Bulgars will take it, but I am not sure of the Germans. We hope that sooner or later the Allies will come up and then the stores that we are holding on to now, will oome in useful for the Allies.

We secured shell cases at the railroad station that had been used by the Serbiane in their fight at Prishtina, sgainst the Austrians and Bulgars. They are the $1 i g h t 75 m m$. field piece type.

DEC. 9TH. TYPHUS IN VRANIA. GERMCAN AVIATORS ARRIVE. THE FOG STILL CONTINUES.

Dr. Baohr was taken into our magazine this morning and given any of the supplies that he desired for his work.

In the afternoon word came of typhus at Vrania. It was decided not to take up supplies until we were sure tgat it was typhus exanthematici and not abdominalis or what we call typhoid in U. S.

Frord came that Djevdjelii has been captured by the Bulgars. German aviators with machines have arrived in the oity coming by auto from Nish over the road. More machines are coming for the campaign in and about Salonika.

Still more fog, where does it all come from and where will it ond. Everything is damp and clammy. dEC. LOTH. SERBIAN BOY STUDENTS ARRIVE FROM PRIZREN.

Late last night 120 Serbian Boys who had beon students in a sohool at Prizren, arrived from that city having walked the whole distance, altho short of food and no place to sleep.

DEC. IOTH. DR. PLOTZ GOES TO VRANIA. SERB BOYS ARRIVE. slesp. Last night they slept in a hotel down town, but today it was taken by the Bulgar Officers and they were ovicted. Tonight they are at the hoapital, sleeping in one of our large hospital tents that we had here at the hospital and they look real comfortable.

The Bulgars say that in eight days the railroad will be open to Nish, but it is the same old stpry. If it is true Fox and I are going to try and get word to Washington or leave. The Nish, Pirot to Sofia road is reported running.

Attempts to find the Austrian Consul yesterday were futile and today I sent a telegram to the U. S. Ambassador at Berlin, about our unit going to that city.

Our cook Martin, who was cook at our Nish Camp is now in Mitrovitza and wo are anxiously awaiting his arrival here.

In the common room, we are reading and rereading the two months old papers and the London Times of November sixth and eleventh that the Germans gave us.

Not a watch or clock in the hospital agrees, some varying two hours in the time and all claim to be right, with no way to win a bet.

Dr. Plotz has gone to Vrania with Dr. Tchaperof to see if there is typhus there. If there is I will go up with Fox and attempt to clean up the city.
DEC. 11 TH. AN AMRRICAII FORD AT PRISHTINA,
Word came today that one of our Fords, presumably the one Gage and Bakeman took, is at Prishtina, smashed up by shell fire.

ALI SERBIANS HAVE ITINE DAYS TO LEAVE IEN SERBIA!!!
DEC. 21 TH. OUR FORDS REFUSE TO RUN OIT HEAVY OIL. RUMOR THAT CONSTANTINOPLE IS CAPTURED!!

Lately in the cold weather the Fords have refueed to run on the castor oil that we had to put in as there was: no other and this congeals over night. So we opened the barrel the Bulgare gave us and find that it is a fine thin 0.1 and now the Fords work better, after being emptied of the cathartic.

A rumor has arrived that Constantinople has fallen to the Russians, whioh rumor is printed in the Bulgar Newspapers.

The Serbians in Wew Serbia, the part of Macedonia, won in the war with Turkey in $2912-13$, have received word to lesve the country in nine $(9)$ days and go back to old Serbia Where they were before the year 1912. This is causing no end of talk as it will cause untold hardship on the women Who have husbands in the war and no one to help them move.

Another German Regiment, the 64th. is in town.
The Fog still continues and is very depressing. I have never seen anything like it. It started on December Sscond and we have not had a let-up or seen over and eighth of a mile since, when at times it thinned a $214 t 10$. Usually it is ao thick that we are unable to make out any objecte over twenty yards away.

We inquired of the Governor or Prefeot today about Mr. J. W. Frothingham's three boxes and he replied that the Commandant had gone to Velice and up to the present time an inventory had not been made, but that the boxes were atill in Skoplje, and that they would remain here until he retumed.

DEC. L2TH. OUR MAGAZINE RAIDED!!!
Again the rumore arrive that Constantinople is oaptured and also that Rumania has demanded the port of Varna from Bulgaria, for which price she will remain neutral.

Greece and Bulgaria have exchangad ultimatums.
On going to our magazine this morning, we found that it had been raided during the night, having been entered by a scuttle thru the roof and every box in the place had been opened, including Dr. Hankeyis trunk, the two boxes belonging to Mr . J. W. Frothingham that we inventoried yesterdsy, Magoon's box and other things. Altogether, I sent a. protest in to the Bulgar Comandant, as the building next door, a tobacco factory, had a roof adjoining ours, and as it was used by the Bulgarg es a berrack, it is probable that the soldiers entered from that building and 200 ked over everything.

The following were taken, - three suits, Go pair of rubber gloves, many bandages and gauze, one small truni, four boxxs of personal supplies and other personal property of the fellows for an unknown amount. It was a sorry looking mess, thinge having been flung about in great diserder. I put it up to the Commsndant so strong that he certainly did look as mad as I was, and he replied that he would investigate. I add I wanted more, that I wanted the thinga stolen brought lack.

Trains are now running to Mitrovitza and the trains are to run to $N i g h$ in four or five days, the same old atory. There are too many bridges blown up on the Nish Road.

Dr. Plotz is back and reports the cases as typhoid in Vrania. A cold dinner tonight due to the lack of wood.

DECEMBER 23 TH . TIE CLEAN UP THE MGGAZINE.
SERBIANS AND HORSES DIE OF STARVATIOIN.
I RECEIVE A TELEGRAM FROM COMISSIONER MOLAUGHLIN. This morning Fox and I repacked the material that
Was opened at the magazine last gaturday evening. We also cleaned up the rooms and sorted over the material belonging to the fellows, bringing Dr. Hanky's trunk and other personal belonginge to the hospital.

We met Ar . Tohaperof who was very much surprised to see us as he thought that we were at Vrania fumigating. We explained as there was no typhue we did not go.

Kany dead horses are $l$ ying about, five being seen from my window at the hospital. One hundred and twenty serbiane were brought in. Some were wounded and others had been frost bitten especially in the feet, during the fighting over a week ago about Prizren. They reported that many Serbians had died along the roadside of exposure and starvation, especially along the Ferizovioh Road.

Four letters from Mother and a telegram from Comissioner of the Massachusetts State Department of Health and a letter from C. J. MoK, a Canadian soldier came to me today and it makes on feel good to recsive mail. No mail is alLowed the English however.

Commissioner KoLaughlin's telegram was received at Salonika on October 27th, and rasd as follows, -"Want you for District Health officer at once. Cable reply." ( si gned) "MoLaughl in"
It had been over a month coming from salonika.

DEC. 14TH. NEWS OF STUART AT SALONIKA.
FOX AIID I REQUEST A PASS TO SOFIA.
Today is market day, not even war being allowed to disturb the Hacedonian Habits.

One of the nurses received a letter from Bakeman, one of our unit that left Skoplje on Oot, 20th. for Prishtina. He writes of Stuart and the party who were at the Nish field hospital, arriving in Prizren and going by horsea and walking to Konastir, reaching the latter city after a ten day walk. One day they had nothing to eat at all. They are now at Salonika and have been informed that Fox and I are at Skoplje.

On their trip to Ferizovioh and Prishtina by train on October 30th, they were fired at by rifles on the way, as they rode on the roof of the railway cars, presumably by Bulgar Irregulars or Comitadjas.

On learning this Foxa and I made our first attempt to Leave, visiting the Commandant with Dr. Tchaperof, and writing a request for passes for Fox and mysel? to be allowed to proceed to Sofia. This was as follows,To The Commandant, Skoplje. Dear Sir:

We, the undersigned, members of the
American Red Cross Sanitary Commision, request a pass, allowing us to proceed to Sopls at once. Respectfully yours,
(Signed) s. H. Onborn. M. D.
C. ㅌ. Foz. C. I.

American Red Crose Sanitary Commisaion.
We hear that Roumania is causing Bulgaria serious concern, and that Greece will not allow Bulgaria Troops

DEO. 24TH. THE ETERITAL TEN DAY OPENING OF THE NISH RAILROAD. THE FOGS CLEARS FOR THE FIRST TIME SINCE DEC. BND. sUGAR SCARCE.
pass her border; but that she will allow German Troops to pass. This is the old inborn suapicion that one Balkan State has of the other, that an advantage onee attained w112 never be given up.

Agein, today, We learn that the Nish Railroad will be open in ten days more. This we learned from Director of the Railroads Karakachief tho is a splendid man.

Todey the fog eleared, for the firet time since the First of tha month we see the hills about us covered with snow.

Many of the German autos are in the repair shop due to the bad roads and the resulting 122 treatment. Some have holes thru the underslung gasoline tanks, others have broken springe and all are short of shoes and no new oness are avallable.

The mud is terrible and it is practically impossible for the cars to go thru it except at $20 w$ speed, which means over heating and constant stopping to cool off the engine,

Fumors now say that in about three weeks the hoapital unit will be allowed to go home. This corresponds with the opening of the rasirosd as Director Karakachief informed us,

Sugar is now giving out and each member is allowed but four lumps dsily for coffee, tea, pudding such as it is, and all elge. No sugar is to be had in the oity,

DEC. $15 T H$. GERILANS LEAVE FOR MONASTIR. AUSTRIANS LEAVE.
Al tho we have received mail from home, none is allowed to the Inglish as they are beligerenta..

The Germana in Skoplje have all left they having proceeded to Monastir, whioh is the first step apparently to try and eapture Selonika from the Allies.

No fog today but the sun has not yet come out.
This morning the majority of the Austrians who have been working about the hospital, left for home, taking the train as far as Mitrovitza and then walking the reat of the way. Most of them were happy and yet they did not care to go, chiefly because they were now to again become soldiers and eight. I gave a "nspoleon to my"bolnitcha," the Austrian Orderly who has been taking care of my room and he, kiesed me good bye.

Tomorrow Drs. Plotz and Baehr go to Berinn and I shall do their typhus vacoinations for them at $V$ rania, where they have already vacoinated 400 men in the hospitals and the second and third doses must be given.

I sent a telegram to Dr. Molaughlin by Dr. Baehr as follows, -"Accept District Health Officar, Coming as soon as possible. Osborn". It will be sent via the U. S. Consul at Sofia or Vienna.

One thing in the food line is still holding out and that is jam and biscuite, and tea, the three things that and Englishman can make a meal of and feel perfectly comfortable.

DEC. 16TH. WE RECEIVE PERMITS TO GO TO SOFIA. WE WILJ LEAVE SATURDAY THE 28TH.

Another, the third day of no fog, altho the sun hae not yet appared.

We made a trip to the magazine, looking things over, so that we oan leave at once when our permits arrive.

Tonight when we were s.11 gathered in the comon room permits to go to Sofia arrived for Fox, Schellans and myaelf. Dra, Baehr and Plotz also received theirs.

We vill leave on Saturday the aighteenth. We could not leave tomorrow as \#4 suto was all spart and we will have to go by auto to Kistendil, the end of the Bulgarian Railraod, near the Serbian Border. DEC. 27TH.

Drs. Plots and Beehr 2eit for Vionna this morning.
Dr. Helmsstrof, the Swediah dootor, and Dr. Lipaich the Swiss dootor elso received permits, Sistar Madison the Anerioan nurse received hers also.

We will take $M x$. Schellens tomorrow when we leave. He is Irom Groton Connecticut, but heving been edueated at Oxford as a Thodes acholar has a very pro Ally atrain in him and at times is very hard to gubdue.

NOTE:- Mhis is the end of the diary proper, the remaining portion being irom a pooket diary and letters written home.


DEC, 28TF, FOX AND I LEAVE GKOPLAJE (USKUB) BY FORDS.
This morning Fox, Sohellens and I bade sdieu to the Lady Paget Hospital, the doctors and nurses and left in two Fords at 8:30 A. M, the autos baing 基 and \#4. Arriving domtorm I paid Kosts Popovich, our mechanician, blacksmith and interpreter, the amount that was due him and had a spark plug replaced, taking one from a German Auto by the road.

It was a cold, foggy and damp morning. "Bud" Popovich, a brother of Kosta, or "Gus" as we called him, is going along with us as interpreter to the Bulgar Frontier, beyond Which he does not dere to go.

It was finally $9: 20$ A. M. when we left the Popovich home, and headed for Kumanova, by the road that went by the Poly Meset Hospital that we knew so well, along the banks of the Vardar River, thence out on the plateau, where we got caught between the lines at the Battle of skoplje on October 2ind. While we were glad to go, we felt as if we were leaving home and eapecially hated to leave the meny friends at the hospitsi. As were unable to comunioate with anyone we felt thet it was the only way however.
"Bud" and Fox were in 昔 and Sohellens and I in $\frac{H}{6} 4$. Trouble soon developed, $\#_{4} 4$ running only on three cylinders and would not take any grade on high gear. On arriving at Kriva Palanka, examination disclosed a short cirouit andshe ran better, taking all the hills on high except two, as far as Stratein. One of these hills was deep in mud, and it took four of us, a Hecodonian sesisting, with the ongine in low, to push both of the Fords up the mucky, miry, slippery hill. It Was hot Work up that four hundred feet.


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DEC. $28 T H$. SKOPLJE TO KUMANOVA TO STRATSIN TO KRIVA PALANKA.
It was slow time we were making. It took three hours to Kumanova instead of one and a quarter usually, and it was five hours to Stratsin inetead of three and a quarter hours as we had planned by past experience.

The thousands of bull carts laden with military suppliea and two batteries of German Artillery, eight inoh gune, proved to be delaying factors as the road, especially along the crest of the divide between Kumanova and Stratsin was very narrow with a sheer drop down for the carelasa driver. Indeed We saw one bull carts go over a bridge ahead of us, but the driver eaved himeele by jumping.

From Stratain on the roed was new to me as I had never had oecesion to be slong the eastem border of the oountry. We Iinally reached Kriva (Egri) Paianke at 5:25 P. M, shortly after dark, this being the last Serbian Town before reaohing the Bulgarian Frontier. We put up in an enclosed courtyard, whioh was full of sheep for the Bulgar Commissary and In the corner where we were, large stacks of hay for the axyy.

We cooked cocos over our alcohol (solidified) stoves and. had supper on canned comedboef. In town we bought a loaf of bread at an exorbitant price and after taking off the outside Which wes filthy, enjoyed the inside for we were more than hungry.

Then the Bulgarians learned of our intended trip over the mountaing to Greohevo and Kistendil tomorrow they immediately said that it was impoasible due to the snow, slush and mud. $\mathrm{y}^{\mathrm{m}} \mathrm{n} y$ autos had triod many times larger than our 2ittle Forde but had failed they said.

ENROUTE TO U.S. STOP FOR


NIGHT AT KREVE PALANKA.

DEC. $18 T H$. WE LEAVE SERBIA FOR BULGARIA AND HOIE.
Thon it mas time to go to bed and we retired early, for We were dead tired, Schellens decided that he could not sleep in the autos but mowld need a regular bed, and as a result Left Fox and I. "Bud" also went with him. We did not mant to leave the gars for fear that our blankets, food, duffebags and even gasoline would be stolen, so Fox alept in one Ford and $I$ in the other, making as comfortable a bed as we could under the efroumetances. At least we tried to sleep and at firet we were real werm due to the hot cocon, but it soon grew very cold and we used overcoata and all we had for warmth. Then the sheop in the yard were restlese and hungry, and would come up to the hay pi20 near our Fords to eat the hay, and as soon as they did that the straja (guard) would come and ohese thom off, thon amidst the noise wo would wake up. Thus the task of getting to sleep would start all over.

DEC. 29TH. WE LEAVE KRIVA PALANKA FOR BULGARIA.
Fox and I were lap early simply besause wo could not sleep and both of us hind 2 ans backs. We started getting breakfast and "Bud" and Schellens soon put in appearance and fotned ur at coo0s, brend, cormod boof and oraokers.

At day-break we started for what we hoped mould be the last lap of our foumey and tonight wo should bs in Solía.

The road was all that we had been warned, narrow, winding and mud. Shortly after atarting we pasaed a division of Bulgere, so we slowly progressed along the odge of Kreevar River, a turbulent mountain stream, from which we

SERB-BULGAR BOUNDARY


HOUSE ON MOUNTAIN TW

CAPTURED SERBS REPAIRING


THE ROAD Il BBULGARIA.

SKOPJE TO SOFIA.


AT TOP OF THE DIVIDE.

SCHEBLENS, OSBORN, "BUD", BULGAR.

DEC. 19TH. TE ARRIVE AT GUECHEVO, BULGARIA,
turned to go up one of its two terminal branohes. The road now became very steep and the mud became slush and at times anow. Soon we left the riverfar below as we went up the mountain range that separates Serbia from Bulgaria.

Several times we had to get out and push, being helped cheerfully by the Bulgar Soldiers that we would meet. Every one seemed to know that we were Amerioancki's, even tho they did not know that the flage on the side of the auto were U. S. Plags. The autos overheated continually and we soon used up the extra five gallons of water that we carried in a benzine can for reserve. Whenever the Bulgars saw us atopped by the side of the road cooling off the engine, a group would come over and calling out "halde; would tackle the machine and putting in $20 w$ gear wo would again go up the mountain. Twice we were stuck and Germans were passing, but in epite of our requests they would not assist us in any way and smile at our predicament. In a may it was funny, for hare was a perfectly good Ford, but the hill was too steep, and unless we had assistance we would have to walk or return to Serbia.

About noon we saw the goal of our endeavors, the top of the divide, and as we approached, many Serbian Prisoners were passed working on the road, making it over with broken rock so that Bulgar Artillery and Supplies could be more easily moved into Serbia. Once at the top we sam the boundary stone between Serbia and Bulgaria and nearby a Red Cross Relief Station, where we had tea with the Bulgar Red Cross men stationed here.

ON OUR WAY TO THE U.S.


A PUNCTURE IN BULGARIA.

SToR:-
"Bud", Schellens and Fox

DEC. 29TH. AN ALL NIGHT STOP AT KISTEMDIL, EE IEET DR. BAEHR. From this point on we had an excellent wide military road, and the going was excellent, the best we have seen in the Balkans during the winter months. From the top of the divide we had seen the smoke of Guechevo, and it was a swift drop we had down the winding, descending, wide road into this town. I went to the railroad station and asked for a plat car to transport the auto to Sofia. I planned to take one to Sofia and "Bud" would return to Skoplje with the other one.

I was refused a flat car here so I proceeded to Kistendil, where we arrived after having one puncture, shortly after noontime after a splendid trip but hungry.

We were a dirty tired group and went into a small barber shop to get washed and a hair out, and met Drs. Baehr and Plotx, who had left Skoplje the day before we left, in a large German Touring car, and we had supposed that they were in Sofia by now. The auto that they started in was unable to stand the travelling as vur Fords had done and it broke a reax axle between Kumanova and Krive Palanka. They had travelled the rest of the way by ox wagon and walking, and they were a tired and muddy looking pair.

They had met Dr. Bernsdorf in the oity, the Bulgar Samitary Head of the Army and we had a very interesting time with him.

We arrived in Kistendil shortly after two o'olook, had a hair out, lunch, met Dr. Bernsdorf and then proceeded to the station and put in a bid for a flat oar to take the one Ford to Sofia. Immediately there was trouble as they told us we had been working in Serbia and therefore they could not

DEC. 29TH. WE ARGUE AND GET A FLAT CAR FOR OUR FORD.
essist us unless we paid. As our funds were $10 \%$ this "as impossible. In the Balkans if one wants anything, the best thing to do is to keep on talking, which I did and Fox used his best German and soon after a forty five minute session we had tickets to Sofia and a slat car for the Ford. We immediately put the Ford on the train before they could change their minds.

The train was due to leave at $6: 30$ P. M. so we had an early dinner and went to the station after saying goodbye to Dr. Bernsdorf.

It was an all night wait in the dirty, smoky, musty station. The Bulgar Officors fook us into the Red Oross Lunch room in the station and there we saw the night thru, in a room full of Bulgars, dimly lit by a few candles listening to the guttural Slavic Language as it is spoken in the Balkans.

Fox and I took turns at sleeping as we had to keep an eye on the baggage that we had. Schellens was tired and "hit the bench"where he lay in slumber deep.

We know found that the baggage that we had brought was going to be a problem. We had six duffle baga, four suit cases and three bundles with bedding. Schellens had a small bundle that he could sling over his shoulder. He could speak German well and it helped in many plases. He had a habit for sticking up for the Allies and again and again we found it necessary to put a cheok on him and ourb his talk for it would cause attention and be noticeable.

DEC. SOTH. KISTENDIL TO SOFIA, CAPITOL OF BULGARIA.
After an all night wait the train left at 5:00 A. M. and with two engines on front we left for Sofia. It was a climb up the mountaine, as there is a range between Kistendil and Sofia. We passed many interesting places, and saw real forests for the first time in the Belkans.

When we arrived at the top of the divide, one ongine was taken off and soon we sam the oity of Sofia, out on a flat piece of country, quite different from what we had been accustomed to. As we came into the railroad station we saw trains of German Hospital oars waiting to take back the german Wounded and it was guite an impreseive sight to see the oars already in Bulgaria. It was 22:30 P. M. when we reached the oity and immediately we took little dwarf electrio cars, and for a two oent fare were carried to the Splendide Hotel, the only one in which we could obtain rooms. These were the first electric cars that we had seen since last June, as I had seen none in Serbia, the only oity in that country having them, being Belgrade. After dinner we started out to find the American Consul. and soon found Louis Einstein, Charge d'Affairs to whom we told our atory and of our desire to leave for U. S. He was very kind and as we were Leaving we met Mr. Murphy, the Consul General. We had dinner with Mr. Einstein and he arranged for our passports, permits and other neosssary material.

At night we had dinner with Mr. Nurphy, Mr. Einstein and a german Hollander and had a very pleasant time.

We returned to our hotel about midnight and fell asleep at once. Hers was also a surprise in the sanitation line, for I saw the first flush oloset since leaving Athens in June.

DEC. 21ST. IE SEE SOFIA AND LEAVE FOR LOM PALANKA. ENGLISH PRISONERS IN SOFIA.

During the day we saw the city, Schellens and Fox taking in the hot bathe, which they reported as excellent. Mr. Einstein had delegated his seeretary to assist us during the day in obtaining visds from the Austrian Ambassador, which we would need in order to get to and thru Austria. We secured everything except jur permits to leave which the aecretary said would be brought to our hotel in the afternoon.

The train left for"Lom", as Lom Palanka is called here by the natives, only twice a week, Tuesday and Saturday, so that we were fortunate in arriving as we did, as we would get away tonight.

After an early dinner so as to be ready, we began to get worried as our permita had not yet arrived. When ones permita are held up in war times, suspicion is oast on one as an undeairable by all who are acquainted with the facts.

When we arrived at the hotel, we had to leave our passports with the hotel manager so that the police could inspect them, which we had done all according to form, and they had been inspected, stamped and returned by the Prefeoture.

It soon was 7:00 P. M. and we waited, having packed up ready to go at a moments notice. About 7:15 P. K. the secretary arrived breathless atating that the Bulgars had overlooked the permits due to the rush of other business.

At once we started, Schellens went for a cab, Fox paid the bill and I saw that the baggage was all down and on the cab, giving the old Turk porter an Amerioan tip for hurrying.

DEC. 21ST. CATCHING THE LOM EXPRESS ON THE RUN.
Piling the baggage on the fiacre, we left for the atation in a hurry, Fox and Schellens with the baggage and I followed With the secretary in his fiaore.

We had about five minutes at the station and with the aid of the seoretary (he was a wonder) saw the Station Master, who passed our permita and passports with a stamp, bought tickete, and with porters rumning for the train dow the station platform with the baggage we got on board, just as it started. These were the first railroad tickets that we had bought sinoe leaving Salonika in June, and it seemed strange to have to buy, as in Serbia we had passes everywhere. mhe train was packed with a miscellaneous gathering, and there was no ohance to be alone, so we stood in the aisle most of the way to Lom, where we arrived at 11:00 P. M.

Lom is a weird place eapecially if one is a stranger arriving at night. The station is about two miles from the Danube River and lit only by a half dozen oil lanterns carried by guards. We unloaded our baggage and piled it on a fiacre driven by the usual Turk and then went to see the Commandant of the station who acts as ouetom house officer. After seeing that our permits were in order, Schellens here using his German, wo had them stamped again and boarding the fisores, ae we found two necessary, were driven to the boat landing on the Danube, two miles away, over the rough cobble stone streets, only to find that the boat was late.

We were here going to take the boat up the Danube to Orsova, the first Austrian Port, from which place we go by train to Budapest and Vienna.

DEC. R1ST. AN ALL NICHT WAIT AT LOM, ON THE DANUBE.
The boat was due to leave at 2:00 A. M. but it did not come until 5:00 P. M. Leaving our baggage in the middle of the road in plain aight, we went up the road about three hundred feet to the Inn that we could see. It was very cold and our fingers were stiff with the short wait of the ferr minutes at the landing.

The Inn was typical of what we had seen, full of smoke and Slavic Language, Pilthy air and men. The nationalities present were as usual of every description, Turks, Germens, Roumanians, Austrians, Bulgars, Americans and others we could not make out.

For our own protection we ordered the eternal black coffee, which tastes good on a good cold night and amoked. Every hour the rumor would come that the boat had arrived when evryone would run down to the landing only to be deceived and come back to the Inn.

There were present sailors from the German Battleships Goeben and Breslau, whioh had early in the war eluded the English Fleet in the Mediterranean and reached Constantinople. DEC. 2RND. A BEAUTIFUL SATL UTP THE DANUBE BY ROUMANIA.

The boat arrived at 5:00 A. M, and as soon as we were aboard the boat started at sunrise up the river. It was wonderful and quiet after the noisy strenuous days we had been thru. The Roumanian Shore was marshy and we sam but few signs of habitation. The south shore was of rolling hills and cultivated. We stopped at three or four landings for passengers and freight. As we progressed we saw the Serbian Mountains once more, but all in the hands of the Bulgars. The Roumanian Shors was now getting wooded and

DEC. SBND. A NIGHT ON BOARD THE BOAT ON THE RIVER. hilly. Then night approached the boat stopped at one of the landings and tied up for the night. On seeing this state of affairs we secured three bunks for three kronen apiece and turned in. The river shoals were too dangerous to continue up the river at night. The meals on boards the boat were excelient.

DEC. 23RD. OUR BAGGAGE SEARCHED AT THE ORSOVA CUSTOM HOUSE.
We were awakenad in the morning by the starting of the boat. The passenger list was an international affair. There were Egyptians, Cermans, Austrians, Swiss, Bulgars, Turks and our party.

The Egyptians talked English and were very interesting in the story of their trip from Egypt thru Palestine to Constantinople. They had sugar with them and shared it With us as the boat had none. phey said that no sugar was obtainable at Constantinople and many had been arrested for hoarding supplies.

We arrived at Orsova at 9:30 A. M. and sam on the way the Iron Gates of the Danube and also the many pontoon bridges by which the Austrians had invaded Serbia.

At the Orsova Custom House we were attended to 2ast, and then had to take out all of our baggage. The Commandant, on hearing that we were Americans was very kind and let us thru at ones. He had friends in Nem York Oity.

Taking fiacres to the Orsova Station, about two miles away, we checked our baggage and had a dinner by the station in a dirty little inn.

The train left about 1:00 P. M. and we reached Tomisvar at 9:00 P. H. where we had to change trains. It was always

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DEC. 23RD. SUPPER AT TEMISVAR. OII TO BUDAPEST.
night when we changed trains and was very disegreeable. However we had made it a plan to eat whenever we had time, so we went into the large dining room at the station and had by far the best meal for a long time.

After a two hour wait our train arrived and at 11:00 we started for Budapest and Vienna. There were no sleeping cars ordining cars aboard, so we had to sit up in a crowded compartment with Sive other people, with no chance to lie down.

DEC. 24TH. ARRIVING IN BUDAPEST AND VIENNA.
It was a eleepless night and very tiresome sitting up,or standing up continually. As day approached we passed and stopped at many stations orowded with soldiars leaving or arriving from the front, greeting or bidding their friends goodbye.

Wo reached Budapest at $10: 00 \mathrm{~A}$. M. and finding the Vienna pxpress did not leave until a:30 P. M. we took a room at the Hotel London and had a grand wash and rest, faling asleep on the beds after putting in a call to be called at two o'clock.

Arising at 3:00 P. K. we went to the station and got aboard the train for Vienna. When the conductor came around we found that our tickets were for the loeal train so that we had to pay out 6.90 kronen more for fares on this express.

It was 6:30 P. M. whon we arrived at Vienns and leaving our baggage at the station took the electric cars to the Hotel Bristol, where we had a grand bath and a wash in general.


## Bread Ticket, Vienna. 70 grams of bread - for each meal.

DEC. $24 T H$. AT THE HOTEL BRISTOL VIENNA.
Turning our ohecke over to the hotel, our baggage soon arrived.

We had our dinner served in the small grill room as our uniforms were badly so11ed and the worse for travel.

While eating dinner, in walked $k r$. Young the Consul that we had met in Nish, and who we had supposed to have fled with the Serbian Army in their retreat and to be safe in Salonika.

His story was very interesting. He had fled with tha Serbs to Tohachak, but remained there and was captured by the Bulgars, returning to Wish and thenoe to Vienna, a very easy way out of the muddle.

He introduced us to Mr . Halstead the Consul Goneral at Vienne and we spent the evening in a talic fest.

In the large dining roon wes a Christmas Tree for tomorrow, but $H r$. Young baid that every one was foelilic preity blue as each one had lost many friends and relatives in the fighting.

To bed early and in a oivilized bed. Another bath in a real bathtub, the firat since Athens in June.
dECEMBER 25TH. CHRTSTMAS DAY. AT VIENMA. CHRISTINAS DINNER WITH IR, HALSTEAD.

This morning we find that all persons going from one section of Austria to another, (from one war zone to another) are held ten days, so that we will be delayed.

Fortunately I met Mr. Dolibar at the Embassy and he has made arrangemente so that I can probably leave on the 27th, the 26 th, being Sunday.

BREAD TICKET USED AT VIENNA. THREE SQUARES OF 70 GRAMS EACH HAVE BEEN USED, ONE FOR EACH MEAL. See Page 251

DEC. 25TH. OHRISTMAS AT VIENNA.
In the evening we were invited to Christmas Dinner by $\mathbb{M r}_{r}$. Halstead the Consul General at the same hotel and enjoyed a inine dinner, even having plum pudding at the end.

To bed early as all feel tired after the trip. DEC. 36TH. A DAY SIGHTSEEING. SCHELLENS AND FOX RECALLED.

Today was spent in walking about the oity and sightseeing. I cabled Commissioner MoLaughlin in answar to the telegram I received in Skoplje concerning the offer of the position of District Health Officer, as follows:
"I accept. Am coming at once". (Signed) Osborn.
Now it is up to be to get home by February 25th. up to which time the position will be kept open.

A telegram arrived from Stuart requesting all who dem sired to, for relief worl among the Serbian Civil population, to return to Sofia. Fox and Schellens have deoided to return, so that I will go home alone, sltho I dread the trip with the amount of baggage that I will have accompanying me, five duffle bags, two suit-cases, and a box full of red Cross peceipte and records.
DEC. 27TH. VIENNA TO INNSBRUCK. BREAD TICKETS USED.
My necessary permits wers on hand early and another day was spent in seeing the sights.

I have enjoyed the time spent in the oity very wuoh, especially the excellent and abundant food at the hotel. The only meal that was a little small was breakfaet which consisted of honey, coffee and bread. Bread Tickets were distributed to each guest by the hotel management each morning which sllowed each person 210 grame of bread daily, or 70 grams for each meal.
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DEC. 27TH. LEAVING VIENNA FOR SWITZERLAND.
I tried to have the whole 310 gram for breakfast, as I could get plenty to eat at the other meals, but this was "verboten".

When night came Sohellens and Fox accompanied me to the station about seven $0^{\prime} 0$ lock to assist me in getting the baggage off. I then bade goodbye to Mr. Dolbar, MMr. Young, Schellens and Fox and went aboard the train.

This morning Fox and I had an audience with Mr. Penfield, the U. S. Ambassador to Austria and had a very pleasant session with him.

It was 7:50 P. M. when the train drew out of Vienna and I started for the Austrio-Swiss Frontier.

I had gone thru the baggage with Fox as soon as he found he was going to remain, and gave him sverything in the line of elothing that he might reguire or that would make him more confortable. This included the heavy Red Cross blankets and folding cots. I sold him the high knee elk-skin boots that I had obtained from Harrington in Ootober, when he left for home. Studded heavily with nails they were in excellent condition and many officers we had met desired to purchase them.
DEC. 38TH. I ARRIVE AT INNSBRUCK AND REACH ZURICH AND BERNE. TWO CUSTOMS AT THE FRONTIER. BAGGAGE SEARCHED.
On waking up I found that there had been many delays so that it was daylight when I reached Innsbruck, in the Austrian Tyrol, and the city is the center of military operations against the Italians on the north. The railroad yarda are full of military supplies, piled high on platforms and loaded on cars. The eity is nested at the bottom

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DEC. 28TH. IN THE AUSTRIAN TYROL. I MEET MY EGYPTIAN FRIEND. of the Austrian Alps, which are all about the city, showing black where the steep sides will not permit the snow to oling and the tops are white with snow.

We soon left here after a half hours wait and after a short trip came to the border, where I had my first troubles as all baggage had to be emptied for customs. The inspectors went thru all without a word until they oame to the box of papers when I thought for a moment I would be arrested as a spy, for they thought I must be taking atate aeorets. Then they saw the humorous side and laughed at the bushel of papers I had. They conferred with their officer who came over and asked me if I had any firearms or munitions of war. I replied I had two Serbian Bayonets, whereupon he requested me to bring them forth. These at once he recognized as Austrian tools that the Serbs had captured in the campaign of 2915 and as Austrian munitions were not allowed to go out of the country he took them and told me to pack up and get on the train. In the meanwhile he stamped my passport with the usual stamp and off we started for Switzerland.

I reached Zurioh at 6:00 P. M. and strangely enough ran into one of my Egypian Friends that I had met on the boat on the Danube River. We at once had dinner together and then parted as he was going to remain in the city for a week, whereas I was going on to Berne on the 7:00 P. H. exprefle.

On going to claim my baggage and have it put on the Berne train I found trouble again waiting for me. Again it was oustoms and when I thought of opening up the duffle bags again I felt faint. I at once started to argue, putting




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DEC. 28TH. CUSTOMS AT ZURICH. TO BERNE. up a good line of noise and jestures that I learned went a long way in the Balkans. Occasionally I would bring up my poor French and then throw in some Slavic for effect. Finally I showed my passports and asked for someone who could talk English. Soon a man came and when I told him I was trying to get the Berne express he said alright. My baggage then went on the Berine train and I followed suit. We came to Berne at $9: 25$ P. M. and I learned from fellow passengere on the way of a good hoteltto stop at. I met Germans and English officers on the same train and it seemed rather an extraordinary situation.

I secured quarters at the Hotel Suisse leaving all the baggage except a suitcase, at the station. Here I engaged a room and a bath, and had a good swim and then into bed, leaving word to be celled early so that I could start the rounds of the embaseies early and get my permits into Franoe and home.

DEC. 29TH. I VISIT THE AMERICAN, FRENCH AND ENGLISH EMBASSIES. I was up early and at once went to the American Legation only to find I wes too early. Soon Mr. Charles Campbell Jr . Secretary of the Legation arrived and listened to my wants. He at once informed me that I would need a new passport and also new photographs of myself, taken today. It seemed impossible that I could get away today with all of that program ahead of me. Mr. Campbell was very kind and took me in tow, over to the French Legation where I received instructions how to proceed and where to have my photograph made in a hurry.








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DEC. 29TH, I OBTAIN IEN PASSPORTS AND PHOTOGRAPHS IN A HURRY.
The Frenoh made outmy passports, with the exeeption of the photo, and I then went to the photographers and had a pioture taken and he told me to come back at 12:30 P. M. This would give me time to get the piotures and get to the French Legation before it olosed at one o'olook.

In making out the paseports, the Frenoh placed on the passport my destination, and as I manted to get home as soon as possible, they placed Bordeaux as this destination, for all passengersahips now sail from that port to the States. They could not furnish me with a time card showing whan boats would sail, so I asked to have it put on the passport, that if $I$ found on arriving in Paris $I$ could make better time by going to England and sailing from Liverpool, an option that would allow me to do this. This they refused to do.

This I did not like, so I headed for the English Legation and met Captain Edward B. Hanan who liatened to my story and soon gave me a letter which would aesist me on reaching Paris to make this change if I so desired, the letter being directed to the British Consulate at Paris. I then told them of the Lady Paget Hospitel and the excellent way in which they were being treated, which was contrary to the reports that they had received. I then hurried back to the photographers and got my photos and thence to tha Frenoh Legation where I received my passports. There was a long line waiting in front of the Legistion to recelve passports now and I considered myeelf exceedingly fortunate.
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DEC. S9TH. TO PONTALEUR AND PARIS.
I now bada goodbye to Mr, Campbell and went and had Iunch, spending the afternoon at sightseeing, for my train to Paris does not leave until 8:00 P. M. Berne is a very pleasant oity. It is mild weather here now and very different from what I had expected. On the train yesterday we passed thru many tunnels, one of which was very 20 ng and then we would pass deep clear lakes, with the wonderful refleotion of the black mountains and the snow oapson thom. Occasionally the olouds around the mountains posks would seam bewitched as the wind drove the clouds 2ike a mist about the peaks, the clouds blowing about, up and down, as if they were boiling.

After a hearty dinner, I went aboard the train and we soon came to Pontaleur the French Border Custom town. It was easy to pess the baggege thru here, but I was taken into a little room, recently built in a corner of the main room and questioned closely as to my knowledge of the troops and troop movemente in Austria, Bulgaria and Gerbia. It was a surprise to be questioned thus, a Neutral Red Cross man. and I told them what I thought of them and refused to answer any questions. I did tell them of the good treatment that the English Hoapital Units received et the hands of the Bulgars but that was all. They then thanked mo and relasssd me, stating that they had to agk the questions they did as France was fighting for her life.

We then boarded another train and left for Paris.
DEC. 30TH. I ARRIVE IM PARTS.
There were no sleeping cars on the train so I slept as comfortable as $I$ could sitting in a compartment with five













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DEC, 30TH. AT PARIS. PASSAGE OII THE S.S.LAFAYETTE SECURED. French officers and have an interesting talk with them. They are returning from the Pront and are more or less illthy. Lice are no uncommon animal to see on anyone in uniform, be he a privato or general, if he is just from the front.

Then morning arrived it was interesting to watch the country, the little whits farmhouses, great ilelds of berbed Wire, several hundred feet deep, thru which the railroad track ran. The numerous canala thruout the country was a new sight to me.

The train reached Paris at 11:30 A. M. and I at onoe sought a Cook's Agent tho directed me to the office of the General Transatlantic Company, the S. S. Lafayette of that inne sailing on January Firgt for J . S.

Taking a taxioab I started and fortunately secured a atateroom. I then wont to the Polsoe Station to present my oredentials and secure a pass to Bordeauz. On reaching there I was politely told they had no interest in me as my destination was Bordeaux.

I then went to the Southern Railroad Station and checked my baggage, which I had been taking about the oity with me on my taxi for saiekeoping. I found that the train laft for Bordeaux at $8: 00$ P. M. so hed the whole afternoon for sightseeing. I visited the park where captured German guns were on exhibition, saw the Eiffel Tower and its wirelegs outfit and other interesting aights.

I exchanged the last bit of money that I hope I Will have to for a while. Each oountry that I have entered has



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DEC. 3OTH. PARIS TO BORDEAUX.
kept me busy exchanging my U. S. Bank Notes for the coin of the particular Realm I am in. It was guite a task in getting the exact amount to carry one thru a country without having an excess amount of the coin when arriving in the next.

I neglected to mention that in Bulgaria, at Sofia, I exchanged all of my gold francs, ohiefly French, for U. S. Bank Notes of one and two dollar denomination. I did this to avoid having the gold taken from me, as no country will allow gold to be taken out. The only gold coin I had at all was a twenty dollar goldpiace that $I$ started with from Iew York.

It was a night trip and as usual sleep was attained only in eat napa my sitting up in the oompartment and getting into as comfortabls a position as possible.

DEC. 31ST. IN BORDEAUX.
The train reached Bordeaux at 7:10 A. M. and put up at the Hotel Terminus, not a pratentious hotel, but as I was to stay but one night it was handy, being a part of the railroad station.

After a oleaning up I visited the police station and got the necessary visd on my paseports and permite so that I can leave the country. The ship sails tomorrow at 3:00 P. 16

I returned to the hotel and went to bed at one o'olook in the afternoon and slept into the night awaking about midnight, very hungry as I had skipped lunch and dinner. JANUARY FIRST. SAILING FOR THIE UNITED STATES.

I ate three meals in one at breakfast and my waiter felt sure that I would burst or have a misfortune, as he

JANUARY FIRST. SAILING FOR UNITED STATES.
put it. After broakfagt I had my baggage sent to the ship and took a walk domtown and bought some collars and shirts to mesz on the ship, as a.ll I had was a gray shist such as I had been wearing so far.

Bordaar is up the Gironde River about iffty or more niles from the ocean and the ships oome right up the river to dook. I sat a troopship loading up with troops that are going to the Congo. It was a sad soene seeing the peuple gaying goodbye.

Many of the ohurches in the oity had wireless outfits attached to the steoplss, at least thoy rosembled churohes.

I spent the morning and early afternoon aighteeeing, having many talks with the French mounded that walk about the beautiful parks. Most of the soldiers heve uniforms that are very much the worse for mear, the blue being faded out long ago but they ars full of ifght and spirit.

At $3: 30$ P. M. the passengers 111 od up the gangway on the ship and the Police Commissionerb Representative examined my passports and passed me aboard and I thought my troubles were over.

I hed just gone around to the opposite side of the vessel, when s man waiked up snd asked me if I had any gold, and when he showed me hie badge I diaplayed my twenty dollar goldpiece, which he at once took, saying that no gold coin wae allowed to go out of the sountry. I at once put up a loud noise and demended my money. He said to 10210 m hm , but I refused saying that the money wae American and was mine.

Soon he returned with another individual who asked me who I was and the goldpiece was returned to me without any

JANUARY FIRST 1926. SAILING FOR UNITED STATES.
explanation for their actions. I thanked them and felt relieved at the ending.

The boat was late in sterting down the river and it Was midnight when she was set Loose and started on her vojage. It mas a pleasant aail past the oity, watohing the beacons and fliokering lights. I went to bed soon after midntght.

At dinner I met an Americen engineer and two Amerioan Nurgos at my table so that it made things very pleasant Indead. The nurses had been working for the past aix months at French Base Hospitals in paria and fasther north.

The engineer had recently come from Italy where strangely enough ho had met Dr, MendelBon of our Unit who left for home in Deomber aftor going thru the Serbian Retreat thru Montenegro and Albenia.

JANTARY GECOND. WE LOSE SIGYT OF PRANCE, ESCORTED BY A SQUADRON OF DESTROYERS.

Last night we had anohored at the mouth of the river and remained there until $2: 20 \mathrm{P}$. M, when the anchors were pulled up and we sailed proteoted by a pair of dastroyera.

The days run proved to be 236 miles and all on board enjoyed it very much.

The boat is new, this being her third voyage, and she is fitted up in colonial colors, blue and buff, with but for glaring colors or brass work.

JAN. 3RD. A ROUGH DAY.
I mas up early to enjoy the trip, but ahortly after breakiast the Bay of Bisoay began to get rongh and choppy,




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JAN. 3RD. ROUGH WEATHER WITH ZEALS ON DECE.
and soon everyone began to feel the effecte of it and I was no exception. Our whole table then proceeded to get into the steamer chairs and thereafter for the next few meals had our meals brought up to us. We could eat on deck but not in the dining room and there were but few Tho could.

Days run today was 340 miles.
JAN. 4TH.
I remained below nearly all day, going up late in the afternoon fora littie air.

Daya run was 392 miles.
JAN. 5TH. OII DECK ALL DAY.
I felt much better and romained on deok all day, having my meala aerved on deck also with the two nurses and the ongineor. Days run was 386.

JAN. GTH. TE PASSED OUR GIRST SHIP.
Today was a little rough but the weather was beautiful and I had my meals in the dining aalon.

Deys mun was 393.
JAIT. 7TH. COLD HEATHER AND A HOTLING SNOT STORH.
The water was calmer today, but at night the aea came un and when I rotired it was snowing hard.

Days run, 396.
JAN, $8 T H$, THE STORM CONTINUES.
It was much colder and the onow otom was a hard 61e, ioe forming all over the ship. The whistle was blowing every thirty seconds. Days run 394,




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JAN. 9TH. SNOW AND COLDER.
The storm had lessened this moming on going on deok but it was much colder than yesterday. When in Paris the papers stated that it was very cold and that $\begin{aligned} & \text { Hew York mas }\end{aligned}$ having blizzard after blizzard, so we will probably find the eity snowbound.

The days run was 390 and we are now but 618 miles from the Ambrose Channel and 1 ightahip.

JAN. 1OTH. WARMER WEATHER BUT THE SEA IS STILL ROUGH.
On rising this morming I found the air very mild and warm, so we mut be in the gulf steal. No overcosts were needed and unlike the previous days, no msves were coming up on deok at all. The ice on the ship began to melt and by night mas ontirely gone, with the aid of axes in the hands of the aillors.

JAR. 11TH. NET YORZ:! THE STATUE OF LIBERTY!
This morning we awoke to find ouraelves in New York Harber and at $9: 30$ A. M. We docked. I was soon thru the customs with my baggage and bought tiokets for the night train to Weshington, where I will report to the red Crose Headquarters tomorrow.

JAN. 12TH. ZASHINGTON, D. C.
I left New York at 18:30 A. M. snd after an all night sleep in the Puliman, arrived in Fashington shortly after seven o'olook. After breakfast I went imnediately to the ped Croge Hesdquartere on H Street, where I reported to Kajor Patterson and others on the Red Crose Force. Here I also met Mr. Kean who aoted ss Dr. Strong's sseretary in Serbia and we had an interesting time talking about conditions in Serbia,






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JAN. 12TH. AT WASHINGYON. TO NEV YORK.
Al2 mere very much surprised at my trip back, so quickly did I come. Skoplje to New York City in twenty five days by the routa i came would be nearly a record peace time, using the conveyances that I did. To do it in war time with passports and permits was a great surprise to ell and to myself when I heard of the troubles other ped Cross men were having.

I left Washington on the $4: 20 \mathrm{P}$. W. train for Nev York arriving in New York lato in the evening. JAN. 13TH. NEW YORK TO BOSTON AND HOWE.

Leaving New York on the 23:30 A. W. train, I had a comfortable night on the sleaper and arrived in Boston at $8 ; 30 \mathrm{~A}$. M.

After a light breakfast, I visited Technology and the State House and then homs, after and eight months trip, during whioh I visited eleven Ruropasn countries in the southern psrt. of the continent.

*     * THE END OF THE DIARY * *



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## THE SONGS OF THE AMERICAN RED CROSS

SANITARY COMMTSSION TO SERBIA DURING 1915.
"the National Anthem"
Ita a long may to dear old Serbia, Ita a long way to go.
Ita a long way to dear old Serbia, To the lonsiest job I know.
Good by, home and mother, Farewell old Broad way.
Its a longs long way to dear old Serbia, But I vil2 come back some day.
(Tune of "Tipperary".)
"Evening prayer"
We're all Forking for the Red Cross,
All the live long day.
We're all working for the Red Cross, Driving the lioe away.
Can't you smell the sulphur buming,
So no more will be born.
Don't you see them all a'turnin',

(Tune of "I'va been morking on the Railraod".)
"Lios and Sulphur"
There's a $11 t+1$ e pile of sulphur burning, and burning,
Down in my heart for you.
There 's a little louse that is a orawing,
He ments you, he doj;
So, run, run, to your house again,
Pum, man, keop that stuff aflame,
For there's a $114 t 2$ e zouse that is a crawling,
And craw 1 ing to You.
(Tune of "There's a Little Spark of Love atill Burning".)
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 स5 wisu 50
504 xam 2i. 28 nota $\qquad$
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$\qquad$ $12, \times 13$
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## AMERICAN RED CROSS SONCS. (Cont.)

"Red Cross Man".
Red Cross, fed Cross, ped Cross man,
Run this way, just as fast as you can.
Light up the sulphur and seal up the doors, ped Cross man.

Maybe, there hiding behind the chaire, Ready to spring on your underwear,
Shave your beaxd and cilp your haiz. Red Orose man.
(Tune of"Yams Yoma Man")

## We erie on Our Way to Nish Today".

We're on our way, to Nish today,
$B^{\prime}$ neath thooe sholtering tento, we want to stay.
We hope to live nother day, if we drive those lice away.
We're soxtimental for our sweethearts gentle, that we
こert in the U. S. A.
We'te on our way, to Nish today,
So help us, won't you say.
(Tune of "Handalay".)
One on a foll members of the Unit.
As $M x$. Taylor needs a $\lambda 1 f^{\circ} \mathrm{e}$ belt, T. Nas very stout.

As the Colonel needs a straight,
As Kitohel needs a haix cut, And Mendelan neode a mats.
As Hazelhurat needs a $21 f$ f boat,
And the Missus, she does to,
As Serbia needs the ped Cross, dear, Thats how I need you.
(Tune of "Thats How I need You").

NOTE:- These songs were composed in the salon of the S. S. Athinai shortly after leaving New York in May, and most of the fellowe had a word at the wording of them.
$\qquad$



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$\qquad$


 $1,1 / 2+10$ 4）造电 $3=21$ － $1-\frac{1}{4}$ 41 $\square$

$\qquad$
$\qquad$

 40

AND SERBIA.
In Jacovitaa (Djakovo) Montenegro.
Timo: June 23rd. to July 7th.
Clement B. Chinn. "Mikaelovitoh the interpreter.
In Peoh(Ipek) Montenegro.
Juiy 5th, to July 30 th.
C. B. Chinn. Mikeelovitch and Regick, intexpretere Carl E. BHek.
E. H. Gage arrived July 29 th and remained for a week.

In Mitovitza, Serbia,
August 8th. to Sept. 8th.
Richard S. Lyman. Luis De La Pena.
G. F. Laughlin.

George W. Taylor.
Otis T. Campbell.
J. E. Harrington.

Estus H. Magoon, Aug. 39 to Aug, 31st.
Captain Schattner, interpreter.
In Dievdieli and Doyran, Southern Serbia.
Sept. 24 th. to Oct. 13 th.
J. E. Harrington.

Otis T. Campbell.
G. F. Laughiin.

Walter S. Standifer.
H. E. Berger.

Luis De La Pena.
B. W. Taylor.

In Skoplie Oot. 23th, 20th.
H. E. Berger.
E. H. Gage.
G. W. Bakeman.

Charlee P. Crafts. Charles E, Fox.
Capt. Schattner, interpreter. "Tom" interpreter.
C. E. Fox.
Mr. Tripcevich, secretary and interpreter.

到 Skop2le Oot. 30th. to Dec. 28 th .
C. E. FOX

Dr. Cornelius of the unit was also in Skoplye (Unkub) but is now with the Lady Paget Hospital.
Drs. Baehr amd Plotz.
$\square$ $2(2)+2$
$\qquad$




TO SERBIA IN 1915.

## April Unit.

Dr. Richard P. Strong, Director.
Dr. Thomas W. Jackson, Chief Sanitary Inspeotor.
Dr. Hans Zinsser, Bacteriologist.
Dr. Andrew W. Seilards, Clinical Laboratory Assistant.
Dr. George C. Shattuck, Clinical Assistant.
Dr. B. W. Caldwell, Hospital Administration.
Dr. F. B. Grinneli, Assistant Sanitary Inspeotor.
Mr. Walter S. Standifer, Assistant Sanitary Inspector.
Mr. Luis De La Pena, Assistant Sanitary Inspector.
Mr. Hobar̂̂ D. Brink, Şecretary.

## May Unit.

M. I. T. Men.

Mr. Fdward E. Stuart, in oharge.
Dr. Albert $F_{\text {. Comelius. }}$
Dr. Stanley H. Osborn.*
Dr. Ralph W. Mendelson*
Dr. Harold H. Mitchel.*
Mr. Eatus H. liagoon.
Mr. Eliot H. gage.
Ur. George IV. Bakeman.
Mr. Henry E. Berger.
Mr. B. D. Bates.
Wr. J. E. \#arrington.
Mr. Carl E. Buck.
Mr. Albert W. Buck.
Mr. Charles E. Fox.
*Harvard-Teohriology School for Health Officers.

Panama Men.
Mr. Clament B. Chinn.
Dr. Fleetwood Gruver.
Mr. Gerald S. Laughlin.
Mr. Charles F. Crafts.
Mr. George W. Taylor.
Mr. Otis T. Canpbell.
Mr. E. D. Gayle.
Mr. F. P. Bravo.

Harvard yen
Mr. Rionard S. Lyman.
Mr. Hazelhurat.
Mr. T. R. Schoonmaker.
Johns Hopkins.
Dr. John J. S. Schmitt.

Other Members Who Arrived in Summer.
Mr. Kean, secretary.
Dr. Baehr.
Dr. Plote.

Dr. Castellani was in charge of the Laboratory from the beginning.
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$.2004+204$

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## EQUIPMENT FOR EACH MEMBER

Furnished by the Red Cross:
1 Norfold Jacket Suit and riding breeches, Forestry Green Cloth.
3 Khaki suits made same style.
1 pr.canvas and 1 pr. leather leggings.
1 campaigh hat and 1 service cap, same color as uniform.
3 gray flannel shirts.
1 mosquito bar.
1 folding cot.
3 pair rubber dressing gloves.
1 American ped Cross Blanket.

1. duffel bag.

1 ouse proof Suit.

1. Special passport.
 . 44050 H595


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## Contents Map of Serbia

THIS EADK DOES NAT EIRCULATE




[^0]:    ALBANIAN RIFLES.

[^1]:    OVER THE EDGE AS THE ROAD GAVE WAY.

