





CARPATHO-RUSSIAN YOUTH PAGE

FOR VICTORY buy United States Defense BONDS and STAMPS!

This page is set aside for all Carpatho-Russian Youth and their problems.

BACK TO SCHOOL

Now that the war is over, the American public is confronted by many domestic problems. Of these, education is one, which demands immediate attention since our future progress depends upon it.

precipitate good music, to enjoy an opera, to understand poetry, or to write for pleasure. These are only a few examples which enable you to see that there is more than an education can give through knowledge and a good job — it is enjoyment of life.

At the Dubrovsky State Horse-breeding Farm shortly before the war they raised a splendid group of trotters — Star-Gazer, Skipper's Wife and Rhumba — which covered the mile in 2 minutes 7 seconds and 2 minutes 8 seconds.

Strengthening Soviet-Polish Friendship

IZVESTIA wrote editorially August 18: The signing of the Treaty on the Soviet-Polish State Frontier and of the Agreement on Compensation for Damages Caused by German Occupation, between the Governments of the USSR and Poland, constitutes an important step in the cause of a further consolidation of Soviet-Polish friendship and the strengthening of peace in Europe.

The heroic Red Army has liberated Poland from the German invaders. A radical change of Polish policy, both domestic and foreign, the establishment of democracy, the renouement of the oppression of all other nationalities and a desire for rapprochement with the Soviet Union, have marked a historical change in the relations between the Polish and the Soviet peoples, and have brought about the alliance.

IN EUROPE

As we have already seen from letters written by our brothers and sisters in the war-torn parts of Europe, our Slav people are in desperate need of help. The end of the war to them meant not only a stoppage of the fighting and bombing but also the possibility that aid would come from us.

The Treaty on the Soviet-Polish Frontier is an expression of the fundamental principles and specific features of Soviet foreign policy and constitutes a classic example of the solution of major problems in a spirit of friendship and concord in the interests of the two countries, for the purpose of the consolidation of general peace.

The Soviet Union went even beyond the Crimea decision and generously ceded to Poland additional territory east of the Curzon Line in the Zapadny-Bug River — Solokia area, and part of the territory of the Bjalowiez Forest in the Niemirow, Jakowka sector. In these places the deviation from the Curzon Line, established by the Crimea decision at five to eight kilometers, reaches 17 to 30 kilometers in favor of Poland.

Trotting Season Begins

By Alexander Lyass

Trotters of pure Russian and Russo-American stock are again training at the Moscow Hippodrome race course, which for the past three years had been deserted, except for vigilant anti-aircraft gunners on the lookout for Nazi aircraft.

Turkey. One of the horses was named Smetanka (Cream). His grandson, Bars I (Panther) became the progenitor of a new breed of trotters subsequently known as the Orloff type.

SAMOVARS AGAIN

The samovar is a purely Russian invention, but who actually had the idea first is still wrapped in mystery. Only one thing is certain — the original samovars were made in Tula. At the peak of peacetime production, the local factories turned out more than 600,000 a year.

Now, these people who have lived miserably during this terrible war, continue to suffer. We, being in a favorable position, can help them. By contributing as much as possible which means digging deep, to the Russian War Relief and by giving good used clothing to the Russian Relief, we will be showing in one way our sympathy and willingness to help our Slav brothers and sisters. Our youth in American must take an active part in helping them.

At the Berlin Conference the leaders of the three powers also defined in principle Poland's western frontier, embracing Polish lands which had been held by the Germans. Thus have been established the borders of a viable Polish state, the new, strong democratic Poland which the great Allies and all her genuine friends wish to see.

eastward to north of Bransberg — Galdap, up to the point where this line meets the frontier line described in Article II of the present treaty."

Noteworthy in the signed Treaty and Agreement is the faithfulness to the decisions of the great Allies, and also the speed with which they are being implemented. The Treaty on the Frontier constitute an implementation of the Crimea decisions and also reflects the Berlin Conference decisions.

The Agreement between the USSR and Poland on the question of compensation for damages caused by German occupation represents also an implementation of the Berlin decisions. As is known, at the Berlin Conference the Soviet Union agreed to use its own share of reparations to compensate Poland's damages. The Agreement, signed August 16, establishes the dimensions and conditions of such compensation. And in this case what matters is not only the equitable and practical settlement of the compensations but the very principle of the solution of the problem. The Soviet and Polish Governments recognize the fact that tremendous damage was caused to both countries by the German occupation, "the elimination of the consequences of which requires the prolonged and strenuous efforts of the Soviet and Polish peoples."

This is something more than a simple reparations settlement: this is the spirit of mutual assistance, the will for collaboration for the sake of the earliest rehabilitation and the peaceful prosperity of the two fraternal countries, whose cordial friendship is a guarantee of their prosperity and the basis of a stable peace in Europe.

JUST FOR JUNIORS

Science: THERMOMETERS

Since we can not use our senses to test heat accurately, we must have some device to measure temperature. This device we call a thermometer. Thermometers work because substances expand when heated and contract when cooled.

temperatures. Then, mercury was used because it doesn't boil at such a low temperature as alcohol. Oven thermometers are made of metal because metals also contract with cold and expand with heat, as the liquids do.

You can demonstrate this by hanging a weight at the end of a long wire. Fix it so the weight just clears a table top. Heat the wire, and you'll find the weight resting on the table. Heating will have lengthened the wire.

Although this may seem a simple observation, it is nevertheless very important to the engineers when they build bridges. In laying tracks, an allowance for expansion and contraction must be made. We notice in the summer that telephone wires sag while in the winter they don't.

Getting back to thermometers, after we've observed the effect of heat, we consider two principal scales for temperatures reading — Fahrenheit and Centigrade. The fixed points (boiling and freezing) on the Fahrenheit scale are 212 and 32. On the Centigrade they are 100 and 0. Because Centigrade is easier to figure, it is used everywhere but in England and the United States. It may soon replace Fahrenheit entirely, and standardize temperature reading throughout the world.

Science: Water evaporation in Plants. The temperature of living things is lowered when water evaporates. Perspiration occurs when the human body is warm. When the perspiration evaporates, it cools the body.

In plants the same or at least a similar thing happens. The underside of a leaf has pores (stomata). Water passes into the air from them. The stomata close tightly in dry spells to reduce the loss of water. It has been figured that an average oak tree gives off about 200 gallons of water daily. For an acre of grass, the figure would be 1,600 gallons, or six tons of water!

It is easy to show that leaves give off water. Cover the rim of a glass of water with vaseline and put a cardboard on the glass. Slit the cardboard and put the stem of a geranium leaf through it so that it reaches the water.

Now cover the rim of an empty glass with vaseline. Turn this glass upside down over the leaf. Put the whole thing in sunlight. After a few hours, the upper glass will be misted over with tiny drops of water. The water entered the stem, traveled upward, and then was "transpired", or given off, in the upper glass.

To show the effect of light on this process, repeat the experiment. This time, however, do it in a dark closet instead of in sunlight. You'll see that not nearly as much water appears in the upper glass.

To see how water rises in plants, make a fresh cut at the end of a celery stalk, and put it in a glass of water that you've colored with a few drops of red ink. As water is transpired from the leaves, the red ink will rise in the stalk. After a few hours, you will be able to observe that the red ink has entered the leaves themselves.

NOTE

The first prints of the documentary film The Banner of Victory Is Hoisted Over Berlin have been released in Moscow. Soviet cameramen, headed by the well-known Stalin Prize Winners Yuri Raizman and Vasil Belayev, recorded the fighting in the streets of the German capital and the events of the last day of war. They also filmed the unconditional surrender of Germany and her armed forces.

1945... ями, "до- нтого жи- акова ук... м всего енском из проф. П. ся таке за- хорошо, здесь... амого дня Богослов- Москов- делегация г в сопро- копа Яро- кого Алек- . Встрічена ут делега- фессорску лся Малый юдном йо- нститута олов, про- проф. С. В. гор инсти- Дереников нститута евский. ой совітом ой інфор- нститута и общезитне , порядок, разами, — печатинне й, напоми- сь кельи и й обители о отмечено и печата- и запроше- лекции. В италася о. догетки, а ектором по пожелали о в инсти- слади разом Алексийом гой лекции. ции гости ку библио- котру, они га. м отзы- востановка, рой жизни ти на поси- впечатал- де) . РАТЬЯМ юрд, Конн- тро пережи- краю в ні- гота неволя дяки побід ід німцями, зати над ш- й спольної е причини- браться. Они ишы жер- шиди най- ло. И днес, дили німца, пустошеной а им помо- е. Коли они и страшно- нас помо- будут. е стареся сем, своим мы стара- разом, без а такой по- у нас заяв- й комитет. ьединной имфорд аме- вали отділ )" уж дав- сий бизнес- для робо- том шторі одили и на- Кода, Еми- на Скром- и др. А до- онад тыся- ре иде для рез "Рошен- рают поно- ам належит- ь и подяка. ниміром для нас в Стам- бугьх плей- Шкирман.

