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NORTHERN NEIGHBORS

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Peace — Work — Freedom — Equality — Friendship — Health & Happiness for all Peoples!



November 1917: World's first Decree on Peace

November 1987: World Development Through Disarmament

NORTHERN NEIGHBORS

The Magazine of Socialism in Action

GRAVENHURST — ONTARIO — CANADA

Canada's authoritative, independent magazine, reporting the U.S.S.R.

This is our 38th year publishing reliable, exclusive news of Soviet developments.

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I'D LIKE TO PAY YOU A COMPLIMENT

On Page 19 of this NN you'll find an unusual look at recent history. It reveals that our world has experienced some 53 revolutions since the first Socialism uprising took place 70 years ago. In these 70 years many a "believer" in Socialism *lost heart*, hoping for more Soviet Unions to appear on the scene.

I feel that I'm something of an authority on the characters of people who read NN. I'm sure you'll enjoy Page-19, even though some of those revolutions were badly set back.

But think. To get rid of the beginnings of Socialism in tiny Granada, Reagan had to hurl everything the Pentagon could put together. USA tried that before, in Cuba's Bay of Pigs. The result was a powerful Socialist nation right in Washington's back yard.

I'm congratulating you, as a Reader of this column, for placing your mental bets in the right place year after year. You've always backed humanity's winner: **Socialism**.

Want to bet which countries will number 54 on to 154? And when?

WE HAD OUR SHARE OF GLOOM-AND-DOOM

The postal system in Canada has been violently shook up by various forms of strikes, and strike-breaking. Tough on the workers, but very tough also on your magazine here.

Our income virtually disappeared for weeks. You couldn't get to us and we were cut off from you. As I write this line we've received the first normal mail in many weeks.

The bills piled up, meanwhile. Looks as if we have another survival fight on our hands. It's gloomy, all right, but I don't see any *doom* threatening.

SO LET'S PAUSE FOR SOMETHING FUNNY

A Reader sent me a note from a scientific journal. About prices and inflation. It seems that exhaustive surveys show that everything in USA, in time, levels off at a price of \$3.22 per pound. Bread and peanut butter are below that, now, but going up fast. High-tech machinery is coming down close to \$3.22 a pound. Even tanks and planes seem destined to reach that weirdo level.

If you do some figuring about this, please let me know what you make of it. The scientists seem to have missed the price of gold: **\$475 per ounce!**

If you have any of the yellow stuff on hand we'll gladly haul it away for you at \$3.22 a pound.

YES, I WAS AROUND IN OCTOBER 1929

In fact, as you'll see in my latest book (*Story Fierce and Tender*) as a young student I even made money on the market and had sense enough to clear out some weeks before those Black Days.

Please don't miss Page-3 (facing you here).

Honestly, did you think Capitalism was going to blow its lid as it has done this past month? Why not show a lot of people . . . Page 3?

And to think that Wall Street was far out-crashed by Hong Kong!

NN's Quote-of-the-Month: "Everything here at our cosmodrome, from powerful booster rockets, systems fitted with up-to-date computer technology, all this has been produced in our country. Everything we have seen here leads to the profound conviction that we have no reason to go cap-in-hand to foreign countries. No embargoes, no bans, can slow down our country's development." (Mikhail Gorbachev, at Leninsk Space Centre).

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You'd be surprised to find how many intelligent people "**react**" well to NN if they see it. We'll mail them copies if you'll send us their names. But, if you prefer, our "**Four People Plan**" still works. Send us four names-and-addresses, plus Five Dollars, and we'll send those people NN not just once, but **three times, three issues.**

Will the next CRASH hit YOU?



History makes jokes. On the eve of the 70th Anniversary of Socialism, the stock markets of Capitalism had their worst crash ever. If this hasn't bothered you yet, you'd be wise to see what may be coming for us.

On October 19 the world's stock exchanges were shattered by what observers called a *financial meltdown*.

In New York prices plunged 508 points. In Tokyo, recently a star performer for investors, the drop was an unbelievable 3,836 points.

In financial circles near-panic prevailed. President Reagan was induced to speak to the world; his message was **not to worry**, the economy is basically in fine shape.

NN's Editor (as he described in his latest book) heard President Hoover in 1929 say **exactly the same thing**; Capitalism had never been better, whatever the crash may say.

No, the 1929 disaster was **not** the same as that you've seen in 1987. Back 58 years ago financial leaders were paralyzed, and no economists could advise what to do. This year, in a matter of hours the big banks and Federal Reserve in Washington took "decisive ac-

tion", forcing interest rates steeply downwards.

In the next days the stock exchanges reacted by **diving down deeper**.

Then, several leading economists pointed out that USA and Canada together had become the *largest debtors in the world*. Owing other nations **one trillion dollars**.

Just to pay the interest will eat up **100 billions per year**.

President Reagan played a key role in this. When he came in, the USA debt was 935 billions. When he goes out it will be well over 2,700 billions.

At the same time the Capitalist world is shuddering under the burden of vast over-production with "gluts" of metals, oil, gas, grains, ships, TVs, everything.

Karl Marx, are you out there?

In spite of enormous outputs, **prices are rising now**. Our media quote mainly the prices of raw materials, but con-

sumers' goods prices have soared lately. Like an ice cream cone for \$1.25 and a movie ticket for \$6.00.

Inflation of housing (rents) has raised the critically serious problem of people *going hungry* in order to pay impossibly high landlord charges.

Behind the inflation problem is the menace of USA *consuming far more than it produces*.

The same is true of other Capitalist economies. And they, too, crashed along with Wall Street.

Millions of words have been and will be written about those Black market days of 1987. But it's surprising that even the coolest economists haven't checked with Moscow.

What's the other system saying?

The truth is, Soviet economists said their basic things several months before the fuses blew in Wall Street and Bay Street.

Their comments possibly have even more weight because Socialism doesn't have any stock markets to crash against the Kremlin walls.

Back in mid-summer the noted Soviet economist I. Ivanov pointed out that the USA's **military expenditures** had grown faster than its **total economy** since the mid seventies.

As for the world: spending on arms has **passed 600 billions** yearly.

Today over 50,000,000 people work at **military production!**

"Limited wars" have done more material damage than during the entire World War One.

The gigantic arms industries are paid for by that **astronomical debt**: in USA a trillion dollars, costing \$100,000,000,000 per year just to "finance."

There's nothing "efficient" about arms production. Witness the USA's newest crisis: the "leader" of Capitalism has **sunk down to 17th place** in productivity growth.

If Washington had followed the "**Gorbachov Formula**" of January 1986, USA would have **saved a thousand million dollars**; its allies 300 millions.

That "**Gorbachov Formula**"? It's a slogan that has already spread worldwide: "**Disarmament for Development**."

For what?

For health, for housing, for transport, agriculture, food, communications, culture, sports, for the environment ...

For *everything* the peoples of both Capitalism and Socialism and the Third World need.

Most acute problem facing humanity is to speed the aid given to the Less Developed Countries, before unprecedented harm is done by **starvation and unemployment**.

Armaments are shrinking the help these nations now receive.

Over a billion humans clearly grasp **Disarmament for Development**. They see this as the foundation of a **new world economic order**.

For starters, financed by one trillion dollars taken from arms.

Attacking Socialism with the forces of Capitalism won't work any more. That Reaganistic approach harms the West more than the new system.

It's the West that is being rocked by financial crises.

No Black Mondays (or any week days!) in Socialism.

No unemployment either. It's the world of Capitalism that is shuddering now with the fearful prediction that a thousand millions people will be jobless by the year 2000. *Barely 10 years to go.*

The Gorbachov Formula is based on the fact that **Socialism does not need to destroy Capitalism in order to advance ever faster**.

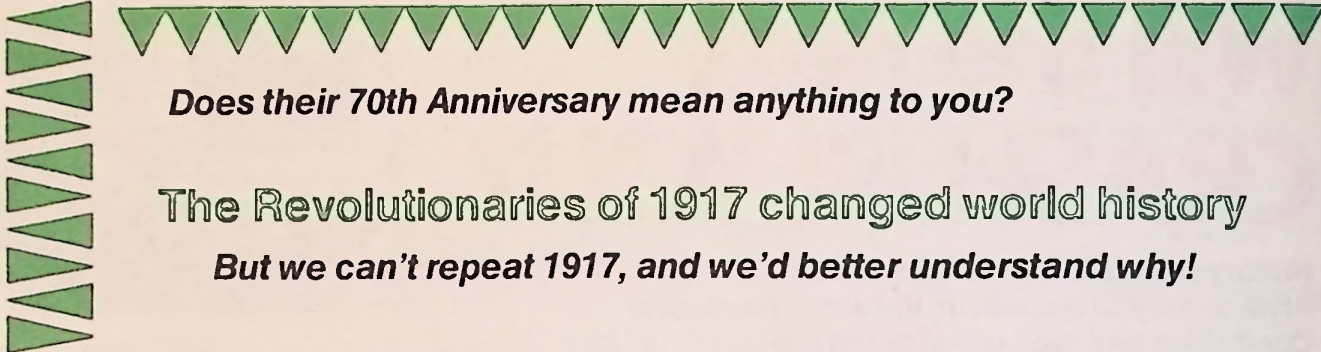
And, as the terrifying Crashes reveal to millions, **Capitalism can't keep itself going** no matter how feverishly it squanders its billions on armaments.

Even on Wall Street many now see that Capitalism's chief enemy is not Socialism but Free Enterprise itself, arming to the teeth.

The only system in our world's Future is Socialism.

With its Gorbachov Formula.

Development through disarmament.



Does their 70th Anniversary mean anything to you?

The Revolutionaries of 1917 changed world history

But we can't repeat 1917, and we'd better understand why!

All propaganda aside, the main truth about the Soviet Socialist Revolution, which took place 70 years ago this month, is that the people of Czarist Russia broke the strangle-hold of Capitalism, so that its grip on the entire world has weakened. **Weakened seriously and forever.**

We now live in a world of two systems: Capitalism and Socialism. Many countries do not "fit" neatly into either system, but that cannot hide the historical reality: no longer does a ruling class of exploiters govern all mankind, as they did before 1917, when the workers, farmers and soldiers of the Russian Empire smashed that system.

Despite the scepticism, hatred, and ruthless violence that greeted Socialism from 1917 onwards, on this 70th Anniversary it is clear to all intelligent observers that the Soviets pioneered humanity's change-over from Capitalism to Socialism.

That's the way the world is moving and this direction was decided for history by the 1917 Revolution.

Some people don't accept this fact, because they haven't seen any "repeat performances" of 1917.

The transition from Capitalism to Socialism is not proceeding revolution-by-revolution, but **by stages**. And these stages are as **complex** as the new world we live in.

Karl Marx didn't foresee us as we are

Away back, when Socialism was only an idea "on the kitchen table", the man who gave us scientific Socialism, Karl Marx, foresaw the time when science-and-technology would transform workers from toilers in production to high-skilled supervisors.

But Marx, usually daring in his ideas, prophesized that worker-supervisors would take over only after Socialism had advanced far into the Future, into Communism.

Of course he was *wrong*. We have automated and robotized production *right now*. Over in Socialism and here in Capitalism. And this is a **major complicating factor** in the struggle between the two world systems.

Actually, the advances now taking place in production are the **greatest ever seen** since Man made stone tools.

And the cold truth progressive people must face is that in many ways **Capitalism has applied the science-technology revolution faster than the Soviet people have.**

Indeed, quite a few economists and politicians claim that Capitalism is **getting its second wind** in the struggle to survive as the world's dominant system.

Our working-class, our farmers, are transformed

Although not all trade unionists are able to admit this, the nature of labor is being radically changed.

One example: mass-production workers in teams are much more efficient than those "on the line". But teams are a technological advance, not political.

Truth is, USSR and USA both widely use teams now, *and even dispute which system developed the method!*

So what if workers here in Capitalism feel that Socialism is not all that "revolutionary" compared to Capitalism.

That's only one point in a lengthening list of "problems" confronting the labor movement and the Left in Capitalism, striving to organize workers for pro-Socialist struggle.

You shouldn't go overboard. USA isn't the world. Even in advanced Europe and Japan **grim problems** have arisen as a result of science-technology changing production.

Mass unemployment is for real in world Capitalism.

There are growing crises in the shocking increase of **homeless people, illiterate people, people forever hungry, the untreated sick and the unwanted pensioners.**

For the ruling-class **inflation and currency disorders** are nightmares that never go away.

What are you thinking right now?

All these chronic and worsening ills of Capitalism **have been done away with in Soviet Socialism.**

Striking confirmation of Marx's other discoveries.

New roads, but they lead in the main direction

History honors the Soviet people because they set for humanity the revolutionary task of creating Socialism.

Capitalism everywhere is moving in that direction, because such great advances as the science-technology revolution only serve to **worsen the strains** dragging the exploiters relentlessly towards the grave of history.

True, in its competition with USA the USSR will encounter serious difficulties. But Lenin correctly previewed that situation, when he pointed out that "our revolution began in **uncommonly difficult conditions**, in which none of the later workers' revolutions will find themselves."

Reviewing the situation today, Soviet communists say flatly that *the Soviet Revolution cannot be imitated*. Their view is supported by the revolutions in Europe and Asia, since World War Two. These upheavals bore little resemblance to the Revolution of 1917. *Yet they all are traceable to that pioneering triumph.*

What kind of Revolution is coming for us?

Soviet observers see that great transformations in our capitalist society are already "in blueprint form".

These changes will not take the form of storming the Capitol in Washington or the stock exchange in Wall Street. They'll be distinguished by multi-stage transformations within the system: economic, social, political.

Indeed, the current view in USSR is that entirely different forms of revolution are on the way. We won't see individual countries suddenly dropping out of the capitalist world; on the contrary, **that entire world will go through a profound series of revolutionary developments.**

First and foremost: turning the science-technology revolution away from militarism and armaments into **democratic goals in a peaceful world.**

Already broad popular struggles are pointing the way to overcoming the very foundation of monopolist militarism. These efforts are inseparably linked with *social goals actually achieved by Socialism*

Undoubtedly this will compel all progressives to take a completely new look at "revolution".

So sweeping are the "programs" of many leftward movements right now that we can say **Socialism is taking shape before our eyes**, everywhere that Capitalism prevails.

Even though we can't see the "revolutions".

"Forward" means following 1917

Many left-wing people in the West expected that the "undeveloped countries" would have an easy time carrying through socialist revolutions. They had no powerful rich capitalist class to oppose them. But it didn't happen that way. **International monopoly capital** was their opponent, and proved to have very strong holds on these nations.

In fact, some undeveloped lands (like Burma) "proclaimed" Socialism, but the people didn't have the political power or determination to carry through a revolution.

Does this disappoint you? Don't lose sight of the **main fact**. All over the world peoples are *trying* for Socialism because Socialism has become the real objective of our times. Whether they succeed today or tomorrow is not the point.

Then what? The point is that **the Soviet people have shown humanity the way into the Future**, and there will be no turning back, despite short-term defeats.

The plain fact is what sends the Reagans of Capitalism into seizures: the *more advanced* the undeveloped nations are *the closer they are coming to Socialism*.

And in practice this means that they are determined to **repeat 1917** in their own way.

Nobody wrote the book for Socialism

Because of the wide popularization of the works of Marx, Engels, Lenin and Stalin, gradually the idea arose in the Left that people need only follow certain blueprints for Revolution. Yet it was Lenin himself who stressed that the Socialist Revolution was *a living thing carried through by living people who had no blueprint to follow!*

This is the great inspiration of 1917, when the Russian people shifted history into an entirely new direction.

If you are of philosophical mind perhaps you can explain why the 1917 Revolution not only raised human society up to a new level of humanism, but also produced the scientists who **raised all human beings up into Space**, beginning the exploration of our Universe. For millions of people, illiterates up to renowned researchers, thinking today about 1917 means thinking about humanity's introduction to Space.

Capitalism did not even try for Space. This fact is reflected by many a gloomy thought in the scientific press today. But there's another side to this "scientific" approach.

Science **on both sides** has given us **nuclear destruction**.

But it's our good fortune that 1917 brought to power the class which has nothing to gain from war, creating *the new system which absolutely must have peace to progress*.

Progress isn't for Socialism only

Once, only devoted revolutionaries called on the people to demand all the good things of life which were taken by the rich. Today, hundreds of millions around the Capitalist world are, in one way or another, raising that demand. Without necessarily attacking Capitalism!

This turns the pages of history back to November 1917. Then, Lenin's historic *Decree of Peace* called for **an end to war**, inviting both sides to negotiate peace as the only form of international life that can **guarantee survival and a prosperous future**.

Back in 1917 Lenin issued his *Decree on Peace* because the Socialist Revolution depended on Peace. Now 70 years later Socialism must have Peace to demonstrate its superiority.

This is what capitalists don't want to see?

That view is no longer unanimous. Indeed, it is rejected heatedly by those who regard Capitalism as a superior system.

The intelligent capitalists (including some billionaires) today are more and more often asking: *who's afraid of the Soviets and their Socialism?*

That question is just great for Soviet people!

They're **not out to foment revolution** inside USA, Britain, France, Japan, West Germany, or wherever.

Let the West compete peacefully, *as Lenin invited them!*

We'll still have a world Class Struggle'

There will be no "export of revolution" in the years ahead. But Soviet people consider that **sharp competition** between their system and ours is inevitable.

The "force" in the new Class Struggle is **the force of example** in all economic and social fields.

Will Capitalism be able to *abolish unemployment?*

Will the bankers ease *the debt load* on the Third World?

Can Free Enterprise feed millions doomed to *starvation*?

What about the millions roaming *homeless* in our cities?

Can Capitalism continue to ease its worst social problems by killing ever more people with *drug-death*?

Can medical scientists find any way out of *AIDS*?

As time moves on it will become ever more obvious, and urgent, to find solutions to these problems. Enormous resources will be required, and now people see that **it can't be done while trillions are spent on arms**.

The world Class Struggle bears no resemblance to trade union battles against the boss. It is **a conflict of whole populations in the two different systems**.

And today, as back then, 70 years ago, Peace is the decisive issue. The Soviet people had to achieve Peace before they could move forward. Now all the world's people have to defend Peace before our planet can go forward.

History will never overlook 1917

People who greet this month in memory of the Soviet Socialist Revolution are not being sentimental.

They are honoring the historical fact that by overthrowing Czarism the Russians *pointed out to humanity the way to go from all forms of oppression into a future of freedom*.

That future wasn't merely the destruction of obsolete Capitalism. It was the job of creating an alternative way of life fit for humans rising together.

The Soviet people rose in a way no observer thought possible: they **built Socialism** in a very few years, out of terrible backwardness; and they **smashed the hordes of fascism**, which was on its way to take the world.

And right now they are *revolutionizing their revolutionary system*.

Their goal is to take the system swiftly into the Future. They're able to program that achievement only because, 70 years ago, they lifted their people to unprecedented heights of optimism and courage. **Their fore-fathers did it and now they also can do it again**.

What's their ambition now? To sweep Socialism past all rivals and take command of the very heights of progress: economically scientifically, politically, socially, culturally, physically.

It's a new way to greet 1917

Don't be satisfied with raising your glass to toast the immortal Revolution of 1917.

Soviet Socialism is moving now in directions that will have **tremendous impact on the world revolutionary forces**.

How can the force of example be revolutionary?

That's our problem!

We cannot possibly copy 1917.

We're in the new age of science-technology revolution, and everything that has out-lived its day can't be tolerated by the people, who can see a vividly bright new future taking shape.

It's our task to show it. Lucky for us, we can show it as it comes in the Soviet Union.

And as it's coming in the tremendously powerful alliance of world socialist nations.

All humanity is on the way with us.

Still, just a moment, we can't be blamed if we remember. Remember that everything now rising around us is possible only because of those who had nothing but themselves to hurl against the evil past, once and forever tearing it apart so that we could follow 70 years later.

People who shook the world

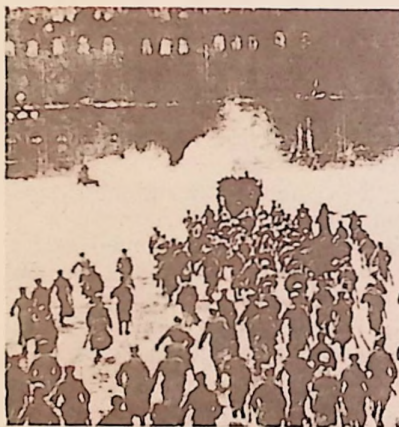
None of those whose faces you see here had any idea that they would go down in history as immortal revolutionaries of Socialism.



Petrograd Soviet meeting. Last time for parliamentary debate. Soldiers, workers and farmers were impatient. Soon the Soviet was taken over by them as Bolsheviks.



Lenin forever characterized "the man with the gun" who, for first time, overcame the rulers who commanded millions of guns. Never again would the people turn guns on themselves. These old fashioned World War One rifles were in the hands of men who were setting up a revolutionary new system of human society.



Left: this was the actual "moment" of the world's first Socialist Revolution. Troops and armed workers taking the heavily fortified Winter Palace by storm.

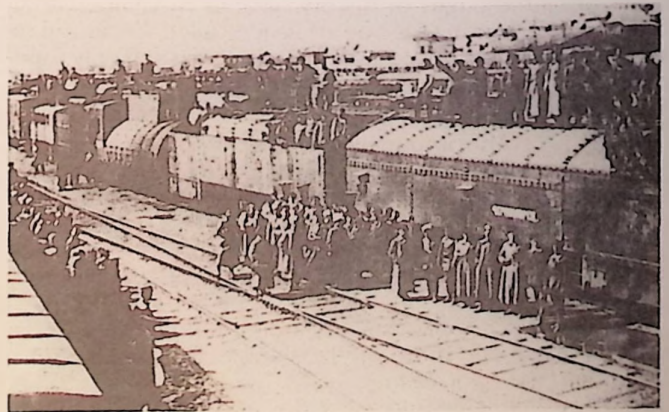
Right: the numeral "1" on this armored car was symbolic. It was mounted outside the "Smolny Institute" where Lenin and his comrades directed the Revolution.



At the Smolny, revolutionary guards were so strong that no enemies opposed them.



Assault force of November 1917. Old rifles. Even a pistol. But victory was theirs because they fought with the infinite reserves of history.



Soon "the man with the gun" became the men with armored trains. Trains made by workers who, at last, used them against Capitalism.

Maybe they're scared of us?

In the hunt for Intelligent Beings out in Space, how are the scientists doing now?

Good time to ask that. They've recently had a world conference (in Balatonfured, Hungary). Every Space fan should know what took place there.

Most scientists agreed that there's no big problem in "advertising" Intelligence. Like, you could signal with some universal number: the *Circle Ratio*, circumference divided by diameter equals 3.14159. If you know *that* you've got some brains at least.

But that's childishly simple. At the Hungary gathering the top experts realized that the problem of "getting brains together" is **very much more difficult** than filling the Universe with signals like 3.14159.

Use **radio** (electromagnetic) waves? What **wave-lengths**? How about **infra-red** messages? Or contacts by X-rays? Or just plain **visible-optical** signals?

Now along come the new proposals, to try making contacts by using streams of **neutrinos** (nuclear particles), **corp-
puscular fluxes** (various bodies), or even those yet-to-be-mastered **gravitational waves**.

Suppose those "Beings" decided to use communication methods absolutely unknown to us?

For example, probably there are super-super possibilities using **lasers** of kinds we haven't yet discovered.

Despite this complexity, the scientists did agree on a basic point: it's highly probable that **life** is a universal factor in all nature, so we're justified in seeking **advanced life-forms** out there.

Now the bombshell.

Why should "advanced Beings" want to do business with us? Is it possible that They've observed us for a long time, and decided that we are **very low down on the Universe's scale of civilization**?

So maybe Their attitude to us Earthlings is: *Don't call us, we'll call you!*

Surprisingly to most observers, that meet in Hungary turned most attention on to **our human Intelligence**.

Rather, *lack of it*.

Historians now realize that quite a few advanced (early) civilizations flourished here on Earth, *without being in contact at all*. The Institute of Oriental Studies in Moscow has been investigating how **those Beings** "got in touch" and in time mingled.

Few modern people know that back in the Second Century BC (over 2,000 years ago) the Chinese Emperor, Qin Shi Hwang, sent a large expedition to the Pacific region, to find the mythical **Islands of Penglai** and **Yingzhang**, supposedly inhabited by Super People.

They were able to fly, could forecast the future, had no diseases, and lived forever.

Emperor Qin wanted that one secret: immortality.

No luck. No contacts. No Supers.

In the Middle-Ages thousands of Europeans believed in **Presbyter John's Kingdom**. Somewhere in Asia. India?

Pope Alexander III and Pope Innocent IV at various times sent envoys to find this super-wise Pope John. **Their aim was practical**: to enlist Presbyter John in their wars against the Moslem invaders of Christianity. No contact.



Somewhat later, in the Age of Exploration, almost all Europeans believed in the marvellous **Land of El Dorado**. Money, money, golden money! The Spanish conquistadores really did contact the gold diggers, and *slaughtered them in one of the most brutal wars in history*.

All of these "hunts for Beings" (better than us), and no doubt many more such episodes, **must be known to any Intelligent types** that keep an eye on Earth.

What opinions could they have of Earthlings?

What are we after now, if not grabbing super-knowledge accumulated by Super Beings?

The famed **Dr. Nikolai Kardashov** (whose views on Cosmic Life you've seen here in "NN") today believes it is *extremely unlikely* that we'll ever contact Beings *on the same level of development as we are*.

If they're "below" us are we going to **help them**?

If they're "above" us what do we have to **offer them**?

Look at our civilization coolly. We've advanced greatly, and yet today hundreds of millions are facing Earth with the threat of incredible nuclear slaughter.

A "sexual revolution" has rotted the family. Old people, once highly respected, are now only objects for sanitary care in "homes". Drug addiction now dooms many, many millions. The ghastly AIDS disease threatens whole populations.

And we think Intelligent Beings can't wait to get into close contact with us!

Captain Cook tried to save the Hawaiians by keeping his sailors away (they had **syphillis**). But Hawaiian girls wouldn't stay away. Then, soon after, more sailors brought in **leprosy**, with ghastly results.

Millions in the New World perished of simple diseases like **measles** (they had no immunity).

Our lifestyles are threatening generations of people today with **heart and brain** diseases.

And what explains the frightful prevalence of **cancer**?

Forget cosmic Super Minds . . . who in his "right mind" of average intelligence, would want to go chasing the Universe for us humans here?

Well, even so a lot of scientists still believe that "**making contact**" is what the future is all about.

But they're concerned with *our future*, not the future of Beings who must be *disgusted and horrified* by what they know of life on our planet!

Some researchers even raised a kind of whining fear. Suppose Other Beings are away ahead of us. We might literally *die of shock and shame* when we grasp how wonderful life can be . . . **Somewhere Else**.

Or, suppose we adopt one or another of Their great life-styles. Maybe **living reasonably and happily for all on Earth** would be too great a strain on humans.

Soviet scientists recommend a thorough exploration of these questions, before we pour more resources and thought into exploring the greatest Unknown.

FIREBALLS

Sometimes called Ball Lightning. Reported countless times, never explained. Now there's intense interest in Fireballs. Especially in Soviet Union. You'll see why.

"A storm was raging that July evening. Lightning struck nearby. Seemed the whole house was falling apart. A ball of fire, about 10 inches across, fell from the chimney pipe above my bed. Slowly rolled down my pillow. I was terrified. The ball gave off no heat. My mother pounded the ball with her bare hands. It broke into pebbles, they disappeared. Mother's fingers were burned, there were holes in the blanket. She couldn't move her fingers for days."

A Soviet ice-tracking plane in the Arctic was proceeding calmly at 3600 feet, in clear weather.

"Suddenly a blinding white ball flashed in the navigator's compartment. Moved smoothly along the wall. Stopped and swayed about 10 inches from my face. No heat. Changed color to greenish. Then it rolled to the radio compartment. Exploded with a terrific roar. Melted the metal seat-legs. Operator was unharmed. But he reported no noises whatever which would indicate a lightning storm."

Up to 1979 the official Soviet scientific view was that fireballs are rare; about 10 inches diameter; appear dur-

ing lightning storms; last only a few minutes.

"At 10 o'clock in the morning a thunderstorm struck our village near Moscow. I saw a luminous lilac colored ball on the light switch. The switch caught fire. Fearful that our house would burn down I hit the ball with all my might. It broke into tiny pebbles. They disappeared on the floor. Then I felt the pain of burns. My hand was charred to the bone."

For 10 years Yaroslavl University scientists have been collecting reports about fireballs. Recently they ran 2,000 incidents through their computer. Facts:

Half of all fireballs are about 10 to 15 inches across. One-third are smaller. Few are 20 inches in diameter. Majority last less than 10 seconds. Only 2-in-a-hundred last for a minute.

Nearly all witnesses say fireballs are as bright as a 100 to 200 watt bulb. Most are red, orange, yellow. Some white or blue.

Nearly always spherical, but some are belt-shaped, pear-shaped, or cigar-shaped.



Many qualified experts have seen fireballs. Airforce pilot in 1981:

"We encountered a huge ball, 15 feet in diameter. Passed through the entire plane and exploded in the tail, silencing the engines.

"This ball had moved for some time ahead of the plane. Clear weather, no lightning."

Many scientists believed that fireballs had less energy than a small household bulb. But in Khabarovsk a large ball landed in a tank holding 2,500 gallons of water. Within ten seconds the water was boiling.

This meant that the ball had stored energy equal to that in two tons of high explosive.

Is it possible that Fireballs could be used as weapons?

As long as 30 years ago the famed Soviet scientist Kapitza theorized that fireballs were made of "plasma". A mass of electrons and ions. The energy came from outside, from radiation. Seems plausible, but doesn't explain much.

Maybe the most astonishing report comes from five mountain-climbers, 11,000 feet high in the Caucasus. Their leader reported:

"In the night I awoke with a feeling that a stranger was in our encampment. Thrusting my head out of the sleeping-bag I froze in fright. A bright yellow tennis ball pushed into Korovin's bag. He screamed in pain. The ball then circled each sleeper, "attacking" them one by one. When my turn came I felt pain so unbearable that I blacked out. All of us were repeatedly attacked this way. After five attacks the ball disappeared."

They were flown down to hospital in a helicopter. All had wounds worse than burns. Pieces of muscle were torn out, down to the bone.

The climber Korovin died of his injuries.

Many reports of violent energy release are on file in Yaroslavl.

"It happened at noon. I was reading to my son. Suddenly a reddish-yellow band about a yard long flew into the room. It spun into the shape of a football. Then it passed out into the street and exploded violently, emitting long flames."

Witnesses have reported multiple fireballs at one location. As many as ten at a time. But none of them ever joined another.

Often fireballs make crackling or buzzing noises, and usually change color while being observed.

Usually fireballs pass through window-glass without harming it. But sometimes the balls violently shatter the glass.

Household appliances like radios and TVs are often damaged by the balls. And contrary to widely held beliefs, the balls can not only injure humans but kill them.

The Yaroslavl studies reveal that only half of these balls come and go harmlessly. Nearly half do damage. And 9-in-100 cases people are injured.

About one-in-five of the victims die of their injuries.

The energy, and the remarkable maneuverability of fireballs has, naturally, attracted the attention of all who work in the field of weapons. An explosive of this kind, which draws its energy from radiation in the atmosphere, raises very disturbing questions.

Twenty-four die *every minute*

The latest official figures show that just over a thousand million people are continually hungry.

Thirteen to eighteen million of them die each year.

Works out to about 24 human beings dying each minute.

You can put this in a different way. Suppose an atom bomb of the Hiroshima type had been dropped on many other cities, once every three days. That would have killed no more people than starvation is killing year after year.

Yet it is quite practical to end hunger killings. The simple truth is that people die of starvation *only in the Capitalist system*.

Before Socialism was established in USSR, terrible famines regularly wiped out millions of people. Now in the same places everyone is well fed. A single child dying of starvation in any Soviet Republic would cause a storm of outraged protest. Really, it couldn't happen.

It couldn't happen here in Canada, either, although hunger is widespread today, and thousands of our families eat only because of charitable "food banks".

Compare the situation with the disease *smallpox*. This dreadful plague killed uncounted millions for centuries. A vaccine was discovered some 200 years ago. But not until the 'sixties did USSR, USA and most other countries unite to wipe out smallpox.

Some feared that it couldn't be done. But it was done. No one any more dies of smallpox. And in the Soviet view it would be no more difficult to wipe out the plague of starvation (which has killed several babies since you started reading this page).

Socialism this year celebrates the 70th Anniversary of the Soviet Revolution. In effect, many millions are *celebrating their own lives*, which would have been ended by starvation had Capitalism continued in Russia.

Under Czarism, rich landlords exported vast quantities of wheat even in years when their peasant-tenants starved. Right now, huge food "surpluses" are piled up in nations afflicted with terrible starvation.

For ages, India imported grain. Now they export it. But hunger is a national curse there. Asia is choking on unsold rice, while children perish of hunger.

Several African lands can't sell their "surplus" grain. But the terrible picture you see on this page came from just such a country. Capitalists who own the grain must sell at a profit if their system is to continue. Twenty-four more funerals each minute . . . not their problem.

If this stirs some anger inside you, consider a very different, new situation. Many of our medical research people scoff at hunger, and tell us that the main health problem in our world is *eating too much*.

Over-eating does cause some serious diseases of heart, brain, blood-vessels, diabetes, many forms of cancer.

Not long ago they told people to eat only a "balanced" diet. Just the right amount of each special nutrient needed by our bodies. Today the newest idea is the "element" diet. Concentrated foods that will guarantee us against too much nourishment.

Such proposals passed out of favor when it was found that "useless" food factors (like "bulk" foods, notably bran) are essential to maintaining health.

The mother in our photo never heard of useless foods.



As you probably noticed in the media, this past summer the big capitalist nations held an important gathering in Venice, on the food problem. But not the food problem we're looking at here. What concerns Canada, USA, Britain, France, West Germany, etc., is the money they pay our farmers (subsidies) to grow and export more food.

There is **too much food** in Capitalism. Farmers should agree to grow less. Even if this means putting millions of farmers off their land (by bankrupting them).

Already more than 250,000 USA farm families have simply disappeared from the statistics, and from farm markets.

This is a sound, profitable "program". Experts figure that cutting down on farm subsidies would eliminate over 11,000,000 farm families in Western Europe, while markedly increasing the profits of USA's very big and efficient farmers.

This would overcome the **surplus of food** in our system.

Your normal reaction might be: why not send our surplus food over to those thousand million people who are forever hungry? People who argue about that should use a stop watch and keep track of 13,000,000 to 18,000,000 men, women, youth and children who could use up all our surpluses while staying alive, this year.

Soviet observers say that wiping out **smallpox** was a far more difficult task than the efforts we'd have to make to bring an end to starvation.

Unless, of course, you are convinced that Capitalism cannot do what it takes to wipe out hunger. That was true in Capitalist Russia, for centuries. But in a fairly short time Socialism wiped out hunger.

This month many, many speeches and messages of congratulation will be addressed to the Soviet people, honoring them for bringing to our Earth a new system.

If you get a chance, maybe you would like to stress one historically great achievement of Socialism: **the elimination of hunger and starvation**.

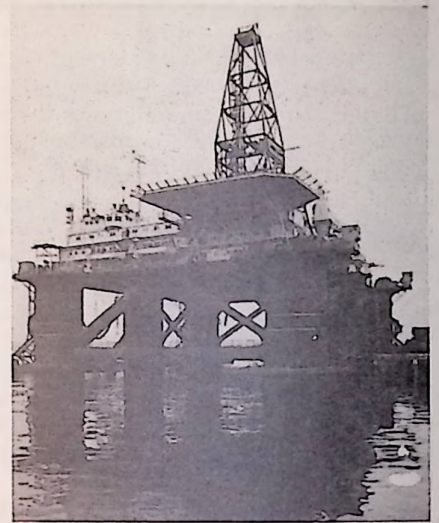
They did it in less than 70 years. If Capitalism takes that long, more than one thousand million humans will be starved into their graves.

Watching our latest fast-foods commercials on TV.

Oil and Wine and Tea do mix



At left you see "oil workers" literally digging an oil well, just before the Socialist system took over in Baku. At right is a modern oil derrick for drilling in Caspian Sea. Azerbaijan is a major Soviet oil producing area today.



The people of Azerbaijan have long been famed for their wines and brandies. The climate (along the Caspian Sea) is ideal for grape-growing. The Nagorny Karabakh Autonomous Region has some of the world's best vineyards.



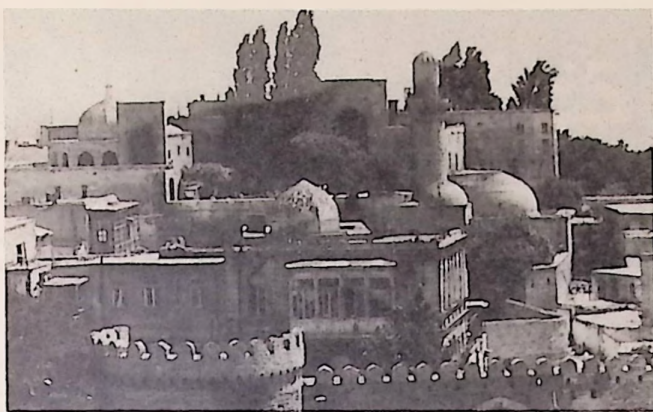
Their tea is widely exported.



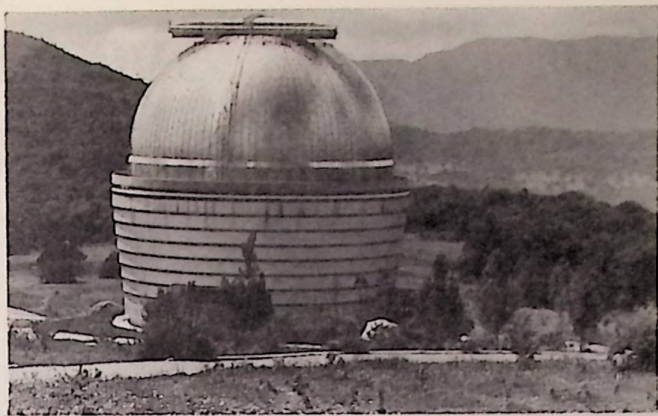
Believe it or not, this is how the famed Nobel Brothers (of the Nobel Prizes) worked their oil fields before Socialism took them over. Death-rate of workers was very high.



Azerbaijan's health care today is excellent. Here's a new "geno-analysis" ward where oil workers are tested for preventive treatments.



In pre-Socialism days the cruel Shahs of Sirvan built palaces while the people had wretched housing. This preserved palace is in Old Baku.



World astronomical science derives great benefits from this Shemakhinsky Observatory in Azerbaijan's mountains. Clear atmosphere is big advantage.



Institute of Space Research on Natural Resources is a unique center. Here, observations made on space-ships are studied by new methods. Results are of great help for agriculture and resources industries, including oil-exploration.



This is a school for farm workers. TV is widely used to raise the technical level of farm youth in Azerbaijan. Youngsters prepare the programs themselves and they're watched by collective and state farm people.



No longer are the people of Azerbaijan limited to work on the land or in oil fields. Industries are expanding. This is the biggest air-conditioner plant in USSR, but it can't cope with demand.



Few plants in the world like this one: workers turn out advanced equipment for drilling oil at sea. Hundreds of rigs already work in the Caspian oil field.



Many in Azerbaijan are Moslems, and they have full freedom of religion. Here worshippers are at prayer in the Mashtagin Mosque. Note, however, that devout men here are mostly older than average.

Socialism moves ahead in every direction

You suspect that our media are not reporting on advances scored by "perestroika" in USSR?

You're right.

Problems they have. But they're solving them.

In ways that are surprisingly effective.

Away out in Novosibirsk (Siberia) 5,000 young men and women have united to form **The Fund of Youth Initiative**. Scientists, musicians, engineers, actors — every variety of youth determined to realize their ambitions — have joined to get past adult restrictions and give Socialism the benefit of their new ideas. The public, and many enterprises, are getting the message of the Fund, and its efforts are paying off.

Moscow City Soviet (Council) allotted prime land, in an historic district, for building of a new Embassy for Turkey. All documents were signed and work started. Without any public discussion. But the public stepped in fast when people saw the bulldozers working. Thousands protested, flooded the papers with letters and calls. Most of them were outraged by the coming destruction of a famous elm tree 250 years old. The City Soviet immediately halted the project.

"**Tourism serves development**" is this year's slogan of the World Tourism Organization. Soviet people demand that development be speeded up ... for **tourists**. USSR's "Intourist" company has only 170 quality hotels, motels. To accommodate 60,000 visitors, when hundreds of thousands are "lined up". So great is foreign interest in Socialism's radical new changes that a huge expansion program is now underway for Intourist.

First Spanish-Soviet industrial enterprise has been set up to produce **biologically stimulating fertilizers** of a new kind, called Biorgan. New firm is Inagrosa, and its products have world recognition. Biorgan will be based on vast supplies of special Estonian **peat**. So big is advance demand for Biorgan that Inagrosa is planning other plants in several Soviet republics, for world sales.

Workers at Minsk Auto Plant are enthusiastic about "perestroika". Formerly, only a third of plant's revenues were available for improving life of workers here.

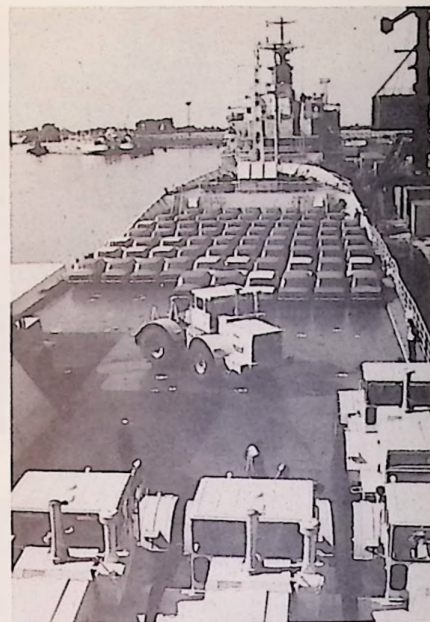
Now they keep two-thirds, and national economy only one-third. Priority now: new housing for families with two or more children. Very appealing to plant's many young workers.

Oil industry workers are making the big news. For years there was a shortage of workers, and industry management was even planning a cut in labor productivity. But "perestroika" **cut 70,000 workers off the job**, in petroleum. And productivity jumped 5 percent! This was result of new system of wage payments for work done, not according to antiquated quotas. New Committee for Labor and Wages is carrying this through. Prediction is that 4,000 Soviet enterprises are **going to lay off three million** out of 75 millions in industry.

Some facts are shocking Soviet people. Like: 4,000,000 college educated people hold jobs that **don't need** such qualifications. While another 4,000,000 are not **qualified for work they do**. In immediate future, big change will be getting rid of manual-labor jobs. At same time they'll introduce a "continuous schooling" system to raise all qualifications year by year.

Major wage increases will go to those raising their productivity, output quality.

You'll soon know about this: top Political Bureau of Soviet Communist Party has issued an **unusually sharp warning** to agricultural workers and administrators. They are called on to exert themselves all-out, to make sure the excellent crops this year are **fully harvested**. The weather has turned "complex" in most Soviet regions. This demands a real speed-up of harvesting, especially grain and potatoes, and intense drive to finish much-needed storage capacities. Will they succeed?



They're really getting tough. New Trade Union "technical inspection" service in past year has stopped some 20 percent of new production because **labor safety** was violated. But in many plants management at first ignored warnings. Over 10,000 of these characters were **fired**. More, over 200 plants which they ran have been shut down completely. Bureaucrats.

You're in for a surprise when you learn that service in health clinics over there has been **so poor** that many prefer to take their problems to **clinics that charge for services of their specialists!** At present, some 123 million patient-visits are to **free** (state) centers, per year; but 2,700,000 patients go to centers that **charge**. Now a very big general hospital is going up in Moscow, and all patients will pay. True, very much less than charges here, but still **not free**.

Now they're questioning **price subsidies**. Subsidies on food run 60 percent of the price! This has soared to more than 70 billion dollars yearly. This is collected from non-subsidized goods (mainly clothes). Millions now wonder if it would be better to "even up prices", to stop many prices from creeping up (to pay for subsidies).

They used to believe that artists in Socialism had "no problems". Great, if they had the blessings of the big shots in the artists' union. But there are 500,000 amateur artists in USSR. They were more or less prohibited from showing and **selling** their creations. **Now they're doing** just that, and the public is really enthusiastic.

Now Horses for Health

Two unusual developments center around horses, over in the USSR.

First, there's an astonishing "boom" in riding. And not merely riding, but "living" with horses. School-agers through pensioners, both sexes, have gone "horse crazy".

Second, horses for sport and hobbies are no longer limited to city people, but have taken off for the countryside in an amazing way. Seems as if this trend is going to halt the drift of young people away from farm work. They're even "moving out" from cities with the horses.

This isn't just a Moscow movement. Far out in the Turkmen Republic, once a world-famed center for equestrian sports, people of both sexes are rediscovering the wonderful talents of such breeds as the Akhal Tekin, said to be the oldest pure-bred line of horses in the world. "The Turkmen are regaining the horse!" is a slogan with deep historical and patriotic significance for people in the modern Turkmen Soviet Republic.

However, patriotism isn't the factor that explains the return of the horse in almost all Soviet republics. People are learning that *horses can love people*.

And in return, when people grow to love horses they experience profound **psychological benefits**.

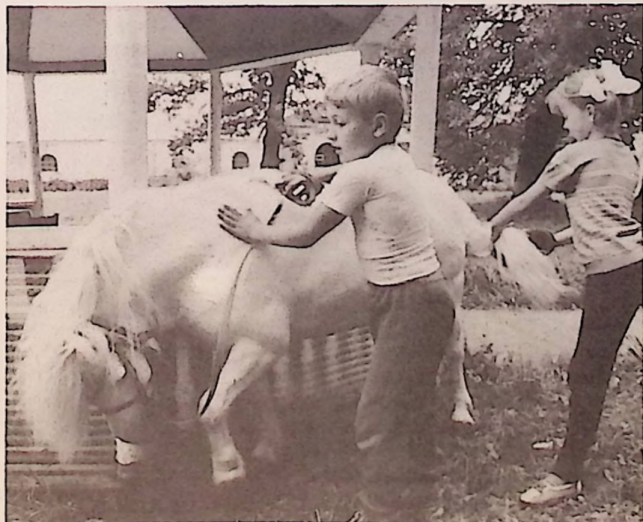
If you seek one main truth in this, you'll discover a very simple thing. *Horses are kind*.

Children brought up with horses develop a *deep inner generosity* that characterizes them for life. And this leads to behaviour which is in sharp contrast to the much advertised lifestyles of today's youth in all countries where the car dominates so many forms of sport.

Horses can be very powerful and fast and acrobatic, but not in the same sense as drag-racing and break-dancing.

Take one example: the Lenin Co-Op farm in Poltava Region of Ukraine. So popular are horses with the new generation of youth that the management voted a **million roubles** for new stables. And the young riders are now competing to find ways that work-horses can save money by doing some of the jobs done by costly tractors.

The situation is quite different in big cities.



Take the Moscow Hippodrome. Every day long lines of children and adults form, very early, to get a chance on horseback.

And not only riding. But simply caring for the horses.

You may find it hard to believe but many Soviet kids get special "notes" from their parents (required by the stable management), giving the family's permission for a boy or girl to do the *hard and dirty work of grooming their favorite horse*.

What's behind this is very simple. *When children are kind to horses what develops is mutual love.*

Kids get up at five in the morning so they can groom their friends before school starts.

At the Hippodrome some 330 people ride every day, mostly in training sessions. The best riders have 77 purebred Terek, Arab and Ukrainian horses to "exercise" when they are qualified for that sport.

The horses are chosen not for any race-track qualities but because they *warmly respond to human beings*.

Don't get the idea that the Hippodrome caters mainly to youngsters. The chairman of the board of the track school is Vladimir Stupin, and he's past 80!

Many other trainers are pensioners. But most of the tracks "assistants" are children who do much of the daily work of grooming.

The track has been charging a rouble for three-quarters of an hour on horseback. But everybody agrees this is too low a fee. Other tracks (like the Bitsa, Moscow's biggest, charge 3.5 roubles per hour. Everyone agrees that three roubles, in place of one, isn't going to shorten the morning line-ups at any track.

Incredibly, people young and old go riding horses to *relieve or cure serious disabilities*.

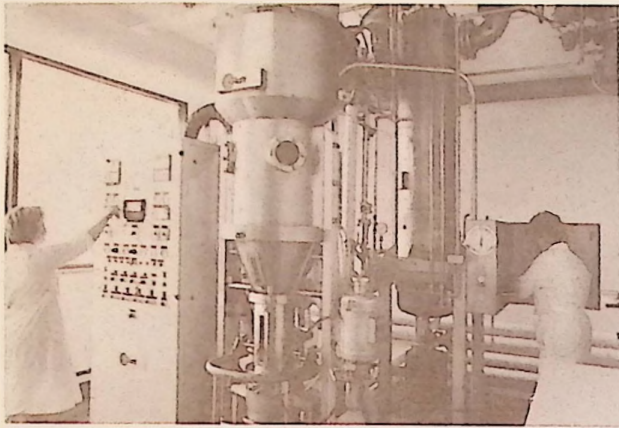
Polio victims recover use of their legs. Painful back injuries that yield to nothing else are sometimes ended forever after taking a course with the horses.

In fact, some of these cured "patients" turn out to be the best instructors for healthy people.

Some therapists maintain that it's the *psychological influence of horses* that is most potent, rather than the physical stimuli of riding.

And countless people with emotional problems have found that Doctor Horse has a powerful influence to relieve stresses and anxieties of modern life.

Never a dull moment in Socialism —



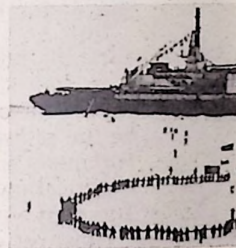
Ultra-modern biochemical equipment is turning out "Dalargin", a highly promising new drug for curing ulcers in stomach and duodenum. No side effects.



New blood-circulation institute just opened in Tbilisi (Georgia) to serve all USSR.



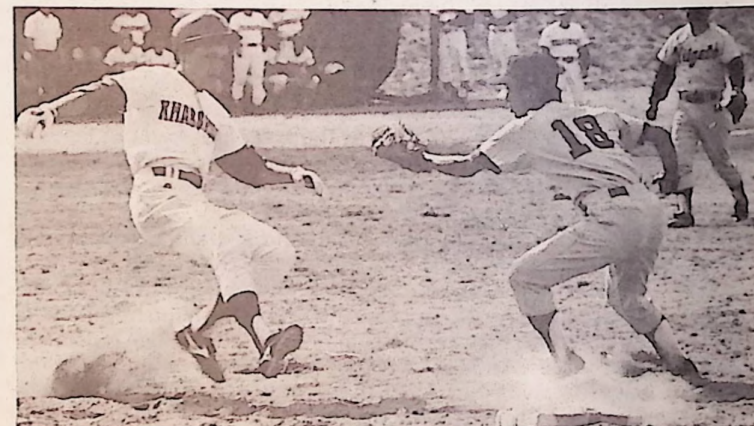
Meet the kofuter: cro



First ever icebreaker Pole.



Hard to find healthier, happier girls than the quads Sveta, Lyuba, Ira and Oksana Yaushchikov, born in 1980. All four originally weighed only 10 pounds and specialists didn't think they could survive.



Would you believe: baseball has hit Soviet sports fans hard. So far the first teams are just a laugh to westerners. But coaching from Cubans and Japanese shows that they're serious now.



These Kishinev kids were first to meet latest lion cub born in city's zoo. That zoo now has world reputation and boasts over 250 species of animals from many lands, nearly all breeding here.

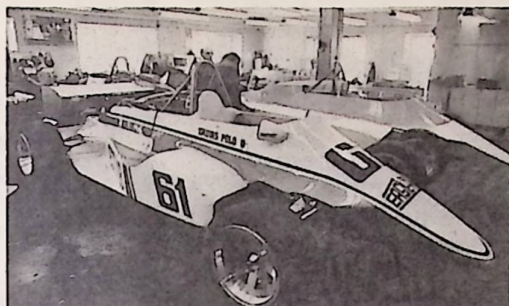


Glasnost (openness) has come to Soviet TV. This new show, "Public Opinion", is drawing record audiences. Main feature is getting people "off the street" to tell what they think is good, bad.

getting hard to keep up with their news



... between ferret and skunk.



Racing is getting big in USSR. These new "Est" (Estonia) cars are very promising.



No joke, this 4-man bike hits 20 miles per hour. Won top prize at inventor's fair.



reach North



After long lapse, Soviet and USA space experts are starting to pool research in effects of weightlessness. Despite 200 cosmonauts "going up", many queries are unanswered.



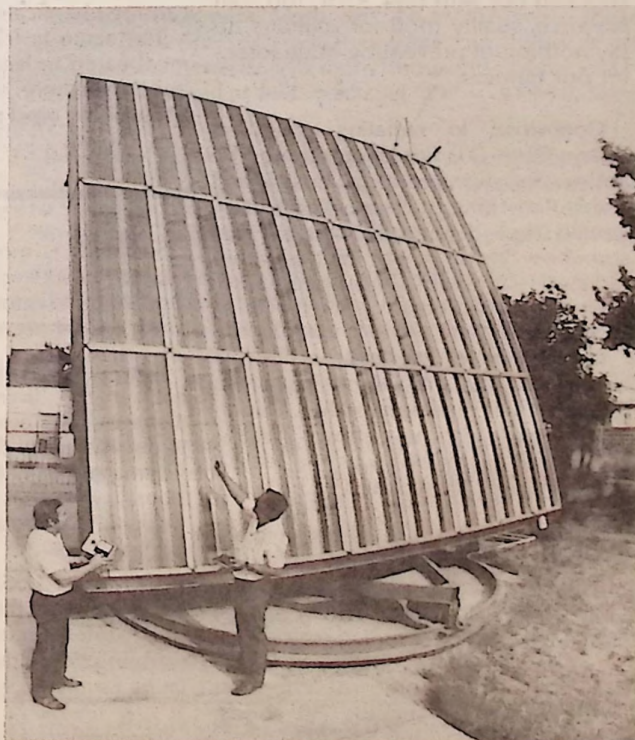
More and more Soviet girls are joining men's weightlifting clubs, for fitness and looks.



Soviet, Swiss and USA experts are pooling their ideas in this milking farm run by computers.



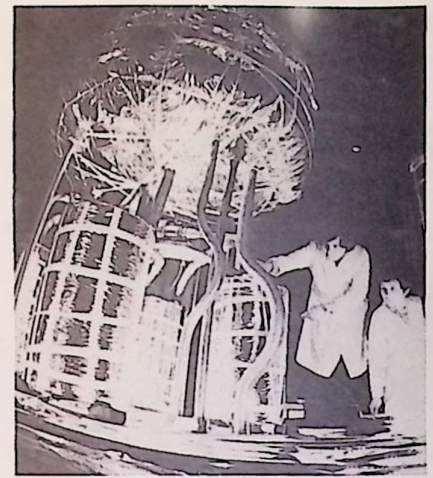
After many years bedridden, Alexandra Salkova gained normal living when her defective heart was replaced by a transplant. She's now 27.



Thorough tests approved this Soviet-Czech solar power generator. Will be mass produced for use in big sheep-raising farms of Kara Kum Desert.

You want to eat radiated foods?

Here in Canada our government Health Ministry plans to approve the sale of a variety of foodstuffs treated with nuclear radiation. In USA some radiated foods are available. But several states are considering laws to ban their sale. What's the score? What's the view of scientists over in Socialism?



Basic fact: foods are radiated (or "irradiated") when they are exposed to low-level rays, as a rule from Cobalt-60 rods. Rods don't touch the foods. But the rays should reach all parts of the food being treated.

Basic fact: low-power radiation kills a wide variety of pests (insects) and microbes (germs) which cause foods to spoil or even become poisonous.

Radiation can do many things. **Potatoes**, for example, don't sprout "out of season" after they are radiated. That can save vast quantities of food.

Wheat can be safely stored and shipped when fast-growing pests are knocked out with rays. That, too, can preserve quality food for millions, to say nothing of preventing huge losses for our farmers.

Opposition to radiating you find everywhere. It is fiercely promoted by anti-nuclear-war groups, whose stand is that "anything nuclear is bad". They spread the idea (quite untrue) that somehow "nuclear rays" remain within radiated foodstuffs and then cause cancer in consumers.

Even more widely believed is the claim that radiating foods destroys much of their nutritional value. Countless scientific tests have shown that this fear is just as imaginary as the fear of being "rayed" by radiated foods.

Nobody protests against the **millions** of cases of serious **food poisoning** caused by poultry products infected by germs (like salmonella) which can be easily eliminated by radiation.

The situation? Some 20 countries have approved radiating 30 foods. Widely sold in Europe and Asia.

No ill effects of any kind have been reported so far.

In 1975 the joint USA-USSR space crews ate many radiated foods, to protect them from germs.

Radiation won't work on some foods. It spoils their **flavor**. Some meats taste "scorched". Eggs develop a bad smell. These effects can be avoided by radiating foods at freezer temperatures.

What about vitamins in food? Here scientific opinion differs. Some researchers find certain vitamins are one-third **lost** by radiation. Others say the losses are almost **too small** to measure.

But this research on radiating foods has led to some painful disclosures about the foods we all eat, feeling safe. Processes like **preserving** and **smoking** are especially harmful. In fact smoked meats contain a high factor of cancer-causing chemicals.

The same is true of the **barbecued** meat eaten in large quantities by millions over here. The smoke contains some of the most potent cancer chemicals known.

Socialism is most concerned about the fact that one-quarter of the world's food output is now lost by **spoilage** which can be prevented by radiation.

They've been treating potatoes since back in the 'fifties. **No cases of food damage have ever been registered in Soviet radiation plants.** And that's the finding of the FAO (of the United Nations), which has issued "approved designs" for radiation equipment.

Right now USSR is producing (and selling abroad) plants for treating **poultry**; disinfecting of **grain** in storage and shipping; low-power devices for stimulating **farm crop seeds** before planting.

They expect a big future for radiating **fish and fish products**, after extensive tests on board trawlers, with and without fast-freezing plants.

You should note that radiated fruits, sold beside non-radiated (and clearly marked) *far outsold* the "natural" fruit in a Miami Beach trial.

Radiation was done in a plant made by Atomic Energy of Canada, which is producing many types of this equipment.

Northern Ireland, largely dependent on mass food exports is now installing one of the Canadian radiation machines.

Scientists in Belfast already have one of the world's most advanced laboratories for testing radiated foods. So far, they have no simple way to check such foods for so-called harmful changes after radiating.

The USSR is recognized leader in this field. With them, radiating foods is a "sideline". Their big plants are used in **chemical industries** (radiation speeds and cheapens many processes). Other commercial installations purify gases, sterilize sewage and medical instruments.

They're equally enthusiastic about the radiating of many kinds of **medical products**. No other system has such a high degree of efficiency in sterilizing devices, dressings, instruments, etc., used in hospitals. They're planning to make this a major branch of the Soviet medical industry.

Prediction from NN: any time now, you'll hear a public outcry about the **deadly radiation** millions of us are now receiving, in our homes and workplaces. This is **radon radiation**, coming from natural rocks and everything we make from rock, including concrete.

Latest revelation: in USA, in 10 states surveyed so far, *one in every five homes is more or less a radiation death-trap.*

In some places *nearly half* the houses are pouring radiation into their inhabitants.

No one notices it.

this Christmas you can make yourself ten times more popular than you've ever been



Two things can make your Gifts stand out this year. First, they should be something quite unexpected. Surprising. Then, if they are useful, beneficial to your friends, your thoughtfulness will be deeply appreciated. Here you will find no less than 333 such Gifts to choose from.

These 333 Reports cover such a wide variety of topics that you can find something 'just right' for almost everyone you know. And where else can you find any sort of Gift, this year, that you can send at a cost of 40 cents or less?

"Extend Your Life". Unusual collection of Reports that have won approval of countless Readers. Surprising variety of "methods". Send Set as gift, or 13 separate gifts.

"Extend Your Life". Set "A" — \$11.15, Set price \$5.55.

"Treating Health Problems". Methods used in USSR to solve common ailments. Really practical. Makes splendid gift, or "breaks up" into 12 separate gifts.

"Treating Health Problems". Set "B" — \$7.80, Set price \$3.90.

"Beings Out In Space?" — Most challenging ideas from USSR including the "Space-God" theories. If you wonder about astrology these (18) could fascinate other people too.

"Beings Out In Space" — Set "C" — \$11.70, Set price \$5.85.

"Save Your Heart". Wonderfully effective systems (7) they recommend in Soviet clinics. No drugs or equipment. Could change life for the better for people you know.

"Save Your Heart". Set "D" — \$4.55, Set price \$2.25.

"Eat For Health, Pleasure". Shows those on "diets" how to restore joy-in-living. For all concerned about getting most possible benefits from the foods they eat. 18 Reports.

"Eat For Health, Pleasure". Set "E" — \$11.70, Set price \$5.85.

"Most Challenging Ideas". For anyone you know who enjoys getting into arguments. But here are highly informative answers and views to wide variety of 24 disputed questions.

"Most Challenging Ideas". Set "F" — \$15.60, Set price \$7.80.

"Eating For Better Health". This takes on where Set "E" leaves off. Astonishing variety of 30 great ideas for eating for health. Many fascinating notions here, all practical.

"Eating For Better Health". Set "G" — \$19.50, Set price \$9.75

"Refreshing Controversials". Some of the most far-out ideas we've ever published make up this group of 15 Reports that people can't put down once they start going through them.

"Refreshing Controversials". Set "H" — \$9.75, Set price \$4.85.

"Troublesome Health Problems Solved". Included here are 30 serious ailments millions face. Soviet approach often brings hope and relief. For some complete cures are feasible.

"Troublesome Health Problems". Set "J" — \$19.50, Set price \$9.75.

"Proven Ways to Win Better Living." Thousands of people use these methods. Surprisingly different and effective. Several are longer than most of our Health Reports.

"Ways To Win Better Living." Set "S" — \$11.80 — Set Price \$5.90

"Control Weight, Restore Pep". Practical, effective and pleasant treatments that have been prescribed for millions in USSR. Most of these 19 methods are actually enjoyable.

"Control Weight, Restore Pep". Set "K" — \$12.35, Set price \$6.15.

"Strictly Personal Problems". Difficulties we don't like to discuss with others. Here's 24 Reports of top-ranking Soviet specialists who concentrate on getting results.

"Strictly Personal Problems". Set "L" — \$15.60, Set price \$7.80.

"On The Nuclear Brink". All those facts-and-fancies about the threat of a final war, to refresh your memory and start new thoughts. 9 Reports for getting others to wake up and think.

"On The Nuclear Brink". Set "M" — \$8.55, Set price \$4.25.

"Advice On Vitamins". In response to many requests here is latest word from Soviet specialists on what vitamins are most needed, why. 12 views differ from some here in West.

"Advice On Vitamins". Set "N" — \$9.75, Set price \$4.85.

"Effective Treatment Methods". Over the years these 30 Soviet "prescriptions", which anyone can follow at home, have proved beneficial to many thousands of people.

"Effective Treatment Methods". Set "O" — \$19.50, Set price \$9.75.

"Religious Conflicts". Jews, Palestinians, Catholics, Atheists, Protestants, Evangelicals . . . attitudes and problems relating to Soviet Union, Vatican, Socialism, youth. 12 Reports.

"Religious Conflicts" Set "P" — \$15.60, Set price \$7.80.

"Health Help Economically." Unusual collection of 16 Reports which show the way out of health problems afflicting millions. All these methods are recommended by Soviet specialists, do not involve medicines, and cost little.

"Health Help Economically". Set "R" — \$10.40, Set Price \$5.20.

"Best Waker-Uppers". Here you get 15 of the finest of all our controversial Reports. Most of them are thorough studies of highly contentious problems, guaranteed to "get" the reader.

"Best Waker-Uppers". Set "Q" — \$20.55, Set Price \$10.25.

"Their Crime Is No Big Problem." They don't have our terrible gun problem. Their jails aren't jammed. Treatment of prisoners is steadily easing up. Ten Reports.

"Crime Is No Big Problem." Set "T" — \$6.50 — Set Price \$3.25

GIFT WRAPPING A NUISANCE? Forget it. These Gifts need only an ENVELOPE. Plus a couple of Season's Greetings stickers if you wish. And a stamp.

EASY SHOPPING! Just check what you want on Page-26.

MOSCOW NEWS

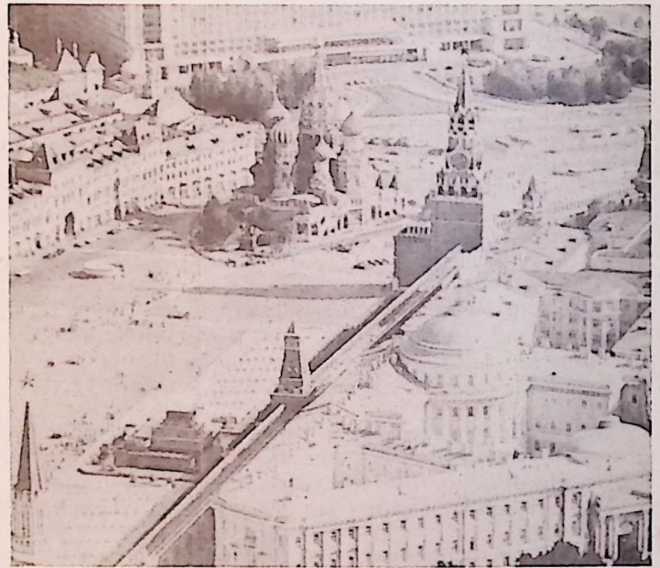
- The oldest English paper in the Soviet Union (started in 1930, has suddenly become the most popular.
- No mystery why: "Moscow News" has really taken up the challenge of "glasnost" — every page tells you frankly what the score is.
- To say that this paper is surprising would be putting it mildly, many of its recent articles have astounded readers.

Try this: A Soviet woman volunteer fighter in the Spanish Civil War (she's now 70) told indignantly how many Russian volunteers, honored for great bravery, were refused their medals . . . on "orders from above" (meaning Stalin). Why? Because they didn't win that war! And much more. Shocking.

Another: A noted artist greets the coming USSR Artists Congress and blasts the goody-goody paintings that have been "approved" for many, many years.

A Deputy-Chief of Police confesses, after public pressure, that he grossly violated a citizen's rights by having him taken to Police Station, for no reason.

Three major Soviet papers (Pravda, Znamya, Zvezda) are hauled over the coals by readers.



Just leafing quickly through two issues of "MN" we clipped these to read:

- About famed Jewish artist **Chagall**, at long last acclaimed in USSR.
- **Rudeness** of many Soviet youngsters (they pick it up from parents).
- Wonderful new spirit among many **Soviet farmers**.
- Many, many accounts of **visitors** to USSR (most of them enthusiastic).
- Letters, letters from Readers of every nationality and opinion. You won't believe how fascinating!

What's finest about **Moscow News**? It covers **everything**. Major government statements; the very latest in sports; science by world-famed researchers; ambassadors of nations big and small speak their minds; **statesmen** from the world over interviewed in the Kremlin; movie stars, authors, church leaders, **people famous and ordinary**, seniors and youngsters. And a lot of their material is **funny**, some **sad**, but every page is readable and packed with what is news in Moscow.



Moscow News Bargain: \$20.00 per year.
That's 52 issues to you Airmail.
English or French.
We'll rush your Sub (takes some weeks to start), and we suggest you use Subscription Coupon on Page-26.

Maybe you haven't been counting?

53 Revolutions



We are grateful to the eminent Soviet scientific historian, **Dr. Boris Koval**, for his most unusual report on recent research, in which he gathered the facts about **revolutions** which have taken place in the past 70 years . . . since the first Socialist Revolution in Russia in 1917.

- These 53 uprisings *changed "the system"* in some countries; in others, newly formed nations turned away from *Capitalism*; in still others, the people attacked *tyrannical-fascist rulers*.

- In the first 10 years after the Soviet Revolution, you can find the history of eight major uprisings. Some were full-scale attacks on *Capitalism* (Germany, Finland, Austria, Hungary). They were **defeated** before the people established *Socialism*.

- In Hungary, however, *Capitalism* was **fully replaced**, and a *Socialist* system introduced.

- In Bavaria and Slovakia you find *Socialist* Revolutions winning, but only for a short time. Surprisingly, in far-off Brazil, at a small place called Mage (near Rio de Janeiro) in November 1918 armed workers *succeeded in establishing Socialist Power*, for just four days.

- In the 1920's and 1930's there were major revolutions in *Cuba, Spain and China*. Big uprisings also took place in *Austria and Ethiopia*.

- Inspired by fascism, anti-*Socialist* forces cracked down hard on revolutionary movements in this period, and many forces restricted themselves to **defending** the young, growing *Soviet Union*. **All over the world** it became clear that a struggle was developing between revolutionary *Socialism* and reactionary *Fascism*.

- A new and tremendous upsurge in revolutionary forces came with World War Two. In just 10 years, 1939-1949, 13 revolutions took place in *Europe and Asia*.

- The biggest of these revolutions tended to hide mighty uprisings of the people in Guatemala, Indonesia, Burma, Malaya and the Philippines, where the battle for liberation **rocked Capitalism's colonial foundations**. All these struggles began to merge into a world-wide revolutionary trend.

- At the same time the world saw the emergence of a *new Socialist System on a planetary scale*. Largely, when a revolution aimed at establishing *Socialism*, the people were victorious. Indeed, in only one European revolution, in Greece, were foreign interventionists (British) able to defeat the working-class.

- It's enlightening to see how **28 revolutions** succeeded in 40 years after the war. In 1949-1959 big uprisings flared in Cuba, Bolivia and Algeria. From 1959 to 1969 mostly **progressive military factions** overthrew reactionary regimes (controlled by foreigners), with the army leading the people.

- The most recent period (1970 into the 'eighties) was **extremely active**, with **21 revolutions**. Struggles were fierce and participating forces very varied. Uprisings in Portugal, Peru, Panama and Grenada looked like major successes for a time, but one by one they collapsed.

- In his unique research Dr. Koval was led to **"classify" modern revolutions**. First: Those which succeeded in establishing a *Socialist* form of government (13 in Europe, 4 in Asia, 1 in America, Cuba). Six out of 19 *Socialist* Revolutions began as anti-imperialist. Three anti-fascist uprisings failed: Spain, Greece, Portugal.

- Very interesting are the 17 Revolutions in Less Developed Countries. They were all successful in setting up *systems aiming for Socialism*.

- Indeed, Boris Koval says history will classify the European *Socialist* Revolutions with the 17 LDC uprisings, making a total of 35 revolutions, or **more than half** of our total count.

- You can look at this another way: 41 Revolutions **triumphed**, while only 12 were **defeated** (almost all due to outside intervention).

- It is saddening to see that many revolutions led to years of **bloody foreign attacks**. Worst of all, in the *Soviet Union*; but also in Angola, Mozambique, Kampuchea and Nicaragua.

- But aside from foreign intervention, in the revolutions in Russia, and six other countries, internal Civil War caused great destruction and bloodshed. The world-wide advance of *Socialism* has been seriously set back by these after-revolution conflicts.

- Historians of *Capitalism* have always linked Revolution with War. Many claim that all revolutions today arise from wars. But Dr. Koval exposes the fallacy of this viewpoint. Of the 53 Revolutions examined for his report, the Soviet researcher finds that only 20 "grew" directly from warfare. Modern revolutions arise *most often from peaceful conditions*.

In fact, in many cases war delayed revolutionary uprisings. And in many nations war served to drag out revolutions, worsening their violence and suffering.

- Still more striking is the historical fact that *Socialist* Revolutions often **brought wars to an end**. In some cases (the Baltic nations) the *Socialist* Revolution prevented the start of bloody wars. Of course the "first", the *Soviet* Revolution in 1917, was the main factor that **brought to an end** the terrible slaughter of World War One.

- An extremely important lesson can be drawn from the historical facts about "revolution, war and peace." Lenin lived through World War One and saw that *further "development" of arms* might well **exterminate mankind**. Long suppressed, Lenin's view is now being considered by revolutionaries everywhere. He said that **human life in general takes priority over the interests of one class or another**.

So saving humanity from nuclear holocaust is more important than fomenting revolution!

This is, indeed, the most "revolutionary" idea that is facing progressives today. Which is the lesser of two evils, **putting up with Capitalism or making our Earth disappear?**

As a Reader of NN you must have views about this. *Send them to us, they're very important.*

You'd like to stand TALLER?

After this magazine reported on the work of Soviet Doctor Anatoly Palko, many Readers wondered if we could get more specific directions for those who would like to try for another inch or two. Some were very sceptical and wondered how the system was working out in USSR. Here's the latest.

In the past many people have tried to increase their height by taking up some form of sport or gymnastics which "stretches the spine" and thus restores normal height that has been lost by slouching posture.

But the Soviet system is different. It succeeds in adding height even to people who do sit and walk erectly.

It's not simple or easy. It demands daily effort for a long time.

While the Palko system is most effective if you can get to use a modern physio-therapeutic centre or clinic, here we don't count on such aids. What follows here is *what you can do for yourself, by yourself*.

For starters, you have to fix your mind on the need to **keep your body erect** at all times. Far from having a tensing effect, in time this straight up posture will give you a new, pleasant sensation of **relaxation**.

Smoking is out. Dr. Palko doesn't lecture, he simply points out that nicotine affects the hypophysis or pituitary gland, a very small, vital organ in the brain, in such a way that it will nullify all your "heightening" efforts.

Alcohol is out. It, too, has bad effects on the hypophysis. It can cause circulatory spasm and thus contribute to *losing*, not gaining height.

Smoking and drinking inhibit your body's normal metabolism, thus lessening the nutritional effect of your food. And improved nutrition is vital to achieving any height increase.

A very important factor in height increase is the use of stimulating and relaxing "water treatments". While steam baths are excellent, still you can get results using your bath tub and shower. Heat is the most important requirement, but cold water for "finishing" any hot bath is essential.

(You'll find among NN's listings of health reports several that deal with baths and water treatments, so you can take your pick).

As for diet, you must select the very best of *balanced diet menus*, and follow them unflinchingly.

Reason for this: certain parts of your body **must grow** if you are to add height, and growth can come only from the finest foods.

Basically, Dr. Palko's system increases height by **strengthening trunk and back muscles; plus lengthening the entire spine**.

We're dividing the "exercises" to simplify a complex system.

• The **toughest** comes first. You sit on floor, legs apart. Bend left leg so you can touch, with your left foot, your right knee. Twist body to left. Touch left foot with right hand. Twist more to left, put left hand behind you and touch right hip. Turn head so chin is above left shoulder. Hold breath for few seconds, then "unwind" slowly till you are in original position.

Repeat, moving in opposite directions. Repeat both sets of movements.

• Stand, feet together. Raise arms above head, inhale deeply. Slowly bend and touch toes with your hands. Touch knees with your nose. Exhale. Stay there five seconds. Repeat this four times.

• Lie on stomach. Inhale slowly, deeply. Raise head as high as possible. Straining spinal muscles, raise shoulders. Bend body backward, helping a little with your hands. Hold it seven to twelve seconds. Exhale slowly, return to starting position.

• Sit on floor, legs stretched out, touch toes of left foot with right hand, and left foot as high as possible. Same with right foot and left hand. Hold this position one to two minutes, breathing freely, deeply.

• Lie on back. Arms at side with palms down. Raise legs 45 degrees, pause, then raise them 90 degrees. Breathe slowly, deeply. Move legs as far as you can "behind" your head. Try to touch floor with toes. Then bend knees and try to touch them with your head. Hold a few seconds, then return to start.

• Stand, legs apart, arms stretched at shoulder level, palms down. Slowly



bend to left and try to touch foot with hand. Stay there five seconds. Slowly return to start. Repeat this twice in each direction.

• Lie on stomach, legs together, bend arms at elbows and raise them to shoulder level, palms down. Raise trunk as high as possible, raising head. Turn to left until you can see your right heel (keep legs and arms stationary, while lower part of stomach touches floor). Now turn right until you can see left heel. Bend upwards and backwards, then return to original position.

• Sit with legs crossed, bend back your head, slowly lean backwards until you can touch the floor with your head, while stretching your arms along your trunk. Stay there one to two minutes.

Clearly, these are not easy exercises. And that makes Dr. Palko grin, because he warns all his patients that the job of increasing your height is *very difficult*, and demands much will-power.

But then, over here we're told that there's **no way** you can make yourself taller. Over there, they point to hundreds of "graduates" of the "Gulliver Growth School" who have done the impossible.

This school is now in Mechnikov Lane, in Moscow, near the Kursk Railway Station. The men and women there are living proof that, contrary to medical teaching, *you can grow more height after age 20*.

Some of the patients are up to 50 years old!

No wonder that the Moscow City Sports School has decided to expand the Gulliver premises, into a large two-storey building. With many instructors. And soon, more such "height clinics".



Kotsia Dzidzaris and Shalva Simsin, both over 100, show off their muscles in some elbow wrestling.

100 Years and up



It's Rustam Khalilov's 106th birthday and he's happy to lead the singing with his "sax" (a kind of banjo). Old folks in Georgia are almost empty because so many families prefer to have their "seniors" stay at home with them.



They believe that grandchildren help to keep very old people alert and happy.



Famed "Narta" song-and-dance group. They go on tour far beyond their native Georgia, and really do perform well.



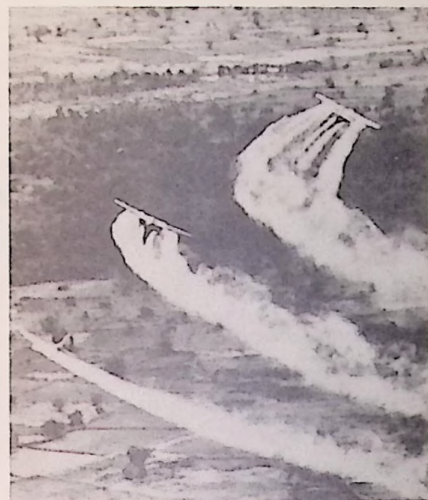
Himbel Gezerdeva (right) rode quite a way to tell his friend Haite Vartsitse that a grand-daughter had just given him his tenth great-grandson. "We'll celebrate!"



Their formula? All Soviet centenarians continue to do physical work and keep mentally active. Rustam's youngest daughter Bakhor has graduated high school.

Those Yellow Rain liars are exposed

As you will recall, in the grim years of the Viet Nam war USA bomber pilots drenched hundreds of thousands of people with "Agent Orange". When thousands of USA veterans fell ill from the effects of that deathly poison (intended to kill foliage), to escape public wrath the Pentagon turned on . . . the Soviet Union.



In 1981 USA first fired propaganda guns to distract from the horror tales in the media, about Agent Orange.

The State Department claimed that low-flying planes (from USSR of course) were spreading a yellow dust over Laos, Kampuchea and Afghanistan.

Scientists were said to have identified three toxins in this dust, never before found in nature in Southeast Asia.

Evidently the stuff was a chemical weapon of exceptional killing-power. Its victims died horribly: violent diarrhea, vomiting, bleeding. The USA claimed thousands had died this way, after sprayings by Soviet bombers and helicopters.

Because the powder came down from the clouds, local people called it "Yellow Rain".

But from the very start of this tale, conflicting evidence turned up. Canadian chemists, studying the environment in Asia, found those three toxins in Thai people who had never been in the "sprayed" regions.

Then it turned out that Canadian chemists were finding these toxins in agricultural products (especially corn) far away from the supposed "chemical warfare" zones.

The toxins were especially prevalent in Java. This was soon confirmed by Australian researchers.

Note that these studies had no connection with the Yellow Rain accusations. They did prove that the deathly "chemical warfare" rain was a **natural substance** found in those regions. An alarm was raised when the chemists discovered those toxins inside corn cobs, apparently of top quality.

Said *New Scientist* magazine: "There is no good reason to raise the spectre of chemical warfare to explain what happened in Southeast Asia."

Harvard biochemists, as far back as 1983, revealed that "Yellow Rain" turned out to be **the droppings of bees!** Indeed, they found exactly the same "Yellow Rain" particles in Harvard parking lots!

The American Association for the Advancement of Science (very prestigious) said at its May 31, 1983 annual meeting "Whatever the source of the toxins, it is possible that yellow rain is bee excrement."

Meanwhile, in USA itself, a crisis developed when thousands of chickens died after eating corn. Yes, that corn was found to resemble the crop in far-off Java: it contained deathly Yellow Rain toxins.

For several years feed companies and poultry growers were in the courts suing each other for . . . "yellow rain" damages.

The problem spread to Arizona. Big chicken ranches were closed down. The toxins are extremely hard to eradicate, and infest seeds before they are planted.

Note that in none of these events was Vietnam, Agent Orange, or Yellow Rain, ever brought up. The media, which reported on the chickens-and-cornfeed dispute, did not grasp that the State Department's charges against USSR actually referred to "chemical warfare" going on in several USA states!

All that was missing was **charges against Soviet bees** for attacking Afghanistan, by the millions, covering the helpless people with . . . *shit*.

This farce was given a new twist in 1984, when both USA and Britain claimed that Iraq was using Yellow Rain against Iran.

Washington did its bit: Iraq was getting this chemical warfare weapon from . . . *the Soviet Union*.

Alert reporters examined the bodies of Iranian soldiers said to have been "rained". They found no signs of the violent death caused by these toxins.

Same year (1984) several religious workers in Laos investigated charges that Laotian planes were spraying Yellow Rain to exterminate opponents of the regime. They could find no evidence whatever.

Finally, USA claimed that on the highest mountains in Laos (the Phu Bia) no less than 5,000 people had been rained to death.

Missionaries made the climb, but found no one who heard of the chemicals.

By 1985 quite a few biologists were fascinated by this question. Including top military chemists at Britain's Porton Down chemical warfare center.

One group went into Thailand and observed real natural Yellow Rain. It was dropped by **big swarms of bees**, and had a solid yellow content: *bee excrement*.

And the "rain" contained none of the toxins which do, sometimes, get spread by bees (through infested pollen of wild plants).

The Smithsonian Institution (Washington) came up with a firm statement: both the pollen found in "yellow rain" and the excrement of bees in these regions may contain deathly toxins of the kind that kills chickens. Never had any chemists linked these natural factors with chemical warfare by any country.

According to *New Scientist* the USA itself has contradicted the "Yellow Rain" warfare propaganda. Since 1982 their chemists have studied hundreds of samples of "evidence" from Asia without finding any traces of deathly toxins, in leaves, grasses or rocks.

It is now fairly clear that the only chemical warfare weapons used in this entire region were the **USA's Agent Orange** sprays used to destroy Vietnamese forests.

The thousands of victims on both sides are tragic witnesses to the terrible effectiveness of chemical warfare. **But Agent Orange was real**, whereas **Yellow Rain** was ridiculous propaganda against USSR and, now, against Iran.

The authoritative journal of USA research, *Science* (Vol. 237, P-1285, 1987) says flatly that only Agent Orange is the chemical warfare compound that could be responsible for thousands of USA deaths.

Here's the news our media won't print

Instead of crashing Socialism moves forward for the people

They've just struck it rich with "garnets". Way up north of Kamchatka, geologists (Institute of Vulcanology) came across a jewel-stone that disappeared from shops many years ago. "Demantoid garnets" (usually emerald green) are now being mined in big veins. Best ones are higher priced than diamonds.

Demanding that Moscow be run more efficiently, people are getting the complex facts. With 9,000,000 citizens, the capital has to provide for 345 new babies every day. 245 marriages. Only 757 apartments available daily. 17,000,000 transport passengers every 24 hours. Plus 3,000,000 visitors from other places, wanting to see the sights each day. All new services require very careful planning. But people don't mind when things keep getting better.

New camping stove also supplies power. Just light its burner and the "Triton", with thermo-electric generator, produces electricity to light a lamp, run small TV and radio. Plus heat enough for a small cabin or tent. Going into production for reindeer herders in far north, and geologists.

"Chernobyl mothers" have borne over 2,000 babies, since they lived in the zone of high radioactivity. Elaborate tests show children have no physical or mental effects from exposure to radiation.

Another promising earthquake-predictor: a distinctive kind of luminescence appears high in the skies, at twilight and in night, about 48 hours before major quake-shocks. Noted first in '84 and '86, the glow has now been shown to arise from electro-magnetic radiation deep inside earth, as massive rock-shifts occur. Sensors will be needed for all-year surveillance.

There are only 600 Yukagirs in world (in Soviet North) but they are getting a whole volume in a new series of folk songs and tales. Some 200 pieces were rated fine enough to warrant publication. Before Socialism these people had none of their rich folk lore recorded: they had no alphabet.

Nobody is going to love Mars, even if cosmonauts land there. Contrary to earlier notions the soil of Mars is now known to consist of frozen gases mixed with ice. The "atmosphere" is carbon dioxide gas. Those "dust storms" are likewise due to intensive evaporation of frozen gas.

The Kuzbass is almost unknown here, but it now has a population of over 3,000,000. In Siberia. Main city is Kemerovo. Recently 125,000 families joined gardening co-ops. This year they supplied stores with more fruit and vegetables than the area's 30 big state farms. Thousands more families are now waiting for their (free) garden-land plots.

Amur River pulp-and-paper mill was once guilty of shocking environmental pollution. Now big purification plants are in full operation. They can handle 360,000 cubic yards of industrial sewage per day. Plus delivering 120 tons of useful biochemicals. No out-flow from the mill goes into the Amur during the low water season (winter). Then the purification equipment is expanded. Several other plants are now being connected to this system.

Living plants "talk" in electrical language. Research at the Timiryazev Agricultural Academy shows that the electrical impulses sent out by plants can be recorded by special instruments. Plant roots, stalks, leaves and flowers all "communicate" with each other. And this language can be used to supply needed light, warmth, water, fertilizers, automatically. Seems to work for every type of plant from ornamental flowers to pine trees.

If you love those old railway steam-engines, get ready to see a whole new generation of steamers. Soviet engineers believe modern coal-burning equipment can power thousands of "yard" engines, which are very wasteful of petroleum fuels. The steam-burners use cheap low-quality coal, ground to fine dust. Automatically fed to the fire-box. Operates at one-third the cost of oil burners. Sorry, but there will be none of that romantic puff-puffing, since turbines will power the wheels. Another new Soviet design carries a high-pressure supply of steam that can operate a yard engine for eight hours. No fuel or water required on board.

Biggest of all Soviet hydro power plants, the Sayano-Shushenkaya on the Yenesei River, is nearing completion. Output 6,400,000 kilowatts. This station was a "pioneer", since it began to supply the national network with power as its individual units were installed. This huge sale of power "in advance" helped to pay a big piece of construction cost. Now workers at all new power plant sites are following this system.

Biggest birthday party ever in Socialism: people of Moscow turned out by the millions on the city's 840th anniversary in September. Over 300 entertainment companies performed on 80 temporary stages. Thousands went in for car, horse, and yacht racing. All organized spontaneously by people's committees in Moscow's 33 big districts.

Something new is visible on Mount Ararat now: not far from where Noah is supposed to have landed his ark, Armenian astronomers have put up a gigantic astro-physical telescope, made of brilliant aluminum. It is one acre in area. Made of 4,000 duraluminum panels that were cast right on the site. Plus an optical telescope as well. Combination of radio and optical instruments is unique in astronomy, and world-famed observatories are eagerly awaiting the first results.

Soviet farm scientists are now getting "planned orders". Thus, they are required to breed new spring wheat varieties that will give 5,000 kilograms of grain per hectare: biggest yield so far is 1300 kg, or half what a good winter wheat gives. Now the "order" is for a winter wheat that will deliver 10,000 kg per hectare! Using new genetic approaches the scientists are confident they can meet these demands.

Already leading the world in gas production, USSR now is aiming for 850 million cubic metres output per year. But to handle that (get it to customers) they'll have to build some 100,000 kilometres of new gas lines. Try to picture that job: 60,000 miles of pipe.

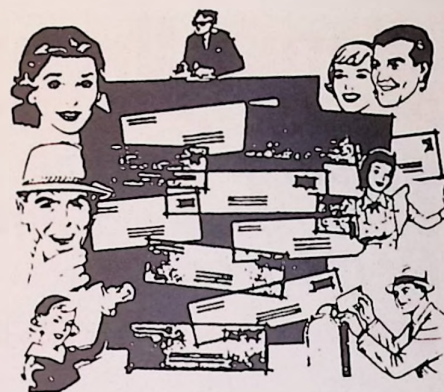
They're putting moths and butterflies to work. These tiny insects are extremely sensitive to biochemicals used by the opposite sex, to attract mates. Today Soviet biologists can make those "attractant" substances. What for? Get this: they put some attractant in oil or gas that's flowing through pipelines, and by carrying moths or butterflies in a slow-flying plane, over the pipeline, they can immediately tell when the insects detect any escaping attractant. This reveals cracks or other problems in the line. In another variation the insects are used to trace pipeline leaks over long distances. Natural sensitivity of moths and butterflies can work over a range of 6 or more miles! No instruments previously tried were as effective as these.

Soviet Commander Islands in Bering Sea is only place in world where the fur-seals are protected by man. Socialism has been so successful here that once-almost-extinct seals have greatly prospered. The region now has 35,000 seals, and soon regulated hunting will be resumed. The seals are also spreading to islands which they never before occupied.

Cheapest brown coal is transformed into super-fertilizer, in a process developed by micro-biologist Dr. Margarita Posadskaya of Krasnoyarsk. She discovered that a variety of microbe thrives on brown coal, and in the process of digestion converts the stuff into prime "chernozem" soil. Her process is fast, very cheap, and causes no environmental pollution.

You feel better when you say it to thousands

Practically every 'NN' Reader, all over the world, welcomes you when you write to us



"I think we have something to learn from the astonishing fact that these Russian words, *glasnost* (openness) and *perestroika* (restructuring) have become part of our English language almost overnight. I've already seen three instances when the idea of *glasnost* over here was praised, without any reference to the USSR. To my mind this hasn't happened since Sputnik became a word in every language on earth." M.V.

"I'll tell you straight. When I read about some of the things they are putting straight now it makes me wonder how in hell they ever advanced at all. If they hadn't caught all these mistakes when they did, it would have been bye-bye to their system." K.J.

"Please send 25 copies of your publication *Poland Answers*. If not enough I'll send balance when my mother renews her NN Sub." M.R.

"Friend of mine is just back from a tour of four Republics. She says she never had a conversation without feeling good. Better than she did on other (previous) trips. 'Now you know when they tell you something that it's true, while before, often they said things that you could see with your own eyes were not truthful.' I feel 'glasnost' is the greatest thing they've done so far." L.E.R.

"I have to laugh reading the business papers which reach me in our office. Seems every company in the land is *restructuring*. But for most of us it's a scary word because it usually means firing people." J.C.T.

"We took a tour of USSR from Canada. Accommodations were excellent. Went to Moscow, Kiev, Yalta, Leningrad. 20 days with 19 Canadians and 2 Americans. An enjoyable group." F.M.M.

Note from NN: We are using a new system to address the magazine. We ask every Reader to check the address on the envelope that contained your 'NN'. If it is not correct in every way, or if it lacks the 'postal code' number, please let us know immediately. Enclose the label, marking the mistake. Please do this!

Another note from NN: As you know, we had a strike in the Canada Post Office. This caused NN immense harm. Subs and book sales fell to zero. Worse, some post offices would not accept mail for any Canadian address. But people had no way of finding out when service would be resumed. Friends, this is tough on NN!

"I wonder if you know that the latest 'health fad' in USA is what they call 'vision therapy'. Based on the idea that certain exercises can improve your eyesight. Sure, it's just what Soviet specialists have been doing for many years. You reported their work in NN long ago. I personally used your Report *How To Help Your Eyes* years ago, with much benefit." S.P.

Note: That Report, No. 440, is still available (and popular) at 65 cents.

"Considering all the saber-rattling by Reagan, and their advances in space technology, will the Soviet Union be able to stop these man-haters from destroying life?" W.J.W.

"Human beings have always strived for a better life. Long before money was thought of. Or the Class Struggle. I'm sure cave men shared new and better ways of doing things. And without thought of personal gain, just the thought of helping their fellow man. The love of money is the root of all evil." T.S.H.

"I was amused and surprised to see that over in USSR they now realize that Karl Marx said striving for personal advancement is the basic urge in humans, from back to before civilization. I'm happy to see that they are overcoming their former hatred of people who strive to have a better life. This is basic to Socialism. You should be paid, by society, according to the quality and quantity of what you produce for society. This is going to greatly benefit their Socialism. If workers become prosperous, so much the better for them!" D.L.

"Having read NN for some years, and comparing your reports with what I witnessed on trips to the USSR, I find this magazine the best reading of all. Keep it up, and may the good Lord be with you!" J.J.S.

"I started to believe in Socialism over 50 years ago. Since I started reading NN I have been convinced more than ever. Continue the good work." O.J.

"Keep it up!" NN is the most interesting, most concise, BEST periodical of all our subscriptions." A.V.A.

"They don't need the Class Struggle anymore. They won it 70 years ago. Now they need to make full use of all the advantages of worker-power." Y.E.

"I've been a reader of NN since its first issue. Now on my 86th birthday I'm going to give myself a present. Dyson Carter's new book *This Story Fierce And Tender*. Here is payment for it: \$1000. Please autograph it for me." W.S.

Reply: Dear Friend, you didn't need to pay \$1000 for this book! But believe us, your generosity came at just the right time, since the Postal Strike has all but put us into bankruptcy.

"One reason for so much anti-Soviet propaganda is the huge conglomerates owning the news media with billionaires at the top. Lady friend of mine who is on the editorial staff of a paper here said both her editor and publisher were vehemently opposed to the Bork nomination to Supreme Court. Yet a powerful stockholder forced the paper to write an editorial in favor of Bork. My friend said to me, trembling with anger, 'The whole focus of USA is profit! Americans say they worship God but they really worship money and profit!'" T.F.

"I met the party whose name is given here. When I explained about NN he seemed so interested that I suggested he might take out a sub." O.J.A.

Note: That person is now a subscriber. This is an approach that often gets a good response.

"Sorry I've been neglecting to help NN financially. So maybe the enclosed cheque will make up for the delay." C.S.

Reply: All NN Readers will join us in thanking C.S. for his very generous support. It came just when post office problems were getting us cornered.

"Recently had the 'flu and complications set in so was three times in hospital, with all kinds of expensive tests. I find that the doctors work hardest on old people like me. It's the way they can get all the money they want. Young people don't get sick." J.M.

"Your magazine is excellent. I share it with friends. NN with its objective information and views on many subjects is a beacon of truth. I'm enclosing an article I wrote on *political prisoners in USA*." R.P. (Political Prisoner)

"When somebody asks me 'What can you believe?' I give them NN. I'm not flattering you because you sure did print a lot of hokum that came from over there. But you've got a real reputation for telling it like it is. Keep on!" T.W.L.

"Your 'long-time reader of NN' is right. A higher level of intelligence is the solution to what bedevils human society. The dominant attribute of the human race is stupidity. Flock by millions to just see and hear a Pope spout religious pap and claptrap." A.V.

From NN: What do Readers suggest is the remedy for "stupidity"?

"Maybe I'm wrong but I think all this 'openness' is going to harm Socialism. They should let the capitalist media do all the mud-slinging. If they want to argue among themselves about what was wrong in the past, at least they should keep it to themselves. I think it puts Socialism in a bad light." T.O.

Put new POWER into your ideas

It's good to be entertained by a book. But when pleasure in reading is followed by new strength in your thinking, then you've got it good. Here are seven books worth trying.

Finding out what goes on inside you

Nowadays most people think they have a fairly good idea of how their internal organs work. But actually you'll find that their information can be **out-dated**. And that explains why we've **sold out this book** time and again.

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"PHYSIOLOGY FOR EVERYONE" — Over 50 main topics — Bargain at \$4.90

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People respect this book because they feel that coming from the Soviet Union it will be free from *greed, envy, lust, admiration*. Even though it is all about **Gold**. Takes you right back to the gold of ancient times, up to the gamblers of our money-exchanges.

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Some readers say this is better than any travel book. But you can use it to take a comfortable trip through the Soviet Union. Not just to see the sights but, more valuable, to *meet the people*. Some of the photos are beautiful enough to frame.

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Do you realize that Capitalism began with human families?

This subject is almost unknown to our high school (even college) students, but in the Soviet Union elementary school-children are familiar with this book. One of the great political-economic classics. Deals with ancient peoples, and Greeks, Romans, our Indians. And . . . the State. You get right into the "birth-place" of Capitalism, and the idea that the few are privileged to rule the many. This book enlarges your view of the human race in a fundamentally new way.

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