

DEMOCRATIC PEOPLE'S REPUBLIC OF

KOREA

Juche 107
(2018)

3

(No. 746)



CONTENTS

Δ Military Parade Held in Celebration of the KPA Anniversary.....	1
Δ Supreme Leader Gives Field Guidance to Various Sectors.....	18
Δ To Turn the Mountains across the Country into Green Forests.....	22
Δ Education Put on a Highly Scientific, IT and Modern Footing.....	26
Δ To Produce More Processed Fish.....	30
Δ Munsu Water Park.....	32
Δ First Women's Football Team in Korea.....	36
Δ Shopping Mall on Ryomyong Street.....	38
Δ <i>Natural Monument</i> Fossilized Footprints of Dinosaur in Ryonggung-ri.....	41
Δ Korean <i>Archaeopteryx</i>	41

FRONT COVER: Mechanized columns of the KPA rumbling past, showing off the invincible military might

Photo: By courtesy of the KCNA

Pictorial KOREA is published in Korean, Chinese, Russian and English.



Military Parade Held in Celebration of the KPA Anniversary

In the stirring period when a revolutionary general offensive is being waged to achieve fresh victory on all fronts of building a thriving socialist country under the leadership of the great Workers' Party of Korea, the Korean service personnel and people celebrated the 70th anniversary of the founding of the Korean

People's Army with splendour.

A military parade was held at Kim Il Sung Square in Pyongyang on February 8.

Kim Jong Un, chairman of the Workers' Party of Korea, chairman of the DPRK State Affairs Commission and supreme commander of the Korean People's Army,

was present at the military parade.

Amid the playing of the welcome music, the Supreme Leader, together with Ri Sol Ju, appeared on the platform.

All the participants in the parade burst into thunderous cheers of "Hurrah!" and chanted "Kim Jong Un" and "Devoted Defence," rocking the sky.

Supreme Leader Kim Jong Un delivered a congratulatory speech.

He said that a grand parade of the combat units of the KPA was to be held today, marking the 70th anniversary of the founding of the Korean People's Army, revolutionary regular armed forces, by the great leader Comrade Kim Il Sung.

He continued to say that the first parade of the regular armed forces held 70 years ago in the square in front of the Pyongyang Railway Station demonstrated the proud image of the newly-emergent Korea, and today's military parade will demonstrate the mettle of the powerful Democratic

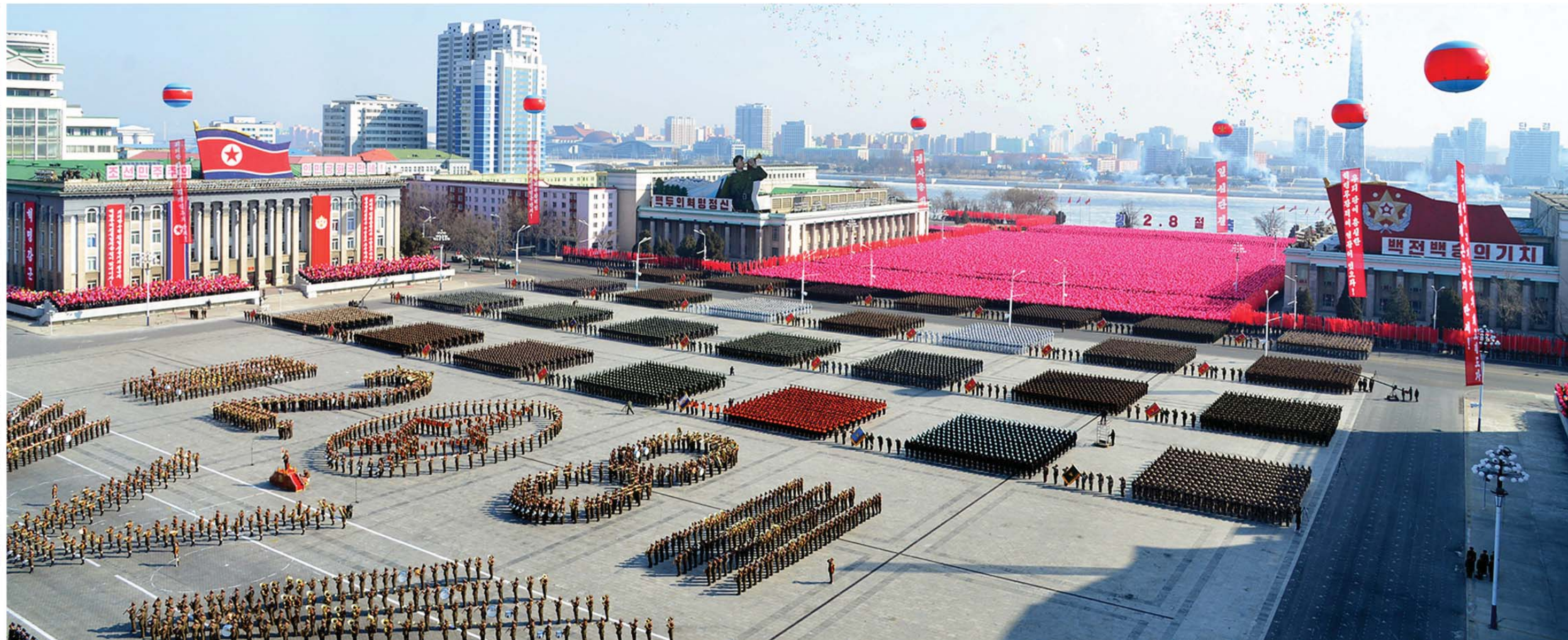
(To be continued on page 14)



The respected Supreme Leader Kim Jong Un reviewing the honour guard of the KPA services [February Juche 107 (2018)]



The respected Supreme Leader Kim Jong Un delivering a congratulatory speech [February Juche 107 (2018)]





Flags bearing the beaming images of President Kim Il Sung and Chairman Kim Jong Il entering the square escorted by KPA officers



The respected Supreme Leader Kim Jong Un acknowledging the salute of the marching columns [February Juche 107 (2018)]



Columns symbolizing those in the initial period of the regular armed forces





Columns marching past in a stately manner









Fighters flying past, leaving colourful vapour trails over Kim Il Sung Square



Columns of the KPA Strategic Force marching past, showing off the invincible might of the army



(Continued from page 1)

People's Republic of Korea which has developed into a world-class military power.

As this elite revolutionary army played the role of the standard-bearer and solid cornerstone for defending socialism and the revolution at the forefront of the anti-imperialist military front and the construction of a prosperous country, he said, our Republic has won one brilliant victory after another in the battle to safeguard socialism and gained the high reputation of a world-class military power. Noting that in world history cannot be found any other nation that accomplished the great cause of army building from scratch by relying on its internal forces and built an elite army in spite of the protracted, worst-ever challenges and blockade, he added that such brilliant exploit of building a powerful army for the sake of national prosperity is a miracle that can be wrought only by the great Comrades Kim Il Sung and Kim Jong Il, the peerless patriots and iron-willed commanders.

He said that our army, which has grown up into a world-class powerful army, is a stout pillar in preventing the catastrophe of war and defending peace on the Korean peninsula and in the region

and a force that makes breakthroughs in the vanguard of the grand march of our people towards final victory for the socialist cause. He expressed his full conviction that the Korean People's Army will continue to reliably defend the Party and the revolution, the country and the people, and increase its strength in every way possible to safeguard justice and peace.

After the speech, flags bearing the beaming images of President Kim Il Sung and Chairman Kim Jong Il entered the square escorted by KPA officers, amid the solemn playing of *The Leader and the General Are Together*.

As the music of *Song of National Defence* was played, columns symbolizing those in the initial period of the regular armed forces marched past with lively steps.

They were followed by the columns of KPA services, army corps-level units, arms and corps including medical corps. And the mechanized columns rumbled past, showing off the invincible might of the powerful revolutionary army.

The paraders marching past the platform shouted "Hurrah!" looking up to the Supreme Leader.

The Supreme Leader raised his hands in salute as the columns marched past,

demonstrating the features of regulars as a strongest revolutionary army.

When the military parade ended, all the participants burst into thunderous cheers again while fireworks were set off and balloons released.

The Supreme Leader went along the balcony to wave back to the cheering crowds.

The military parade held in celebration of the 70th anniversary of the founding of the KPA demonstrated the faith and will of the entire army and all the people to further consolidate the DPRK into an invincible fortress of socialism and bring earlier the final victory of the Juche revolution by arming themselves thoroughly with immortal army building ideas and exploits of the great leaders and rallying closely behind the respected Supreme Leader Kim Jong Un.

That day Pyongyang citizens lined up the streets to welcome the paraders.

Various events, including the music and dance performance given by the State Merited Chorus, the Moranbong Band and the Wangjaesan Art Troupe, took place to mark the anniversary.

Article: Kim Thae Hyon
Photo: Ri Kwang Song, An Chol Ryong,
Pak Chang Bok, Pang Un Sim



The respected Supreme Leader Kim Jong Un acknowledging the enthusiastic cheers of the crowds [February Juche 107 (2018)]





Pyongyang citizens warmly welcoming the military paraders passing through the streets



Supreme Leader Kim Jong Un visiting the State Academy of Sciences [January Juche 107 (2018)]



Supreme Leader Kim Jong Un visiting the reconstructed Pyongyang Teachers Training College [January Juche 107 (2018)]

Supreme Leader Gives Field Guidance to Various Sectors

Last January Kim Jong Un, chairman of the Workers' Party of Korea, chairman of the DPRK State Affairs Commission and supreme commander of the Korean People's Army, provided on-the-spot guidance to various sectors.

Supreme Leader Kim Jong Un visited the State Academy of Sciences.

The Supreme Leader, together with his entourage, made a bow to the statues of President Kim Il Sung and Chairman Kim Jong Il at the academy.

Looking round the renovated revolutionary museum of the academy, he stressed that the academy should intensify ideological education through the revolutionary museum. By doing so, he said, all its scientists should cherish an unshakeable faith that science has no boundary, but they have the base for science, valuable socialist motherland they should serve with science, and that they would conduct scientific activities only under the red flag of the WPK, thus adding eternal lustre to the noble intentions of the great leaders with brilliant achievements in science and technology.

He noted that the thriving socialist country we are building is a knowledge-based economic power driven and guaranteed by means of science and technology on the advanced international level, and that the atmosphere

of attaching importance to science and technology should be established throughout the society so as to make all the people masters and developers of science and technology.

Supreme Leader Kim Jong Un visited the renovated Pyongyang Teachers Training College.

While looking round the room dedicated to the college's history, education and science exhibition hall, education control room, multifunctional lecture room, library, gym, dormitory and other places of the college, he got familiar with reconstruction and modernization.

He said that the educational work is a patriotic undertaking of everlasting significance for the future of the country and the teachers training colleges have important tasks to perform in the effort to make ours a country of education, a talent power, by bringing about a radical improvement in education in the new century.

Educational conditions and environment serve as a valuable foundation for training talents, he said, adding that the colleges and schools should be furnished not only conveniently for the study and life of the students but also excellently in keeping with the pedagogical requirements and befitting the



Supreme Leader Kim Jong Un visiting the Pyongyang Pharmaceutical Factory [January Juche 107 (2018)]



base of cultural revolution. He also stressed that the work should be conducted dynamically involving the entire Party, the whole country and all the people.

The Supreme Leader provided on-the-spot guidance at the Pyongyang Pharmaceutical Factory.

He looked round different places of the factory including workshops of packaging materials and modern and traditional medicines to get familiar with production.

He was satisfied with the fact that the factory has properly established with

local efforts and technology the integrated manufacturing system that conforms to the GMP for the first time in the country's pharmaceutical industry sector.

The Pyongyang Pharmaceutical Factory should normalize the production of various medicines required by people in health promotion, medical treatment and prevention, he said, referring to the need that the related sectors should supply in good time and without fail raw and other materials and technical means for the production.

Noting that in order to produce in larger amounts the medicines, important



Supreme Leader Kim Jong Un visiting the renovated Pyongyang Trolley Bus Factory [January Juche 107 (2018)]

material foundation for giving full play to the advantages of the people-oriented health system of our country and one of major means in medical treatment and preventive work, and supply them to the people, the Pyongyang Pharmaceutical Factory should be renovated in a modern style, he set forth important tasks to that end.

Supreme Leader Kim Jong Un gave field guidance to the modernized Pyongyang Trolley Bus Factory.

After familiarizing himself with the modernization and production of the factory looking round its processing, motor, bus assembly, overhaul workshops and different places, he saw a new model of trolley buses manufactured by the factory.

For the factory to manufacture better and more wonderful trolley buses in larger numbers and enable the citizens to use them is an undertaking to give a facelift to the capital city and provide the people with civilized living conditions and at the same time an important one to defend the policy of the WPK that takes it as its mission to serve the people and sustain the original features of people-centred socialism of our style, he noted. And he set the tasks to be carried out by the factory.

A trial run of a new model of trolley bus was made in the presence of Supreme Leader Kim Jong Un in February.

Busy as he was with a tight schedule, the Supreme Leader found time to go round the capital city by the new trolley bus late at night, saying he could feel



Supreme Leader Kim Jong Un riding in the trolley bus of a new model on its trial run [February Juche 107 (2018)]

relieved only after riding in the bus which he had inspected during his recent on-site guidance over the updated Pyongyang Trolley Bus Factory. He praised its technical conditions.

Saying that the capital's passenger service should be put on normal track by steadily waging a drive to upgrade the technical specifications of the trolley bus and mass-produce it, he earnestly said that the capital's passenger service sector should make proactive efforts to satisfactorily facilitate

public transport.

The Supreme Leader's field guidance to various sectors greatly encouraged the Korean service personnel and people who are launching a revolutionary general offensive to achieve fresh victory on all fronts of building a powerful socialist country.

Article: Kim Hyon



To Turn the Mountains across the Country into Green Forests

The Korean service personnel and people are keenly feeling the patriotic devotion of the respected Supreme Leader Kim Jong Un to creating a new history of forest restoration in the country.

In November Juche 103 (2014) the Supreme Leader visited the Central Tree Nursery and gave important instructions on expanding the forest resources. Afterwards, on February 26 Juche 104 (2015) he gave a talk to senior officials of the Party, army and state economic organs, titled, *Let the Entire Party, the Whole Army and All the People Conduct a Vigorous Forest Restoration Campaign to Cover the Mountains of the Country with Green Woods*, in which he unfolded a magnificent blueprint for turning all the mountains into “treasure mountains,” into “gold mountains,” within the coming ten years.

Noting that we can no longer back off from the issue related with the forests and that no one can claim that he is a master of the country, nor can he speak about patriotism, as long as the forests are left as they are, he proclaimed the forest restoration campaign as a war to improve nature, in order not to hand down the coming generations bare mountains, piles of earth.

According to his unshakable will and resolution, the DPRK has advanced afforestation as an important issue of the Party’s policy, a national strategic task.

The Central Committee of the Workers’ Party of Korea, the DPRK National Defence Commission and the KPA Supreme Headquarters issued a joint resolution calling on the entire Party, the whole army and all the people to turn out in a dynamic forest restoration campaign, and powerful headquarters for the campaign were formed. And afforestation plans were worked out based on a correct analysis of the state of the mountains throughout the country as well as

patriotic enthusiasm of the people and realistic possibilities.

Supreme Leader Kim Jong Un who specified the tasks for successfully conducting forest restoration roused the entire army and all the people to its implementation.

On Tree-planting Day (March 2) in Juche 104 (2015) he visited a KPA unit to plant trees of good species he brought with him. Last year he went to the Mangyongdae Revolutionary School on Tree-planting Day and planted trees with the students. Planting a tree himself for a good while, digging, watering and firming soil, he said to the students that what is important in planting trees is the number of trees having taken their roots, not that of planted ones.

During his visit to an island-defending unit of the Korean People’s Army on the East Sea of Korea, the Supreme Leader, greatly satisfied that the place was thick with trees, instructed that the island should be turned into green woods by planting trees in larger numbers. And at the Songdowon International Children’s Camp he encouraged the officials to plant many trees in the compound in autumn. Not only the service personnel on the island and officials of the camp, but also the entire army and all the people turned out in forest restoration campaign, learning from the ennobling example set by the Supreme Leader.

Within a few years trees were planted in the area of hundreds of thousands of hectares throughout the country, and many cities and counties overfulfilled their tree-planting assignments. Tree Nursery No. 122 of the Korean People’s Army has been built as the nursery in the 21st century in keeping with the requirements of the era of the knowledge economy, and other local tree nurseries have consolidated their material and technical foundations to expand



Supreme Leader Kim Jong Un planting trees on Tree-planting Day [March Juche 106 (2017)]



In hearty response to the patriotic call of the Supreme Leader all the service personnel and people across the country have turned out in forest restoration campaign



Tree Nursery No. 122 of the Korean People's Army and other tree nurseries built in all parts of the country ensure the solid material and technological foundations for sapling production

the production capacity of saplings.

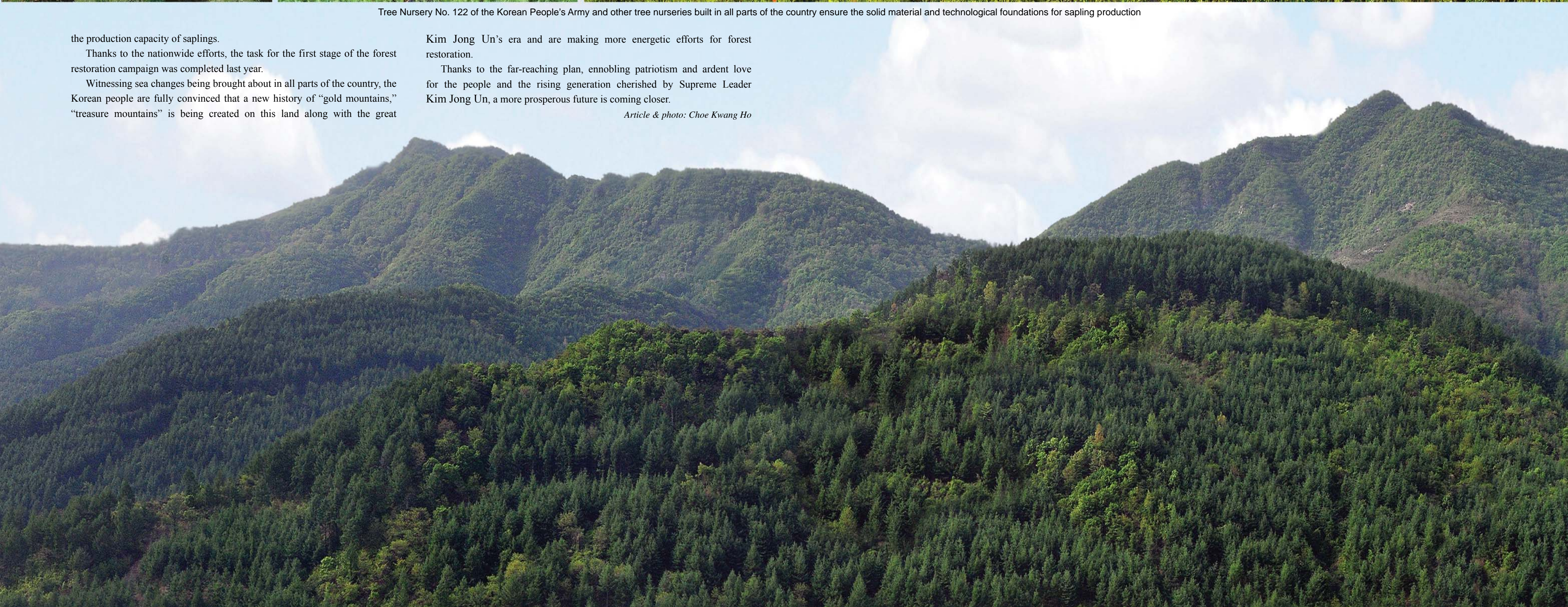
Thanks to the nationwide efforts, the task for the first stage of the forest restoration campaign was completed last year.

Witnessing sea changes being brought about in all parts of the country, the Korean people are fully convinced that a new history of “gold mountains,” “treasure mountains” is being created on this land along with the great

Kim Jong Un's era and are making more energetic efforts for forest restoration.

Thanks to the far-reaching plan, ennobling patriotism and ardent love for the people and the rising generation cherished by Supreme Leader Kim Jong Un, a more prosperous future is coming closer.

Article & photo: Choe Kwang Ho





As all the lecture rooms are turned into multifunctional ones, including a room for practical training in how to teach primary school pupils, a room for acquiring teaching methods for experiment in natural science and a room for diffusing the technique of developing children's intelligence, students are provided with ample conditions for conducting specialized practical training in virtual and actual situations.

The college has adopted the method of evaluating students' performance by teachers' standard and other teaching methods in a classroom furnished to combine school education and family education.

The sports hall and indoor swimming pool in the college's gym laid out to hold political and cultural events as well as various sports games become the favourite haunts for both teaching staff and students.

The library likened to the Sci-Tech Complex in its miniature version has a large collection of books, has access to the central database for information and to other universities to receive education online from well-qualified lecturers.

The finely reconstructed Pyongyang Teachers Training College, true to its mission as a pedigree farm for the training of the teachers, is bringing up its students to be competent teachers for the future of the country.

Article: Kim Hyon
Photo: Choe Won Chol, Kim Yun Hyok

Education Put on a Highly Scientific, IT and Modern Footing

In the DPRK that regards educational work as a patriotic undertaking of everlasting significance for the future of the country, a dynamic drive is being waged to bring about a radical improvement in education in the new century. And amid the drive the Pyongyang Teachers Training College was reconstructed as befits a pedigree farm for training teachers.

The college with a total floor space of over

24 100 square metres has modern multifunctional lecture rooms, education control room, educational science exhibition hall, library, gym, dormitory and others.

In its effort to implement the WPK's policy of putting education on a highly scientific, IT and modern footing, it has equipped itself with cutting-edge educational apparatuses, sophisticated teaching tools and management and operation

facilities, and is striving to effect a turn in the educational work and study.

With a high sense of being responsible for educational work and becoming masters in bringing about a radical improvement in education in the new century, its lecturers are devoting their ardent patriotic enthusiasm and pure conscience to the work and pooling their wisdom and efforts to develop and introduce advanced teaching methods.



Overall educational and scientific affairs of the college are under supervision at the education control room



All the lecture rooms are furnished as multifunctional ones to conduct practical specialized training



Students are preparing themselves as competent educators to bring up the future personnel of the country





To Produce More Processed Fish

The company has creditably carried out its annual fish catch plans, by hauling a variety of fish all the year round, such as hard-finned sandfish, squid, anchovy, *Chinoecetes opilio*, mackerel, and herring.

At the processing grounds with ample conditions and facilities for ensuring hygienic safety and freshness in fish processing nearly 30 kinds of processed goods are produced in large amounts.

The company has introduced quick-freezing method to retain the natural tastes for fresh fish and other preserving method into fish processing. As a result, its processed products, dried, quick-frozen and pickled, are favourably recognized as they are fresh in taste and high in quality.

There is also sea-water breeding ground capable of keeping fishes alive, so as to supply them to commercial service establishments.

The company's products are popular among the people.

Article: Pak Pyong Hun

Photo: Hong Thae Ung



The Songchongang Forwarding Company which is situated in Haeon District, Hamhung, South Hamgyong Province, is making innovations in the aquatic production and processing in an effort to implement the policy of the Workers' Party of Korea to enrich the people's dietary life by adding lustre to the history of "gold seas."

It is fully equipped with material and technological conditions for catching and processing fish, including more than ten fishing vessels and bases with sophisticated processing facilities.

When the vessels fully loaded with fish return home, the caught fish are speedily transported to processing grounds.



Proper arrangements for production are made to turn out quick-frozen, pickled and other various aquatic products

Sea-water breeding ground for keeping fish alive



Modern facilities in the DPRK established for the people's cultural and leisure activities are always reverberating with merry laughter of the people.

The Munsu Water Park built in the east Pyongyang area commanding a picturesque scenery of Moran Hill and Rungna Island was crowded with people even in the middle of winter with snow covering everything and piercing cold weather going on.

In the water park, occupying an area of nearly 125 000 square metres, the most favourite haunt was the indoor wading pool with an area of 16 500 square metres and a daily accommodation for several thousand people.

It is well lighted with sunlight through the tetrahedral roof of transparent hard glass and is installed with geothermal energy system to keep the proper indoor temperature.

Nine pools in the indoor wading pool, including wave pool, wading pools with slides, mother-child pool, children's wading pool, teemed with people and children paddling in delight. On weekends and holidays the pools nearly burst with people.

People enjoying themselves at the swimming pool, young people with vociferous cheers sliding down water slides varying in types, and children playing in the water—these were a fantastic sight to behold.

Other people looked down at them in delight from the second floor featured by wonderful arrangement of catering and welfare service facilities.

Not only wading pools but also the resting halls and other places laid out splendidly, and uniquely-designed saunas attracted many people.

Seen in the gymnasium that is adjacent to the indoor wading pool and furnished with basketball, volleyball, tennis, and badminton courts, and bowling alley were a lot of people in enthusiastic sports matches, and cliff-climbing facility fitted on one wall was covered with those boasting of their courage and agility.

Fitness rooms fully provided with necessary equipment for the physical exercises were also crowded with people.

People jumped into the pools again and again, raising huge sprays of water.

The Munsu Water Park where people can disport themselves in water even in midwinter cold was the favourite place attracting a large number of people.

MUNSU WATER PARK

Article: Choe Kwang Ho

Photo: Kim Yun Hyok







Korean women football players participated in the ninth Asian Women's Football Championship in Juche 82 (1993)

Among the players who made their debut in the national team were Rim Sun Bong and Ri Hong Sil who had suitable constitutions for playing football, with sturdy physiques, keen anticipating ability in playing, and natural high speed, and Kim Kum Sil who left home to become a football player despite a strong opposition of her parents.

Though they followed different courses to the football pitch they were unanimous in their consciousness that they were the first women football players who would bring honour to the country. With this high sense of responsibility, they made patriotic and painstaking efforts to blaze a new trail for women's football in the country and develop it to the world level.

The Korean women's football team won the top place in the European football match held in the former Czechoslovakia in August Juche 78 (1989). It also beat the team of excellent players picked from the four participating teams, four-nil, surprising the spectators.

In Juche 79 (1990), only after three years of

its organization, the Korean women's football team achieved an amazing success of emerging as one of the three strong teams in Asia at the 11th Asian Games, and won the second place at the fifth international women's football tournament held in Varna in Juche 81 (1992). Not resting on its laurels, the women's football team made strenuous efforts, until it finished in second place at the ninth Asian women's football championship in Juche 82 (1993) and entered the third women's World Cup in Juche 88 (1999).

Women football players of the first national team thus achieved brilliant successes in over a decade after their debut, adding glory to the country.

During those days the team produced many star players. Kim Sun Hui played as a defender for the women's team of world's star players and was nominated as one of five star players in the world. Kim Kum Sil scored 92 goals in over 80 international matches and thus became popular as a "dark horse in Asia," and Ri Hong Sil, forward player, was known as a "dagger" for her spectacular

attacking power.

In high appreciation of meritorious services of the women football players who devoted their precious girlhood to developing the country's women's football and bringing honour to the country, the state awarded many of them with the title of Merited Athlete.

At present the women football players of the first national team are dedicating themselves to the development of the country's sports, working as lecturers, coaches and officials in the sports sector to train future women football players. Ri Hong Sil acted as an international referee, and Kim Sun Hui worked as an international referee, a department member and a member of executive committee of the Asian Football Confederation.

Meritorious deeds of the first women football players are etched for ever in the national football history along with the development of women's football in the DPRK.

Article: Kim Thae Hyon
Photo: Choe Won Chol

FIRST WOMEN'S FOOTBALL TEAM IN KOREA

Until the early 1980s it was inconceivable to the overwhelming majority of the people in the DPRK that women could play football.

Notwithstanding the conception, football

coaches and eager girl aspirants to football turned out to implement the policy of the Workers' Party of Korea and the government of the DPRK to develop women's football. Thanks to their efforts,

women's football teams were formed in several sports teams in a short span of time, followed by the organization of the first national women's football team in November Juche 76 (1987).



Kye Yong Sun, Merited Athlete



Kim Hye Ran, Merited Athlete



Ri Kyong Ae, Merited Athlete



Ri Hong Sil, Merited Athlete



Ri Ae Gyong, Merited Athlete



Rim Sun Bong, Merited Athlete



Kim Kum Sil, Merited Athlete



Ri Chu Wol, Merited Athlete



Im Hyon Suk and Yang Mi Sun, merited athletes



Pak Yong Sun



Kim Kyong Hui



Kim Kwang Suk



Hong Kum Suk



Kim Sun Hui (centre), Merited Athlete

At present they are striving for the country's football development



Shopping Mall on Ryomyong Street



In April last year Ryomyong Street made its magnificent appearance in Pyongyang as a street of affection for the people.

There are schools, kindergartens, nurseries, hospitals, cinemas and other commercial and public welfare service facilities in the street, thus fully accommodating the convenience of the residents.

The Shopping Mall laid out on the corridor-type ground floors linking the imposing 70-storey and 55-storey apartment buildings is a conspicuous feature of the street.

This four-storey mall consists of shops, restaurants, pharmacy, children's playing area, IT exchange company and other service facilities so as to readily provide people with what they need in living.

When evening comes, the mall teems with people.

Above all, women are very fond of the shops, as they can buy fresh fish and vegetables on their way back from work.

Seen in the restaurants are families having dinner in pleasant and comfortable atmosphere, and in the children's playing area the elderly people have a good time seeing their grandchildren on fun and frolic.

Ma Jong Su, lecturer at Kim Il Sung University, who lives in the 70-storey apartment building says:

"It is very convenient to have commercial and welfare service facilities in the vicinity, and I like spending pleasant time with my grandchildren in the playing area. It seems the Shopping Mall is a garden of happiness in my home."

Ryomyong Street embodying the principle of prioritizing people's convenience and aesthetic beauty is overflowing with happiness of the people.

Article: Kang Su Jong
Photo: Hong Kwang Nam



The Shopping Mall laid out on the corridor-type ground floors linking the 70-storey and 55-storey skyscrapers fully accommodates the convenience of the residents



Flower shop, photo studio, chemist's, children's playing ground and restaurants are found in the mall



Natural Monument

Fossilized Footprints of Dinosaur in Ryonggung-ri

There are fossilized footprints of dinosaur in the hilly area near Pyongyang-Kaesong Road passing Ryonggung-ri, Phyongsan County in North Hwanghae Province. They were discovered in November Juche 78 (1989).

The rock that preserves the fossilized footprints is 100 metres long and 15 metres wide and has an incline of about 20 degrees.

The footprints marked distinctly in two rows on the rock are found 14 on one side and 16 on the other, those being in a bipedal position respectively.

Each footprint found in the row with 14 footprints is 45cm long, 40cm wide and 4cm deep, and the distance between the right and left footprints is 80 – 90cm. Judging from the footprints marked at an angle of 2 – 5 degrees, it is apparently thought that the dinosaur waddled.

The 16 footprints in other row show only outlines of the soles, each being 40 – 45cm long, 35 – 38cm wide and about 55 – 65 cm between the footprints.

The prints of toes and toenails are presumably filled up with soft mud.

Fossils of shellfish, mudsnail and plants were discovered 2 – 3km away from the fossilized footprints.

The fossilized footprints of dinosaur in Ryonggung-ri were designated as a natural monument in Juche 79 (1990) for their great significance in the study of palaeontology.

Article & photo: Kim Jong



Korean *Archaeopteryx*

Korean *Archaeopteryx* was the ancestral bird that was discovered in Paektho-dong, Sinuiju, North Phyongan Province.

The fossil unearthed from the third bed of Sinuiju Formation of the upper Jurassic in the Mesozoic Era, dating back to about 150 million years ago, preserves some parts of the skull and neck bone, the bones of a wing and quills.

Though having features similar to those of already known *archaeopteryx*, the Korean fossil bird is distinct from them in length of wing bones and the shape of phalanx. In particular, the third bone of the wing is longer than the other two, providing a sharp contrast in appearance.

The Korean *Archaeopteryx* presumably climbed trees and hunted for food using its sharp claws at the wing and glided down from treetops.

Given that many fossils of fish, insects, pterosaur and plants were dug up from the same stratum, the Korean *Archaeopteryx* apparently preyed on fish and insects.

The fossil bird is of great significance in studying the evolution of bird.

Article & photo: Kim Jong



