



### “ HE FOREVER LIVES ”

*by Jorge Zambrano*

“He died in a glorious manner on Mount Pichincha, but forever lives within our hearts.” This is a phrase which I had to memorize and occasionally recite when I was attending grammar school in Ecuador. It refers to Abdón Calderón, one of the most prominent heroes of the most crucial battle of the Independence War.

This particular battle was fought on the 24th of May, 1822.

Abdón Calderón was a young officer whose exemplary fighting and valor made him famous and made him become the model of patriotism in Ecuador. He was a young captain, a flag bearer, leader of the patriotic troops, and as such, his job was very important in that all the soldiers had to look at the leader and know that the officers in command were still fighting right along with the troops. The leaders, being in front of the battle, injected extra courage to the troops to continue fighting, and pushing on to victory. History tells us that Abdón Calderón fought well. He was wounded many times. I recall my teachers telling me how, when he was wounded on the one hand, he moved his flag and sword to the other hand. When his other arm was wounded he managed to put his sword and flag between his legs so that with his body he could still contribute to the battle. Eventually, he was mortally wounded. Yet, he managed to pick up the sword with his mouth and continue bothering the enemy.

I still remember this teaching and still have chills going up and down my back because of the patriotism and the deep conviction that Calderón had as he sought to give freedom to the Ecuadorian people.

Such action made Bolívar the general and liberator of many countries in South America. He decreed that the name of Captain Calderón be called out by the army and people of Ecuador

each time the troops were in review. Thus, the troops would say, “He died gloriously on Mount Pichincha, but he forever lives in our hearts.”

Every year in Ecuador, the 24th of May, is an anniversary that stirs many writers to create beautiful thoughts in commemoration of the Battle of Independence and the effort put forth by Calderón.

The brilliant victory of the Ecuadorian army on the Pichincha Battle sealed the Independence of this country from the Spanish power in the Americas. This is one of the most important anniversaries in the life of Ecuador.

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### ON THE TOP

*By Don Jensen*

This is purely a personal opinion, but it seems to me that a relative beginner who goes all out to learn what serious DXing is all about could reach that vague status position in a minimum of about five years. Some, of course, will take longer. Some will never reach it! Spoon-feeding information is out. You have to work very hard to learn as much as you can. Among other things, this means a great deal of reading to build a mental storehouse of knowledge needed to be a real DXer.

Most beginners know you can't expect low SW frequency reception at high noon local time. It is assumed you know why this is the case. There is no black magic in DXing. Propagation of DX signals depends on natural phenomena. The more you know about how and why distant short-wave signals reach you, the better you will be able to determine when to tune. There is plenty of material available for study if you only take the time and effort to seek it out.

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## HOW MUCH ARE YOU WORTH?

Have you ever received one of those humorous birthday cards which says, "According to biochemists, the materials that make up the human body are worth only ninety-eight cents"? Perhaps you have heard an orator declare the same humiliating facts. However, it turns out that on an inflationary market the chemicals which make up your body may be worth an astounding figure. How much are you worth?

Dr. Harold J. Morowitz, biochemist at Yale University, notes that "the hemoglobin in your body is worth \$285 a gram; insulin, \$47.50 a gram; purified trypsin (an enzyme) \$36; bilirubin, the bile pigment, \$12; human DNA, \$76; collagen, \$15; human albumin, \$3."

If you think that these items are worth nothing, take inventory of "some less common constituents: Acetate kinase, a substance that activates an enzyme, \$8,860 a gram; alkaline phosphatase, \$225; hyaluronic acid, the cement substance of the tissues, \$175; bradykinin, (Amino acids), \$12,000" writes Mr. Arthur J. Snider, Science Editor, Chicago Daily News.

"A real shocker came when he got to follicle stimulating hormone — \$8 million a gram — a gift he suggests for people who have everything. For the really wealthy, there is prolactin, the hormone that stimulates milke production in the breast glands — \$17.5 million a gram."

If you calculate the percentage of each chemical in the composition of the human body, as did Dr. Morowitz, you arrive at \$245.54 as the average value per gram of human being. Don't forget to subtract the water content, 68 per cent. Mr. Morowitz's dry weight was 24,436 grams. With the flashing of the digits of his calculator he soon discovered that his net worth was \$6,000,015.44! How much are you worth at dry weight?

Furthermore, if you synthesize all of these products from raw materials, the desired chemicals would perhaps sell for \$6 billion dollars. Then if you had to assemble all the cells into tissues, organs, and functioning human beings the price may well be near infinity. "Our ability to answer that question in dollars and cents has immediately disappeared — the infinite preciousness of every person. Each human being is priceless."

The Hebrew Psalmist gazed into the heavens and saw the splendor of the LORD God in His

creation. Then He declared, "... What is man, that Thou dost take thought of him?" Yes, in God's sight you are precious!

The fullest realization of man's dignity and excellencies find their fulfillment only in the person of Jesus Christ. Redeemed humanity has been elevated by means of the new birth to the highest rank of all created beings. The born again believer in Jesus Christ is elevated to the most sublime height possible short of becoming members of the Godhead itself. Salvation is a restoration of what God intended man to be in the first place. Are you that man in Christ?

## EARTHQUAKE DESTROYS SCHOOLS

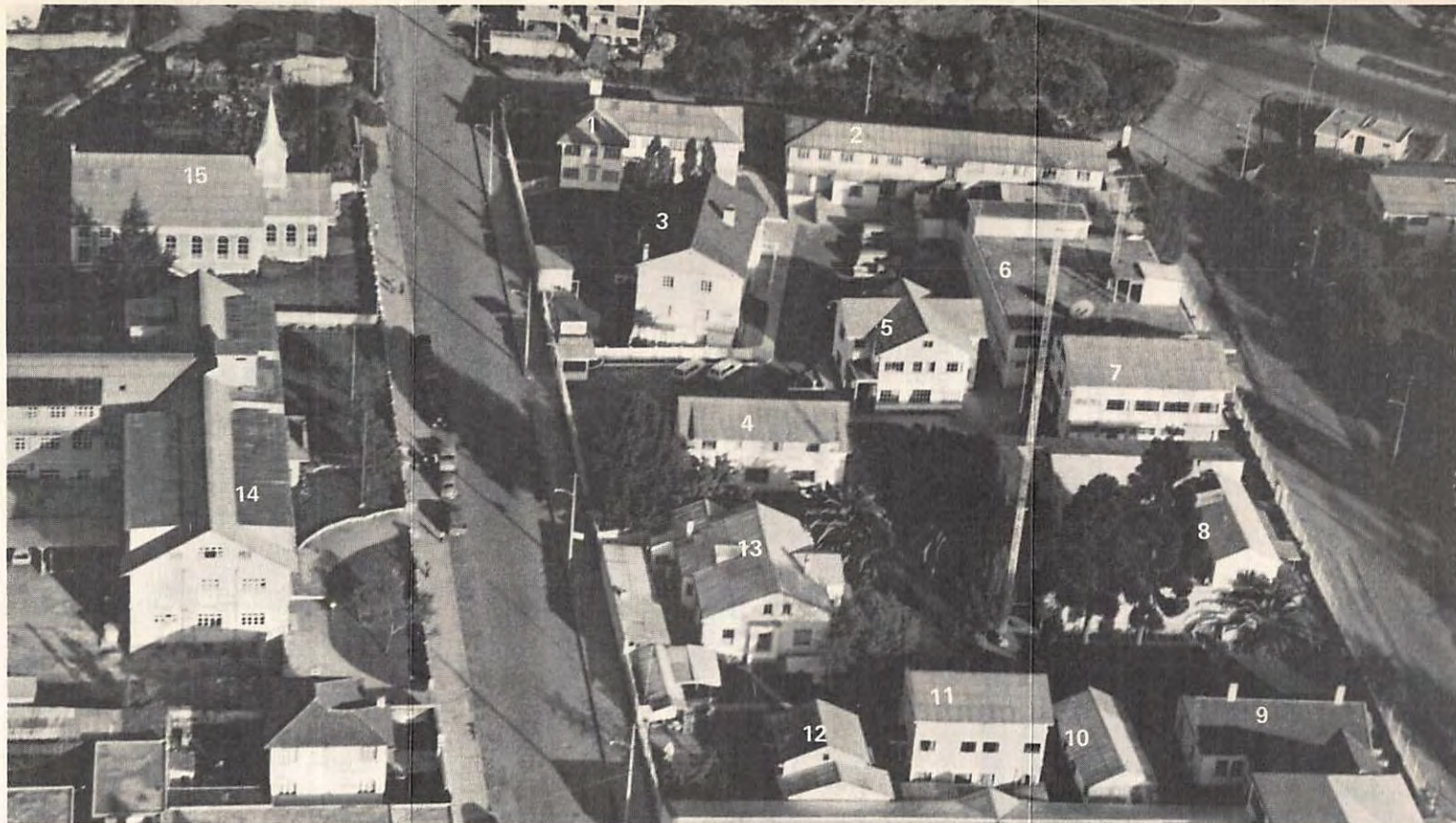


*Ecuadorian dignitary at school inauguration*

HCJB is interested in people — their needs, hopes and ambitions.

On March 9 and April 1, missionary personnel from HCJB inaugurated two schools in the villages of Goteras and Cuicuno. These schools represent part of HCJB's help to these communities after recent earthquake destruction in the area. The funds were provided through several Christian foundations in the United States.

Representatives of various HCJB departments were present to take part in a parade and the ceremony. The Director of Education for the Province of Cotopaxi and the Director of Educational Construction for the Ministry of Education of the Republic of Ecuador were on hand. Enoch Sanford presented the keys to the director of the school and received a beautiful silver platter given to HCJB by the people of the area.



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|--|---|---|
| 1. Bible Institute of the Air offices & studios      | 6. Studios, Administrative offices                                      | 11. Evangelism, Portuguese, Quechua offices |
| 2. Print Shop, Japanese, German offices, Maintenance | 7. Engineering, Field Services offices                                  | 12. Book Store                              |
| 3. To be removed                                     | 8. Studios, Spanish and Communications offices, Record and Tape Library | 13. Guest House                             |
| 4. Post Office, English, Russian offices             | 9. Nordic offices   | 14. Rimmer Memorial (HCJB) Hospital         |
| 5. Accounting, National Personnel of-                | 10. Employees Association   | 15. Inaquito Evangelical Church             |

## DXER OF THE MONTH



*V. Nageswara Rao*

Mr. V. Nageswara Rao is our DXer of the Month. He is ANDEX member number 564. He has been one of our members since 1974. Nageswara is twenty-eight years old and lives in Deva, via Atchanta in South India.

Nageswara is a graduate of the teachers' college in India. He describes his occupation as "cultivation."

Nageswara spends "more than five hours" listening to shortwave radio. In addition to the shortwave bands, he listens to utility stations and especially looks out for the rare DX stations. I would think that from his unusual location he has a great geographical position to catch those rare ones! He also enjoys collecting QSLs, working the contests and writing to penpals. Nageswara says that he has a good collection of stamps. Music is also one of his hobbies.

HCJB has been one of his favorite stations since January 1969. Radio Japan and Radio Australia also provide him with many good listening hours.

Nageswara uses an eleven tube receiver with medium wave and short-wave bands. His antenna is a ten meter bare copper wire strung in an "L" shape.

Shortwave listening provides Nageswara with a lot of good ideas to use in teaching. We are happy to have V. Nageswara Rao as our "DXer of the Month." Our congratulations to him and our best wishes for many more years of good shortwave listening, especially to programs from HCJB and DX Party Line!

### HE FOREVER LIVES

In my life, one of the most important anniversaries, is also attached to a date, a person, and certain action.

The date is June 1, 1965. The person, in reality two people, myself and God. The action was a recognition from my part that I needed to accept the work on the Cross by Christ, and to appropriate this as my own.

In a sense, Christ, as far as I am concerned, deserves my loudest voice as I say, "He died gloriously on Mount Calvary but forever lives within my heart."

When I accepted Christ as my Saviour, I did not understand all of what He had accomplished on the Cross, but I did understand that God loved me, Jorge Zambrano, that He gave His only begotten Son, Jesus Christ, that if I were to believe on Him and trust Him as my Saviour, I would not go to hell but have everlasting life.

Ecuadorians continue to be stirred by the memory and actions of Calderón. All these years have not changed the patriotism that such action inspires.

However, in my case, ETERNITY will continue to echo what I can now say and share with you, my friend . . . "Christ died gloriously on the Cross of Calvary but forever lives within my heart."

On the top

For too long DXers have neglected this field of study. Only recently have some attempted to systematically study the matter of propagation of weak DX signals on short-wave.

But, theories aside, careful observation and record-keeping should give you a good working knowledge of practical propagation.

(For further information on the North American Short Wave Club, write to NASWA, P. O. Box 13, Liberty, IN, 47353, U.S.A.)

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