

Dear reader:

Scientific publishing production increases in the country both, in quality and organization, this year we celebrate the creation of Scielo-Ecuador, where quality scientific production gets more visible; and shows the interest of the state in its improvement and promotion. La Granja, Journal of Life Sciences, is part of this select collection and applauds this initiative aware of the importance of adequate transmission of the information born of scientific research.

In this way, and with pleasure we present the thirtieth number of our collection starting with the themes of biodiversity conservation, a topic of current concern. In this case, Leonardo Ordóñez-Delgado and his team of researchers from the Private Technical University of Loja analyze the state of knowledge of the Podocarpus National Park. Along the same lines, in an alliance between the Technological University Indoamerica and the Iberoamerican University, Patricio Yáñez and his team analyze the state and conservation perspectives of the Spectacled bear.

From the point of view of sustainable agriculture, Víctor Sánchez and José Zambrano from INIAP, analyze the impact of modern technologies on agricultural yield and production. While, from the field of veterinary sciences applied to cattle, Orlando Quinteros and his team, in an alliance between IKIAM and the Universidad del Rosario in Argentina, analyze the crossing of different bovine breeds and their impacts on growth patterns. While Santiago Miranda and Cristian Albuja from the Universidad

Nacional de Córdoba in Argentina and Central University in Ecuador, analyze the effects of subclinical mastitis in dairy herds. Next, in a variety of topics, we present an analysis of the aggressiveness of natural phenomena, Mercy Ilbay-Yupa leading the researchers of the Agrarian University La Molina of Peru, the Technical University of Cotopaxi of Ecuador and the Geophysical Institute of Peru presents a study of the rainy precipitation over the Guayas River Basin. On the other hand, and in the field of natural products, the analysis of Sacha Inchi seed oil, led by Luis Romero and researchers from the University of Guayaquil, is presented. In addition, in the water treatment topic, researchers from the Salesiana Polytechnic University-UPS and the University of Guayaquil, led by Lenin Ramírez, present innovative techniques for the detection of antibiotics in river bodies.

To close with a flourish, two articles on the theme of sustainable development are presented, the first analyzing the sustainability of small milk producers into the Andean zoner, led by Christian Franco and his team of researchers from the Technical University of Ambato, while from the UPS together with the Military Geographic Institute, Gustavo Navas and his team present us with a spatial analysis of the coverage in areas of poverty of the Millennium Education Units.

We are sure that this number will contribute to the scientific work of the country and will be useful in your studies and research.

Cordially,

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