

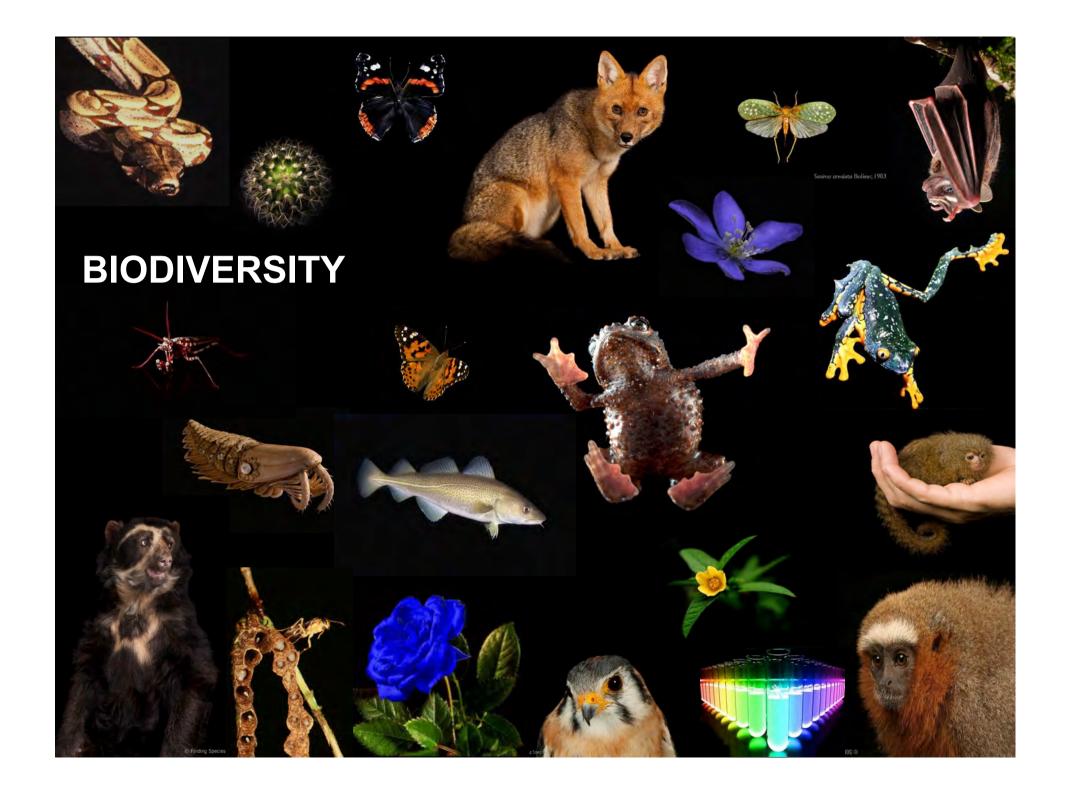
What expect while you are expecting to become a GBIF participant

View from a new Participant

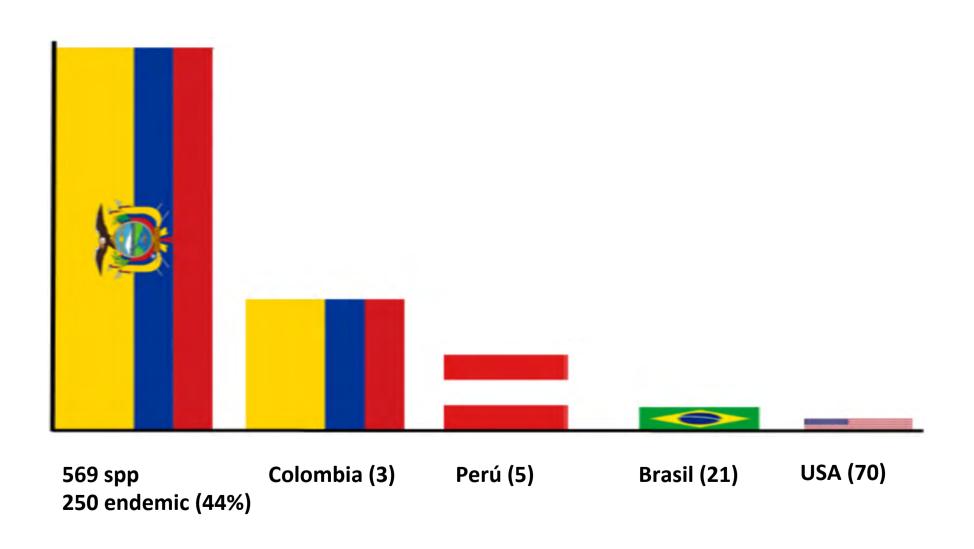
Néstor A. Acosta-Buenaño

Ecuador: a small richest country





Biodiversity: amphibian species per square kilometer



Biodiversity: Coast region



Biodiversity: Andean region



Biodiversity: Amazon region



Biodiversity: Galapagos Islands





Biodiversity in numbers



Looking for Treasures in a Megadiverse Country: Natural Collections in Ecuador

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Ecuador is located in northwestern South America, bordering the Pacific Ocean, between Colombia and Peru, Despito its small size, only 109,483 square miles, Ecuador is pine of the most biologically diverse countries on Earth. Its location at the intersection of the equator, the denators and Amdes and the Amazon contribute to its high biodiversity is made to the remote the remote Pacific Listalinas of Galapagos, a very special place for evolution. Great Naturalists, e.g., Barron Alexander von Humboldt (1802-1803), Jacques-Alexandre Googloud Bongland (1799-1805), and Charles Darwin (1835), the explored and collected in Ecuador, and many Ecuadorina, specimens are located in the most important museums of natural history, in addition, Ecuadorian specimens are also held in many collections of local private and public institutions. Current holdings are unknown, because of lack of integration, and data is not available online. Data is also inaccessible to most biologists, policy-makers and the general public. These collections are real treasures for scientists, naturalists and nature lovers. Seventeen institutions (21) publics and 5 private) currently store an estimated 2 million specimens. 750,000 plants, 13,975 birds, 87,215 reptiles and amphibiara, 28,012 mammals, 155,647 fish, and 1,175,133 invertebrates. Our goal is to create an inventory of all the specimens at Ecuadorian institutions generating data about the utility, storage and maintenance. We seek to create a national digital database that documents existing biological collections in Ecuador. Improving our knowledge of biodiversity is fundamental for conservation and management.



The Equippolist collections reflect this diverse population and include all major groups of Ends, mammals, reptiles, amphibians, insects and plants.

The institute de Cencia Biologica (EFN) has engaged in scientific field work and systematics research lance 2000 and it was officially created in 2466. This codection is protocled price in a protocl

The initiality collections (1994-MCETs) focuse more than 10.140, could quest upon many thating back to the 107th. Duer 82% of the collection power from the Amazon, making it one of the larged management that were. The collection is well registered with specimens from throughout the touche an anginumbered of the Countries and commission and commission.

The Extensionly collection (ICAC, TOPS, EVI), MICX, and UTN) hold 2 Mo. Bit (specimens, primarily of meets and associated, with a small holdings of various phree insertebrate apparerson. The largest collection, ICAC Int (ICAC) and specimens, is expecially storage in Extended plant application (Extended Associated Asso

At the Museo de Cercan Metatries, birth beloings have grown into a response contrate of Ecastor (E,700 specingen), its (approximation of Cercano) is functioned in the expension (ET) of the Ecastor as minima. Moreover, the collection is the expension for Sudametria, Graficial original, and also specimens extensioned as many in the expension of Cercano original and also specimens are supported in the expension of Cercano original and also specimens extension.

The identification who blamed information (Li) frozons a research collection of early 642,741 spectrees of server and expanded growth if Equidot. The Economic perhadran continued about 10, 003 spectrees of economically important plants of cubinded and wide origin. In addition, VAINT has one of the unique Xplotheque to Economic (LBSS spectrees), it was officially created in 2005.

Exactive collection contain, a utile range of topics are any filters in the six describe, beyortegine to me active policities exactive programs in includes in operation of experimental programs. In a contrast, the proposition of the programs of contrast, and the American base or consist and on a contrast the inspiration of contrast of contrast, and the American base or consist and on a contrast the inspiration of contrast, and of the American base or consist and on the active programs of the contrast of the active programs of the active programs of the active programs or prog

Natural History Collections



Type specimens



Hidden Treasures

















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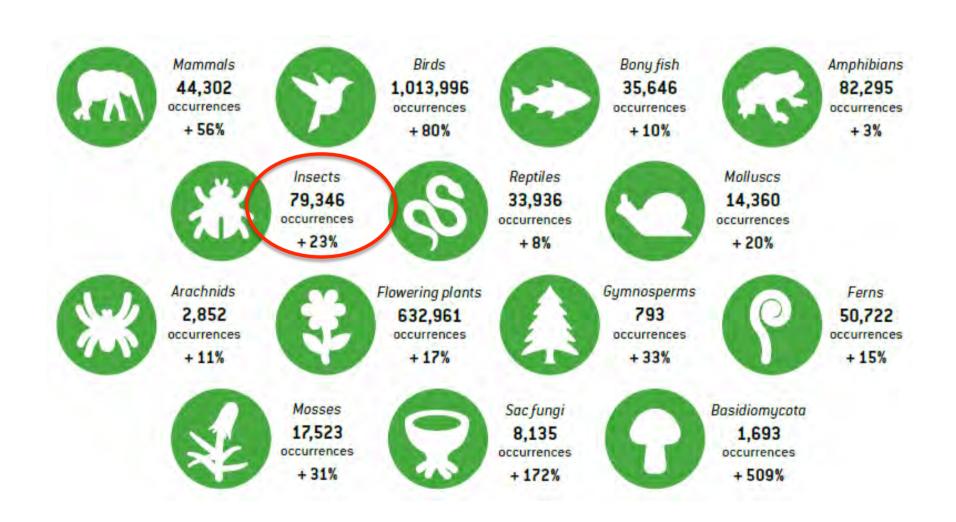


GBIF: 33 countries publishing data about Ecuador

Country	Occurrences
United States	2,013,523
Denmark	141,077
Sweden	69,755
France	58,217
United Kingdom	54,951
Germany	43,187
Netherlands	24,110
Canada	22,467
Colombia	21,880
Brazil	20,414

TOTAL 2,224,395 records.

GBIF: Total data available about Ecuador



In 2008, Ecuador became the first country in the world to recognize legally enforceable Rights of Nature.

People have the authority to request the government, on behalf of the ecosystems, and the wildlife flora and fauna, to enforce actions to avoid violations of these rights.

Also Ecuador is promoting policies for regaining consciousness of the public, free and open accessibility of knowledge.

To date, some of the biological information of Ecuadorian museums and herbariums is being digitalized mostly due to personal efforts of Ecuadorian scientists plus a few institutional commitments.

For that purpose the government and international institutions need to secure funds.

Data bases must be organized, updated, and subject to permanent quality control.

