

## National Geographic Virtual Library

The National Geographic Virtual Library contains full access to *National Geographic Magazine* from 1888 to 1994.

### Use this database to:

- Access feature articles, maps, historical advertisements and images
- Find charts such as diagrams graphs and tables
- Search term frequencies over time, compare multiple terms and access search results by time period

### How do I get to National Geographic Virtual Library?

- Start at the Library Connect web site: [multcolib.org/libraryconnect](http://multcolib.org/libraryconnect)
- Click on either **middle school** or **high school**.
- Scroll down to the Resources section.
- Click on **National Geographic Virtual Library**.
- Click on the **Begin using this resource** button.
- Type in your Library Connect or library card number and password. Occasionally, there may be difficulties loading a database. If you aren't able to get in, go back and try again. If the database still doesn't open, contact the library at [multcolib.org/contact](http://multcolib.org/contact).

The screenshot shows the National Geographic Virtual Library website. At the top, there is a navigation bar with links for 'Resource Links', 'My Folder (0)', 'Search History', 'English', 'End Session', and 'Help'. The main header features the National Geographic logo and the text 'National Geographic Virtual Library featuring: Magazine archive 1888 - 1994 | NG Kids'. Below the header is a search bar and an 'Advanced Search' link. A navigation menu includes 'HOME', 'BROWSE MAGAZINES' (highlighted with a red box), 'IMAGE SEARCH', 'TERM FREQUENCY', and 'FOR KIDS'. The main content area features a large image of a giraffe with a man, titled 'ROTHSCHILD'S GIRAFFES', with a 'Start exploring' button. Below this are three 'Spotlights' sections, each with a magazine cover image and a brief description of the article.

If you'd like to browse back issues of the magazine, click on the **Browse Magazines** tab.

NATIONAL GEOGRAPHIC  
National Geographic Virtual Library  
featuring: Magazine archive 1888 - 1994 | NG Kids

HOME **BROWSE MAGAZINES** IMAGE SEARCH TERM FREQUENCY FOR KIDS

Filter By Date  
From: October 1888  
To: December 1994

Magazines  
Please click on a magazine cover to view the issue

December 1994 November 1994 October 1994 September 1994 August 1994

You can choose an issue directly from those displayed on this page or you can filter the issues with the **Filter By Date** option on the left sidebar of the page.

NATIONAL GEOGRAPHIC  
National Geographic Virtual Library  
featuring: Magazine archive 1888 - 1994 | NG Kids

HOME BROWSE MAGAZINES IMAGE SEARCH TERM FREQUENCY **FOR KIDS**

Search results: Basic Search= penguins

Content Types  
Feature Articles 38  
Brief Articles 5  
Map Supplements 1  
Magazine Covers 3  
Advertisements 6

Analyze  
Term Clusters

Feature Articles  
View All 38

A LAND OF ISOLATION NO MORE  
**ANTARCTICA**  
Hodgson, Bryan  
National Geographic Magazine, April 1990, Vol. 177, Issue 4, p.2+  
Earth's coldest, driest, most remote, most desolate continent—once the exclusive domain of explorers and scientists—now draws jet set and cruise-ship tourists. Bryan Hodgson examines the scientific research there and the controversies revolving around tourism, mineral exploitation, and water and atmospheric pollution.

Wildlife Quest to the Icy Seas of South Georgia  
Lanting, Frans, and Sally Poncet  
National Geographic Magazine, March 1989, Vol. 175, Issue 3, p. 340+

If you want to search a specific topic, type it into the **search box** in the upper right corner. When your search results are returned, you will have the option to limit the search results by **Content Types** in the left sidebar. You will be able to limit your results down to featured articles (longer articles), brief articles, maps, magazine covers and advertisements.

**Analyze**

Term Clusters

**Limit Search By**

Search within results

**Subjects**

Antarctica	26
Penguins	14
Wildlife	8
Fishes	6
Seals (Animals)	6

View More

**Publication Year**

1907-1994

**Wildlife Quest to the Icy Seas of South Georgia**  
Lanting, Frans, and Sally Poncet  
*National Geographic Magazine*, March 1989, Vol. 175, Issue 3, p.340+.

Each year for more than a decade Sally and Jerome Poncet, now with their three children, have sailed the frigid waters of this remote South Atlantic island, recording their observations of a stunning array of seabirds and seals. Sally Poncet chronicles the family's odyssey. Photographs by Frans Lanting.

**Falkland Islands Wildlife: A Portfolio**  
Lanting, Frans  
*National Geographic Magazine*, March 1988, Vol. 173, Issue 3, p.413+.

Food-rich waters around the Falklands support a spectacular mix of birds and animals. A photographic portfolio by Frans Lanting.

**Under Antarctic Ice**  
Curtisinger, Bill  
*National Geographic Magazine*, April 1986, Vol. 169, Issue 4, p.[497-498]+

Diving in McMurdo Sound, photographer Bill Curtisinger records creatures and ice in strange forms.

**Icebound in Antarctica**  
George, Mimi, and David Lewis  
*National Geographic Magazine*, November 1984, Vol. 166, Issue 5, p.[634]+

Challenging winter in Antarctica, author David Lewis and crew use their frozen-in ship as a research base, and sea ice as a highway. Despite difficulties, the expedition—studied and photographed by anthropologist Mimi George—met all its goals.

Click on any article. Too many to choose from? You can limit your search by clicking on any of the subtopics in the left panel.

# Maya Heartland Under Siege

BY GEORGE E. STUART SENIOR ASSISTANT EDITOR      PHOTOGRAPHS BY MIGUEL LUIS FAIRBANKS

"Who cuts the trees as he pleases cuts short his own life." The Maya adage, born of common sense and a close bond with the land, is spoken in a language that uses the same word for both "blood" and "tree sap." The analogy could not be more apt today. Guatemala's Petén region—heartland of the ancient Maya—is wounded daily by chain saw and ax (left) as forest is felled to make way for corn.

The Petén—"island" in Maya—is a 14,000-square-mile sweep of uneven tropical forest and savanna covering the northern third of Guatemala; it is part of the largest expanse of forest left in Central America. And it is getting a reprieve. In landmark legislation in 1990 Guatemala set aside 40 percent of the Petén as the Maya Biosphere Reserve.

For me and other archaeologists the Petén still evokes the romantic images that drew us there in the first place—trackless jungle, exotic plants and animals, and the crumbling ruins of one of the great civilizations of antiquity.

We have learned that the place is far more complex. Every new discovery we make raises more mysteries about the ancient Maya, especially about their relationship to the land. Maya civilization flickered into being in the first millennium B.C., shone brilliantly between 300 B.C. and A.D. 900 with a population of several million, and then disappeared in what is called the Classic Maya collapse. We know that behind the soaring pyramid temples with their ruling elite lay the extraordinary skill of the Maya farmer. But we don't

Allow variations ⓘ

**Relevant Pages for**  
[guatemala](#)

**127** 130

**Articles in View**

- [Maya Heartland Under Siege](#)

**Related Subjects**

- [Archaeology](#)
- [Deforestation](#)
- [Guatemala](#)
- [Mayas](#)
- [North America](#)

The article appears just as it did in the magazine.

- ❖ Turn the pages by using the left and right arrow buttons.
- ❖ Use the magnifying glass to zoom in or out.

- ❖ You can also rotate the image or adjust the brightness and contrast.
- ❖ To print, click on the Printer icon. You may need to adjust your printer settings so the article prints correctly.
- ❖ Citations are at the bottom of each article.

To search for images only, click on **Image Search** in the top bar. This allows you to search for the exact type of images you need.

Find

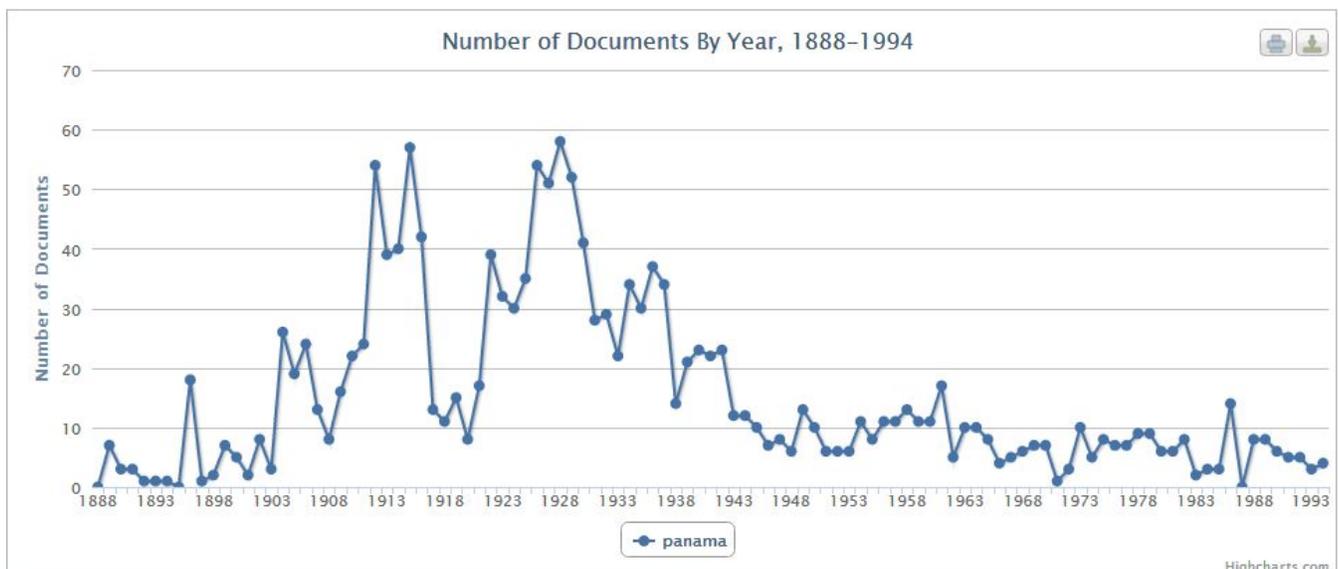
Search for Image Description

Limit By

Image Type  Check All

<input type="checkbox"/> Cartoon	<input type="checkbox"/> Chart	<input type="checkbox"/> Coat of Arms	<input type="checkbox"/> Diagram
<input type="checkbox"/> Drawing	<input type="checkbox"/> Engraving	<input type="checkbox"/> Genealogical table	<input type="checkbox"/> Graph
<input type="checkbox"/> Map	<input type="checkbox"/> Musical work	<input type="checkbox"/> Painting	<input type="checkbox"/> Photograph
<input type="checkbox"/> Plan	<input type="checkbox"/> Portrait	<input type="checkbox"/> Seal	<input type="checkbox"/> Table

The **Term Frequency tab** allows you to make a graph showing how often a word (or phrase) has appeared in *National Geographic* over time. Here's a graph for the word Panama.



Try searching for these topics:

- Find the issue from the month one of your parents was born.
- Search for maps of South America.