



Set home page - Bookmark site - Add search

Ants pest control

Need a pest control solution? For commercial or domestic problems.

Clark Mills

Wanted To Purchase Authentic Bronze/Metal Sculpture

Non-Fault Accident Care

No charge to you: stand-in vehicle, full repair, injury compensation

Clark Batteries

Batteries for Any Make, Get Dealers Price Today, Deliver UK & Worldwide

Stop Looking

You Have Found The Vehicle For Your Dreams. More Information

Latest News

Browse Topics

Encyclopedia

Health Center

Videos

Amazon Store

Show/Hide Menu

Print this page | Email to friend

Text Size > A A A

Front Page

- > Breaking News
- > Today's Digest
- > Week in Review
- > Email Updates
- > RSS Newsfeed

News Sections

- > Health & Medicine
- > Mind & Brain
- > Plants & Animals
- > Space & Time
- > Earth & Climate
- > Matter & Energy
- > Computers & Math
- > Fossils & Ruins

Science Topics

- > Agriculture
- > Astronomy
- > Biology
- > Chemistry
- > Earth Sciences
- > Environment
- > Mathematics
- > Physics
- > Social Sciences
- > Technology
- > [more topics](#)

Health Topics

- > Aging
- > Diseases
- > Fitness
- > Medicine
- > Men's Health
- > Mental Health
- > Nutrition
- > Reproduction
- > Senses
- > Women's Health
- > [more topics](#)

Computing

- > Artificial Intell.
- > Communications
- > Computer Science
- > Graphics
- > Human Interface
- > Internet
- > Robotics
- > Security
- > Supercomputing
- > Virtual Reality
- > [more topics](#)

Encyclopedia

- > Agriculture
- > Anthropology
- > Archaeology
- > Astronomy
- > Biology
- > Chemistry
- > Communication
- > Computing
- > Earth Science
- > Engineering
- > Health Science
- > Mathematics
- > Physics
- > Psychology
- > Technology
- > [science topics](#)
- > [medical topics](#)

Science Shop

- Books ...
- > Science
- > Mind & Body
- > Engineering
- > Computers etc.
- > Outdoors & Nature
- > Prof'l & Technical
- > Reference



Breaking News

Updated every 15 minutes (powered by UPI)

All News

- Top News
- Business
- Science
- Entertainment
- Sports
- Quirks

Topics

- Arts, Culture And Entertainment
- Crime, Law And Justice
- Disaster And Accident
- Economy, Business And Finance
- Education
- Environmental Issue
- Health
- Human Interest
- Labour
- Lifestyle And Leisure
- Politics
- Religion And Belief
- Science And Technology
- Social Issue
- Sport
- Unrest, Conflicts And War
- Weather

Link found between poison frogs and ants

ITHACA, N.Y., Aug. 8 (UPI) -- Researchers say they've determined a steady diet of ants may have driven the convergent evolution of poisonous frogs in Madagascar and the Americas.

Some frog species in both Madagascar and Central and South America secrete a variety of toxic skin chemicals -- called alkaloids -- for protection against predators.

Researchers previously determined Neotropical "poison frogs" do not produce the alkaloids, but instead attain them from their insect-rich diet.

While Central and South American frogs are well-studied, the alkaloid sources for Malagasy frogs were unknown.

But now Valerie Clark of Cornell University and colleagues have extracted alkaloid samples from both Malagasy frogs and their food sources, determined by examining the frogs' stomach contents.

The authors found Malagasy frogs, as their New World counterparts, acquire their alkaloids from a diet rich in ants.

Clark said she and her colleagues found 13 of the 16 Malagasy alkaloids detected are also known to exist in insects and frogs in the Americas.

The study appears in this week's online early edition of the Proceedings of the National Academy of Sciences.

Copyright 2005 by United Press International. All Rights Reserved.

Buy Poison Frog

Find the lowest prices. Compare UK retailers, get great deals!
www.dealtime.co.uk

Valerie Downloads

Get Valerie Music & Ringtones for your Mobile - Save 75% Now!
www.jamster.co.uk

Related Headlines

No U.S. GM corn is found in Oaxaca (August 8, 2005) -- Researchers said Monday they have found no evidence genetically modified U.S. corn invaded Mexican crops during 2003 and 2004. Bred for insect and ... > [full story](#)

Genes key to cholesterol (July 8, 2005) -- California researchers found genes are more important than exercise in determining response to cholesterol. Researchers at the Department of ... > [full story](#)

Low-fat diet slows breast cancer return (May 17, 2005) -- Los Angeles researchers have described how a low-fat diet has been shown to reduce the recurrence of breast cancer tumors. The five-year study by ... > [full story](#)

Ants pest control

Need a pest control solution? For commercial or domestic problems.
www.monitorservices.co.uk

Clark Mills

Wanted To Purchase Authentic Bronze/Metal Sculpture
www.s-newman.com

Non-Fault Accident Care

No charge to you: stand-in vehicle, full repair, injury compensation
accidentsmanaged.co.uk

Ads by Google

Bacteria produce anti-cancer compounds (May 9, 2005) -- U.S. scientists said they have discovered a microbe found inside sea squirts produces a compound that has anti-cancer properties. The findings could ... > [full story](#)

Protein links fat storage and burning (April 12, 2005) -- A protein that regulates cholesterol levels in the body also maintains a healthy balance between fat storage and fat burning, U.S. scientists ... > [full story](#)

Search Our Archives

Find:
 in: All News Sections
 from: 1995 to 2005
 sort: relevance date
 > [more options](#)

New Job Postings

Find:
 City:
 State: ALL
 View: All Jobs by Type
 Post: [Jobs / Resumes](#)

[Clark](#)
 Know Before You Go. Read Reviews from Real Travelers.

[Tj Clark Repts](#)
 Struggling in Tj Clark? Free Training, Free Leads, See How

[Earn Extra £2000/Day?](#)
 Make £2000/Day Easily With FREE Forex-System. FREE Register Now.

[Garden Gnomes](#)
 Woodland Gnomes Special Pricing! Save 25% Coupon code SNAPPY

[Cheap Flight Tickets](#)
 Save up to 70% on Flights & Airfare clark howard airfare deals

[Amy Winehouse pictures](#)
 Fabulous galleries plus games, fashion, quizzes and comps!

[Ardap](#)
 Spray Kills Household Insect Pests Provides Protection Up to 6 Weeks

Magazines ...

- > Science & Nature
- > Health & Fitness
- > Engineering
- > Computers etc.
- > Electronics etc.

More ...

- > Electronics
- > Computers
- > Video Games
- > Outdoor Living
- > Camera & Photo
- > Tools & Hardware
- > Toys & Games

About This Site

- > Editorial Staff
- > Awards & Reviews
- > Contribute News
- > Advertise With Us
- > Privacy Policy

Can't find it? Try searching ScienceDaily or the entire web with:

Google

Web sciencedaily.com

["How To Get Rid Of Ants"](#)

Safe & effective home ant control. Get natural ant killer bait here.

[Ants Treated London & M25](#)

On-time appointments: no waiting in Get a price before calling

[\\$2500/Day Guaranteed](#)

Make Money 100% on Autopilot! Step-by-Step Instructions - \$4.95

[Brooke Burke Photos](#)

Get Free News, Picture & Videos Instantly w/ the Celebrity Toolbar

[Roy Clark's Secrets](#)

Free Guitar Guide Reveals The 3 Secrets That Made A Legend

[Vitamin C 500mg](#)

+ Citrus Bioflavonoids, 360 tablets £10.99. Free P&P. Order today.

[Buy Beverly Clark Wedding](#)

Accessories - 1000's to choose from - Guaranteed Delivery dates

We want to hear from you!
Take our quick readership survey.

Copyright © 1995-2005 ScienceDaily LLC | Contact: editor@sciencedaily.com