Roots & Shoots

OUR OWN COUNCIL'S
TRY-IT, BADGE AND INTEREST PROJECT PATCH

A Project 2012 Activity

Adapted from the
Jane Goodall Institute's Roots & Shoots™ Program

GIRL SCOUT COUNCIL OF THE NATION'S CAPITAL
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Program Department September/2001

GIRL SCOUT COUNCIL OF THE NATION'S CAPITAL

Roots & Shoots

Our Own Council's:
Try-It
Badge
Interest Project

Adapted from the

The Jane Goodall Institute's Roots & Shoots™ Program (www.janegoodall.org)

Roots creep underground everywhere and make a firm foundation. Shoots seem very weak, but to reach the light they can break open brick walls. Imagine that the brick walls are all the problems we have inflicted on our planet. Hundreds and thousands of roots and shoots, hundreds and thousands of young people around the world, can break through these walls. You can change the world.

Jane Goodall

The Roots & Shoots mission is to foster respect and compassion for all living things, to promote understanding of all cultures and beliefs and to inspire each individual to take action to make the world a better place for the environment, animals and the human community. All Roots & Shoots members, from pre-K to university, demonstrate their care and concern for all living things through service projects in their communities.

The Roots & Shoots program began in 1991 in Dar es Salaam, Tanzania, with a gathering of 16 students on Dr. Jane Goodall's front porch. The group met with Dr. Jane to determine a way to address environmental and animal-welfare concerns because their classes in school did not cover these topics. Those 16 students went back to their schools with the task of forming clubs with other interested young people, and Roots & Shoots was born.

Roots & Shoots is based on the philosophy that:

"Every individual matters.
Every individual has a role to play.
Every individual can make a difference."

Through the completion of a series of activities, Girl Scouts from Daisies through Seniors will become involved in projects that promote care and concern for animals, the environment and the human community.

Membership in the Jane Goodall Institute's Roots & Shoots program is not required to participate in the Girl Scout Roots & Shoots program, but you may find many of the programs and resources helpful in planning and implementing your own community service activities. For more information, visit www.janegoodall.org.

Roots & Shoots
PROGRAM ACTIVITIES FOR DAISY GIRL SCOUTS

Before starting this activity, Daisy Girl Scout Leaders should read pages 12-18, 44-48, 59-60 in the Daisy Girl Scout Leader's Guide.

To receive a participation patch, pictured below, Daisy Girl Scouts can participate in any one of the projects below.

Spend a day making things out of recyclable trash. Make a display of the items made for your school, church or library. Invite another Daisy Girl Scout Troop to see it.

*Daisy Girl Scouts, with the help of their leaders or parents, can participate in community clean-up days and recycling projects. They can evaluate garbage and determine which items have started to biodegrade and which are the same as when they were thrown away. They can participate in a recycling project.

For a field trip, Daisy Girl Scouts can visit a recycling plant. Talk about what they saw.

As part of their Roots & Shoots program, older girls have programs to plan for younger girls. Daisy Girl Scouts can participate in these activities:

- Roots & Shoots **Brownie Girl Scout Try-It**, one of the requirements is to make up a puppet show or play depicting how animals might respond if their habitat were changed. They may share it with a Daisy Girl Scout troop.
- Roots & Shoots **Junior Girl Scout Badge** a requirement is to conduct an environmental awareness day for younger girls in the service unit as a special event or as part of an encampment.
- Roots & Shoots Cadette and Senior Girl Scout **Interest Project Patch** suggests that the girls set up an environmental awareness or Roots & Shoots Day for younger girls. At these events the girls will teach younger troops about issues such as: oil spills; bio-degradable materials in the woods, lakes and streams; how to tell if packaging can be recycled; songs and games about the environment; or other issues that the troop has researched.

*Troop leaders should read pages 43, 81-83 of *Safety-Wise* before planning this service project.

A **Roots & Shoots** participation patch is available from the Girl Scout shop at the council office for Daisy Girl Scouts who participate in any Roots & Shoots activity.

Roots & Shoots
BROWNIE GIRL SCOUT TRY-IT

Complete one activity from each of the following categories plus one from any category:

Environment

1. Imagine what it would be like to return home only to find that your home has been destroyed, or your water supply was very low, or your major source of food was gone. Do activities #2 and #3 of the Eco Explorer Try-It or learn about habitats and what makes them complete. Make up a play or puppet show on how a wild animal might respond in a similar situation when part of their habitat has been destroyed. Share it with others. Part of your play or puppet show might include a song about your animal that you have learned or made up.

2. * Take part in a community clean up, or watershed clean up or help plant trees in your school playground or community.

3. Take a field trip to a National Park or other natural area. Find out how you can help to preserve the park as it is or even improve it.

4. Learn where seeds come from and how they grow. Go on a hike in the woods in the spring to find seeds and plants in various stages of growth. Start a window garden of radish or lima bean seeds. Find out which part of the new seedling is the root and which part is the shoot. What is each component's function? Instructions for "The Window Seed" are on the pages just preceding the RESOURCES section at the back of the booklet.

Human Community

1. Brainstorm ideas for service projects that will help the environment, your community or animals for your service unit or school. Pass your ideas on to other youth groups.

2. Make bird feeders for the residents of a local nursing home or for patients at a children's hospital. Deliver them to the patients as a troop.

3. Visit a senior center. Pair up with a resident for the "Story Telling" activity. Instructions for this activity is found toward the back of this booklet just before the RESOURCES section.

4. Organize a "Zero" energy day for your troop. Brainstorm ways that you can use less electricity and less gasoline. Use your own energy as much as possible. Walk when you can and get up with the sun and go to bed with the sun. Try making the solar bowl cooker in *Earth is Our Home* Try-It. Demonstrate it for your troop, service unit or community by melting marshmallows and making s'mores with graham crackers and chocolate.

Animals

1. Find ways to help birds through the cold winter or dry summer months. Learn where birds go when they migrate. Research and adopt one kind of bird that comes from further north to spend the winter in our area. Find out how long they are here and with a group of your friends or girls from your troop, provide your birds with the habitat they need while they are in our area.

2. Visit a local zoo. Find out why the animals there were chosen to be there. Are there any endangered species? Where is the natural habitat for these animals? Do other zoos have some of the same species of animals?

3. Go on a hike to observe animals, birds and insects in their natural habitat. Make a list of how many of which species you have seen. Mark down what they were doing and how they reacted to your presence in their habitat.

4. Learn about Monarch butterflies. They travel great distances to their winter habitat stopping along the way for food. Plant or visit a butterfly garden and observe how many butterflies visit the garden. How many were Monarchs? Discuss what would happen if their winter or summer habitat were destroyed. Share what you have learned with the community, a younger group of children or your school class.

5. Visit an animal shelter. Do the animals there have enough food, water and bedding? Where do the animals come from? Find out how you can help support the shelter or enrich the animals' lives. Plan and implement a service project for the animals in the shelter.

* Troop leaders should read pages 81-83, 43 of Safety Wise before planning this service project.

BROWNIE GIRL SCOUT Roots & Shoots RELATED TRY-ITS:

- Eco Explorer
- Animals
- Earth and Sky
- Earth is Our Home
- Outdoor Adventurer
- Plants
- Science in Action
- Science Wonders
- Senses
- Watching Wildlife
- Water Everywhere

RELATED BROWNIE GIRL SCOUT HANDBOOK MATERIAL

- Your Environment Page 93-105
- Sharing and Caring

OTHER GSUSA PUBLICATIONS

- *Exploring Wildlife Communities with Children*, (Currently under revision, available in the GSCNC Eco Box)
- *Water Drop Patch Program*, available from the GSCNC Information Center or the EPA Website
- *Games for Girl Scouts, GSUSA*

Roots & Shoots
JUNIOR GIRL SCOUT BADGE

Do two activities from each of the three categories including the one that is starred (**).

Environment

1. Plant trees with your troop, service unit or association. Water the trees and monitor their growth for a year. How many animals make their home there during the first year? Discuss what happens when large areas of trees are cut down. What areas of the community/world are in need of reforestation? Share what you learned by making a poster or doing a talk show for your troop, service unit or community.

2. Do some activities with younger girls to increase their environmental awareness at an encampment or outdoor activity. Create a wide game focusing on environmental issues, or lead nature hikes, pointing out erosion and how it affects animal habitat. Explain to younger girls how it could be corrected. OR Join in an existing erosion conservation project.

3. Learn about the work of the Jane Goodall Institute and its study of the habitat of chimpanzees, their behavior and place in the environment. Share with others what you have learned in a poster or presentation at a troop or inter-troop meeting. A list of books by and about Dr. Jane appears at the end of this booklet.

4. Visit the Amazonia Exhibit at the National Zoo or the rainforest at the Baltimore Aquarium. How do rainforests differ from forests in this area? Where are the rainforests of the world located? How large are they? Why do we need rainforests? What are some of the animals and plants that are found in the rainforests? How does the destruction of rainforests in South America affect other parts of the world?

Animals

1. **Find out about five zoos or wildlife sanctuaries in different countries. What types of animals are housed there and why? Write to Roots & Shoots groups in other countries and ask them for information about zoos in their country, contact embassies for brochures about zoos or go on the Internet. How do these zoos compare to zoos in the US. Information on how to contact Roots and Shoots groups in other countries is on the Jane Goodall website or in the newsletter.

2. Attend a county or 4-H fair, visit the Audubon Society, a wildlife refuge or a bird sanctuary. How are the specific needs of the animals being met? How much space do they have? Are they kept clean? How is their natural habitat replicated as closely as possible? What are some of the problems or illnesses that caretakers watch for?

3. Research observation techniques and animal behavior before going on a guided nature walk. Use what you have learned to observe animals in their natural habitats. Ask questions to learn more about the animals and plants along the way.

Human Community

1. Have a wildlife art competition in your troop, school, or service unit. Invite younger girls to participate and give prizes that relate to nature. Invite community members outside of Girl Scouting to act as judges.

2. Collect books about the environment, animals, plants and insects. Share them with groups of children that are less fortunate.

3. *Participate in a neighborhood clean-up. Observe the area for one month. What kind of litter returns first? Who drops it? Is it more likely to appear after weekends than during the week? Why do you suppose people litter? Suggest three ways to convince people not to litter and make posters for your school or church.

4. Visit a senior center and work on the "Draw our Roots & Shoots" project. Look for instructions for this activity toward the back of this booklet.

4. * Troop leaders should read p. 81-83, 43 of *Safety-Wise* before planning this project.

Roots & Shoots
JUNIOR GIRL SCOUT BADGE
RELATED BADGES AND ADDITIONAL PROGRAMS

Badges

- Humans and Habitat
- My Community
- Pet Care
- Environmental Health
- Walking for Fitness
- Camp Together
- Earth Connections
- Eco Action
- Hiker
- Outdoor Creativity
- Plants and Animals
- Water Fun
- Wildlife
- Your Outdoor Surroundings
- Creative Solutions
- Discovering Technology
- Write All About It
- Globe Trotting
- Oil Up
- Rocks Rock
- Water Wonders
- Outdoors in the City

RELATED JUNIOR GIRL SCOUT HANDBOOK ACTIVITIES

Being an Active Citizen - Pages 38,39
Protect the Environment - Page 150
Girl Scouts are Global - Page 18
Sign of the Rainbow - Page 192
Sign of the World - Page 196

GSUSA PUBLICATIONS

Exploring Wildlife Communities with Children (Presently under revision, available in Eco Boxes)
Games for Girls Scouts
Water Drop Patch Program, available through the GSCNC Information Center or EPA Website

Roots & Shoots
CADETTE/SENIOR GIRL SCOUT INTEREST PROJECT PATCH

Do activities from the following categories:
- two Skill Builders
- one Technology
- one Service Project
- one Career Exploration
- two additional activities from categories that you choose

Skill Builders

1. Research five global environmental concerns on the internet or at your local library. Topics could include destruction of rainforests, water contamination, or ozone depletion. Interview people in your community to ascertain their awareness of how these problems will affect the quality of life on this planet now and in the future. Contact three organizations to learn about how they are addressing global environmental issues. Share with friends and classmates.

2. Research the impact that land development has had plants and animals in your local area. What can be done to help improve situations caused by development? Find an area in your community that needs environmental rehabilitation. *Organize a group to clean up and rehabilitate the area. Share your project and suggestions for improvements with the council and Roots & Shoots groups.

3. Organize an environmental day or Roots & Shoots Day for the troops in your school or service unit. Demonstrate positive care of the environment in a wide game. For example:

- Show how an oil spill or the introduction of non-bio-degradable materials in the woods, lakes and streams affects plants and animals.
- Demonstrate ways to tell if packaging is made of recycled materials and can be recycled.
- Sort litter into recyclable or non-recyclable or let girls compare litter to demonstrate ways to help the problem.

4. Pick an endangered plant or animal to study. Learn about the history of how it became endangered. How could this have been prevented? Is there anything that can be done to prevent extinction? Share what you have learned with your community.

Technology

1. Create an information scavenger hunt for younger girls when they visit the Jane Goodall Institute website. Be sure and include the Roots & Shoots section in the hunt. Share the scavenger hunt with the troops in your service unit or the classes at a local elementary school. Have them report back to you on what they were able to find out. Did they find any information that was not included in the scavenger hunt?

2. Design the perfect place to live. Does it have trees? Why would you want trees around this place? List all the reasons trees are beneficial to us and the environment. Find out what builders, landscape architects and biologist consider when planning a new site. Go on the internet and find out how new homes are advertised. How is landscaping important in the pictures? Show the difference between planning and not planning for trees and other plants in building a home. What are some of the pitfalls that can be avoided? Share your findings with your family and friends.

3. What are some of the tools researchers use to learn about factors that impact the environment? How have these tools effected or are still changing the way we live on earth? Research at least one of the following and what tools are being used to measure or collect information:

- Air and water pollutants
- Weather
- Contaminants in the soil
- Activities on the sun

Service Projects

1. Share environmental awareness with younger children, perhaps Daisy or Brownie Girl Scouts. Visit their meetings. Develop a play describing what it might be like to be a tree. Show what happens to a tree both naturally and as a result of human behavior. Include environmental songs and games.

2. Write to Roots & Shoots Clubs in Africa and other parts of the world. Find out what its members are doing about preserving or rebuilding habitat for endangered animals. What are they doing to spread information about endangered species? Share your letters with other troops in your service unit, association or council.

3. Design posters, flyers, or exhibits for libraries and/or schools to share information about what is being done and what needs to be done to keep an endangered species from becoming extinct.

4. The biggest predator of birds in suburban areas is the domestic cat. Help raise owners' awareness to this if it is a problem in your area. Design flyers or poster that show pet owners how this problem is effecting the bird population.

Career Exploration

1. Visit the Cheetah Amphitheater at the National Zoo. Learn how researchers in different fields of study have combined their knowledge to try to protect the Cheetah from extinction. What was the field of study of each of the researchers?

2. Identify several women working in environmental careers and ask them to visit your troop meeting or arrange to talk to them about their careers. Are the women the directors of any federal agencies? What kind of education is necessary for their job? Which careers

in the environment do not require a college degree or more than two years of college? What kinds of specialists are needed in other countries?

3. Research the life of Jane Goodall. What was her education and training for what she is doing today? What skills did she develop and what techniques did she use during her career? Did she have a mentor or teacher? A list of books by and about Dr. Jane appears at the end of this booklet.

*Troop leaders should read p. 81-83, 43 of *Safety-Wise* before planning this project.

ROOTS AND SHOOTS
RELATED INTEREST PROJECT PATCHES AND ADDITIONAL PROGRAMS

Interest Project Patches

- All About Birds
- Eco Action
- From Shore to Sea
- Plant Life
- Wildlife
- Exploring the Net

GSUSA Publications

- Water Drop Patch Program,
- Earth Matters Contemporary Issues Booklet,
- Games for Girl Scouts

Related Cadette Handbook Activities

Environmental Issues - Page 105
Silver Award Project - Page 135
Pen Pals - Page 32
International Post Box - Page 32
Making decisions to be Environmentally Aware - Page 104-106
Bird Watching - Page 111
Planning Your Own Wider Opportunity - Page 33-36
Career Focus - Page 16

Related Senior Girl Scout Handbook Activities

Senior Girl Scout Challenge- Page 158-161
Senior Girl Scout Program Aide - Page 72-73, 150
Service Projects - Pages 27,139
Earth Day - Page 27
Community Service Bar - Page149
Contemporary Issues - Page 24

MORE ABOUT Roots & Shoots

An important part of Roots & Shoots is the *Roots & Shoots Network*, the international newsletter, and the Partnerships in Understanding program. As a part of the Roots & Shoots Girl Scout program, you will receive the *Roots & Shoots Network* and information about the Roots & Shoots program. However, if you choose to join Roots & Shoots after completing the Try-It, Badge or Interest Project Patch, you will receive a full membership packet, which includes full membership guidelines, suggested activities and opportunities to participate in festivals, summits and workshops. For more information visit the Jane Goodall Institute website at www.janegoodall.org; don't forget to view the Roots & Shoots video.

Roots & Shoots packets are available from The Jane Goodall Institute, but because the institute cannot be deluged with correspondence from troops, the council will serve as the liaison. Packets will include the underlying philosophy and guidelines for the Roots & Shoots program and a pamphlet on with information about Dr. Jane Goodall. Please use the form below to request any and all materials.

NEWSLETTER

The newsletter is called the *Roots & Shoots Network*. Troops can submit a short activity report prepared by a member or group of members to the council office for possible inclusion in the *Roots & Shoots Network*, which is published two times per year. Each troop participating in the program will receive both newsletters.

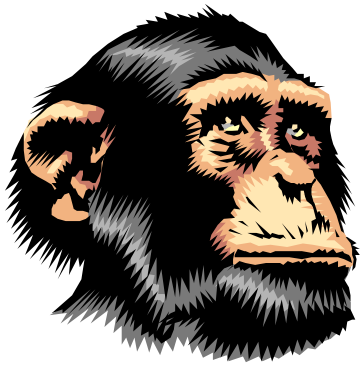
CERTIFICATES

Each participant is eligible receive a Roots & Shoots certificate signed by Dr. Jane Goodall. To order a packet of materials and special colorful certificates signed by Jane Goodall please use the form in the back of this booklet.

Use the shop order form for ordering Try-Its, Badges, Interest Project Patches, and Participation Patches.

PARTNERSHIPS IN UNDERSTANDING PROGRAM

Many of the issues introduced in the Roots & Shoots program are global in scope. Troops can share what they are doing about improving the environment with Roots & Shoots groups around the world and in other parts of the USA. By sharing through partner groups, girls will be able to feel like they are helping to improve our global environment. For the addresses of international Roots & Shoots groups, consult *The Roots & Shoots Network*, which you will receive two times per year or join the Roots & Shoots online newsletter for monthly updates.



SOME IDEAS ON HOW TO SHARE WITH PARTNER GROUPS

MAKE A CARD

Plan a troop meeting to learn about using a camera. Take pictures of friends in your troop doing an environmental project.

1. Cut construction paper and fold it in half to make a note.

2. Paste ruled paper inside and have each girl write a short note, including her name and address and a description of her part in the troop project.

3. Paste a photograph on the outside.

4. Mail all the notes in one package to your partner group or troop.

MAKE A MAP

Show where you live and where you are doing your project on a map of the US and/or your state. Send a copy of the map or a picture of the girls pointing to a location, if the map is large enough.

MAKE A CASSETTE LIKE A RADIO SHOW

Make a cassette of girls singing environmental songs, telling stories about animals and how their habitat is affected, or interview each other on how you feel about the importance of learning about environmental issues and why we should try to improve the environment. Be sure and have each girl identify herself.

The Window Seed

Purpose of this project is to discover what a developing seed looks like.

Materials:

- a clear plastic sandwich bag
- a paper towel
- a radish, bean or sunflower seed
- a spray bottle with water
- cellophane tape.

1. Fold the paper towel into a square
2. Place the seed in between the layers of the paper towel.
3. Spray the paper towel with water until it is very moist but not soaking wet.
4. Place the paper towel in the plastic bag and tape the bag to a window that gets a fair amount of sun.
5. After about a week the seed will sprout a root and a shoot. Discuss the difference between the root and the shoot. What is the function of each part of the plant?
6. Finally, transport the seedling to a flowerpot or outdoors.

From the Roots & Shoots for Young Children curriculum

Story Telling

Materials:

- Sheets of paper
- Pens
- Scissors.

Group Activity: This old-fashioned folded paper game is a great way to break the ice. The girls pair up with seniors and they take turns telling stories about their lives. Rather than have fortunes hidden under the folded paper, it contains topics for story telling. Detailed directions for folding this toy are below. However, there may also be a student in the group who knows how to make these toys.

Directions for folding a storyteller:

- Take a piece of letter size paper and fold the upper right hand corner down to the left side to form a square and cut off the bottom.
- Take the square and fold it in four quarters. Fold four corners into the center and then fold that square in half.
- Tuck your fingers in the four little pockets.
- Write the name of four colors on four outside sections.
- Write the numbers 1-8 on the inside sections.
- Write these sentences in the tucked under triangle of paper:
    - What was your biggest adventure?
    - What was the scariest thing that ever happened to you?

- Did you care for a special pet?
- Do you have any brothers and sisters?
- Where were you born?
- What was the first kind of car you drove?
- What is the farthest place you have ever visited?
- What was the one thing you wish you had known when you were my age?
- What did you do for fun before you had a TV?

Take turns telling each other stories. Practice being a good listener.

Draw Our Roots & Shoots

Introductions:
- Meet the seniors. Introduce the Roots & Shoots group.
- Explain the purpose of Roots & Shoots.

Draw Our Roots & Shoots:
Materials: Large pieces of paper. Colored pencils.

The purpose of this activity is for the older and younger group members to get to know each other.

1. Pick any kind of tree to represent you and your life. Be sure to add roots, branches and shoots, trunk and the ground.
2. Roots provide support for the tree. Be sure to draw them even though they are under the ground. Then write down the names of people who give you support.
3. Shoots or branches grow away from the tree trunk. Write down what your dreams are.
4. The trunk represents you.
5. Pair up with a senior and share your tree drawings. Tell each other about your roots and shoots.

Sharing Time: Ask seniors to share a memory about a favorite tree. For example, some families plant a tree when a child is born or others might remember a favorite flowering or climbing tree. Then Roots & Shoots members can share their memories.

Reading List: *The Eagle and the Wren*, by Dr. Jane Goodall

RESOURCES

Environment

Books:

Abbey, Edward, 1968. *Desert Solitaire*. New York: Simon & Schuster.

Brown, Tom, Jr., 1983. *Tom Brown's Field Guide to Nature Observation and Tracking*. New York: Penguin Putnam, Inc.

Doyle, Kevin, 1998. *The Complete Guide to Environmental Careers in the 21st Century*. Island Press.

Ehrlich, Paul and Anne, 1990. *The Population Explosion*. New York: Touchstone/ Simon & Schuster.

Gore, Albert. 1992. *Earth in the Balance*. Boston: Houghton Mifflin Co.

Thoreau, Henry David. 1973. *Walden, or, Life in the Woods*. Garden City, New York: Anchor Press/ Doubleday.

Van Matre, Steve and Bill Weiler. 1983. *The Earth Speaks*. Illinois: The Institute for Earth Education.

Wilson, E.O. 1992. *The Diversity of Life*. Cambridge, Massachusetts: Bellknap Press of Harvard University.

Magazines and Journals:

Environmental Conservation
E, The Environmental Magazine
National Geographic

Animals

Books:

Bekoff, Marc. 2000. *Strolling With Our Kin: Speaking for and Respecting Voiceless Animals*. New York: Lantern Books.

Bekoff, Marc (editor). 2000. *The Smile of a Dolphin: Remarkable Accounts of Animal Emotions*. New York: Random House/Discovery Books.

Carson, Rachel. 1962. *Silent Spring*. Boston: Houghton Mifflin.

Singer, P. 1998. Ethics into Action: Henry Spira and the Animal Rights Movement. Lanham, Maryland: Rowman and Littlefield.

Magazines and Journals:

Ranger Rick Magazine. National Wildlife Federation. Write to: Ranger Rick, P.O. Box 777, Mt. Morris, IL 61054, or call (815) 734-1160.

World. Write to *World*, P.O. Box 63002, Tampa, Florida 33663-3002, or call (800) 437-5521.

National Geographic*. Write to:* National Geographic*, P.O. Box 63002, Tampa, Florida 33663-3002, or call (800) 437-5521.*

Human Community

Internet:

http://www.redcross.org - American National Red Cross
http://www.njfoodbank.org - Hunger Relief Organizations, links page
http://www.nifl.org - National Institute for Literacy
http://www.projectmeal.org - Meals on Wheels Association of America

Books, Selected Articles and Videos by and about Dr. Jane Goodall
(For more information, visit www.janegoodall.org)

Books:

Goodall, Jane. 1971. *In the Shadow of Man.* Boston: Houghton Mifflin.

Goodall, Jane. 1988. *My Life with the Chimpanzees.* New York: Simon and Schuster.

Goodall, Jane. 1989. *The Chimpanzee Family Book.* Ridgefield, Connecticut: The Jane Goodall Institute.

Goodall, Jane. 1989. *The Chimpanzee Family.* Canada: Madison Marketing Ltd.

Goodall, Jane. 1990. *Through a Window.* Boston: Houghton Mifflin.

Goodall, Jane. 1994. *With Love.* New York: North – South Books.

Goodall, Jane. 1999. *Dr. White*. New York: North – South Books.

Goodall, Jane. 1999. *Reason for Hope.* Warner Books.

Goodall, Jane. 1999. *Forty Years at Gombe.* New York: Stewart, Tabori & Chang.

Goodall, Jane and Dale Peterson, (ed). 2000. *Africa in My Blood*. New York: Houghton Mifflin.

Goodall, Jane and Dale Peterson. 2000. *Visions of Caliban: On Chimpanzees and People.* Athens, Georgia: University of Georgia Press.

Selected Articles:

Goodall, Jane, "My Life Among the Wild Chimpanzees," *National Geographic.* 1963. Washington, DC: The National Geographic Society 124(2), 272-308.

Goodall, Jane, "New Discoveries Among Africa's Chimpanzees," *National Geographic.* 1965. Washington, DC: The National Geographic Society 128(6), 802-831.

Goodall, Jane, "Life and Death at Gombe," *National Geographic.* 1979. Washington, DC: The National Geographic Society 155(5), 592-621.

Videos (Available on the Jane Goodall Institute Website):

"Among the Wild Chimpanzees," 1984. The National Geographic Society.

"My Life With the Chimpanzees," 1990. The National Geographic Society.

"Chimps: So Like Us," 1990. Simon & Goodman Picture Company for HBO.

"People of the Forest," 1997. The Discovery Channel.

"Reason for Hope," 1999. Public Broadcast Station.

REQUEST FOR Roots & Shoots MATERIALS

Please send this form to: Girl Scout Council of the Nation's Capital
Program Department-Roots & Shoots,
4301 Connecticut Avenue, NW
Washington D.C. 20008

TROOP _____ASSN/*S.*U _____ AGE LEVEL OF GIRLS _____

LEADER'S NAME _____PHONE NUMBERS: DAY _____

ADDRESS _____EVENING_____

_____E-MAIL_____

I would like to request Roots & Shoots Materials:

_____Number of Certificates for girls in each age level listed above

_____Packet of Materials (1 per troop)

_____Current Roots & Shoots Newsletter (1 per troop)

GIRL SCOUTS

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(202) 237-1670 or 1-800-523-7898
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www.gscnc.org

ROOTS & SHOOTS
THE JANE GOODALL INSTITUTE

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Silver Spring, MD 20911
(301) 565-0086 or 1-800-592-JANE
FAX 301-565-3188
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"Only when we understand can we care
Only if we care will we help
Only if we help shall all be saved"