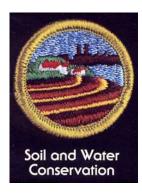
CONSERVATION PROGRAM AWARDS



Presented by

Denver Area Council Conservation Committee





What Makes A Good Conservation Project?

Scouts and Venturers undertaking conservation work are volunteering their time and energy for the good of the environment and their community. A worthwhile project allows them to feel pride in what they are doing, gives them a chance to earn various Scout awards, gives them a chance to learn new skills, and provides a valuable service to their community. The following guidelines will help Scout leaders and agency personnel plan conservation work that serves the needs of Scouts, of agencies, and of the environment.

Involve Scouts in All Aspects of the Project

A sense of project ownership is important to young people. Scouts should understand the purpose of a conservation project. By involving them in the planning as well as the project execution they will develop a stronger sense of commitment to the project.

Make Projects Fun

Whenever possible, combine conservation efforts with other Scout activities such as a hike, campout, swim, nature walk, patrol competition, or advancement/merit badge activities. This will enrich the experience for everyone while reinforcing the idea that conservation is a fundamental part of the Scouting program.

Choose Reasonable First Projects

The first project(s) undertaken by a Scout or unit should be limited in scope, be easily understandable, last no more than a few hours, and allow for a sense of completion. As young people gain experience and confidence, projects can become more complex, last longer, and may be limited to a portion of the overall project.

Consider Skill Levels

A good project is within the skill levels of the youth doing the project and is age appropriate in complexity. Work that is too demanding sets Scouts up to lose interest and to fail. On the other hand, the best opportunities challenge Scouts to push a little beyond their current abilities and to master new skills or concepts.

Set Reasonable Goals

Everyone likes a sense of completion to their work. Scout conservation efforts should either be accomplished in a short period of time, such as a morning or an 8 hour day, or broken down into intermediate components which allow for accomplishments that can be built upon over longer periods of time.

Make a Difference!

Appropriate projects allow young people to see that their efforts have a positive effect upon the quality of their environment. They should learn about the importance of conservation in their role as a citizen and they should gain a sense of pride in having done a Good turn for the environment.



World Conservation Award







The World Conservation Award provides an opportunity for individual Cub Scouts, Boy Scouts, Varsity Scouts, and Venturers to "think globally" and "act locally" to preserve and improve our environment. This program is designed to make youth members aware that all nations are closely related through natural resources and that we are interdependent with our world environment.

Wolf Cub Scouts:

- 1. Complete achievement #7 Your Living World.
- 2. Complete all Arrow Points in 2 of the following 3 Electives: #13 Birds

Participate in a den or pack conservation project in addition to the above.

#15 - Grow Something #19 - Fishing

Bear Cub Scouts:

- 1. Complete achievement #5 Sharing Your World With Wildlife.
- 2. Complete all requirements in 2 of the following 3 electives: #2 Weather

3. Participate in a den or pack conservation project in addition to the above.

#12 - Nature Crafts #15 - Water and Soil Conservation

Webelos Scouts:

- 1. Earn the Forester activity badge.
- 2. Earn the Naturalist activity badge.
- 3. Earn the Outdoorsman activity badge.
- 4. Participate in a den or pack conservation project.

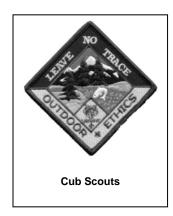
Boy Scouts and Varsity Scouts:

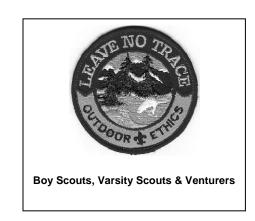
- 1. Earn the Environmental Science merit badge.
- 2. Earn either the Soil and Water Conservation or Fish and Wildlife Management merit badge.
- 3. Earn the Citizenship in the World merit badge.

Venturing:

- 1. Complete the Ecology elective for the Ranger award.
 - a. Explain the basic natural systems, cycles, and changes over time and how they are evidenced in a watershed near where you live. Include the four basic elements, land use patterns, and at least six different species in your analysis and how they have changed over time. Discuss both biological and physical components.
 - b. Describe at least four environmental study areas near where you live. Include the reasons for selecting these areas, their boundaries, user groups, past inventories, any outside forces that interact with them, and a list of what things could be studied at each of them.
 - c. Plan a field trip to each of the above areas, including detailed plans for conducting various investigations. Follow all of the requirements such as trip permits, safety plans, transportation plans, equipment needs, etc.
 - d. Under the guidance of a natural resources professional, carry out an investigation of an ecological subject approved by your Skipper. Inventory and map the area. Conduct a detailed investigation providing specific data for a specific topic. Document and present your findings to your ship, another ship, a Cub Scout or Boy Scout group or Venturing crew, or another group.
 - e. Teach others in your ship, another ship, a Cub Scout or Boy Scout group or Venturing crew, or another group how to carry out an ecological investigation. Use steps 3 and 4 above with the group so that they may also learn by doing.
- 2. Show the relationships of global events and conditions, both political and environmental, to the areas that you described in steps 1 and 2 above.
- 3. Determine how conditions in your local area also appear in other areas around the world.
- 4. Describe some of the interrelationships between people and our natural resources that affect our global environment.
- 5. Teach others in your ship, another ship, a Cub Scout or Boy Scout group or Venturing crew, or another group about the interconnectivity that we all have with each other and our environment.

Leave No Trace Awareness Award





As more people use parks and recreation facilities, LEAVE NO TRACE® guidelines become even more important for outdoor visitors.

Leave No Trace is a plan that helps people to be more concerned about their environment and to help them protect it for future generations. Leave No Trace applies in a backyard or local park (frontcountry) as much as it does in the wilderness (backcountry).

We should practice Leave No Trace in our attitude and actions--wherever we go. Understanding nature strengthens our respect toward the environment. One person with thoughtless behavior or one shortcut on a trail can spoil the outdoor experience for others.

Help protect the environment by remembering that while you are there, you are a visitor. When you visit the outdoors, take special care of the area. Leave everything just as you find it.

Hiking and camping without a trace are signs of a considerate outdoorsman who cares for the environment. Travel lightly on the land.

Tiger Cub, Cub Scout, & Webelos Requirements:

- 1. Discuss with your leader or parent/guardian the importance of the Leave No Trace frontcountry guidelines.
- 2. On three separate outings, practice the frontcountry guidelines of Leave No Trace.
- 3. Boys in a Tiger Cub den complete the activities for Achievement 5, Let's Go Outdoors; boys in a Wolf den complete Requirement 7, Your Living World; boys in a Bear den complete Requirement 12, Family Outdoor Adventures; boys in a Webelos den earn the Outdoorsman activity badge.
- 4. Participate in a Leave No Trace-related service project.
- 5. Promise to practice the Leave No Trace frontcountry guidelines by signing the Cub Scout Leave No Trace Pledge.
- 6. Draw a poster to illustrate the Leave No Trace frontcountry guidelines and display it at a pack meeting.

Boy Scout and Venturer Requirements:

- Recite and explain the principles of Leave No Trace.
- 2. On three separate camping/backpacking trips demonstrate and practice the principles of Leave No Trace.
- 3. Earn the Camping and Environmental Science merit badges (or do No.3 under the Scouter requirements).
- 4. Participate in a Leave No Trace-related service project.
- 5. Give a 10-minute presentation on a Leave No Trace topic approved by your Scoutmaster (or Advisor).
- 6. Draw a poster or build a model to demonstrate the differences in how we camp or travel in high-use and pristine areas.

Cub Scout Leader Requirements:

- 1. Discuss with your den's Cub Scouts or your pack's leaders the importance of the Leave No Trace frontcountry guidelines.
- 2. On three separate outings demonstrate and practice the frontcountry guidelines of Leave No Trace.
- 3. Participate in presenting a den, pack, district, or council awareness session on Leave No Trace frontcountry guidelines.
- 4. Participate in a Leave No Trace-related service project.
- 5. Commit yourself to the Leave No Trace frontcountry guidelines by signing the Cub Scout Leave No Trace Pledge.
- 6. Assist at least three boys in earning Cub Scouting's Leave No Trace Awareness Award.

Scouter and Advisor Requirements:

- 1. Recite and explain the principles of Leave No Trace.
- 2. On three separate camping/backpacking trips demonstrate and practice the principles of Leave No Trace.
- Share with another Scout Leader/Advisor your understanding and knowledge of the Camping and Environmental Science merit badge pamphlets.
- Actively assist (training, advice, and general supervision) a Scout/Venturer in planning, organizing, and leading a service project related to Leave No Trace.
- 5. Assist a minimum of three Scouts/Venturers in earning the Leave No Trace Awareness Award.
- 6. Plan and conduct a Leave No Trace awareness session for Scouts, Venturers, Scouters, or an interested group outside of Scouting.

Cub Scout Outdoor Activity Award



Tiger Cubs, Wolf and Bear Cub Scouts, and Webelos Scouts have the opportunity to earn the Cub Scout Outdoor Activity Award. Boys may earn the award in each of the program years as long as the requirements are completed each year. The first time the award is earned, the boy will receive the pocket flap award, which is to be worn on the right pocket flap of the uniform shirt. Each successive time the award is earned, a wolf track pin may be added to the flap. Leaders should encourage boys to build on skills and experiences from previous years when working on the award for a successive year.

All Ranks: Attend Cub Scout day camp or Cub Scout/Webelos Scout resident camp.

Rank-Specific:

Tiger Cubs: Complete one requirement in Achievement 5, "Let's Go Outdoors" (Tiger Cub Handbook) and complete three of the outdoor activities listed below.

Wolf Cubs: Assemble the "Six Essentials for Going Outdoors" (*Wolf Handbook*, Elective 23b) and discuss their purpose, and complete four of the outdoor activities listed below.

Bear Cubs: Earn the Cub Scout Leave No Trace Award (Bear Handbook, Elective 25h) and complete five of the outdoor activities listed below.

Webelos: Earn the Outdoorsman Activity Badge (Webelos Handbook) and complete six of the outdoor activities listed below.

With your den, pack, or family:

- 1. Participate in a nature hike in your local area. This can be on an organized, marked trail, or just a hike to observe nature in your area.
- 2. Participate in an outdoor activity such as a picnic or park fun day.
- 3. Explain the buddy system and tell what to do if lost. Explain the importance of cooperation.
- 4. Attend a pack overnighter. Be responsible by being prepared for the event.
- 5. Complete an outdoor service project in your community.
- 6. Complete a nature/conservation project in your area. This project should involve improving, beautifying, or supporting natural habitats. Discuss how this project helped you to respect nature.
- 7. Earn the Summertime Pack Award.
- 8. Participate in a nature observation activity. Describe or illustrate and display your observations at a den or pack meeting.
- 9. Participate in an outdoor aquatic activity. This can be an organized swim meet or just a den or pack swim.
- 10. Participate in an outdoor campfire program. Perform in a skit, sing a song, or take part in a ceremony.
- 11. Participate in an outdoor sporting event.
- 12. Participate in an outdoor Scout's Own or other worship service.
- 13. Explore a local city, county, state, or national park. Discuss with your den how a good citizen obeys the park rules.

Trail and Forest Saver Awards



Trail Saver series awards can be earned in cooperation with the Forest Service or a Trail Boss certified by a council High Adventure Team (HAT). The Forest Service will provide the tools needed. Contacting your council HAT is usually the best way to set up trail work opportunities. The Trail Saver awards are a series of 6 hour awards. The awards that can be earned are:

- Silver Trail Saver Patch 6 hours of trail work.
- Forest Conservation Patch 12 hours of trail work.
- Gold Trail Saver Patch 18 hours of trail work.
- Trail Blazing Patch 24 hours of trail work.
- Trail Saver Medal 30 hours of trail work.



Forest Saver series awards recognizes individual participation in forestry and associated construction and maintenance projects. All efforts applied to earning these awards must be performed on projects which are approved in advance by your council HAT and are supervised by a Trail Boss of a representative of the USFS. The Forest Saver awards are a series of 6 hour awards. The awards that can be earned are:

- Campsite Patch Campground or trail camp development, improvement, maintenance, and rehabilitation.
- Wildlife Patch Habitat restoration, browse-way improvement, construction and maintenance of feeders and waters, etc.
- Forestry Patch Plantation clearing, tree planting, tree thinning and pruning, etc.
- Forest Saver Patch Earn the Campsite, Wildlife and Forestry Awards and do an additional 6 hours of Forest Saver project work.
- Forest Saver Medal Earn the Forest Saver Award and do an additional 6 hours of Forest Saver project work for a total of 30 hours.



Colorado Scout Conservationist Award

Requirements:

- 1. Recite the Outdoor Code and explain the main principles of the Code.
- 2. Explain the seven principles of Leave No Trace. Discuss one example of how you can demonstrate each one of the LNT principles on a camping/backpacking trip with your Unit. (Credit granted toward LNT Award requirement #1.)
- Complete the following Colorado issue requirements:
 - a. Identify the major ecological (life) zones in Colorado on a cross-section drawing. Indicate on your drawing the name of each zone, its approximate elevation range, and annual precipitation. Prepare a brief written description of the climate, vegetation, animal life, and discuss any human activities that may be limited in each zone.
 - b. Explain and describe Leave No Trace practices important to desert and alpine tundra environments. What environmental factors necessitate the need for these special practices?
 - c. Identify four public land management agencies in Colorado. Describe the primary mission of each agency and the influence their mission statement has on the management of land and water resources within their jurisdiction.
 - d. Describe appropriate land use guidelines or regulations for travel or camping in the following land management areas:
 - Private Lands
 - National Park
 - National Forest
 - Colorado State Park
 - Wilderness Areas
 - e. Identify the four primary watersheds within the State of Colorado on a map. Identify the watershed in which you live and name each of the river segments downstream from your home. Describe the appropriation system of water allocation in Colorado including the terms senior and junior water right, water right priority, tributary groundwater, nontributary groundwater, renewable and non-renewable water resources. Explain the role and use of water storage reservoirs in managing Colorado's water resources. Discuss how the use of tributary groundwater well may affect water flows in a nearby stream and the water rights along that waterway. Describe how a Colorado instream flow water right operates within the Colorado water right system.
 - f. Describe the differing impacts of a wildfire and a prescribed burn on forest resources. What forest management practices can be applied to manage the impact of wildfire? What positive impacts may occur from wildfire? Describe the term defensible space and how it relates to the protection of human settlement. Name four conservation practices that can be applied to a burn area to help restore the forest and help protect local water resources.
- 4. Complete a conservation project in the State of Colorado. You may:
 - a. Earn the Conservation Good Turn Award within the past year, or
 - b. Complete a conservation project approved by your advisor, or
 - c. Participate in a conservation project sponsored by a recognized conservation agency or organization, or
 - d. Complete a household water conservation audit at your home or school and provide a written report explaining the results of the audit to your conservation advisor.
- 5. Review and describe the requirements of the World Conservation Award, Leave No Trace Award, and William T. Hornaday Awards for Distinguished Service to Conservation.



Conservation Good Turn

Support Your Local Conservationists

The Conservation Good Turn is an opportunity for Cub Scout packs, Boy Scout troops, Varsity Scout teams, and Venturing Crews to join with conservation or environmental organizations (federal, state, local, or private) to carry out a Conservation Good Turn in their home communities.

- The Scouting unit contacts a conservation agency and offers to carry out a Good Turn project.
- The agency identifies a worthwhile and needed project that the unit can accomplish.
- Working together in the local community, the unit and the agency plan the details and establish the date, time, and location for carrying out the
 project.

Participating Agencies

Many federal agencies are resources for the BSA's Conservation Good Turn. These agencies include:

- U.S. Department of Agriculture
- Soil Conservation Service
- Forest Service
- Extension Service
- U.S. Army Corps of Engineers
- National Oceanic and Atmospheric Administration
- U.S. Environmental Protection Agency

- U.S. Department of the Interior
- United States Fish and Wildlife Service
- Bureau of Land Management
- National Park Service
- Geological Survey
- Bureau of Indian Affairs
- Bureau of Reclamation

Recognitions

A Conservation Good Turn certificate is available at the council service center for units that participate and report on their efforts. A Conservation Good Turn patch is also available for purchase at the council service center to recognize individual youth and adult members who participate in a meaningful conservation project.

Keep America Beautiful Inc. Hometown, USA Award

The Hometown, USA Award is a joint program between Keep America Beautiful Inc. (KAB) and the Boy Scouts of America. It is designed to give recognition to the outstanding efforts of Scouts in their communities in regard to citizenship and environmental improvement.

Background

KAB was founded in 1953 as a private organization with the purpose of building and sustaining a national cleanliness ethic. The Boy Scouts of America has been affiliated with KAB for more than thirty years as a member of KAB's national advisory council, a program advisory body composed of more than eighty public service organizations and federal agencies.

Keep America Beautiful Day, which began in 1971 as "Scouting Keep America Beautiful Day," was originally cosponsored by KAB and Boy Scouts of America as a massive national cleanup and recycling program. Millions of Scouts still turn out annually to participate in similar activities during what is now called Keep America Beautiful Week.

Purpose

- To educate Boy Scouts about citizenship in relation to conservation and to involve them in community activities relating to environmental issues
- To offer a mechanism by which Scouts can develop positive attitudes toward their environment and community while being exposed to interesting career opportunities
- . To provide the opportunity to honor Boy Scouts for their significant contributions toward keeping America beautiful

Requirements

- Merit badges. Earn three merit badges from the following list of twelve: Citizenship in the Community, Communications, Environmental Science, Fish and Wildlife Management, Forestry, Gardening, Geology, Landscape Architecture, Nature, Plant Science, Public Speaking, Soil and Water Conservation.
- 2. **Community service project.** In addition to earning the merit badges, a Boy Scout is required to perform a community service project. The project should involve a minimum of eight hours of time, two of which must involve management planning, with the other six consisting of carrying out the project. It should help keep America beautiful and benefit the community either physically or financially. One way to do this is to plan the community service project as part of Keep America Beautiful Week or Public Lands Day.

KAB Week

KAB Week developed from eleven consecutive years' observances of KAB Day. It originated in 1971 as "Scouting Keep America Beautiful Day." KAB Day was eventually extended to a weeklong observance (usually the fourth week of April). Millions of citizens across the nation participate each year.

Public Lands Day

Public Lands Day involves citizen volunteers in cleaning and maintaining nearby public lands. This event falls annually on the Saturday following Labor Day. The purpose of Public Lands Day is to instill a sense of pride and ownership among citizens through hands-on participation in continuing education and improvement projects on public properties.

Getting the Patch

Scouts must complete the Hometown U.S.A. Award application form and present it to their Scoutmaster or troop advancement chairman.

In order to qualify for the award, Scouts must have successfully completed the requirements as outlined. The troop advancement chairman will know which merit badges each Scout needs in order to qualify.

It is suggested that the community service project be under the overall direction of a natural resources professional or other qualified adult supervisor. After completing the project, the adult supervisor should sign a statement that the project has been completed and meets the requirements of the project sponsor.

Within their local communities, Boy Scouts may contact the following:

- Consultants—naturalists, park rangers, refuge managers, biologists, foresters, 4-H extension agents, science teachers, librarians, policemen, KAB coordinators
- Groups—parks and recreation department, wildlife refuges, sanitation department, recycling center, nature or science center, state fish hatchery, soil and water conservation or natural resources district

William T. Hornaday Awards











This awards program was created to recognize those that have made significant contributions to conservation. It was begun in 1917 by Dr. William T. Hornaday, director of the New York Zoological Park and founder of the National Zoo in Washington, D.C. Dr. Hornaday was an active and outspoken champion of natural resource conservation and a leader in saving the American bison from extinction. He named the award the Wildlife Protection Medal. Its purpose was to challenge Americans to work constructively for wildlife conservation and habitat protection. After his death in 1938, the award was renamed in Dr. Hornaday's honor and became a Boy Scouts of America award.

The Hornaday Awards are highly prized by those who have received them: Only slightly more than a thousand medals have been awarded over the past 70 years. These awards represent a substantial commitment of time and energy by individuals who have learned the meaning of a conservation/environmental ethic. Any Boy Scout, Varsity Scout, or Venturer willing to devote the time and energy to work on a project based on sound scientific principles and guided by a conservation professional or a well-versed layperson can qualify for one of the Hornaday Awards. Any of the awards will take months to complete, so activities should be planned well in advance.

The fundamental purpose of the Hornaday Awards program is to encourage learning about natural resource conservation and the environment. Understanding and practicing sound stewardship of natural resources and environmental protection strengthens Scouting's emphasis on respecting the outdoors. The goal of this awards program is to encourage and recognize truly outstanding efforts undertaken by Scouting units, Scouts and Venturers, adult Scouters, and other individuals, corporations, and institutions that have contributed significantly to natural resource conservation and environmental protection.

Certificate:

A Hornaday unit certificate is awarded to a pack, troop, team, or crew of five or more Boy Scouts, Varsity Scouts, or Venturers for a unique, substantial conservation project. At least 60 percent of registered unit members must participate. At least 60 percent of the registered unit members must participate. These units may be nominated, or they may apply to their BSA local council for recognition.

Hornaday Badge:

Scouts earn three of the merit badges listed below in **boldface**, plus any two others. Then plan, lead, and carry out a significant project in natural resource conservation, from one of the following project categories:

- Energy conservation
- Soil and water conservation
- Fish and wildlife management
- Forestry and range management

- Air and water pollution control
- Resource recovery (recycling)
- Hazardous material disposal and management
- Invasive species control

Venturers must complete the ecology and plant and wildlife requirements for the Venturing Ranger Award and submit project documentation as specified.

Hornaday Bronze Medal:

Scouts earn the Environmental Science merit badge and at least three additional merit badges listed below in boldface, plus any two others. Then plan, lead, and carry out three significant projects from three separate categories listed. Venturers must complete the ecology and plant and wildlife requirements for the Venturing Ranger Award and submit project documentation as specified.

Hornaday Silver Medal:

Scouts earn all the merit badges listed below in boldface, plus any three others. Then plan, lead, and carry out four significant projects in natural resource conservation or environmental improvements, one each from four of the eight project categories listed. Venturers must complete the ecology and plant and wildlife requirements for the Venturing Ranger Award and submit project documentation as specified.

The following merit badges and project categories are the building blocks for a Scout to earn a Hornaday Award:

- Energy
- Environmental Science
- Fish and Wildlife Management
- Forestry
- Public Health
- Soil and Water Conservation
- Atomic Energy
- Bird Study
- Fishing
- Gardening
- Weather

- Geology
- Insect Study
- Landscape Architecture
- Mammal Study
- Nature
- Oceanography
- Plant Science
- Pulp and Paper
- Reptile and Amphibian Study

Hornaday Gold Badge:

The gold badge is by nomination only and is awarded by the local council to an adult Scouter. The nominee should have demonstrated leadership and a commitment to the education of youth on a council or district level for significant conservation efforts for a period of at least three years. Nominations are made to the local council.

Hornaday Gold Medal:

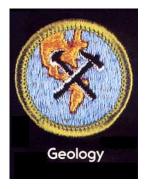
The gold medal is by nomination only and is awarded to an adult Scouter. It recognizes unusual and distinguished service in natural resource conservation and environmental improvement at the regional, national, or international level. Nominations must be approved by the Hornaday Awards Committee and by the Conservation Committee of the National Council, Boy Scouts of America. Any recognized conservation/environmental organization may submit a nomination. The award includes the gold medal, a certificate, and an embroidered square knot.

Hornaday Gold Certificate:

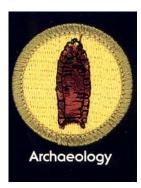
This award is by nomination only and is granted to an individual, corporation, or organization not affiliated with Scouting. The nominee should have made an outstanding contribution to youth conservation education and demonstrated commitment to the education of youth on a national or international level, reflecting the natural resource conservation and environmental awareness mission of the Boy Scouts of America. Candidates may be nominated by any recognized conservation/environmental organization. Up to six awards may be granted annually. Each nomination must be approved by the Hornaday Awards Committee and by the Conservation Committee of the National Council, Boy Scouts of America, in consultation with the Chief Scout Executive.

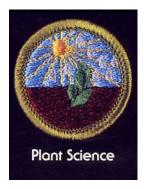
Hornaday Award	Administered by	Awarded to	Type of Award	How to Qualify	Maximum Awards/Year	Requirements
Unit award	Council	Pack, troop, team, crew	Certificate	Be nominated or apply	Unlimited	Complete one project; 60% of unit contributes
Badge	Council	Boy Scout, Varsity Scout, or Venturer	Badge and certificate	Apply	Unlimited	Complete advancement requirements; complete one substantial project
Bronze medal	National	Boy Scout, Varsity Scout, or Venturer	Medal, certificate, and square knot	Apply	Unlimited	Complete advancement requirements; complete three bronze substantial projects, each from a different project category
Silver medal	National	Boy Scout, Varsity Scout, or Venturer	Medal, certificate, and square knot	Apply	Unlimited	Complete advancement requirements; complete four silver substantial projects, each from a different project category
Gold badge	Council	Adult Scouter	Badge	Be nominated	Unlimited	Adult Scouter; leadership to conservation at council or district level for at least three years
Gold medal	National	Adult Scouter	Medal, certificate, and square knot	Be nominated	Six	Adult Scouter; leadership to conservation at national or regional level over a lifetime (at least 20 years)
Gold certificate	National	Corporation or organization	Certificate	Be nominated	Six	Outstanding contribution to youth conservation education for at least three years

Conservation Project Ideas









Conservation and environmental agencies typically have a backlog of needed projects that they have been unable to carry out, for lack of funding or volunteers. The list of possible projects is limited only by the needs of the agency and the willingness of the Scouting unit. In every community, whether urban, suburban, or rural, worthwhile projects await all Scouting units.

Cub Scouts:

Cub Scout conservation projects should involve the entire Cub Scout pack, each den, adult leaders, and family members. Hands-on projects help Cub Scouts and Webelos Scouts realize that *everyone* can do things to care for the environment. Suggested projects include, but are not limited to:

- Plant grasses, trees, shrubs, and ground cover to stop soil erosion.
- As a den or pack, adopt a park. Remove litter and garbage from a favorite neighborhood recreation area or park.
- Organize or participate in a recycling program in your neighborhood, or visit a recycling center.
- Arrange a natural resources awareness program. Invite natural resource professionals such as wildlife biologists, soil conservationists, foresters, or conservation officers to speak to your pack.
- Participate in a beach or waterfront cleanup. Record the items collected and determine the possible harmful effects to wildlife. Determine the
 possible dangers posed to wildlife.
- From a local, state, or national organization that is concerned about environmental protection, obtain suggestions for den and pack projects to improve the environment.
- As a den or pack, visit a public utility to learn about the wise use of resources, and become involved in programs offered by utilities to help consumers conserve resources.
- Contact the camp ranger or BSA local council property superintendent for information about camp needs and plans. Establish a nature trail, plant vegetation, or carry out other needed projects as requested by the camp ranger.

Boy Scouts & Varsity Scouts:

Scouts participating in a conservation project can meet certain rank and merit badge requirements. Troops and teams should consider advancement requirements when selecting projects to carry out. Suggested projects include, but are not limited to:

- Plant shrubs to provide food and cover for wildlife.
- Conduct stream improvement projects to prevent erosion.
- Plant grasses and legumes to provide ground cover in schoolyards, public parks, and recreation areas.
- Plant tree seedlings as part of a managed forestry plan.
- Help thin and prune woodlands in a managed tree improvement project.
- With a local forester, take part in or conduct a forest fire prevention program.
- Make an exhibit on conservation for a county fair.
- Develop a nature trail in a public park.
- Assist a local forester in a tree insect- and disease-control or public education project.
- Assist a local agency with a trout stream restoration project.
- Participate in a wildlife or wildfowl count.
- Conduct a rodent-control and public health education program under the guidance of the local health department or agency responsible for rodent control.

Venturers:

Venturing Crews or a cluster of Crews can conduct an area-wide inventory of environmental needs. Crews can individually or jointly plan, organize, and carry out an area-wide environmental improvement project. Suggested project ideas include, but are not limited to the following:

- Organize a recycling campaign.
- Visit a legislative body in session to understand the legislative process and how to become active citizens in the community.
- Participate in a National Wildlife Federation program at the community level.
- Plan and carry out a community improvement campaign.
- Adopt a pond, stream, or park; keep it well maintained and litter-free.
- Participate in Keep America Beautiful Day.
- Research career opportunities in the fields of conservation and the environment and publish your findings for distribution to other crews.
- Conduct a national high-adventure base conservation project.
- Participate in National Hunting and Fishing Day.
- Paint public buildings or maintain the grounds.
- Under the guidance of the local parks and recreation department, prune trees on public grounds.

Conservation Project Sources for Scouts

Arapaho National Forest

Kristy Wumkes 970-498-2733 kwumkes@fs.fed.us

Aurora Parks & Recreation

Tracey Young 303-739-7160 Linda Strand 303-739-7160

Barr Lake State Park

303-659-6005

Boulder Parks & Recreation

Mary Malley 303-713-7245 Jeanne Scholl 303-413-7231 Ann Armstrong 303-441-3440

Boyd Lake State Park

970-669-1739

Bureau of Land Management

Helene Aarons 303-239-3669

Castlewood Canyon State Park

303-688-5242

Chatfield State Park

303-791-7275

Cherry Creek State Park

303-699-3860

Colorado Environmental Coalition

303-534-7066 www.ourcolorado.org

Continental Divide Trail Alliance

303-838-3760 www.cdtrail.org

Colorado Fourteeners Initiative

303-278-7525 www.14ers.org

Colorado Mountain Club

303-279-3080

www.cmc.org

Colorado Trail Foundation

303-384-3729

www.coloradotrail.org

Denver Botanical Gardens

Heather Boor 720-865-3537 **Denver Digs Trees**

303-722-6262

www.theparkpeople.com

Eldorado Canyon State Park

303-494-3943

Englewood Parks & Open Space

Dave Lee 303-762-2683

Golden Gate Canyon State Park

303-582-3707

Grand Mesa National Forest

Sandra Rounds 970-874-6645 srounds@fs.fed.us

Gunnison National Forest

Sandra Rounds 970-874-6645 srounds@fs.fed.us

Hayman Fire Recovery Project

John Bruno or Theresa Springer 719-748-0033 (NOTE: Eagle Project only)

HeadwatersTrails Alliance

970-887-1174

www.headwaterstrails.com

Jackson Lake State Park

970-645-2551

Jefferson County Open Space

Shaun Howard 303-271-5938

Lory State Park

970-493-1623

National Park Service Intermountain Region

Judy Chetwin 303-969-2625

Nature Conservancy

303-444-2950 www.nature.org

North Jeffco Park & Recreation District

303-424-2739

Pike National Forest

Linda Bell 719-553-1447

Rio Grande National Forest

Jeff Stoney 719-852-6224 Rocky Mountain National Park

970-586-1330

Roosevelt National Forest

Kristy Wumkes 970-498-2733

kwumkes@fs.fed.us

Routt National Forest

Lila Coca 307-745-2333

lcoca@fs.fed.us

Roxborough State Park

303-973-3959

St. Vrain State Park

303-678-9402

San Juan National Forest

Jeanie Harris 970-385-1228

jharris@fs.fed.us

San Isabell National Forest

Linda Bell 719-553-1447

Trout Unlimited

303-440-2937

US Fish & Wildlife Service, Region 6

Tina Proctor 303-236-7862x260

US Forest Service, Region 2

Marlette Lacey 303-275-5325

mlacey@fs.fed.us

Uncompahagre National Forest

Sandra Rounds 970-874-6645

srounds@fs.fed.us

Volunteers for Outdoor Colorado

Wendy Hodges 303-715-1010

www.voc.org

(NOTE: generally not good for Eagle

projects)

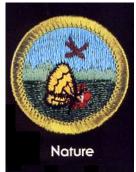
White River National Forest

Sarah Hiles 970-945-3281 Kathryn Grohusky 970-262-3450

Wildlands Restoration Volunteers

303-543-1411

www.wlrv.org



List of Ideas for Community Service Projects for Hometown, USA Award and other awards

- 1. Develop and help maintain a community garden.
- 2. Build a nature trail for use as an outdoor classroom or for community enjoyment.
- 3. Develop a recycling project that involves your whole troop (i.e., newspaper and/or bottle collection).
- 4. Conduct a survey of local storefronts. Determine areas where litter has accumulated. Work with storeowners to help improve conditions.
- 5. Plan and make a presentation to elementary students about the importance of conserving natural resources. Take students on a nature walk, pointing out natural resources.
- 6. Conduct soil and water conservation activities on a heavily used trail to prevent erosion. Record your activities.
- 7. Construct water facilities and plant vegetation that will provide food and shelter for wildlife in appropriate places.
- 8. Adopt a park, block, vacant lot, etc. Erect signs urging others not to litter or vandalize. Protect a flower bed or plant species with fencing. Remove litter and debris. Build picnic tables or fix up old ones, paint benches, etc.
- 9. Research which plant species are native to your area, and plant and maintain a community wildflower garden. Include descriptive and educational signs for the public.
- 10. Organize an anti-litter poster competition among junior and senior high schoolers. Arrange for businesses to donate awards for the winners and recruit community judges. Include media coverage. Get local businesses and schools to display the posters.
- 11. Become involved in a local environmental/recycling issue. Attend public meetings, talk to public officials, and make a report to your troop about what you have learned. Decide how you want to become involved in resolving the issue and spend your project time educating your fellow citizens as to your viewpoint and assisting your "side" in its campaign.
- 12. Establish and maintain a bird sanctuary.
- 13. Find out which birds, animals, and fish are native to your area. Write an article on the importance of maintaining proper balance between man and nature. Take steps to maintain habitat areas for this wildlife.



Resources & Materials

Denver Area Council Conservation Committee, Steve Boand (chairman)

Available at the Denver Area Council Office

- ✓ CONSERVATION GOOD TURN Working Together to Enhance the Environment information sheet and Certificate Application
- ✓ WORLD CONSERVATION AWARD Application
- ✓ The Principles of LEAVE NO TRACE for Outdoor Adventures / Application for the LNT Awareness Award
- ▼ THE 50-MILER PROGRAM Information sheet and Award Application
- ✓ HOMETOWN USA AWARD information sheet and Award Application.
- ✓ Requirements and Awards Application With Conservation Committee and Advisor Guidelines for the WILLIAM T HORNADAY AWARDS for DISTINGUISHED SERVICE to NATURAL RESOURCE CONSERVATION
- ✓ Conservation related merit badge pamphlets
- ✓ The Conservation Handbook, #33570

Resources for Hometown U.S.A. Award

The following is a list of organizations and the free brochures that may be obtained to assist Boy Scouts in earning the required merit badges included in the Hometown U.S.A. Award.

American Society of Landscape Architects

Write: American Society of Landscape Architects 636 Eye Street, NW Washington, DC 20001-3736 Web address: http://www.asla.org

Keep America Beautiful Inc.

Community Cleanup
Tips for Preventing Litter in Your Community
Take Care of America
Wise Waste Handling Tips
Fact sheets on recycling, municipal solid waste
Write: Keep America Beautiful Inc.
1010 Washington Boulevard
Stamford, Connecticut, USA 06901
Web address: http://www.kab.org

National Gardening Association

Digging Deeper: Integrating Youth Gardens Into Schools and Communities

Sowing the Seeds of Success

The National Gardening Association (NGA) also hosts a grant program which presents more than 300 grants to qualified youth gardening projects. Grant packages include approximately \$750 worth of tools, seeds, NGA manuals and other gardening equipment and supplies. Materials about this program include National Gardening Grant Applications. The application deadline is November 1.

Write: National Gardening Association

180 Flynn Avenue Burlington, VT 05401

Phone: 800-LETSGRO (538-7476) Web address: http://www.garden.org

U.S. Department of Agriculture—Natural Resources Conservation Service

Backyard Conservation
Going Wild With Soil and Water Conservation
Conservation and the Water Cycle
Soil Erosion by Wind
Soil Erosion by Water
What Is a Watershed?

Write: Conservation Communications Natural Resources Conservation Service U.S. Department of Agriculture P.O. Box 2890 Washington, DC 20013

Web address: http://www.nrcs.usda.gov

U.S. Department of the Interior—Fish and Wildlife Service

For the Birds
Why Save Endangered Species?
National Wildlife Refuges: A Visitor's Guide
Write: U.S. Department of the Interior
Fish and Wildlife Service
1849 C Street, NW
Washington, DC 20240
Web address: http://www.fws.gov

Available on the Internet

✓ Hometown, USA Award application @ www.scouting.org/boyscouts/resources/21-277/21-377.pdf

✓ William T. Hornaday Awards Fact Sheet @ www.bsa.scouting.org/factsheets

William T Hornaday Award Application @ www.bsa.scouting.org/awards/hornaday and www.usscouts/hornaday and for teaching LNT see

www.bsa.scouting.org/boyscouts/resources/21-105

and for teaching LNT see

Conservation Project Planning Checklist

Scouting leaders and agency personnel can use the following checklist as a guide to assist them in evaluating and planning conservation projects

0	What is the task(s) to be done?					
0	Why is it Important?					
0	How Many Scouts/Venturers can take part in the project?					
0	What is the time frame for completing the project?					
0	What tools and materials will be needed and who will provide them?					
0	What approvals are needed and who will obtain them?					

0	What leadership skills are required to oversee the work?
0	Who will provide project leadership (list by name)?
0	How will youth and leaders reach the work area?
0	What safety issues are involved and how will they be addressed?
0	What are the project documentation requirements?
0	Other issues/concerns?