

# **Cadette and Senior Girl Scout Plant Life Merit Badge**

Acorn Naturalists specializes in resources that enhance Girl Scout experiences, including nature crafts, campfire activities, outdoor skill development, nature lore knowledge, camp nature craft activity kits, and many other fun resources for scout patch and award programs. Girl Scouts, patrol leaders and outdoor education and service leaders are encouraged to visit our online or "bricks and mortar" store, each filled with activities that supplement Girl Scout programs and activities. Watch interest in nature and outdoor education grow while your scouts enjoy the great outdoors, all the while earning their scout patches and awards.

The resources listed below can easily be found on the Acorn Naturalists website. When visiting [acornnaturalists.com](http://acornnaturalists.com) simply type in all or part of resource name into the search field located on every web page. You can then easily order online using our secure order form, or simply call us directly at (800) 422-8886. If you are in the area, visit us in person at our store (155 El Camino Real, Tustin, California 92780), or call to request our comprehensive print catalog describing over 8000 hands-on educational resources. We look forward to helping Girl Scouts achieve a high level of adventure, education and outdoor learning while developing valuable skills and, of course, having a lot of fun.

This resource list has been developed by educators familiar with Girl Scout handbook, fieldbook, merit badge and award requirements, and is offered to enhance and enrich Girl Scout education activities described in those resources. Specific learning resources should be selected based on local environments and interests as they complement official Girl Scout programs, projects, patches, awards and activities.

## **Skill Builders**

### **Activity 1**

Complete Soil Test Kit (#TEST-6390)  
Introduction to Soil Science Kit (#KIT-9517)  
NPK Soil Test Kit (#KIT-8330)  
PH Test Kit (#TEST-5305)  
PH Test Papers (#TEST-10208)  
Soil PH Test Tabs Kit (#TEST-16291)  
The Biology and Chemistry of Soil Lab (#KIT-14325)  
Topsoil Tour (#TEST-4183)

### **Activity 2**

Introduction to Soil Science Kit (#KIT-9517)

Moisture Meter (#T-8328)  
Soil Collection Tube (#T-4189)  
Soil Texture Test (#TEST-4185)  
The Biology and Chemistry of Soil Lab (#KIT-14325)  
Topsoil Tour (#TEST-4183)

## **Activity 5**

Growlab: A Complete Guide to Gardening in the Classroom (#BP-4166)  
Stem Adaptations Displays (#T-12803)

## **Activity 6**

Environmental Action, Chemicals, Student (#EE-6118) and Educator (#EE-6117) Guide's  
Kids Garden! The Anytime, Anyplace Guide to Sowing and Growing Fun (#BP-13023)  
Nature's Services (#EE-8011)  
Save the Planet Knowledge Cards (#G-51741)

## **Technology**

### **Activity 5**

Garden Genetics, Student's Edition (#BP-15218)  
Garden Genetics, Teacher's Edition (#BP-15217)

## **Service Projects**

### **Activity 1**

Child's Garden (#BP-16322)  
Growing Together, a Guide for Building Inspired, Diverse, & Productive Youth Communities (#BP-10294)  
Kids Garden! The Anytime, Anyplace Guide to Sowing and Growing Fun (#BP-13023)  
Mimi's Garden, It's a Kid Thing (#BP-13024)  
Roots, Shoots, Buckets, and Boots (#BP-8315)  
Tree Celebrations! Planting and Celebrating Trees with Ceremonies, Stories and Activities (#BP-10069)  
Unearthing Garden Mysteries (#BP-15256)

### **Activity 2**

Ancient Harvest Coloring/Learning Book (#NAT-9169)  
Audubon Pocket Guide to Eastern (#FG-652) and Western (#FG-651) Flowers  
Golden Field Guide to Wildflowers of North America (#FG-6251)

Golden Guide to Wildflowers (#FG-2395)  
Landscaping for Wildlife, a Guide to Developing Habitats for Wildlife in the Midwest (#B-6370)  
National Audubon Society Field Guide to Eastern (#FG-2379) and Western (#FG-2380) Wildflowers  
National Audubon Society Regional Field Guide Series: See Field Guide Selection in **Interest Areas.\***  
Native American Gardening (#BP-4801)  
Nature Finder Regional Plant Life Guides: See Field Guide Selection in **Interest Areas.\***  
Peterson Field Guide to Ferns of NE and Central North America (#FG-2323)  
Peterson Field Guide to Pacific States Wildflowers (#FG-2333)  
Peterson Field Guide to Rocky Mountain Wildflowers (#FG-2336)  
Peterson Field Guide to Southwest and Texas Wildflowers (#FG-2339)  
Peterson Field Guide to Wildflowers of the Northeast & North Central (#FG-2337)  
Peterson First Guide to Wildflowers (#FG-2362)  
Peterson Flash Guide to Roadside Wildflowers (#FG-5100)  
Pocket Naturalists Laminated Regional Tree and Wildflower Guides: See Field Guide Selection in **Interest Areas.\***  
The Nature Friendly Garden (#BP-14345)

### **California Native Plant References**

Cacti, Agaves, and Yuccas of California {In Store} (#STO-55877)  
California Desert Wildflowers {In Store} (#STO-50703)  
California Mountain Wildflowers {In Store} (#STO-55606)  
California Native Plants for the Garden {In Store} (#STO-52892)  
Early Uses of California Plants {In Store} (#STO-50541)  
Edible and Useful Plants of California {In Store} (#STO-50513)  
Field Guide to Plant Galls of Southern California (#STO-15380)  
Flowering Plants of the Santa Monica Mountains {In Store} (#STO-51095)  
Flowers and Shrubs of the Mojave {In Store} (#STO-54470)  
Flowers of the South West Mountains {In Store} (#STO-54471)  
Grasses in California {In Store} (#STO-50542)  
Growing California Native Plants {In Store} (#STO-50512)  
Intro to Cal. Wildflowers & Plants Field Guide Series: See Field Guide Selection in **Interest Areas.\***  
Invasive Plants (#B-15125) (#STO-51315)  
Mountain Flowers of the Cascades {In Store} (#STO-51315)  
Native Shrubs of Southern California (#BP-50544)  
Native Treasures {In Store} (#STO-53444)  
Orange County Native Plants for Butterflies and Hummingbirds {In Store} (#STO-51721)  
Roadside Plants of Southern California {In Store} (#STO-50506)  
Shrubs and Trees of the South West Uplands {In Store} (#STO-54475)  
Sierra Nevada Flora {In Store} (#STO-50721)  
Weeds of the West {In Store} (#STO-52613)  
Wild Lilies, Irises, and Grasses of California {In Store} (#STO-51669)  
Wildflowers of the Sierra Nevada {In Store} (#STO-52330)

### **Activity 3**

Milkweed Visitors  
Milkweed, Monarchs, and More (#INV-12386)  
Monarch Magic! Butterfly Activities and Nature Discoveries (#INV-7274)  
Orange County Native Plants for Butterflies and Hummingbirds {In Store} (#STO-51721)  
The Butterfly Book, the Complete Guide to Butterfly Gardening, Identification, and Behavior (#INV-494)  
The Family Butterfly Book (#INV-9431)

## **Activity 5**

The Man Who Planted Trees (#EE-4021)

Tree Celebrations! Planting and Celebrating Trees with Ceremonies, Stories and Activities (#BP-10069)

\***Interest Areas** refers to the left hand column on Acorn Naturalists website ([www.acornnaturalists.com](http://www.acornnaturalists.com)) that lists the various subject areas found on the website.

## **Inspirational Resources for the Trail and Classroom<sup>©</sup>**

**ACORN NATURALISTS  
155 El Camino Real  
Tustin, CA 92780  
(800) 422-8886  
acornnaturalists.com**