pennsylvania
DEPARTMENT OF CONSERVATION
AND NATURAL RESOURCES
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BUREAU OF FORESTRY

# Tiadaghton State Forest

# 2015 MANAGEMENT ACTIVITIES

The mission of DCNR Bureau of Forestry is to conserve the long-term health, viability and productivity of the Commonwealth's forest and to conserve native wild plants. One of the ways the bureau carries out this mission is through the State Forest Resource Management Plan (SFRMP), a document that guides the management of the 2.2 million-acre state forest system. The SFRMP is updated approximately every 5 years and includes an extensive public engagement process. The SFRMP is implemented at the local level by forest district-specific plans that aim to balance the many uses and values of the forest through ecosystem management.

The Bureau of Forestry is committed to considering the views and perspectives of the public and various stakeholders. Penn's Woods: Sustaining Our Forests defines the strategic vision of the Bureau of Forestry, and states, "Public participation will be an integral part of the management of state forest lands." Public notification and input is solicited in many ways, including public meetings, newsletters, social media, advisory committees and participation in outreach events. The purpose of this Management Activities document is to communicate upcoming forest management activities, projects and events being conducted to implement the SFRMP on Tiadaghton State Forest. This document will be populated in January to include projects planned for the upcoming year and then revised again in July to reflect any changes for the remaining 6 months of the year.

Districts strive to accommodate local-level interests in planning management activities and making decisions when it is possible to do so. Comments or questions regarding planned or proposed activities are most appropriately directed to the local state forest district initially. Should questions remain following local consultation, please provide them to PAForester@pa.gov. The Forest Resource Planning and Information Division will coordinate with the State Forester's Office to review the situation and provide feedback.

For questions, comments or more information about this plan, please contact:

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**Recreation Projects**

- **Tomb Flats Campground**-This project will include the placement of a double vault restroom facility for campers, Pine Creek Rail Trail users, fishermen, and other recreation users. A new hand pump will be installed on the well drilled in 2014 to provide potable water. In addition, approximately 100 balled and burlapped trees will be planted throughout the campground in the spring.
- **Trailhead Improvements-**Two new kiosks will be placed at major trailheads. One kiosk will be placed at the Black Forest trailhead and the other at the Golden Eagle trailhead. A new bulletin board will be placed at the Haneyville Snowmobile Parking Lot to provide information and maps to snowmobilers.
- **Pine Creek Rail Trail-**Gate posts will be painted throughout the summer season along the rail trail. Older sections of the trail surface will be raked and rerolled in the spring. Additionally, signs along the trail will be replaced as needed.
- **Haneyville ATV Trail**-Sections of the trail that are eroded will be resurfaced using shale, and drainage will be improved by maintaining headwalls, culverts, and tail ditches.
- **Pine Creek Rail Trail Invasive Species Plan** – Foresters will begin the systematic eradication of invasive species along the Pine Creek Rail Trail utilizing newly established compartments and guidelines.

**Trail Work**

- **Sentiero Di Shay Ski Trail**- DCNR staff will mow and clear approximately 13 miles of this trail corridor as routine maintenance.
- **Francis Kennedy Ski Trail** - DCNR staff will mow and clear approximately six miles of this trail corridor as routine maintenance.
- **Pine Bog Ski Trail** - DCNR staff will mow and clear approximately two miles of this trail corridor as routine maintenance.
- **George Will Ski Trail** - DCNR staff will mow and clear approximately six miles of this trail corridor as routine maintenance.
- **Ruth Will Ski Trail** - DCNR staff will mow and clear approximately three miles of this trail corridor as routine maintenance.
- **Baldwin Point Ski Trail** - DCNR staff will mow and clear approximately three miles of this trail corridor as routine maintenance.
- **Pitch Pine Loop Ski Trail** - DCNR staff will mow and clear approximately three miles of this trail corridor as routine maintenance.
- **Bear Claw Ski Trail** - DCNR maintenance staff will mow and clear approximately four miles of this trail corridor as routine maintenance.
- **Black Forest Trail**-Each Spring DCNR staff and volunteers clear this 42 mile loop and re-

establish the trail surface where it has eroded from the previous year.

- **Golden Eagle Trail**- Each Spring DCNR staff and volunteers clear this 9.2 mile loop and re-establish the trail surface where it has eroded from the previous year.
- **Mid State Trail**- Every August the Mid State Trail Association spends one weekend improving the trail. Additional work will involve digging-out areas where the trail has eroded and the tread surface is now non-existent.
- **Middle Hill Trail** – DCNR staff will re-establish the Middle Hill Trail by clearing trees and brush along the corridor and by digging-out areas that have washed-out.
- **Bull Run Quarry/Log Slide Loop**-A portion of trail will be constructed to connect two existing trails at one of the district's outstanding vistas (Bull Run Spur 1), creating a scenic loop trail from the Tiadaghton Resource Management Center.

**2015 Organized Events**

- **Eastern States 100** – On August 15, the Eastern States 100 will be held at Little Pine State Park. This elite foot race will utilize about 70 miles of hiking trails in the Tiadaghton State Forest.
- **Call of the Wilds Mountain Marathon** - On August 15, the Call of the Wilds Mountain Marathon will be held at Little Pine State Park. This ultra-marathon course features about 25 miles of hiking trails in the Tiadaghton State Forest.
- **Pine Creek Challenge** – In September, the 100 mile and 100 kilometer ultra-marathon race will be held on the Pine Creek Rail Trail.
- **Mile Run Challenge** - This annual half-marathon is held in the southern portion of the Tiadaghton State Forest and the northern portion of the Bald Eagle State Forest each spring.
- **YMCA Ride for the Y** – The annual Ride for the Y will be held on the Pine Creek Rail Trail in late September and feature approximate 29 miles of the trail.
- **Hyner Hang Gliding Club** – The Hyner Hang Gliding Club launches from the vista at Augenbaugh Gap several times per year.
- **Jersey Shore Lions Club Family Fun Walk/Run** – In April the Lions Club of Jersey Shore will host a 5k run/walk on the Pine Creek Rail Trail starting in Jersey Shore.
- **Durty Dabbers Enduro** – In June the Durty Dabbers host an endure-style motorcycle event that incorporates state forest roads in multiple forest districts. In the Tiadaghton State Forest, the Dabbers used roads solely in the southern portion of the district.
- **Slate Run Ramble** – In late spring and early autumn a public hike is led on trails near the village of Slate Run. The route may include portions of the Black Forest Trail, Golden Eagle Trail, Dragon's Back, Quarry Mountain, Half-Dome, or other trails in the vicinity. The length of the course varies for each hike, but is typically 9-12 miles.
- **Princeton Outdoor Action –** Each year Princeton University brings large groups of freshmen students on a backpacking trip on the Black Forest Trail-roughly 150 students attend each

September.

## TIMBER MANAGEMENT

- Timber management will include stands identified in the landscape exam process as high priority for treatment due to high levels of natural regeneration, stand health issues, and prior (ongoing) regeneration projects.
- **Majority Rules (12-2014BC01)** – This area, near Second Gap, received a shelterwood treatment, and deer exclosure fences around 2007. As a result of those treatments, desirable regeneration conditions have arisen. The decision to remove the overstory of these areas, was made after regeneration plots were collected and ran through SILVAH. This computer program by the U.S. Forest Service (USFS) provides us with guidelines that help in the decision-making process for stand management. Total harvest area is 80 acres.
- **Seething Copse (12-2013BC06)** – This area off of Mile Run Road, was repeatedly defoliated by gypsy moths in the late 1990's and the late 2000's. Scattered mortality of oaks in the area ensued. With higher levels of light reaching the forest floor, desirable regeneration conditions exist throughout the area. In areas of heavier mortality, the seedlings have reached a larger size, than in areas of patchy or lesser mortality. Two treatments are being implemented in the area. A shelterwood treatment, will be applied in the areas of smaller seedlings to allow them to gain size, in preparation for an overstory removal treatment. The rest of the area has a greater regeneration potential due to heavy to moderate mortality and will be harvested through an overstory removal.
- **Lebo Road –** Shelterwood Treatment – A competing vegetation treatment (mechanical mowing of mountain laurel) was applied to the stand, as well as a soil scarification, and one deer exclosure. We are planning to apply a shelterwood treatment, to take advantage of the thinned shrub layer, and the favorable acorn crop this year. Total treatment area will be around 250 acres.
- **Many Bears (12-2012BC03)** - A new deer exclosure fence has been erected off Moore road on a portion of the Many Bears timber sale. Protection from deer will help newly established seedlings gain size in preparation for an overstory removal harvest. In other portions of the sale, in the spring of 2015, a tree planting project will occur. We will be having a contractor planting some pine trees in areas that have had an overstory removal treatment already. This is to supplement the conifer component within the landscape.
- **Preserve II – (12-2011BC07)** - A new deer exclosure fence has been erected off Moore road on a portion of the Many Bears timber sale. Protection from deer will help, newly established seedlings gain size in preparation for an overstory removal harvest. In other portions of the sale, in the spring of 2015, a tree planting project will occur. We will be having a contractor planting some pine trees in areas that have had an overstory removal

treatment already. This is to supplement the conifer component within the landscape.

- **Timber Sale - Sand Spring Flat** – Conducted a Compartment Exam early 2014 - 250 acres Two Age Treatment, poorer site 2 (MAH22C) – The purpose of this harvest is to release the existing oak regeneration, future oak and other desirable stump sprouts while also reserving conifers and larger trees with current and future dens. This will be the first and only treatment in this area, due to the low deer population and larger one time treatment this will overwhelm the deer's efforts to browse the desirable species.
- **Deer Fence Dismantle Projects** – Limbaugh (50 acres) and Hackett Rehab (33 Acres). These 2 sites were disturbed then planted with various tree seedlings. The seedlings have grown to a height that is above the deer browse line – it's time to remove the fence.
- **Herbicide Project – Kelly Trail 12-2012BC08** – 107 acres – Oust herbicide will be applied to control fern, creating more favorable conditions to establish future oak regeneration on a recent shelterwood treatment.
- **Tree Planting – Miller Trail** (215 acres Shaw Mtn.) 12-2013BC02 and Dry Run (60 acres Huntley Mtn. Rehab Site) Tree plantings will be conducted to supplement the existing and future regeneration within a timber sale area and an old burned over area.
- **Fence Construction-Kelly Trail 12-2012BC08 –** 2 fences, 49 acres – 35 acres to protect future oak regeneration. Timber sale harvested during winter of 2103 – 2104 with a good acorn crop fall 2014.
- **Crop Tree Project – McMurrin Run** – Based on the Sand Spring Flat compartment exam, a crop tree project will be conducted within a 1980's era reproduction treatment to remove the undesirables and smaller stems from the more dominate pole size stems.
- **Kalmia Wonderfolia (12-2014BC03) –** 110 acre Two-Age Removal. This sale is made up of 110 acres of aesthetic buffer. The overstory is in a state of decline and the understory is made up mostly sassafras (*Sassafras albidum*) and mountain laurel (*Kalmia latifolia*). Acceptable regeneration was lacking due to the amount of competing vegetation. The sale was marked down to 20-40 square feet of basal area with reserves being made up mostly of dominant trees exhibiting good health.
- **Refuge II (12-2014BC07)** – 100 acre overstory removal located just southwest of the Black Forest village. This sale has a large amount of competing oak regeneration and was marked down to 10 square feet of basal area to release this regeneration. Reserves are made of dominant trees of all currently present species exhibiting good health.
- **Burnt Shanty** – (201 acres off of the Rocky ridge Road in Clinton County) An overstory removal is marked to take advantage of the advanced regeneration on that site. It should be cut within the next few years.
- **Charred Tin Can – (**209 acres off of Beulah Land road) This stand will be marked this winter, pending waiver approval. This sale had a pre-scribed fire conducted in parts of it to promote oak seedlings and to eliminate the birch and striped maple that overtopped them.

- **Heavy Breather –** A striped maple basal spray project will be conducted in this timbersale near near Limbaugh Road.
- **Deer Fence Removal –** Total deer fences that are slated to come down pending the contractor getting it done will be 17 across the district. We anticipate several more in the following year.
- ***Other sales could potentially begin in 2015, but forecasting that activity at this time is difficult due to a variety of reasons that may inhibit them coming to fruition. We will periodically update this document throughout the year to better inform our constituents to the Tiadaghton State Forest.***

## RESTORATION AND HABITAT PROJECTS

- All food plots were mowed again this summer. About 8 food plots were sprayed with Roundup prior to being re-farmed. Farming on food plots was conducted as usual on the food plots this year. Types of feed planted were clover, wheat, oats, brassica, sunflowers, buckwheat, turnips, kale and rape. Some of the clover plots were sprayed with Poast this year to attempt to increase the longevity of the clover.
- Next year we plan to farm and mow the food plots as usual. There may be an additional food plot created on the Sawalt Road in the Rauchtown Maintenance Division.
- There is a possibility of some wildlife mowing occurring at the Breining Fields in Watson Township and in the old fire along Silver Springs Road in McHenry Township.

## ROAD AND BRIDGE PROJECTS

- Spring 2015 – Driving Surface Aggregate (DSA) placement on Laurel Run Road – Starting near Whipple Dam State Park's Beach Road exit covering approximately 0.7 mile to camp 5C-381.
- Summer 2015 – DSA placement on Laurel Run Road - Starting near camp 5C-381 covering approximately 4 miles to camp 5C-334
- Summer 2015 – Full depth reclamation of pavement on Stone Creek Road – Starting near Crowfield Road intersection covering approximately 2.5 miles to the intersection of Spruce Mountain Road.
- Summer 2015 – Large contracted culvert replacement on Laurel Run Road near camp 5C-009
- Summer 2015 – Large contracted culvert replacement on Thick head Mountain Road near the intersection with Treaster Kettle Road.
- Fall 2015 – Large in-house culvert replacement – Crowfield Road near the intersection with Stone Creek Road

- Fall 2015 – Large in-house culvert replacement Greenlee Road near camp 5C-021
- Fall 2015 – Large in-house culvert replacement PSU Watershed Road

## PRESCRIBED FIRE

- The district successfully conducted 3 prescribed fires this past season. Two were conducted on the Tin Can timbersale off of Beulah Land Road to promote oak seedlings. Plots were taken before the fire to inventory what was on site and plots were again taken after the fire to see and document changes to the forest floor.
- A third prescribed burn was conducted near the old Camp Kline boy scout property at Bonnell Flats. Approximately every other year this burn (approx. 30 acres) is conducted to enhance native grasses and wildflowers and to inhibit invasiveplants from invading and getting established in the fields. This burn promotes species that benefit local wildlife.
- The district continues to try and get employees more experience conducting prescribed fires in order to have qualified burn bosses to conduct future burns.

## INSECT, DISEASE, AND INVASIVE PLANT TREATMENT

- Insect and disease monitoring and reporting will continue in 2015 and will focus on the priority list provided by the Division of Forest Pest Management (FPM). Report forms will be forwarded to FPM Area Specialist from the District I&D coordinator for ground truthing and possible control efforts for reported insect and disease problems. Aerial survey flight(s) will be conducted in late June/early July to detect possible problem areas as well.
- Very little Gypsy Moth defoliation noticed during flight July 2014.
- Ash management will begin with identification and treatment of ash trees at a 4-acre site located on Lebo Rd near PA RT. 44. This site was a historical White Ash plantation planted May 1911. We will be conducting an ash treatment project during the spring of 2015. There are 64 trees with a total DBH of 990” - not all the trees will be treated due to current declining condition.
- Control efforts for invasive plants will continue in 2015. Larger ongoing projects such as mile-a-minute and Japanese knotweed infestations along Pine Creek are annual occurrences at the district level.
- Several populations of mile-a-minute have popped up in recent years and are either pulled, mowed or sprayed to try and eliminate or prevent spread. The district is also considering the use of predator beetles to unleash on these recurring plant populations.
- The district also continues to treat Ailanthus (tree-of-heaven), Japanese Knotweed, Japanese Stiltgrass and other invasives as they pop up.
- Significant attempts were made in 2014 to identify and treat outlying and novel populations

of invasive species on the Tiadaghton State Forest. In the early spring, great effort was made to treat invasive shrubs located on diverse floodplain forests along Pine Creek.

- During the summer, significant effort was spent hand weeding or mowing newly discovered mile-a-minute populations along Pine Creek. In the late summer, hundreds of man hours were spent treating tree-of-heaven populations on the Tiadaghton State Forest, especially focusing on outlying populations. In the coming year, we desire to continue this work with the help of additional equipment and continued DCNR support.

## NATURAL GAS AND OIL DEVELOPMENT

- 2014 planted approximately 16,000 trees and shrubs on pipelines.
- 2015 plan to establish a mowing and herbaceous opening program.
- 2015 plan to plant roughly 7500 more trees on pipelines.
- The 2014 construction season for Anadarko was slow, as they only cut two pipelines, consisting of roughly 4 miles. We are in the process of having them place the pipes closer to the road to replant more of the pipeline. The discussions are to try to reduce the widths of the pipelines in the future, so that we can minimize the need for plantings.
- During the 2015 construction season, Anadarko plans on putting a pipeline in the Limbaugh Road for approximately 3 miles to reduce the impacts.
- Anadarko also did an invasive survey for our District. We gave them species to target and spray for the 2014 season, they will go back and survey and possibly spray more in the 2015 season.
- In 2014, shale gas development continued on the Tiadaghton State Forest at a rate lower than experienced in previous years. Only two leased tracts remain very active with several small projects (e.g. pipeline clearing, drilling and hydraulic fracturing of wells on one pad) occurring on other leased tracts.
- Approval has been given for the installation of a pipeline linking ongoing shale gas development on State Gamelands 075 to existing development on the Tiadaghton State Forest.
- Shale gas operators have begun proposing development (e.g. well pads) based on the possibility of gaining a non-surface disturbance lease on adjacent, currently non-leased, state lands. Thus far, we've not yet approved such proposed development.

## OPPORTUNITIES FOR PUBLIC ENGAGEMENT

- Meet and greet opportunities on the weekends.
- Family fishing days on Pine Creek in cooperation with the Pennsylvania Fish & Boat

Commission.

- Jersey Shore Area Middle School: watershed education field day, compass and map classes, and invasive plants classes.
- Tree ID Trail hikes, kayak trips on Pine Creek and the Susquehanna River, History Hikes on the Log Slide Trail, and group rides on the Pine Creek Rail Trail.
- Fun in the Sun Day at Brandon Park, Williamsport.
- Woolrich Youth Day, Woolrich, PA.
- Jersey Shore YMCA Healthy Living Fair.
- Loyalsockville Elementary School 3rd grade Rail Trail ride.
- Boy Scout and Cub Scout merit badge classes.
- Schick Elementary School (Loyalsock District) Career Day
- Project Learning Tree and PA Songbird presentations.
- Charter School Field days at the Tiadaghton Forest Resource Management Center .
- Tiadaghton Forest Resource Management Center presentations for gas infrastructure tours, advisory council meetings, and other state and national groups using the meeting space at the Center.
- Counselor at DCNR's ECO-Camp.

## RESEARCH

In 2014, at least eleven separate research projects representing six different universities or non-profit organizations made use of the Tiadaghton State Forest for data collection, overnight lodging, or access to research sites. Topics of research include:

- Sound monitoring of shale gas compressor sites,
- Infrasound monitoring to assess weather event intensity,
- Bird species response to shale gas development within interior forests,
- Investigating disease dynamics in smallmouth bass in Pine Creek and the Susquehanna River Watershed,
- Comparing bryophyte and lichen diversity in forested areas receiving differing levels of disturbance,
- Assessing genetic variation in Allegheny woodrat metapopulations,
- Determining sound soil restoration and revegetation methods on soils disturbed and compacted by shale gas development,
- Assessing the visitor use and satisfaction on and surrounding the Tiadaghton State Forest,
- Establishing baseline population and environmental monitoring for northeastern bulrush in Pennsylvania,
- Assessing mycorrhizal variability and habitat correspondence in the pink lady's slipper orchid,

- Identifying potential impacts to brook trout populations resulting from changes in habitat (i.e., sedimentation) and water quality associated with shale gas development,
- and other projects related to observing the impact of shale gas development.

## RECREATION ACCOMPLISHMENTS 2014

**Recreation Projects**

- **Tomb Flats Campground**- This project included the construction of ten campsites. Each site has an improved walkway and pad for a picnic table, fire ring, and a lantern hook. Two of the sites include onsite parking for persons with disabilities as well as picnic tables, fire rings and lantern hooks designed to meet the needs of people with disabilities. The remaining eight sites are walk-in only. In addition, Tiadaghton personnel planted approximately 70 balled and burlapped trees in the spring of 2014. In September a well was drilled on-site to provide potable water for campers.
- **Pine Creek Rail Trail** – Several projects took place along the Pine Creek Rail Trail (PCRT) this year. A portion of the trail was resurfaced from the Clark Farm Recreation Access to Jersey Mills. Swinging gates at each road intersection were powder-coated. A new deck was placed on the railroad bridge near Cedar Run. The trail was brushed back along our 38 mile corridor. New signs were placed under railroad bridges along the PCRT to inform canoers and kayakers of campgrounds and other State Forest facilities.
- **Black Forest Trail Bridge** – A new foot bridge was constructed in late summer over Slate Run to allow hikers to pass over this scenic and sometimes impassable stream.
- **Black Walnut Bottom Campground** – A new water well was drilled at this popular campground along Pine Creek late this summer.
- **Pump Station Groomer Storage Facility –** A new building to store snowmobile trail groomers was completed this year and will allow easier ingress and egress for groomer operators in addition to the much needed protection from the weather.
- **Coudersport Pike Snowmobile Trail** – Portions of the Coundersport Pike snowmobile trail were reconstructed to improve drainage and subsequently trail conditions during the riding season. New signs were also added to improve rider safety.
- **Black Forest Trailhead Parking Areas** – Parking areas were improved with additional gravel at the primary trailhead along Slate Run Road and at the end of the Algerine Lane.

**Recreation Events**

- **Eastern States 100** – On August 16, the first annual Eastern States 100 was held at Little Pine State Park. This elite foot race, which featured runners from 22 states and four countries, utilized about 70 miles of hiking trails in the Tiadaghton State Forest.

- **Call of the Wilds Mountain Marathon** - On August 16, the first annual Call of the Wilds Mountain Marathon was held at Little Pine State Park. This ultra-course featured about 25 miles of hiking trails in the Tiadaghton State Forest.
- **Pine Creek Challenge** – On September 6-7, the 100 mile and 100 kilometer races were held on the Pine Creek Rail Trail.
- **Mile Run Challenge** - This annual half-marathon is held in the southern portion of the Tiadaghton State Forest and the northern portion of the Bald Eagle State Forest each spring.
- **YMCA Ride for the Y** – The annual Ride for the Y was held on the Pine Creek Rail Trail and featured approximate 29 miles of the trail.
- **Hyner Hang Gliding Club** – The Hyner Hang Gliding Club launches from the vista at Augenbaugh Gap several times per year.
- **Jersey Shore Lions Club Family Fun Walk/Run** – In April the Lions Club of Jersey Shore hosted a 5k run/walk on the Pine Creek Rail Trail starting in Jersey Shore.
- **Durty Dabbers Enduro** – In June the Durty Dabbers host an endure-style motorcycle event that incorporates state forest roads in multiple forest districts. In the Tiadaghton State Forest, the Dabbers use roads solely in the southern portion of the district.
- **Slate Run Ramble** – In late spring and early autumn a public hike is led on trails near the village of Slate Run. The route may include portions of the Black Forest Trail, Golden Eagle Trail, Dragon's Back, Quarry Mountain, Half-Dome, or other trails in the vicinity. The length of the course varies for each hike, but is typically 9-12 miles.
- **Princeton Outdoor Action –** Each year Princeton University brings large groups of freshmen students on a backpacking trip on the Black Forest Trail-roughly 150 students attend each year.

**Trail Work**

- **Haneyville ATV Trail** - DCNR staff performed maintenance work on head walls, culverts and ditches along this 18 mile trail. The staff also had to regrade portions of the trail to improve the tread surface. Vistas along the trail were also cleared.
- **Mid State Trail Rehabilitation** – The Mid State Trail Association (MSTA) reconstructed portions of the trail in the Tiadaghton State Forest between Little Pine State Park and Dam Run Road (~three miles of trail).
- **Mid State Trail Maintenance** - The MSTA, DCNR employees, and additional volunteers mowed/brushed back approximately 35 miles of trail from Big Springs Road to PA State Game Lands 75.
- **Tiadaghton Trail Maintenance** – DCNR maintenance staff and volunteers mowed, weedwhacked, and cleared approximately 10 miles of this trail corridor as routine maintenance. In addition, boy scout Hunter Cero will have rebuilt a portion of this historical trail to complete his Eagle Scout project before the end of November.

- **Sentiero Di Shay Ski Trail** - DCNR staff mowed and cleared approximately 13 miles of this trail corridor as routine maintenance.
- **Francis Kennedy Ski Trail** - DCNR staff mowed and cleared approximately six miles of this trail corridor as routine maintenance.
- **Pine Bog Ski Trail** - DCNR staff mowed and cleared approximately two miles of this trail corridor as routine maintenance.
- **George Will Ski Trail** - DCNR staff mowed and cleared approximately six miles of this trail corridor as routine maintenance.
- **Ruth Will Ski Trail** - DCNR staff mowed and cleared approximately three miles of this trail corridor as routine maintenance.
- **Baldwin Point Ski Trail** - DCNR staff mowed and cleared approximately three miles of this trail corridor as routine maintenance.
- **Pitch Pine Loop Ski Trail** - DCNR staff mowed and cleared approximately three miles of this trail corridor as routine maintenance.
- **Bear Claw Ski Trail** - DCNR maintenance staff mowed and cleared approximately four miles of this trail corridor as routine maintenance.
- **Wolf Path Trail** - DCNR personnel reestablished this trail connecting Lower Pine Bottom Road to Middle Hill.
- **Pine Hollow Trail** - DCNR personnel reestablished this existing trail connecting Middle Hill Road to the Ott Fork Trail.
- **Old Wagon Road Trail** – DCNR staff reestablished this original route along Pine Creek by clearing and mowing portions of the trail for mountain bikers and hikers.
- **Turbert Trail** - DCNR staff mowed, weedwhacked, and cleared approximately two miles of this trail corridor as routine maintenance.
- **Muncy Point Trail** – DCNR staff and volunteers cleared trees and mowed approximately three miles of this trail for trail users.
- **Broken Tip Ski Trail** – This 2.5 mile loop was re-established by clearing treesand brush and mowing both sides of the trail.