Liken’ Lichens Teacher Workshop
February 8th-10th, 2019

Friday, February 8th

3:00 - 5:00  Check-in and get settled..........................................................Main Office
6:00        Supper..........................................................................................Dining Hall
7:00        Welcome and introductions.........................................................Cove Room
            (Jennie McGuigan, GSMIT)
7:30 - 9:00 Introduction to Lichens..........................................................Cove Room
            (Jennifer Love, STEM Coordinator & Educator - NC & Lichen Expert)

Saturday, February 9th

8:00        Breakfast......................................................................................Dining Hall
9 - 12:00   Hikin’ for Lichens (Jennifer Love – on trail).............................Cove Room
Using "Lichens of Tremont" dichotomous key, we’ll hike the trails and identify what we can!

12:30       Lunch............................................................................................Dining Hall
1:30 - 4:30  Lichens and Air Quality Bio-monitoring..............................Cove Room
            (Susan Sachs, NPS Education Coordinator, Appalachian Highlands Science Learning Center)

6:00        Supper..........................................................................................Dining Hall
7 – 8:30    Evening Options........................................................................Cove Room
            ● Lichens as ecosystems: Tardigrades and other creatures
            ● Dyeing with Lichens: Ethnobotany with Lichens
8:30        (Optional) Campfire.................................................................Friendship Circle
            Join SANCP Art of Interpretation folks for stories around the campfire

Sunday, February 10th

8:00        Breakfast......................................................................................Dining Hall
9 - 11:45   Group reflection projects & presentations on trail..................Cove Room
12:00       Evaluations
12:30       Lunch..........................................................................................Dining Hall
1:00        Departure
ABOUT THE INSTRUCTORS:

Jennifer Love:

Jennifer Love serves as the STEM coordinator for Macon County Schools and has been teaching science and math in North Carolina for many years. She has been studying lichens for over 12 years since participating in a professional development that trained teachers to identify and survey lichen diversity in Georgia. Since that workshop, she has had the opportunity to introduce others to the amazing world of lichens and she looks forward to spending a few hours exploring the lichens of Tremont!

Jennifer was the Director of the Highlands Nature Center and was School Program Director at Tremont. Jennifer considers herself lucky to have experience teaching in various settings, subjects and ages. She has taught every subject in 3rd – 6th grade in Georgia and North Carolina and served as the Director of the Highlands Nature Center and School program director at GSMIT. Science is her passion and she has spent the last 6 years teaching advanced science on a project based learning team. She left the classroom to become the STEM Coordinator for Macon County Schools and has enjoyed working with students and teachers from K-12th grade. She also enjoys hiking with my husband and daughter, gardening and lazing around with my two cats.

Susan Sachs:

Susan Sachs is Education Branch Chief for Great Smoky Mountains National Park and has worked in many educational resource capacities as a park ranger since 1991. She started as a seasonal employee and worked in the Washington, DC area, Denali NP and the Grand Canyon. She came to the Smokies in 1998 and has been the Education Coordinator of the Appalachian Highlands Science Learning Center since 2001, where her job was to integrate park science and education with a focus on creating curriculum-based citizen science projects for school programs. Susan currently is Education Branch Chief, where she gets to be influential in helping to direct the educational vision in Great Smoky Mountains National Park.

Susan has been partnering with Tremont for years with a variety of our educational programs and citizen science efforts, and is responsible for doing the groundwork to make it possible to conduct these teacher workshops. Tremont is lucky to have her dedication and expertise available to us this weekend.

Jennie McGuigan:

Jennie is the Manager of School Partnerships and Teacher Development at Great Smoky Mountains Institute at Tremont. Jennie has over 25 years of teaching to various groups of learners and has curriculum design experience ranging from Pre-K to the Adult Educator. She is a former classroom teacher that currently provides teachers dynamic hands-on student-centered professional development opportunities that inspire confidence, dig deeper into teaching and learning pedagogy, and structures session time to include true ‘workshopping’ time, so teachers leave with fully fleshed out products to implement when they get back to the classroom. She has a BS in Outdoor Experiential Education and a M.Ed in Natural Science Education with a concentration in Non-Profit Business Leadership. Jennie enjoys rediscovering the natural world with students and is a life-long learner.