

Raven Hill Discovery Center, incorporated in 1991, is a 501(c)(3) tax-exempt corporation.

Mission: Raven Hill provides a place that enhances hands-on and lifelong learning for all ages by connecting science, history & the arts.

To: Family & Friends
From: Cheri and Raven Hill
Date: October 8, 2022
Re: Seeing RED

Greetings Everyone!

This week, I thought about how fall colors “magically” appear as the green chlorophyll in the leaves is no longer produced and the yellows, oranges and **reds** become visible. I found research about how the **red** in leaves may be a signaling theory as a defense against insect infestations. There was also information about how “global warming and rising carbon dioxide levels in the atmosphere” may be delaying fall yellow, orange and **red** colors.

However, I found so many wonderful quotes about fall that I couldn’t choose a focus, so I decided to share these wise words about fall, along with all the **reds** that I found here at Raven Hill. I hope you all enjoy “**seeing red**”. May the thoughts from artists, naturalists and others from our past, bring you a feeling of peace during this beautiful autumn season.



Staghorn sumac

“I’m so glad I live in a world where there are Octobers.”

L. M. Montgomery or Lucy Maud Montgomery was a Canadian author best known for the novel, Anne of Green Gables.



Red maple

“Autumn shows us how beautiful it is to let things go.”

Unknown



Sugar maple

“How beautiful the leaves grow old. How full of light and color are their last days.”

John Burroughs, American naturalist and nature essayist, active in the conservation movement in the United States in the 1800’s.



Chokecherry

**"As long as autumn lasts, I shall not have hands,
canvas and colors enough to paint the beautiful
things I see."**

Vincent Van Gogh, Dutch painter



Scarlet oak

**"Winter is an etching, spring a watercolor, summer
an oil painting, and autumn a mosaic of them all."**

Stanley Horowitz, Australian publisher and poet



Euonymus

"Autumn...the year's last, loveliest smile."

Wm Cullen Bryant, American poet, journalist &
editor of the *New York Evening Post*



Katydid

Some "leaves" always
seem to stay green!

Fall is a great time to visit Raven Hill. The Center is open weekends—noon to 4pm on Saturdays; 2pm to 4pm on Sundays and other times by appointment. Families and field trip groups can visit and explore both indoors and outside or book a science, history or art class for any & all ages. The Center is a perfect place for scout and 4H activities, birthday parties for all ages, retreats, weddings and other gatherings.



Virginia creeper

**"There are no days so delightful as
those of a fine October."**

Born at Kilmarnock, Scotland,
Alexander Smith was a poet and
essayist in the 1800's.

Outreach programs that come to **YOUR** site are also available for booking too. Small group "assemblies", classes and traveling exhibits, like **History Heritage & STEAM**, can travel to schools and public libraries, as well as other venues.

For more information on onsite or outreach programs, email info@miravenhill.org or call Cheri at 231.536.3369.

Treasure your fall memories,

Cheri