Nature stimulates the senses of artists, serving as the seed of creation.

Composers found inspiration in their experiences in nature, emulating that experience in the concert hall. The bloom of a rose, the tendrils of a climbing vine, the majesty of the redwoods, have been propagated with scores and sounds. Some even use the plant material to make music.

Science, too, has examined the relation between music and plants, testing plant perception to determine response to music and even preference. In response, artists created music that would suit the needs of plants and simultaneously engage the human listener.

We've gathered a bouquet of works from our collection that we hope will stimulate your senses, curiosity, and help connect with the wonderful world of plants and music.

For more information, visit:

**BEATS AND BOTANY**
curated by Audrey Watson, UMKC Music/Media Student Assistant, and Tracy Bass and Libby Hanssen, UMKC Music/Media Library staff.
April 2021

**PLANTS INSPIRING MUSICIANS**
**MUSICIANS INSPIRING PLANTS**

**BEATS AND BOTANY**

For more information, visit:

**SCAN ME!**

Playlist:
Books
Das Berliner Blumentagebuch der Clara Schumann
ML417.S4 S29 2019

Leaves of Grass, Walt Whitman PS3201 1940b

Plantcraft, Janet Cox SB419.C64

"Plants and music;," Baker's Dictionary of Music and Musicians. (Also available via Music and Performing Arts database.) 1997


Scores
Respighi, Ottorino “Pines of Rome” M1002.R47 P5 1925
Jolley, Jennifer “Ash” M1245 .J63 A7 2018
Cage, John “Child of Tree” M146.C23 C4 1975
Cage, John “A Flower” M1621.C34 F56 1960
Rudy, Paul “Degrees of Separation: Grandchild of Tree” M298.R83 D44 1999
Sessions, Roger “When Lilacs Last In The Dooryard Bloom’d” M1533.S5 W5 1974
Strauss, Johann “Rosen aus dem Süden” M1049.S91 op.388 E86 1940z
Strauss, Johann “Tales From the Vienna Woods Op. 325” M1049.S91 G47 1941
Delibes, Léo “Flower Duet” M859.D45 L37 2000z
Brouwer, Margaret “Path At Sunrise, Masses of Flowers” 1045.B86 P2 2013
“The Sierra Club Survival Songbook” M1629.M863 S64 1971
Copland, Aaron “What do we Plant?” M1570.C67 W53 1941

Scores, cont.
Chen Yi “Sakura, Sakura” M1582.C44 S24 1999
Chen Yi “Spring Festival” M1245.C52 S66 2001
Chen Yi “‘Sprout’” M1145.C53 S67 1986
Musgrave, Thea “Green” M1145.M88 G73 2011
Satie, Erik “Gymnopedie no. 1” M244.S26 G9 no.1 1978
Lundquist, Torbjorn “Botany Play” M175.A4 L86 1969
Takemitsu, Toru “Rain Tree Sketch” M25.T24 A42 1982
Zhou Long “Wild Grass” M47.Z46 W54 2004

CDs
“Forest” George Winston CD 2009:1230
“Respighi: Pines of Rome” CD 2008:1028
“Crisantermi” Puccini CD 90:119
“Degrees of Separation” Paul Rudy CD 2011:1240
“Earth: Voices of a Planet” Paul Winter Consort CD 2009:1153
“In the Garden” Tingstad and Rumbel CD 2009:1045

Marr LPS
Stevie Wonder - Journey Through “The Secret Life of Plants”
- Tamla: T13-371C2 discs 1-2
The Carrot Seed - Young People’s Records: 10002 Box 58
Flowers, The Rolling Stones - London: PS 509
Rain Forest, Walter Wanderley - Verve: V6-8658
Forest of the Amazon, Villa-Lobos - United Artists: UAS 8007
Music To Grow Plants, George Milstein - ESC: 121
The Zodiac: cosmic sounds, Mort Garson
- Elektra Records: EKL-4009
A Flower is a Lovesome Thing - Fantasy Records: 3257

ONLINE RESOURCES
Articles
Apparatus and method for producing and streaming music generated from plants, Joseph William Patitucci and Jonathan Shapiro, USPTO Patent Grants, 2021
The Effects of Different Musical Elements on Root Growth and Mitosis in Onion (Allium cepa) Root Apical Meristem (Musical and Biological Experimental Study) Asian Journal of Plant Science 2007
Music to Their Leaves, Smith, Marie-Danilee. Maclean's, 00249262, Aug2020, Vol. 133, Issue 7

E-books
The New Plant Parent, Darryl Cheng, 2019

NAXOS Music Library
“Garden of Sounds” Richard Stoltzman
“Exotic Plants” Johann Strauss I
“Wild Grass” Zhou Long and Chen Yi
“Peculiar Plants” Victoria Bond, Shining a Light Composer
“Patterns of Plants” Mamoru Fujieda
“House Plants in Terracotta Pots” Roy Magnuson
“The Turn of the Tide” Peter Maxwell Davies
“The Salley Gardens,” Benjamin Britten
“Ya crecen de hierbas” [The Plants are Growing] Endecar: Lament for Spain (Sephardic Romances and Songs)
“Care erbette, amiche piante” [Dear little shoots, friendly plants] Johann Melchior Molter
“In the Time of Daffofils” John Metcalf

Music and Performing Arts
Journey through “The Secret Life of Plants” Stevie Wonder