

Ryan McDonnough presents on bee hive thermal management and equipment ventilation and insulation strategies. TVBA 10/26/2021

Links to references from his presentation are listed below:

<http://www.datamath.org/index.htm>

https://drive.google.com/file/d/1HgJZ0dXUTz2PDWj_y67ON5pVYKmoOXIB/view

<https://youtu.be/CHWKtmtRkxQ>

<https://youtu.be/zV18bVBngHU>

<https://www.beezslc.com/single-post/the-problem-to-the-solution-of-winter-moisture>

<https://open.spotify.com/episode/5vV2qLeIT7h4Q7NSSFu8L?si=3tjCKw7bRWGW8lqsgHSGvQ>

<https://open.spotify.com/episode/7k4sKQbe7RfRlFgVspfxS4?si=QZZ9ioqLTYCe8tXxDHV1UA>

ABJ Feb 2020 - The Condensing Colony - Bill Hesbach

<https://bluetoad.com/publication/?m=5417&i=646365&p=54&ver=html5>

ABJ Aug 2017 - Honey Bee Engineering: Top Ventilation and Top Entrances - Derek Mitchell

<https://www.bluetoad.com/publication/?m=5417&i=421338&p=86&ver=html5>

<https://www.beeculture.com/thermal-efficiency/>

<https://futurecitiesandenvironment.com/articles/10.5334/fce.81/>

<https://youtu.be/UKXgldHpedo>

<https://www.pippinbrothers.com/blog/stack-effect-what-you-should-know>

<https://www.beeculture.com/winter-management/>