

- Messaging
- Microsoft Edge
- Microsoft Mouse and Keyboard...
- Microsoft News
- Microsoft Office Tools
- Microsoft Silverlight
- Microsoft Solitaire Collection
- Microsoft Store
- Microsoft Wi-Fi
- Mixed Reality Portal
- Mobile Plans
- Money
- Movies & TV
- MPC-HC x64

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- Network Speed Test
- Notification
- Notification
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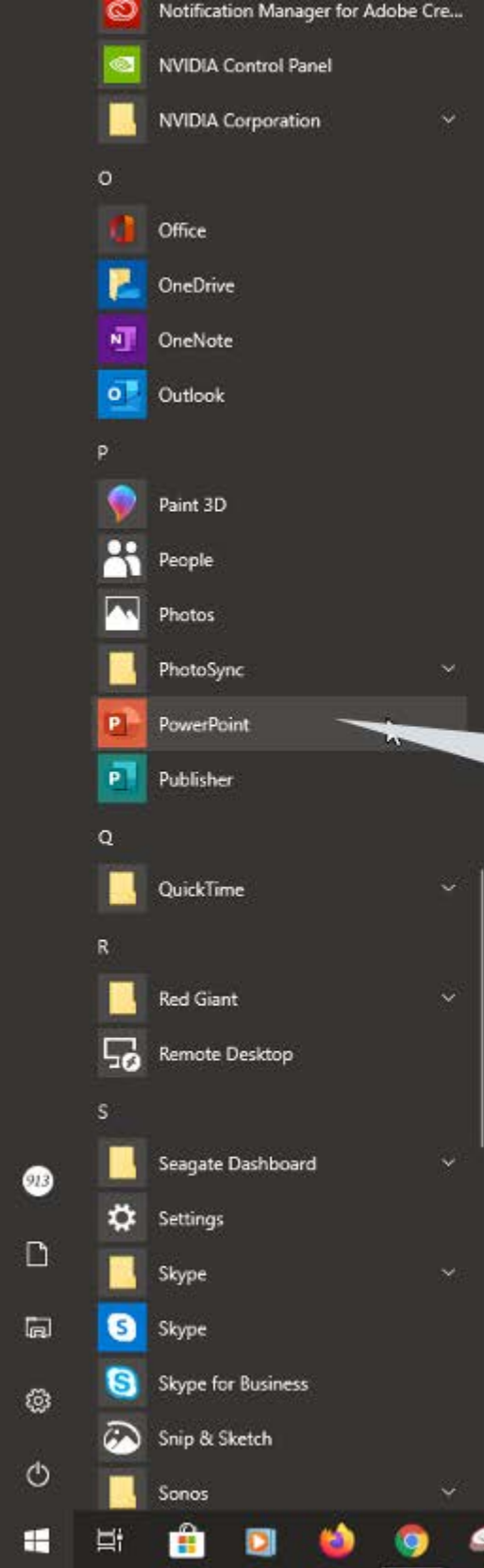
- Office
- OneDrive
- OneNote
- Outlook

P

- Paint 3D

1. start





2. Open PowerPoint



Home



New



Open

Account

Feedback

Options



Blank Presentation



Welcome to PowerP...



Bring your presentati...



Floral flourish



Urban monochrome



Earthy inspiration



Future



Search

Recent

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Name



Ecosystems.F19notes.ppt

E:

E:\Ecosystems.F19notes.ppt

3. Open ppt file

1

ECOLOGY

ECOSYSTEMS

2

**The Biotic Environment:
Trophic Levels**

3

Trophic Le

Trophic Level

4

**One Organism - Mul
Le**

ECOLOGY

ECOSYSTEMS

4. Start (again)

Click to add notes

Windows Start Menu navigation pane showing applications categorized by letter:

- T**
 - TouchCast
- U**
 - UmmyVideoDownloader
- V**
 - Video Editor
 - Voice Recorder
- W**
 - Weather
 - Windows 10 - Codec Pack
 - Windows 10 Update Assistant
 - Windows Accessories
 - Windows Administrative Tools
 - Windows DVD Player
 - Windows Ease of Access
 - Windows PowerShell
 - Windows Security
 - Windows System
 - Wise Disk Cleaner
 - Word
- X**
 - Xbox Console Companion
 - Xbox Game Bar
- Y**
 - Your Phone
 - YuJa Software Capture
 - YuJa Software Capture
- Z**
 - Zoom

Microsoft PowerPoint window titled "Ecosystems.F19notes.ppt - Compatibility Mode - Saved to this PC". The ribbon includes Animations, Slide Show, Review, View, Help, and Acrobat. The main slide area contains a large green rectangle with the text "ECOLOGY" and "ECOSYSTEMS" in a large, bold, black serif font. A light blue overlay at the bottom of the slide contains the text "5. Scroll down and open YuJa Software Capture".

ECOLOGY ECOSYSTEMS

6. Single Sign-On

Trophic Levels: Food Chains



One Organism - Multiple Trophic Levels



SOFTWARE CAPTURE AND LIVE STREAMING

Please sign in using:

Single Sign-On

Please select your institution:

Johnson County Community College

Your institution is currently using CAS.

Sign in with your institution's single sign-on.

SIGN IN

Click to add notes

ECOLOGY ECOSYSTEMS

7. Johnson County Community College

Trophic Levels: Food Chains

The diagram illustrates a food chain with five trophic levels. At the bottom is the 'Producer' (a plant). Above it is the 'Primary Consumer' (a grasshopper). The next level is the 'Secondary Consumer' (a bird). Above that is the 'Tertiary Consumer' (a hawk). At the top is the 'Quaternary Consumer' (a snake). Arrows indicate the flow of energy from the producer up to the quaternary consumer.

One Organism - Multiple Trophic Levels

The diagram shows a single organism, a rabbit, in a food web. It is shown as a primary consumer (eating plants) and a secondary consumer (being eaten by a fox). This illustrates how one organism can occupy multiple trophic levels in a complex ecosystem.

SOFTWARE CAPTURE AND LIVE STREAMING

Please sign in using:
Single Sign-On

Please select your institution:

- Johnson County Community College
- Johnson County Community College
- Kansas Independent College Association
- Kennesaw State University
- Kettering College
- Kingsborough Community College
- KU Leuven
- Kwantlen Polytechnic University
- LA Pierce
- Lake Region State College
- Lakewood Charter School
- Laramie County Community College
- Lehman College / CUNY
- Lewisville ISD
- Lincoln Trail College
- Linfield Christian School
- Little Valley School of Fine Arts
- Lone Star College
- Lumen Scholar Institute
- Madison Area Technical College

Click to add notes

ECOLOGY

ECOSYSTEMS

The Biotic Factors Trophic Levels

Trophic Levels



One Organism - Multiple Trophic Levels



8. Sign In

YuJa Software Capture

SOFTWARE CAPTURE AND LIVE STREAMING

Please sign in using:
Single Sign-On

Please select your institution:
Johnson County Community College

Your institution is currently using CAS.
Sign in with your institution's single sign-on.

SIGN IN

Click to add notes

9. Single Sign-On Login

The Biotic Environment: Trophic Levels

Trophic Levels: Food Chains



One Organism - Multiple Trophic Levels



JOHNSON COUNTY
COMMUNITY COLLEGE

JCCC Single Sign-on

Sign in with your MyJCCC username and password

Login

[Can't login, need help?](#)

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Click to add notes

ECOLOGY

ECOSYSTEMS

The Biotic Environment: Trophic Levels

Trophic Levels: Food Chains



One Organism - Multiple Trophic Levels



YuJa Software Capture

JOHNSON COUNTY COMMUNITY COLLEGE

HELP SETTINGS

Title Description

VIDEO Logitech HD Webcam C615

Video Source Logitech HD Webcam C615

ADVANCED SETTINGS

Video Source - 2

AUDIO Microphone (Samson Meteor...

SCREEN Main Screen

LIVE No

PROFILE Current

ONLINE Logged in as pmccourt1

Previewing Sources, press Start to record.

CANCEL START

10. Turn off Web-cam

Click to add notes

ECOLOGY

ECOSYSTEMS

The Biotic Environment: Trophic Levels

Trophic Levels: Food Chains



One Organism - Multiple Trophic Levels



YuJa Software Capture

JOHNSON COUNTY COMMUNITY COLLEGE

HELP SETTINGS

Title Description

VIDEO No

Video Source

Video Source - 2

AUDIO Microphone (Samson Meteor...)

SCREEN Main Screen

LIVE No

PROFILE

SCREEN

MIC SOURCE

Start to record.

CANCEL START

11. Start recording

Click to add notes

12. Minimize Yuja screen

The Biotic Environment: Trophic Levels

Trophic Levels: Food Chains



One Organism - Multiple Trophic Levels



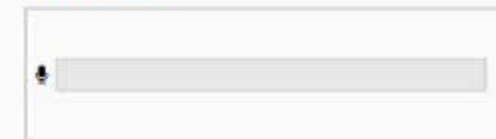
YuJa Software Capture

Minimize SETTINGS

SCREEN



MIC SOURCE

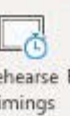


ONLINE Logged in as pmccourt1

Recording (0:00:08)

PAUSE FINISH

Click to add notes

File Home Insert Design Transitions Animations **Slide Show** Review View Help Acrobat Search☒ Play Narrations☒ Use Timings☒ Show Media Controls

Monitor:

Automatic

☒ Use Presenter View

Start Show...

13. Start slide show

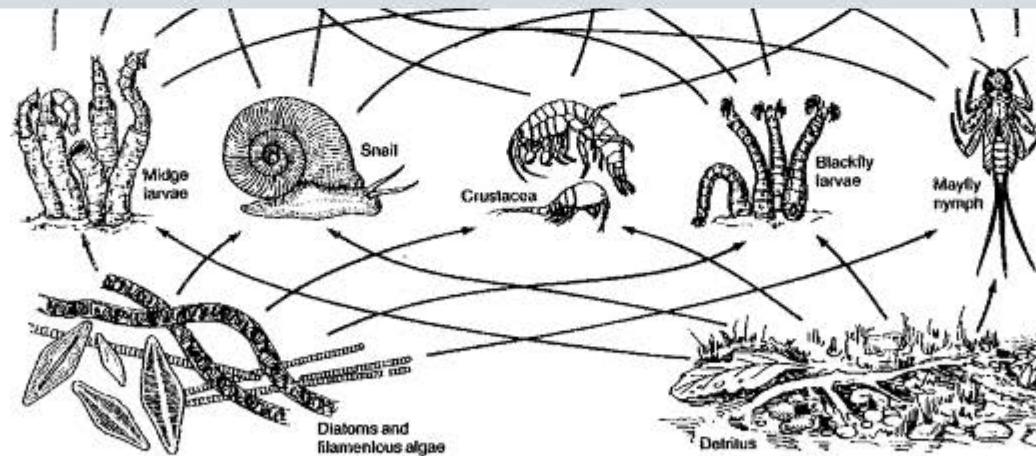
ECOLOGY**ECOSYSTEMS****The Biotic Environment:
Trophic Levels****Trophic Levels: Food Chains****One Organism - Multiple Trophic Levels****ECOLOGY****ECOSYSTEMS**

Food Web

Feeding Relationships
in a Freshwater Community



14. Talk over slides



Ecosystem Productivity

- _____ = energy per area per year ($\text{kcal} / \text{m}^2 / \text{yr}$)
- _____ Total mass (weight) of organic matter present at any point in time
 - ❖ Often express productivity in Biomass

15. After your done talking through all the slides stop the Yuja recording

Ecosystem Productivity

- _____ = energy (kcal / m² / yr)

16. Save

- _____ matter

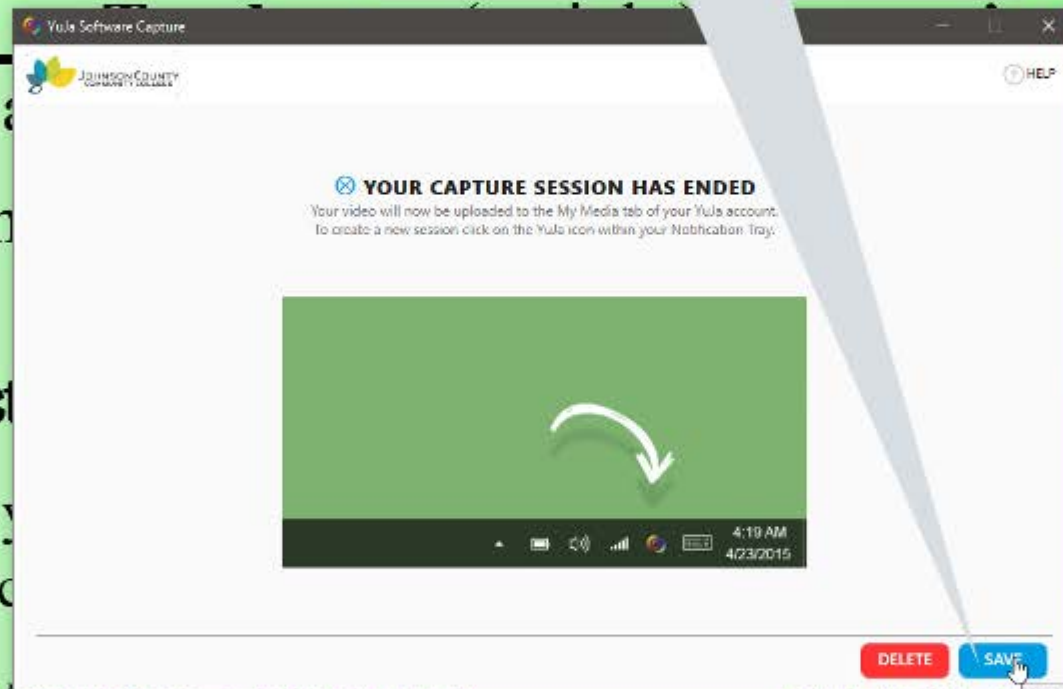
present a

❖ Often

- **Product**

❖ Every y
organic

❖ Energy stored — output of _____ nuclear p _____ ts



The End

Check for your recording in Yuja