

Logbook:

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| Rishi + Izmir | September 22, 2023 | Figuring Out Topic | N/A |
| Izmir | September 26, 2023 | General Research of eDNA | https://besjournals.onlinelibrary.wiley.com/doi/pdfdirect/10.1111/1365-2664.12306 |
| Izmir + Rishi | September 29, 2023 | Upsides and Downsides of eDNA | https://www.jstor.org/stable/43869253 |
| Izmir | October 4, 2023 | What exactly is eDNA | Status and prospects of marine NIS detection and monitoring through (e)DNA metabarcoding - ScienceDirect |
| Rishi | October 9, 2023 | Upsides and Downsides of eDNA | Environmental DNA (eDNA) U.S. Geological Survey (usgs.gov) |
| Rishi | October 11, 2023 | Downsides of eDNA | https://www.jstor.org/stable/43869253 |
| Izmir | October 20, 2023 | Who, What, When, Where and Why Questions | https://besjournals.onlinelibrary.wiley.com/doi/pdfdirect/10.1111/1365-2664.12306 |
| Izmir | October 22, 2023 | What is eDNA / comparing it to the traditional methods | https://besjournals.onlinelibrary.wiley.com/doi/pdfdirect/10.1111/1365-2664.12306 |
| Izmir + Rishi | October 24, 2023 | Preparing for Renert Selection Process | N/A |
| Izmir | October 25, 2023 | Researching | https://www.nhm.ac.uk/discover/what-is-environmental-dna-edna.html |

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| Izmir + Rishi | October 27, 2023 | Advantages of eDNA | https://www.usgs.gov/special-topics/water-science-school/science/environmental-dna-edna |
| Rishi | October 28, 2023 | What is our main goal for this project? | N/A |
| Izmir | October 29, 2023 | How to take DNA samples | https://www.worldwildlife.org/magazine/issues/summer-2022/articles/how-scientists-use-edna-to-monitor-biodiversity |
| Rishi | October 30, 2023 | Researching eDNA | https://www.researchgate.net/profile/Nigel-Yoccoz/publication/223968485_The_future_of_environmental_DNA_in_ecology/links/5b618f6caca272a2d6792ce5/The-future-of-environmental-DNA-in-ecology.pdf |
| Izmir + Rishi | November 1, 2023 | Advantages of eDNA | https://www.usgs.gov/special-topics/water-science-school/science/environmental-dna-edna |
| Rishi | November 2, 2023 | Disadvantages of eDNA | https://besjournals.onlinelibrary.wiley.com/doi/pdf/10.1111/1365-2664.12428 |
| Izmir + Rishi | November 15, 2023 | Renert Selection Process for Science Fair | N/A |
| Izmir + Rishi | November 24, 2023 | Experiment of taking eDNA | N/A |
| Izmir | November 25, 2023 | Taking notes of our experiment | N/A |

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| Izmir | November 26, 2023 | What eDNA is used for | Environmental DNA: what is it and how can it help us protect wildlife? |
| Izmir | November 28, 2023 | Composing Paragraphs on eDNA | <u>N/A</u> |
| Izmir | November 29, 2023 | Comparing eDNA to the traditional methods | https://pubmed.ncbi.nlm.nih.gov/33976849/#:~:text=The%20methods%20and%2C%20focal%20taxa,more%20species%20than%20traditional%20methods |
| Izmir | December 2, 2023 | Researching eDNA | Examining uncertainty in environmental DNA analyses in freshwater lotic systems |
| Rishi + Izmir | December 3, 2023 | Questions for our interview with expert | <u>N/A</u> |
| Rishi + Izmir | December 8, 2023 | Introduction Paragraph | <u>N/A</u> |
| Izmir | December 10, 2023 | Writing Paragraph on eDNA compared to the traditional methods | https://pubmed.ncbi.nlm.nih.gov/33976849/#:~:text=The%20methods%20and%2C%20focal%20 |
| Izmir | December 11, 2023 | Cont. Writing Paragraph | https://pubmed.ncbi.nlm.nih.gov/33976849/#:~:text=The%20methods%20and%2C%20focal%20 |
| Izmir + Rishi + Dr. Soares | December 15, 2023 | Editing questions for Jori Harrison (our expert) | <u>N/A</u> |

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| Izmir + Rishi | December 18, 2023 | Paragraph of eDNA vs Traditional Methods is Complete | https://pubmed.ncbi.nlm.nih.gov/33976849/#:~:text=The%20methods%20and%2C%20focal%20 |
| Rishi | January 9, 2024 | Researching eDNA | https://onlinelibrary.wiley.com/doi/pdf/10.1111/1755-0998.13715 |
| Rishi | January 9, 2024 | Adding more sources | https://onlinelibrary.wiley.com/doi/pdf/10.1111/1755-0998.13715 , https://onlinelibrary.wiley.com/doi/pdfdirect/10.1002/edn3.185 |
| Rishi | January 10, 2024 | Researching eDNA | https://onlinelibrary.wiley.com/doi/pdfdirect/10.1002/edn3.185 |
| Rishi | January 10, 2024 | Adding more sources | https://onlinelibrary.wiley.com/doi/pdf/10.1002/ece3.2083 , https://onlinelibrary.wiley.com/doi/pdf/10.1002/edn3.41 , https://besjournals.onlinelibrary.wiley.com/doi/pdfdirect/10.1111/1365-2664.12306 , https://besjournals.onlinelibrary.wiley.com/doi/pdf/10.1111/2041-210X.12206 |
| Izmir | January 14, 2024 | Looking at the requirements for the judging of CYSF and making a statement of most important information (Google Docs) | N/A |
| Rishi + Izmir | January 14, 2024 | Jori Harrison Interview <i>*Our Expert</i> | N/A |
| Dr. Miri + Izmir | January 15, 2024 | Editing Introduction Paragraph | N/A |

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| Izmir + Rishi | January 16, 2024 | Editing Introduction Paragraph | N/A |
| Izmir + Rishi | January 17, 2024 | Making the agarose gel for the DNA | N/A |
| Izmir | January 19, 2024 | Putting Our Notes on a docs | N/A |
| Izmir + Ms. Madison | January 22, 2024 | eDNA vs. Traditional methods editing paragraph | N/A |
| Izmir | January 22, 2024 | Paragraph Editing | N/A |
| Rishi | January 23, 2024 | Paragraph Editing | N/A |
| Izmir | January 28, 2024 | Editing Paragraphs | N/A |
| Izmir | January 29, 2024 | What is eDNA and Traditional Methods and what are they used for paragraph writing | Environmental Targets — eDNA, |
| Izmir | February 1, 2024 | In-Text Citations | N/A |
| Izmir | February 2, 2024 | What is eDNA and Traditional Methods and what are they used for paragraph writing | https://www.eDNA.ca/ |
| Rishi + Izmir | February 2, 2024 | Slideshow | N/A |
| Rishi + Ms. Madison | February 5, 2024 | Learning APA Citations | N/A |
| Rishi | February 12, 2024 | Paragraph Editing | N/A |
| Rishi + Izmir | February 12, 2024 | Slideshow | N/A |
| Izmir | February 12, 2024 | In-Text Citations | |
| Rishi | February 13, 2024 | Slideshow | N/A |
| Rishi | February 14, 2024 | Slideshow | N/A |
| Izmir | February 15, 2024 | In-Text Citations | N/A |

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| Rishi | February 16, 2024 | Slideshow | N/A |
| Izmir | February 20, 2024 | In-Text Citations | N/A |
| Rishi | February 26, 2024 | APA Citations | N/A |
| Rishi | February 26, 2024 | Slideshow | N/A |
| Rishi | February 27, 2024 | APA Citations | N/A |
| Rishi | March 1, 2024 | Slideshow | N/A |
| Ms. Madison + Izmir | March 1, 2024 | Slideshow Editing | N/A |
| Rishi | March 2, 2024 | Canva | N/A |
| Rishi + Izmir | March 8, 2024 | Slideshow | N/A |
| Rishi + Izmir | March 11, 2024 | Slideshow | N/A |
| Dr. Soares + Izmir + Rishi | March 12, 2024 | Finalizing Slideshow, Recording video | N/A |
| Dr. Soares + Izmir + Rishi | March 13, 2024 | Submitting Everything to the Platform | N/A |