

## ABSTRAK

**Dini Apriska Putri, NIM 4173341016 (2022). Analisis Pelaksanaan Pembelajaran Biologi Dalam Masa Pandemi Pada Materi Vertebrata Kelas X MIPA di SMA Negeri 1 Tebingtinggi T.P. 2020/2021.**

Permasalahan dalam penelitian ini adalah terbatasnya proses pelaksanaan pembelajaran Biologi pada siswa kelas X MIPA di SMA Negeri 1 Tebingtinggi dilaksanakan secara daring dalam masa pandemic Covid-19, hasil belajar Biologi secara daring pada materi vertebrata siswa kelas X MIPA di SMA Negeri 1 Tebingtinggi masih rendah, yakni hanya 70% yang melampaui KKM dan adanya kendala dalam pelaksanaan pembelajaran biologi secara daring dalam masa pandemi pada materi vertebrata siswa kelas X MIPA di SMA Negeri 1 Tebingtinggi. Tujuan penelitian ini adalah mendeskripsikan proses pelaksanaan dan hasil pembelajaran Biologi secara daring materi vertebrata siswa Kelas X MIPA di SMA Negeri 1 Tebingtinggi pada masa pandemi Covid-19. Metode yang digunakan dalam penelitian ini adalah deskriptif kuantitatif. Sampel penelitian yang diambil berjumlah 108 orang dari jumlah populasi sebanyak 251 orang. Penentuan sampel dilakukan secara acak atau menggunakan teknik *Random Sampling*. Teknik analisis data yang digunakan dalam penelitian adalah analisis deskriptif dengan pendekatan kuantitatif melalui bantuan aplikasi pengolah data/excel. Hasil penelitian ditemukan bahwa: (1) Proses pembelajaran Biologi materi vertebrata pada masa pandemi Covid-19 di SMA Negeri 1 Tebingtinggi dilaksanakan secara luring dan daring. Proses pembelajaran Biologi materi secara daring pada materi vertebrata dilakukan sebanyak 2 kali pertemuan melalui *whatsapp* dan *google class room*; dan (2) Hasil belajar Biologi secara daring materi vertebrata siswa/i Kelas X MIPA di SMAN 1 Tebingtinggi pada masa pandemi Covid-19 tergolong dalam kategori baik dengan perolehan persentase secara keseluruhan melebihi 60%. Hasil ini ditentukan dengan berdasarkan pada hasil kegiatan/proses belajar-mengajar Biologi secara daring pada materi vertebrata yang berlangsung selama masa pandemi Covid-19.

**Kata Kunci:** Pelaksanaan Pembelajaran Daring Biologi, Masa Pandemi Covid-19, Materi Vertebrata.



## ABSTRACT

**Dini Apriska Putri, NIM 4173341016 (2022). Analysis of the Implementation of Biology Learning in a Pandemic Period on Vertebrate Material for Class X MIPA at SMA Negeri 1 Tebingtinggi T.P. 2020/2021.**

The problem in this study is the limited implementation process of Biology learning for students of class X MIPA at SMA Negeri 1 Tebingtinggi carried out online during the Covid-19 pandemic, the results of learning Biology online on vertebrate material for class X MIPA students at SMA Negeri 1 Tebingtinggi are still low, namely, only 70% exceeded the KKM and there were obstacles in the implementation of online biology learning during the pandemic on vertebrate material for class X MIPA students at SMA Negeri 1 Tebingtinggi. The purpose of this study was to describe the implementation process and results of online Biology learning on vertebrate material for Class X MIPA students at SMA Negeri 1 Tebingtinggi during the Covid-19 pandemic. The method used in this research is descriptive quantitative. The research sample taken was 108 people from a total population of 251 people. Determination of the sample is done randomly or using the Random Sampling technique. The data analysis technique used in this research is descriptive analysis with a quantitative approach through the help of data processing applications/excel. The results of the study found that: (1) The learning process for vertebrate biology during the Covid-19 pandemic at SMA Negeri 1 Tebingtinggi was carried out offline and online. The process of learning Biology online material on vertebrate material was carried out in 2 meetings via whatsapp and google class room; and (2) the results of online Biology learning on vertebrate material for Class X MIPA students at SMAN 1 Tebingtinggi during the Covid-19 pandemic were in the good category with the overall percentage gain exceeding 60%. This result was determined based on the results of online Biology teaching and learning activities/processes on vertebrate material that took place during the Covid-19 pandemic.

**Keywords:** Biology Online Learning Implementation, Covid-19 Pandemic Period, Vertebrate Material.

