ABSTRAK

Ruth Asri Tami Raja Gukguk, NIM 4193141043 (2023). Pengaruh Model Pembelajaran *Problem Based Learning* (PBL) Terhadap Hasil Belajar Siswa SMAN 1 Pangururan Pada Materi Ekosistem T.P 2022/2023.

Penelitian ini bertujuan untuk mengetahui pengaruh model pembelajaran *Problem Based Learning* (PBL) terhadap hasil belajar siswa materi ekosistem kelas X SMA Negeri 1 Pangururan T.P 2022/2023. Metode penelitian yang digunakan adalah Quasi Eksperimen (eksperimen semu) dengan desain penelitian *Pretest-Posttest Control Group Design*, pengambilan sampel dilakukan dengan teknik *purposive sampling*. Sampel pada penelitian ini terdiri dari 2 kelas dengan jumlah siswa sebanyak 70 orang. Teknik pengumpulan data dilakukan dengan tes. Data rata-rata hasil belajar *pretest-posttest* yaitu 44 dan 75 pada kelas kontrol sedangkan pada kelas eksperimen yaitu 43 dan 83. Analisis data menggunakan *Independent Sample t-test* dengan bantuan *software SPSS* versi 27 diperoleh angka probabilitas (sig.) 0,001 < 0,05. Pengujian hipotesis ini menunjukkan bahwa model pembelajaran PBL (*Problem Based Learning*) berpengaruh terhadap hasil belajar siswa materi ekosistem kelas X SMAN 1 Pangururan. Dapat disimpulkan bahwa model pembelajaran PBL (*Problem Based Learning*) berpengaruh positif dan signifikan terhadap hasil belajar siswa materi ekosistem kelas X SMAN 1 Pangururan.

Kata kunci : *Problem Based Learning*, Hasil Belajar, Ekosistem

ABSTRACT

Ruth Asri Tami Raja Gukguk, NIM 4193141043 (2023). The Effect of the Problem Based Learning (PBL) Learning Model on Student Learning Outcomes at SMAN 1 Pangururan on Ecosystem Material T.P 2022/2023.

This study aims to determine the effect of the Problem Based Learning (PBL) learning model on student learning outcomes on ecosystem material for class X SMA Negeri 1 Pangururan T.P 2022/2023. The research method used was Quasi-Experimental (quasi-experimental) with the Pretest-Posttest Control Group Design research design, sampling was carried out using purposive sampling technique. The sample in this study consisted of 2 classes with a total of 70 students. The technique of collecting data is done by testing. The average pretest-posttest learning outcomes were 44 and 75 in the control class while in the experimental class were 43 and 83. Data analysis using the Independent Sample t-test with the help of SPSS version 27 software obtained a probability number (sig.) $0.001 < 0.05$. Testing this hypothesis shows that the PBL (Problem Based Learning) learning model has an effect on student learning outcomes for class X ecosystem material at SMAN 1 Pangururan. It can be concluded that the PBL (Problem Based Learning) learning model has a positive and significant effect on student learning outcomes for class X SMAN 1 Pangururan ecosystem material.

Keywords: Problem Based Learning, Learning Outcomes, Ecosystem