

ABSTRAK

DIAN IDA LESTARI : Studi Kompetensi Guru Biologi Lulusan Program Studi Pendidikan Biologi Universitas Negeri Yogyakarta Berdasarkan Kerangka Kualifikasi Nasional Indonesia (KKNI) Level Enam. **Tesis. Yogyakarta : Program Pascasarjana, Universitas Negeri Yogyakarta, 2013.**

Penelitian ini bertujuan untuk mengetahui ketercapaian kompetensi guru biologi lulusan Program Studi Pendidikan Biologi FMIPA UNY terhadap KKNI level enam, kelebihan dan kekurangan kompetensinya berdasarkan KKNI level enam, dan program atau pelatihan yang diperlukan guru biologi untuk menjadi guru profesional yang mencapai KKNI level tujuh.

Penelitian ini termasuk jenis penelitian survei. Penelitian ini dilakukan di SMP/MTs dan SMA/MA/SMK di Provinsi Daerah Istimewa Yogyakarta dan Jawa Tengah khususnya di Kabupaten Magelang dan Klaten. Subjek penelitian adalah 17 guru biologi, 17 kepala sekolah, 34 guru sejawat, dan 340 peserta didik yang ditentukan dengan teknik *purposive sampling*. Data dikumpulkan melalui angket, observasi, dokumentasi, dan wawancara. Validitas dan reliabilitas instrumen dianalisis dengan *Alpha Chronbach program SPSS 16* menunjukkan bahwa instrumen valid dan reliabel dengan nilai koefisien *alpha* 0,89. Data yang diperoleh dianalisis dengan teknik analisis deskriptif kuantitatif dan deskriptif kualitatif.

Hasil penelitian menunjukkan bahwa (1) secara umum kompetensi guru biologi lulusan Program Studi Pendidikan Biologi FMIPA UNY sudah mencapai KKNI level enam dengan kriteria cukup untuk deskriptor pertama dan kriteria baik untuk deskriptor kedua, ketiga, dan keempat, (2) kelebihan kompetensi guru biologi berdasarkan KKNI level enam yakni mampu memanfaatkan *ICT* dalam pembelajaran, mampu menggunakan peralatan laboratorium/kit pembelajaran, memiliki kompetensi profesional dan pedagogik yang baik, menguasai bimbingan konseling dalam pembelajaran biologi, serta memiliki kompetensi sebagai guru biologi, kepribadian, dan sosial yang baik, sedangkan kekurangan kompetensi guru biologi yakni pada kemampuan menciptakan alat sederhana untuk kelancaran pembelajaran dan kemampuan menerapkan penelitian pendidikan dalam pembelajaran, dan (3) program atau pelatihan yang diperlukan guru biologi untuk menjadi guru profesional yang mencapai KKNI level tujuh adalah manajemen sekolah, *workshop* problematika kurikulum dan pembelajaran biologi di sekolah, serta proyek penelitian berbasis permasalahan di sekolah.

Kata kunci: *kompetensi, guru biologi, KKNI level enam*

ABSTRACT

DIAN IDA LESTARI: *A Study of Competency of Biology Teachers Graduated from Biology Education Program at Yogyakarta State University Based on Indonesian Qualifications Framework (IQF) Level Six.* Thesis. Yogyakarta : Graduate School, Yogyakarta State University, 2013.

The aim of this research was to find out the achievement of competency of biology teachers who graduated from Biology Education Program at Yogyakarta State University to IQF level six, strengths and weaknesses of competency based on IQF level six, and programs or trainings that were required by biology teachers to become professional teachers who reached IQF level seven.

This is survey research conducted in the SMP / MTs and SMA / MA / SMK in Yogyakarta Province and Magelang and Klaten Regency. The subjects were 17 biology teachers, 17 principals, 34 peer teachers, and 340 students determined by the purposive sampling technique. The data were collected through questionnaires, observation, documentation, and interviews. The validity and reliability of the instrument established using *SPSS 16 Alpha Chronbach* show that the instrument were valid and reliable with alpha coefficient of 0.89. The data were analyzed with descriptive quantitative and qualitative descriptive techniques.

The results show that (1) the general competency of biology teachers who graduated from Biology Education Program at Yogyakarta State University already reached IQF level six with a enough criterion for first descriptor and good criterion for second, third, and fourth descriptor (2) the strengths of competency of biology teachers based on the IQF level six are that they are able to utilize ICT in learning, use laboratory equipment /kit of learning, have professional competence and good pedagogy, master guidance counseling in teaching biology, and have competency as teachers of biology, personality, and good social competence, while weaknesses of the biology teacher are that they cannot create simple tools or exploit local potential for smooth learning and they cannot apply educational research in learning, and (3) the program or training necessary for biology teachers to become professional teachers who reach IQF level seven are school management, workshop of curriculum and biological learning problems in school, and research project based on school problems .

Keywords: *competency, biology teacher, IQF Level six*