

DAFTAR PUSTAKA

- Abbas, E.W. (1984). *Evolusi Manusia dan Kotisepsi Islam*. Bandung: Risalah
- Afidah, M. (2014). Identifikasi pola miskonsepsi mahasiswa pada konsep mekanisme evolusi menggunakan certainty of response index (CRI). *Jurnal Unilak*. 1(1).
- Allan, G. (2010). Molecular Genetic Techniques and Markers for Ecological Research. [Online]. Tersedia: <https://www.nature.com/scitable/knowledge/library/molecular-genetic-techniques-and-markers-for-ecological-15785936>. (5 Maret 2017)
- Anderson, L. W., Krathwohl, D. R., Airasian, P., Cruikshank, K., Mayer, R., Pintrich, P., & Wittrock, M. (2011). A taxonomy for learning, teaching and assessing: A revision of Bloom's taxonomy. *New York. Longman Publishing*. Artz, AF, & Armour-Thomas, E.(1992). *Development of a cognitive-metacognitive framework for protocol analysis of mathematical problem solving in small groups*. *Cognition and Instruction*, 9(2), 137-175.
- Arikunto, S. (2010). *Prosedur Penelitian suatu Pendekatan Praktik*. (Edisi: revisi). Jakarta: Rhineka Cipta.
- Azizah, Y. (2012). *Perubahan koseptual siswa sma kelas XII pada konsep evolusi melalui strategi konflik kognitif*. (Skripsi). Universitas Pendidikan Indonesia, Bandung
- Baum, D. A., Smith, S. D., & Donovan, S. S. (2005). Evolution the tree thinking challenge. *Science*, 310, 979–980.
- Baum, D. A., & Smith, S. D. (2013). *Tree thinking: an introduction to phylogenetic biology*. Greenwood Village: Roberts and Company Publishers.
- Baum D.A, & Offner S. (2008). Phylogenies and tree-thinking. *Am Biol Teach*. (70), 222–9.
- Campbell, N.A. & Reece, J.B. (2008) *Biologi*. Edisi Kelima Jilid 2 Jakarta: Penerbit Erlangga.
- Dahar, R.W. (1996). *Teori-Teori Belajar*. Bandung: Erlangga.
- Danowitz. (2015). The evolution of giraffe neck vertebrae. [Online]. Tersedia: <http://phenomena.nationalgeographic.com/2015/10/07/how-giraffes-became-winners-by-a-neck/>. (25 Februari 2017).
- De Baz, T., & El-Weher, M. (2012). The effect of contextual material on evolution in the Jordanian secondary-school curriculum on students' acceptance of the theory of evolution. *Journal of Biological Education*, 46(1), 20-28.

- Dharmayanthi, Indi. (2011). Filogenetika molekuler: metode taksonomi organisme berdasarkan sejarah evolusi. *Wartazoa*, 21(1).
- Donovan, S. (2005). Tree thinking and reasoning about change over deep time. *Evolutionary Science and Society: Educating*, 87.
- Ferdinand, P. & Ariebowo, M. (2009) Praktis Belajar Biologi 1 untuk Kelas X Sekolah Menengah Atas/Madrasah Aliyah. Jakarta: Pusat Perbukuan, Kementerian Pendidikan Nasional
- Gibson, P. & Marielle, H. (2010). A tree-thinking approach in introductory biology. *Evolution: Education and Outreach* 9 (15), 1-17.
- Gibson P. dan Hoefnagels. (2015) Correlations between tree thinking and acceptance of evolution in introductory biology students. *Evolution: Education and Outreach* 8 (15), 1-17.
- Gregory, T. R., & Ellis, C. A. J. (2009). Conceptions of evolution among science graduate students. *BioScience*, 59, 792–799. doi:10.1525/bio.2009.59.9.10
- Ha, M., Haury, D. L., & Nehm, R. H. (2012). Feeling of certainty: Uncovering a missing link between knowledge and acceptance of evolution. *Journal of Research in Science Teaching*, 49(1), 95-121.
- Hake, R. (1999). Analyzing Change/Gain Scores. [Online]. Tersedia: <http://www.physics.indiana.edu/~sdi/AnalyzingChange-Gain.pdf>. (30 Juni 2017)
- Hassan, M., Ferial, W., Soekendarsi, E. (2014) *Pengantar Biologi Evolusi*. Jakarta: Erlangga.
- Henuhili, V., Mariyam S., Sudjoko, dan Rahayu. (2012). *Evolusi*. Yogyakarta: Jurusan Pendidikan Biologi FMIPA UNY.
- Hermawanto. (2013). Pengaruh *blended learning* terhadap penguasaan konsep dan penalaran fisika peserta didik kelas X. *Jurnal Pendidikan Fisika Indonesia*, 9 (2013) 67-76
- Hoque, R., Jin, S., Heo, K., Kang, B. (2013). Investigation of MC1R SNPs and their relationships with plumage colors in korean native chicken. *Asian-Australasian Journal of Animal Sciences (AJAS)*; 26(5): 625-629.
- Ingram, E. & Nelson, C. E. 2006. Relationship between achievement and students' acceptance of evolution or creation in an upper-level evolution course. *Journal of Research in Science Teaching*, 43(1): 7–24.
- Kettewell. (1973). *Biston betularia*. [Online]. Tersedia: <http://web.nmsu.edu/~wboeckle/biston.html>. (26 Februari 2017)
- Luthfi, M. J., & Khusnuryani, A. (2005). Agama dan evolusi: konflik atau kompromi?. *Associates*, 2.
- Nelson, C. E. (2007). Teaching evolution effectively: A central dilemma and alternative strategies. *McGill Journal of Education*, 42(2): 265–283.

- Novick, LR, & Catley, KM. (2007). Understanding phylogenies in biology: The influence of a Gestalt perceptual principle. *Journal of Experimental Psychology: Applied*, 13(4), 197–223.
- Moore, R., Brooks, D. C., & Cotner, S. (2011). The relation of high school biology courses and students' religiownus beliefs to college students' knowledge of evolution. *American Biology Teacher*, 73, 222–226.
- O'Hara, Robert J. (1997). Population thinking and tree thinking in systematics. *Zoologica Scripta* 26(4): 323–329.
- Padian, K, & Angielczyk, KD. (2007). "Transitional" forms versus transitional features. In AJ Petto & LR Godfrey (Eds.), *Scientists Confront Intelligent Design and Creationism* (pp. 197–230). New York, NY: Norton.
- Purwanto, N. (2011). *Prinsip-prinsip dan Teknik Evaluasi Pengajaran*. Bandung: Remaja Rosdakarya.
- Putri, A. (2016) *Identifikasi tingkat penerimaan siswa SMA dan Madrasah Aliyah terhadap teori evolusi*. (Skripsi). Universitas Pendidikan Indonesia, Bandung.
- Ramirez. (2015). *Horse Evolution*. [Online]. Tersedia: <https://www.quora.com/What-is-the-clearest-and-most-complete-example-of-a-sequential-evolutionary-chain>. (24 Februari 2017)
- Riduwan. 2010. Skala Pengukuran Variabel-Variabel Penelitian. Alfabeta : Bandung
- Rustaman. N.Y., (2005). *Strategi Belajar Mengajar Biologi*. Bandung: Jurusan Pendidikan Biologi FPMIPA UPI.
- Rutledge, M. L., & Sadler, K. C. (2007). Reliability of the measure of acceptance of the theory of evolution (MATE) instrument with university students. *The American Biology Teacher*, 69(6), 332-335.
- Rutledge, M. L., & Warden, M. A. (1999). The development and validation of the measure of acceptance of the theory of evolution instrument. *School Science and Mathematics*, 99(1), 13-18.
- Sandvik, Halverson, K. (2010). Tree thinking cannot be taken for granted: challenges for teaching phylogenetics. *Theory Biosci* (127),45–51.
- Sembiring, L.& Sudjino. (2009). *Biologi*. Jakarta: Pusat Pembukuan Departemen Pendidikan Nasional (BSE)
- Sudargo, F. & Syulasmi, A. (2011). *Evolusi*. Bandung: Jurusan Pendidikan Biologi FPMIPA UPI.
- Sudesti, R. (2013). *Penerapan pembelajaran berbass praktikum untuk meningkatkan penguasaan konsep dan keterampilan proses sains siswa SMP*. (Skripsi). Universitas Pendidikan Indonesia.

- Sudjana. (2010). *Dasar-dasar Proses Belajar*. Sinar Baru: Bandung
- Suwarto. (2013). *Pengembangan Tes Diagnostik dalam Pembelajaran*. Yogyakarta: Pustaka Pelajar.
- Tapillow, F. & Simbolon, E. (2015). Pengaruh pembelajaran berbasis masalah dan pembelajaran kontekstual terhadap berpikir kritis siswa SMP. *Edusains*, VII (1), 97-104
- Tate, K. (2015). Here's How the Giraffe Got Its Long Neck (Infographic). [Online]. Tersedia: <https://www.livescience.com/52405-here-s-how-the-giraffe-got-its-long-neck-infographic.html>. (5 Maret 2017)
- Taufikurrahman. (2001). *Keruntuhan Teori Evolusi*. Bandung: Dzikra
- Tidon, R & Lewontin, R.C. (2004). Teaching evolutionary biology. *Genetic and Molecular Biology*. 27.(1):124-131
- Widodo, A. (2006). Taksonomi Bloom dan pengembangan butir soal. *Buletin Puspendik*, 3(2), 18-29.
- Wiles, J. R., & Alters, B. (2011). Effects of an educational experience incorporating an inventory of factors potentially influencing student acceptance of biological evolution. *International Journal of Science Education*, 33(18), 2559-2585.