

DAFTAR PUSTAKA

- [1] T. Swanston, "*Element Localization In Archaeological Bone Using Synchrotron Radiation X-Ray Fluorescence Identification Of Biogenic Uptake,*" Journal Of Archaeological Science, Vol. 3, Pp. 1-5, 2012.
- [2] D. A. Siregar, "*Perbedaan Penentuan Umur Fasa Cair Dan Fasa Gas Terhadap Beberapa Jenis Sampel Dari Jawa Barat Dengan Metode Radiokarbon,*" Pusat Survei Geologi, Pp. 1-20, 2014.
- [3] G. Falkenberg, "*Synchrotron Xrf Analyses Of Element Distribution In Fossilized Sauropod Dinosaur Bones,*" Archaeological Science, Pp. 120-128, 2009.
- [4] R. Ferreyro, "*Determination Of The Element Distribution In Sauropod Long Bones By Micro-Xrf,*" JCPDS, Pp. 230-235, 2006.
- [5] S. Launter Dan E. W. & J. Fromm, "*The Effect Of Calcium Nutrition On Wood Formation In Polar,*" NCBI, Vol. 2, No. 4, Pp. 743-752, 2007.
- [6] D. A. Siregar, "*Perbedaan Proses Pencucian Sampel Tulang Hewan Dari Ciharuman Jawa Barat Untuk Menentukan Umur Dengan Metode Radiokarbon,*" Jurnal Geoaplika, Vol. 3, No. 3, Pp. 119-131, 2008.
- [7] A. Dickinson, "*Benefits Of Calcium And Vitamin D: Building And Maintaining Healthy Bones,*" Council For Responsible Nutrition, Pp. 1-10, 2002.
- [8] C. Palacios, "*The Role Of Nutrients In Bone Health From A To Z,*" Food Science And Nutrition, Vol. 46, Pp. 621-627, 2006.
- [9] S. L. & J. Fromm, "*Calcium-Dependent Physiological Processes In Trees,*" Plant Biology, Vol. 2, Pp. 268-274, 2010.
- [10] E. Y. & N. W. Yuwono, "*Peran Silikon Sebagai Unsur Bermanfaat Pada Tanaman Tebu,*" Jurnal Ilmu Tanah Dan Lingkungan, Vol. 7, No. 2, Pp. 103-116, 2007.
- [11] U. Bergmann, R. W. Morton Dan P. L. Manning, "*Archaeopteryx Feathers And Bone Chemistry Fully Revealed Via Synchrotron Imaging,*" PNAS, Vol. 107, No. 20, Pp. 9060-9065, 2010.
- [12] L. M. Dewi, "*Penelitian Fosil Kayu Status Dan Prospeknya Di Indonesia,*" Litbang Anatomi Kayu Indonesia, Pp. 1-8, 2 November 2014.
- [13] K. Carpenter, "*How To Make A Fossil: Part 1 – Fossilizing Bone,*" The Journal Of Paleontological Sciences, Vol. 1, No. 7, Pp. 1-10, 2001.
- [14] J. Lucy E. Edwards And John Pojeta, *Fossils, Rock And Time*, USA: Government Printing Office , 1993.
- [15] K. Carpenter, "*How To Make A Fossil: Part 2 – Dinosaur Mummies,*" The Journal of Paleontological Science, Vol. 2, No. 7, Pp. 1-23, 2001.

- [16] B. H. Breithaupt, *The Use of Fossils In Interpreting Past Environments*, Department of Geology And Geophysics : University Of Wyoming , 1992.
- [17] C. Lorenzo, M. Navazo Dan J. C. Díez, “*New Human Fossil To The Last Neanderthals In Central Spain (Jarama VI, Valdesotos, Guadalajara, Spain)*,” *Journal of Human Evolution*, Vol. 6, Pp. 720-725, 2012.
- [18] N. Booncha, P. J. Grote Dan P. Jintasakul, “*Paleontological Parks And Museums And Prominent Fossil Sites In Thailand And Their Importance In The Conservation of Fossils*,” *Carnets De Géologie*, Vol. 3, No. 7, Pp. 75-95, 2009.
- [19] P. D. Gingerich, “*Primate Evolution: Evidence From The Fossil Record, Comparative Morphology, And Molecular Biology*,” *Yearbook Of Physical Anthropology* , Vol. 24, Pp. 57-72, 1984.
- [20] C. L. Belekubun, “*Fosil*,” Pp. 1-6, 14 Februari 2015.
- [21] C. C. L. A. G. J. Eble, *The Fossil Record of Insect*, Washington DC : Witwatersrand University Press, 2008.
- [22] S. Nugraha, “*Lingkungan Pengendapan Fosil*,” *Jurnal Sangiran*, No. 1, Pp. 21-27, 2012.
- [23] Prothero, *Bringing Fossils To Life*, The Mcgraw -Hill Companies, 2004.
- [24] A. Oktaviani, “*Geologi*,” *Lembaga Pelatihan OSN*, Pp. 1-52, 2 Maret 2015.
- [25] T. O. Connor, *The Archaeology Of Animal Bones*, Sutton Publishing Limited, 2000.
- [26] J. B. A. D. Brothwell, *Animal Diseases In Archaeology*, London: Academic Press, 1980.
- [27] K. Greene, *Archaeology An Introduction*, Taylor And Francis Group, 2003.
- [28] I. Sihombing, S. Wangko Dan S. Kalangi, “*Peran Estrogen Pada Remodeling Tulang*,” *Jurnal Biomedik*, Vol. 4, No. 3, Pp. 77-87, 2012.
- [29] D. Z. Herman, “*Tipe Fosilisasi Elephas Hysudrindicus Dari Blora Berdasarkan Analisis Petrografi Dan Scanning Electron Mikroskopis*,” *Jurnal Geologi Indonesia*, Vol. 6, No. 2, Pp. 75-78, 2011.
- [30] D. K. Pratiwi, *Dinamika Sel Darah Putih Pada Domba Lokal Yang Diimplantasi Material Tulang Hidroksiapatit-Trikalsium Fosfat (Ha-Tkf) Dan HidroksiapatitKitosan (HA-KITOSAN)*, Bogor: Insitut Pertanian Bogor, 2011.
- [31] M. Nurmawati, *Analisis Derajat Kristalinitas, Ukuran Kristal Dan Bentuk Partikel Mineral Tulang Manusia Berdasarkan Variasi Umur Dan Jenis Tulang*, Bogor: Insitut Pertanian Bogor, 2007.
- [32] G. P. B. A. J. Thomas, “*Compositional, Infrared, And X-Ray Analysis of Fossil Bone*,” *The American Mineralogist*, Vol. 53, Pp. 445-454, 1968.

- [33] Arizona, "*Fossil Trees or Petrified Wood*," Fossil Tree Trunk, Pp. 1-9, 14 Februari 2015.
- [34] R. Batubara, "*Kayu Dalam Kehidupan Manusia*," Universitas Sumatera Utara, Pp. 16, 12 Desember 2014.
- [35] N. H. Suneson, "*Petrified Wood In Oklahoma*," The Journal of Th Oklahoma, Vol. 60, No. 6, Pp. 259-274, 2010.
- [36] A. Sunyata, "*Sifat Kimia Huru Kuning*," Universitas Pertanian Bogor, No. 1, Pp. 19, 4 12 2014.
- [37] B. A. Istiqlal, D. Suherman Dan N. M. Suartini, "*Distribusi Horizontal Moluska Di Kawasan Padang Lamun Pantai Merta Segara Sanur Denpasar*," Jurnal Biologi, Vol. XVI, No. 1, Pp. 10-14, 2013.
- [38] F. Y. Bahri, *Keanekaragaman Dan Kepadatan Komunitas Moluska Di Perairan Sebelah Utara Danau Maninjau*, Bogor: Institut Pertanian Bogor, 2006.
- [39] H. A. Willian, A. Aziz Dan I. Aswandy, "*Komunitas Molusaka Di Perairan Teluk Gilimanuk Bali Barat*," Oseanologi Dan Limnologi Di Indonesia, No. 40, Pp. 53-64, 2006.
- [40] W. Suci, W. R. Melani Dan T. S. Raza'i, "*Struktur Komunitas Moluska Bentik Berbasis TDS (Padatan Terlarut) Dan TSS (Padatan Tersuspensi) Dipesisir Perairan Sungai Kawal Kabupaten Bintan*," Study Programme Aquatic Resources Management, Pp. 1-10, 2012.
- [41] R. Sirante, "*Studi Struktur Komunitas Gastropoda Di Lingkungan Perairan Kawasan Mangrove Kelurahan Kappa Dan Desa Tongke-Tongke Kabupaten Sinjai*," Pp. 1-12, 2011.
- [42] B. Hendra, H. Zikriyani Dan I. Komalasari, "*Preferensi Habitat Kaitannya Terhadap Struktur Komunitas Gastropoda Di Pantai Sekitar Taman Nasional Alas Purwo Kecamatan Tegaldlimo Dan Kecamatan Purwoharjo, Kabupaten Banyuwangi, Jawa Timur*," Jurnal Penelitian, Pp. 1-13, 2012.
- [43] Insafitri, "*Keanekaragaman, Keseragaman, Dan Dominasi Bivalvia Di Area Buangan Lumpur Lapindo Muara Sungai Porong*," Jurnal Kelautan, Vol. III, No. 1, Pp. 54-559, 2010.
- [44] B. P. D. Pengembangan, *Studi Pemanfaatan Batu Gamping Di Kabupaten Tapanuli Selatan*, Medan: Pemerintah Provinsi Sumatera Utara, 2011.
- [45] H. D. F. Maskuri, "*Pemanfaatan Batugamping Untuk Bahan Baku Marmer Sintesis Di Daerah Ponjong Gunung Kidul Daerah Istimewa Yogyakarta*," Seminar Nasional Kebumihan, Pp. 28-42, 2011.
- [46] T. Djuhariningrum, "*Penentuan Kalsit Dan Dolomit Secara Kimia Dalam Batu Gamping Dari Madura*," Kumpulan Laporan Hasil Penelitian Tahun 2004, Vol. 2, No. 5, Pp. 332-344, 2004.

- [47] A. L. Boskey, "Mineralization of Bones And Teeth," *Elements*, Vol. 3, P. 387–393, 2007.
- [48] K. L. Rasmussen, L. Skytte, C. Pilekaer Dan A. Lauritsen, "The Distribution of Mercury And Other Trace Elements In The Bones Of Two Human Individuals From Medieval Denmark - The Chemical Life History Hypothesis," *Heritage Science*, Vol. 1, Pp. 1-13, 2013.
- [49] M. P. A. F. Ruiz, "Mineralogical Assemblages, Geochemistry And Fossil Associations Of Pleistocene–Holocene Complex Siliciclastic Deposits From The Southwestern Doñana National Park (SW Spain): A Palaeoenvironmental Approach," *Sedimentary Geology*, Vol. 225, Pp. 1-18, 2010.
- [50] E. Trihapsari, *Faktor-Faktor Yang Berhubungan Dengan Densitas Mineral Tulang Wanita Lebih Dari 45 Tahun Di Departemen Pendidikan Nasional*, Depok: Universitas Indonesia, 2009, P. 24.
- [51] E. Sibuea, *Pengetahuan, Sikap, Dan Tindakan Mahasiswi Usu Terhadap Pemenuhan Kecukupan Kalsium Harian*, Medan: Usu, 2010.
- [52] C. Y. & S. Darningsih, "Hubungan Kalsium Dengan Ricketsia, Osteomalacia dan Osteoarthritis," Pp. 1-28, 24 Januari 2015.
- [53] Muliani, "Olahraga Meningkatkan Mekanisme Absorpsi Kalsium," *Jurnal Iliah Kedokteran*, Vol. 43, No. 2, Pp. 103-107, 2012.
- [54] H. E. Theobald, "Dietary Calcium And Health," *British Nutrition Foundation*, No. 30, Pp. 237-277, 2005.
- [55] M. Nur, *Pengaruh Suplementasi Fe Terhadap Kadar Haemoglobin dan Prestasi Belajar Anak Sekolah Dasar Di Kecamatan Peukan Baro Kabupaten Pidie Nanggroe Aceh Darussalam*, Medan: pmatera Utara, 2010.
- [56] A. D. D. Ardilla, *Prosiding Semirata FMIPA Universitas Lampung*, Pp. 17-22, 2013.
- [57] N. F. Panggabean, *Perbandingan Kadar Serum Feritin Pada Pendoron Reguler Dengan Bukan Pendoron*, Medan: Universitas Sumatera Utara, 2013.
- [58] Z. Trianjaya, *Penentuan Kadar Besi Pada Soft Water Secara Spektrofotometri PT Coca Cola Bottling Indonesia*, Medan: Universitas Sumatera Utara, 2009.
- [59] W. Aditya, *Analisa Pengaruh Variasi Pembebanan Terhadap Laju Keausan Bahan Alumunium Serkap Dan Al-Si Dengan Menggunakan Alat Uji Keausan Tipe Pin On Disk*, Medan: Universitas Sumatera Utara, 2011.
- [60] R. Zeyen, "Silicon In Plant Cell Defense," *Second Silicon In Agriculture Conference*, Vol. 2, No. 11, Pp. 15-21, 2002.
- [61] A. Makarim, "Silikon Hara Penting Pada Sistem Produksi Padi," *Iptek Tanaman Pangan*, Vol. 2, No. 2, Pp. 195-204, 2007.
- [62] A. S. Budi, "Analisa Dengan XRF," *Karakterisasi Material*, Pp. 36-39, 28 Januari 2015.

- [63] M. Pollard, C. Batt Dan B. Stern, *Analytical Chemistry In Archaeology*, New York: Cambridge University Press, 2006.
- [64] M. I. Akbar, *Penentuan Kadar Pengotor Dalam Kokas Secara X-Ray Fluorescence Di Pt Inalum*, Medan: Universitas Sumatera Utara, 2008.
- [65] C. R. Mitchell, *Biologi Edisi Kelima Jilid 2*, Jakarta: Erlangga, 2003.
- [66] M. P. C. & F. Modugno, *Organic Mass Spectrometry In Art And Archaeology*, Universitas Degli: Jhon Wiley & Sons, , 2009.
- [67] A. Suci, Y. Deawati Dan D. A. Siregar, "Pembuatan Standar Modern Karbon Gula Pasir Indonesia Untuk Menentukan Umur Fosil Kayu Dan Moluska Menggunakan Metode Radiokarbon," *BATAN Bandung*, Pp. 1-10, 2013.
- [68] R. E. Taylor, *Radiocarbon Dating An Archaeology Perspective*, California: Academic Press, 1987.
- [69] R. E. Taylor, *Radiocarbon After Four Decades An Interdisciplinary Perspective*, New York: Science + Business Media , 1992.
- [70] R. T. Murwani, *Penentuan Umur Lempung Dari Tapanuli Selatan Dengan Menggunakan Beberapa Metode Pentarikan Radiokarbon Pusat Penelitian dan Pengembangan Geologi*, Bandung: Universitas Pendidikan Indonesia, 2004.
- [71] D. Elder, "Determination Of The ^{14}C Content In Fuels Containing Bioethanol And Orther Biogenic Materials With Liquid Scintillation Counting," *Perkinelmer*, No. 43, Pp. 1-11, 2007.
- [72] M.-S. D. Center, "Carbon Dating," *Brsp-15*, Pp. 1-9, Senin Agustus 2014.
- [73] D. A. Siregar, "Perbedaan Penentuan Umur Fasa Cair Dan Fasa Gas Terhadap Beberapa Jenis Sampel Dari Jawa Barat Dengan Metoda Radiokarbon," *Jurnal Geoaplika*, Pp. 1-20, 2014.
- [74] K. H, "University Of Tokyo Radiocarbon Measurements V," *Radiocarbon*, Vol. 16, No. 3, Pp. 381-387, 1974.
- [75] K. G, "Radiation Detection Measurement United States Of America," *John Wiley & Sons*, 2000.
- [76] D. A. Skoog, *Principels Of Instrumental Analysis*, USA: Sounder College Publishing, 1985.
- [77] G. Suhariyono, "Analisis Karakteristik Unsur-Unsur Dalam Tanah Diberbagai Lokasi Dengan Menggunakan XRF," *Puslitbang Teknologi Maju-BATAN*, Vol. 1, Pp. 197-206, 2005.
- [78] N. Chitraningrum, *Sifat Mekanik dan Termal Pada Bahan Nanokomposit Epoxy - Clay Tapanuli*, Depok: Universitas Indonesia, 2008.
- [79] Doyahudin, *Pertumbuhan Kristal Hydroxyapatite Dalam Medium SBF (Synthetic Body Fluids) dan Dipengaruhi Oleh Medan Listrik*, Depok: Universitas Indonesia, 2008.