

## List of Articles referring to the Ogasawara Plateau

### 0. Articles relating to origin of the name of "the Ogasawara Plateau"

Authors	Year	Title	Journal
Tayama, R.	1952	On "Depth Curve Chart of Adjacent Seas of Japan"	Hydrographic Bulletin 32, 160-167
Ishio, N.	1975	On the names agreed upon by the 5th and 6th Conferences on Names of Ocean Bottom Features	Hydrographic Bulletin 96, 71-75

### 1. Articles where "the Ogasawara Plateau" is used

#### 1-1 Articles where "the Ogasawara Plateau" is used for the entire feature

Authors	Year	Title	Journal
Konishi, K.	1984	Cretaceous reefal fossils dredged from two seamounts of the Ogasawara Plateau	In Preliminary Report of the Hakuho Maru Cruise KH84-1, edited by Kobayashi, K., Ocean Research Institute, University of Tokyo
Nakanishi, M., Tamaki, K., Kobayashi, K.	1989	Mesozoic magnetic anomaly lineations and seafloor spreading history of the Northwestern Pacific	Journal of Geophysical Research 94, 15437-15462
Horine, R.L., Moore, G.F., Taylor, B.	1990	Structure of the outer Izu-Bonin forearc from seismic-reflection and gravity modeling	Fryer, P., Pearce, J.A., Stokking, L.B., et al., Proceedings of the Ocean Drilling Program, Initial Reports 125, 81-94
Fryer, P.	1992	A synthesis of Leg125 drilling of serpentine seamounts on the Mariana and Izu-Bonin forearcs	Fryer, P., Pearce, J.A., Stokking, L.B., et al., Proceedings of the Ocean Drilling Program, Scientific Results 125, 593-614
Nakanishi, M.	1993	Topographic Expression of Five Fracture Zones in the Northwestern Pacific Ocean	Geophysical Monograph 77, AGU, 121-136
Maekawa, H., Shozui, M., Ishii, T., Fryer, P., Pearce, J.A.	1993	Blueschist metamorphism in an active subduction zone	Nature 364, 520-523
Fryer, P.	1995	Geology of the Mariana Trough	In Backarc basins: tectonics and magmatism edited by B. Taylor, New York, Plenum Press, 237-279
Kasuga, S., Shimotori, F. and Members of Continental Shelf Surveys Office	1995	Geomorphology and tectonics of the Ogasawara Plateau and its surrounding area in the Northwest Pacific Basin	Report of Hydrographic Researches 31, 23-44
Fryer, P., Mottl, M., Johnson, L., Haggerty, J., Phipps, S., Maekawa, H.	1996	Serpentine bodies in the forearcs of Western Pacific convergent margins: Origin and associated fluids	Active Margins and Marginal Basins, AGU geophysical monograph 88, 259-279
Fryer, P.	1996	Evolution of the Mariana convergent plate margin system	Reviews of Geophysics 34, 89-125

Scholz, C.H., Small, C.	1997	The effect of seamount subduction on seismic coupling	Geology 25, 487-490
Stern, R.J., Smoot, N.C.	1998	A bathymetric overview of the Mariana forearc	Island Arc 7, 525-540
Cosca, M.A., Arculus, R.J., Pearce, J.A., Mitchell, J.G.	1998	40Ar/39Ar and K-Ar geochronological age constraints for the inception and early evolution of the Izu-Bonin-Mariana arc system	Island Arc 7, 579-595
Fryer, P., Fujimoto, H., Sekine, M., Johnson, L.E., Kasahara, J., Masuda, H., Gamo, T., Ishii, T., Arivoshi, M., Fujioka, K.	1998	Volcanoes of the southwestern extension of the active Mariana island arc: New swath-mapping and geochemical studies	Island Arc 7, 596-607
Peate, D.W., Pearce, J.A.	1998	Causes of spatial compositional variations in Mariana arc lavas: Trace element evidence	Island Arc 7, 479-495
Nakanishi, M., Sager, W.W., Klaus, A.	1999	Magnetic lineations within Shatsky Rise, northwest Pacific Ocean : Implications for hot spot-triple junction interaction and oceanic plateau formation	Journal of Geophysical Research 104, 7539-7556
DeBari, S.M., Taylor, B., Spencer, K., Fujioka, K.	1999	A trapped Philippine Sea plate origin for MORB from the inner slope of the Izu-Bonin trench	Earth and Planetary Science Letters 174, 183-197
Mann, P., Calais, E., Ruegg, J.C., DeMets, C., Jansma, P.E., Mattioli, G.S.	2002	Oblique collision in the northeastern Caribbean from GPS measurements and geological observations	Tectonics 21, 1057, doi:10.1029/2001TC001304,
Bird, P.	2003	An updated digital model of plate boundaries	Geochem.Geophys.Geosys. 4, 1027, doi:10.1029/2001GC000252
Stern, R.J., Feigenson, M.D., Patino, L.C., Walker, J.A.	2003	An Overview of the Izu-Bonin-Mariana Subduction Factory	in Inside the Subduction Factory edited by Eiler, J., AGU Geophysical Monograph 138, 175-222
Miller, M.S., Kennett, B.L.N., Lister, G.S.	2004	Imaging changes in morphology, geometry, and physical properties of the subducting Pacific plate along the Izu-Bonin-Mariana arc	Earth and Planetary Science Letters 224, 363- 370
Maehara, K., Maeda, J.	2004	Evidence for high-Ca boninite magmatism from Paleogene primitive low-K tholeiite, Mukoojima, Hahajima Island group, southern Bonin (Ogasawara) forearc, Japan	Island Arc 13, 452-465
Fujioka, K., Tokunaga, W., Yokose, H., Kasahara, J., Sato, T., Miura, R., Ishii, T.	2005	Hahajima Seamount: An enigmatic tectonic block at the junction between the Izu-Bonin and Mariana Trenches	Island Arc 14, 616-622
Miller, M.S., Gorbatov, A., Kennett, B.L.N.	2005	Heterogeneity within the subducting Pacific slab beneath the Izu-Bonin-Mariana arc: Evidence from tomography using 3D ray tracing inversion techniques	Earth and Planetary Science Letters 235, 331- 342
Wallace, L.M., McCaffrey, R., Beavan, J., Ellis, S.	2005	Rapid microplate rotations and backarc rifting at the transition between collision and subduction	Geology 33, 857-860
Miller, M.S., Gorbatov, A., Kennett, B.L.N.	2006	Three-dimensional visualization of a near-vertical slab tear beneath the southern Mariana arc	Geochem.Geophys.Geosys. 7, Q06012, doi:10.1029/2005GC001110

Miller, M.S., Kennett, B.L.N., Toy, V.G.	2006	Spatial and temporal evolution of the subductin Pacific plate structure along the western Pacific margin	Journal of Geophysical Research 111, B02491
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✂This volume contains many articles in which "the Ogaswara Pleateau" is used in the same manner, so only a representative article is listed here.

### 1-2 Articles where "the Ogasawara Plateau" is used only for the western part of the feature

Authors	Year	Title	Journal
Shiba, M.	1979	Geological history of the Yabe guyot to the east of the Ogasawara Islands	Jounal of the Geological Society of Japan 85, 209-220
Smoot, N.C	1983	Ogasawa Plateau: Multibeam sonar bathymetry and possible tectonic implications	Journal of Geology 91, 591-598
Fryer, P., Smoot, N.C.	1985	Processes of seamount subduction in the Mariana and Izu-Bonin Trenches	Marine Geology 64, 77-90
Smoot, N.C, Richardson, D.B.	1988	Tectonic and geomorphic interpretation of the Ogasawara Plateau region by multibeam-based 3D methods	Marine Geology 79, 141-147
Nagaoka, S., Uchida, M., Kasuga, S., Kaneko, Y., Kato, Y., Kawai, K., Seta, H.	1989	Tectonics of the Ogasawara Plateau in the western Pacific Ocean	Report of Hydrographic Researches 25, 73-91
Smoot, N.C.	1990	Mariana Trough by Multi-Beam Sonar	Geo-Marine Letters 10, 137-144
Yamazaki, T., Ishihara, T., Murakami, F.	1991	Magnetic anomalies over the Izu-Ogasawara (Bonin) Arc, Mariana Arc and Mariana Trough	Bulletin of the Geological Survey of Japan 42, 655-686
Ishihara, T., Yamazaki, T.	1991	Gravity anomalies over the Izu-Ogasawara (Bonin) and northern Mariana Arcs	Bulletin of the Geological Survey of Japan 42, 687-701
Okamura, Y., Murakami, F., Kishimoto, K., and Saito, E	1992	Seismic profiling survey of the Ogasawara Plateau and the Michelson Ridge, western Pacific : evolution of Cretaceous guyots and deformation of a subduction oceanic plateau	Bulletin of the Geological Survey of Japan 43, 237-256

### 1-3 Articles where "the Ogasawara Plateau" is used and its geographical extent is unclear

Authors	Year	Title	Journal
Geological Survey of Japan	1976	Izu-Ogasawara (Bonin) Arc and Trench Investigations June and October-November 1974, GH74-3 and -6 Cruises	Geological Survey of Japan, Cruise Report No.5
Honza, E., Tamaki, K.	1985	The Bonin Arc	The ocean basins and margins 7A, edited by Nairn A.E.M., Stehli F.G., Uyeda S.
Ishii, T.	1985	Dredged samples from the Ogasawara fore-arc seamount or "Ogasawara Paleoland" - "Fore-arc ophiolite"	Formation of Active Ocean Margins, edited by Nasu N. et al., 307-342
Otsuki, K., Heki, K., Yamazaki, T.	1990	New data which supports the "law of convergence rate of plates" proposed by Otsuki	Tectonophysics 172, 365-368

Wessel, J.K., Fryer, P., Wessel, P., Taylor, B.	1994	Extension in the northern Mariana inner forearc	Journal of Geophysical Research 99, 15181-15203
Kobayashi, K	1995	Role of subducted lithospheric slab in uplift and subsidence of the northwestern Pacific margins	Marine Geology 127, 119-144
Govorov, I.N., Palandzhian, S.A., Tararin, I.A., Konovalov, Y.I.	1995	Ophiolites, boninites, and basalts of an inner slope of the Izu-Bonin Trench	Geology and Geophysics of the Philippine Sea, edited by Tokuyama, H., Shcheka, A., Isezaki, N., et al. 279-309
Miura, R., Nakamura, Y., Tokuyama, H., Koda, K., Coffin, M. F.	2004	"Rootless" serpentinite seamount on the southern Izu-Bonin forearc: Implication for basal erosion at convergent plate margins	Geology 32, 541-544
Ishiwatari, A., Yanagida, Y., Li, Y., Haraguchi, S., Ishi, T., Ichiyama, Y., Koizumi, K., Umeka, K.	2006	Dredge petrology of the boninite- and adakite-bearing Hahajima Seamount of the Ogasawara (Bonin) forearc: An ophiolite or a serpentinite seamount?	Island Arc 15, 102-118

## 2. Articles where "the Michelson Ridge" is used

### 2-1. Articles where "the Michelson Ridge" is used for the entire feature

Authors	Year	Title	Journal
Smoot, N.C.	1983	Multi-beam surveys of the Michelson guyots: Subduction or obduction	Tectonophysics 99, 363-380
Fryer, P., Smoot, N.C.	1985	Processes of seamount subduction in the Mariana and Izu-Bonin Trenches	Marine Geology 64, 77-90
Smoot, N.C, Richardson, D.B.	1988	Tectonic and geomorphic interpretation of the Ogasawara Plateau region by multibeam-based 3D methods	Marine Geology 79, 141-147
Smoot, N.C.	1990	Mariana Trough by Multi-Beam Sonar	Geo-Marine Letters 10, 137-144

### 2-1. Articles where "the Michelson Ridge" is used only for the eastern part of the feature

Authors	Year	Title	Journal
Smoot, N.C	1983	Ogasawa Plateau: Multibeam sonar bathymetry and possible tectonic implications	Journal of Geology 91, 591-598
Nagaoka, S., Uchida, M., Kasuga, S., Kaneko, Y., Kato, Y., Kawai, K., Seta, H.	1989	Tectonics of the Ogasawara Plateau in the western Pacific Ocean	Report of Hydrographic Researches 25, 73-91
Okamura, Y., Murakami, F., Kishimoto, K., Saito, E.	1992	Seismic profiling survey of the Ogasawara Plateau and the Michelson Ridge, western Pacific : evolution of Cretaceous guyots and deformation of a subduction oceanic plateau	Bulletin of the Geological Survey of Japan 43, 237-256
Koppers, A.A.P., Staudigel, H., Pringle, M.S., Wijbrans, J.R.	2003	Short-lived and discontinuous intraplate volcanism in the South Pacific: Hot spots or extensional volcanism?	Geochem.Geophys.Geosys. 4, 1089, doi:10.1029/2003GC000533

## 3. Articles where other name is used instead of "the Ogasawara Plateau"

Authors	Year	Title	Journal
Smoot, N.C.	1983	Multi-beam surveys of the Michelson guyots: Subduction or obduction	Tectonophysics 99, 363-380
Koppers, A.A.P., Staudigel, H., Pringle, M.S., Wijbrans, J.R.	2003	Short-lived and discontinuous intraplate volcanism in the South Pacific: Hot spots or extentional volcanism?	Geochem.Geophys.Geosys. 4, 1089, doi:10.1029/2003GC000533