

2017 PDG Reviews Responsibilities

Overseer	Coordinator	Review title and authors
	Beringer	High-Energy Collider Parameters NO ACTIVE AUTHOR
Agashe	Barnett	Dynamical Electroweak Symmetry Breaking: Implications of the H0 (rev.) K. Black, R.S. Chivukula, M. Narain
Barnett		Axions and other Similar Particles (rev.) A. Ringwald, L. Rosenberg, G. Rybka
Barnett		Electroweak Model and Constraints on New Physics J. Erler, A. Freitas
Barnett		Extra Dimensions (rev.) Y. Gershtein, A. Pomarol
Barnett		Grand Unified Theories A. Hebecker, J. Hisano
Barnett		Higgs Bosons: Theory and Searches M. Carena, C. Grojean, M. Kado, V. Sharma
Barnett		Kinematics (rev.) D. Tovey
Barnett		Lattice QCD (rev.) S. Hashimoto, J. Laiho, S. Sharpe
Barnett		Leptonic Decays of Charged Pseudoscalar Mesons J. Rosner, S.L. Stone, R. Van de Water
Barnett		Leptoquarks (rev.) S. Rolli, M. Tanabashi
Barnett		Online Particle Physics Information (rev.) T. Basaglia, A. Holtkamp
Barnett		Quantum Chromodynamics (rev.) S. Bethke, G. Dissertori, G.P. Salam
Barnett		Quark Masses A.V. Manohar
Barnett		Supersymmetric Model Assumptions R.M. Barnett
Barnett		Supersymmetry, Part I (Theory) (rev.) H.E. Haber
Barnett		Supersymmetry, Part II. (Experiment) (rev.) O. Buchmuller, P. de Jong
Barnett		The CKM Quark-Mixing Matrix A. Ceccucci, Z. Ligeti, Y. Sakai
Barnett		W'-Boson Searches

Barnett		B. Dobrescu, S. Willocq Z'-Boson Searches M.-C. Chen, B. Dobrescu, S. Willocq
Bauer	Yao	MC Event Generators P. Nason, P. Skands
Beringer		Free Quark Searches J. Beringer
Beringer		Introduction J. Beringer
Dwyer		Form Factors for Radiative Pion and Kaon Decays (rev.) M.A. Bychkov, G. D'Ambrosio
Dwyer		Monte Carlo Techniques G. Cowan
Dwyer		Particle Detectors at accelerators (rev.) G. Aielli, D. Chakraborty, D.E. Groom, K.F. Johnson, C. Lippmann, Y. Makida, P. Nevski, B.N. Ratcliff, A. Romaniouk, F. Sauli, H. Spieler, T. Sumiyoshi, M. Titov, W. Walkowiak, M.O. Wascko, C. Woody, R.-Y. Zhu
Dwyer		Particle Detectors for non-accelerator physics (rev.) J. Holder, K. Irwin, U. Katz, S. Klein, A. Piepke, K. Scholberg, T. Shutt, C. Spiering, C.W. Walter, L. Wiencke
Dwyer		Probability (rev.) G. Cowan
Dwyer		Statistics (rev.) G. Cowan
Eidelman	Beringer	Branching Ratio of $\psi(2S)$ and $\chi(c)0(,1,2)$ (rev.) J. J. Hernández-Rey, S. Navas, C. Patrignani
Eidelman	Beringer	Developments in Heavy Quarkonium Spectroscopy S. Eidelman, C. Hanhart, B. Heltsley, J. J. Hernández-Rey, R. Mitchell, S. Navas, C. Patrignani
Eidelman	Beringer	$K^*(892)$ Masses and Mass Differences S. Eidelman
Eidelman	Beringer	Non- $q\bar{q}$ Mesons (rev.) C. Amsler, C. Hanhart
Eidelman	Beringer	Note on Scalar Mesons below 2 GeV (rev.) C. Amsler, S. Eidelman, T. Gutsche, C. Hanhart, S. Spanier
Eidelman	Beringer	Resonances (rev.) D.M. Asner, C. Hanhart, E. Klempt
Eidelman	Beringer	The Bottomonium System S. Eidelman
Eidelman	Beringer	The Charmonium System S. Eidelman
Eidelman	Beringer	The Pseudoscalar and Pseudovector Mesons in the 1400 MeV Region (rev.) C. Amsler, A. Masoni
Eidelman	Beringer	The $\rho(1450)$ and $\rho(1700)$

Eidelman	Beringer	S. Eidelman, G. Venanzoni The rho(770) S. Eidelman, G. Venanzoni
Eidelman	Beringer	Width Determination of the Upsilon States S. Eidelman
Grab	Lin	Muon Decay Parameters W. Fetscher, H.-J. Gerber
Groom		Astrophysical Constants and Parameters D.E. Groom
Groom		Atomic and Nuclear Properties of Materials (rev.) D.E. Groom
Groom		Commonly Used Radioactive Sources R. Firestone
Groom		Cosmic Rays (rev.) J. Beatty, J. Matthews, S. Wakely
Groom		Electromagnetic Relations H. Spieler
Groom		Experimental Tests of Gravitational Theory (rev.) T. Damour
Groom		Passage of Particle through Matter (rev.) H. Bichsel, D.E. Groom, S. Klein
Groom		Periodic Table of the Elements (rev.) D.E. Groom
Groom		Radioactivity and Radiation Protection S. Roesler, M. Silari
Grunewald, Gurtu	Barnett	Anomalous W/Z Quartic Couplings (rev.) M. Grunewald, A. Gurtu
Grunewald, Gurtu	Barnett	Anomalous Z Z gamma, Z gamma gamma, and Z Z V Couplings M. Grunewald, A. Gurtu
Grunewald, Gurtu	Barnett	Extraction of Triple Gauge Couplings (TGC's) (rev.) M. Grunewald, A. Gurtu
Grunewald, Gurtu	Barnett	The Mass and Width of the W Boson M. Grunewald, A. Gurtu
Grunewald, Gurtu	Barnett	The Z Boson M. Grunewald, A. Gurtu
Hikasa	Yao	WIMPs and Other Particles Searches K. Hikasa
Lin		Accelerator Physics of Colliders (rev.) M.J. Syphers, F. Zimmermann
Lin		Baryon Decay Parameters NO ACTIVE AUTHOR
Lin		CP Violation in K(L)0 Decays C.-J. Lin
Lin		CP Violation in K(S)0 \rightarrow 3π

	NO ACTIVE AUTHOR
Lin	CPT Invariance Tests in Neutral Kaon Decay M. Antonelli, G. D'Ambrosio
Lin	Dalitz Plot Parameters for $K \rightarrow 3\pi$ Decays NO ACTIVE AUTHOR
Lin	$\Delta S = \Delta Q$ in K^0 Decays C.-J. Lin
Lin	History Plots C.-J. Lin
Lin	Introduction to Three-Neutrino Mixing Parameters Listing (rev.) M. Goodman
Lin	Introduction to the Neutrino Properties Listings A. Piepke, P. Vogel
Lin	Introductory Text to Neutrino Mixing M. Goodman
Lin	$K^{*+}(\text{lepton})$ and $K^{*0}(\text{lepton})$ Form Factors C.-J. Lin
Lin	Monte Carlo Neutrino Generators (rev.) H. Gallagher, Y. Hayato
Lin	Monte Carlo Particle Numbering Scheme (rev.) L. Garren, F. Krauss, C.-J. Lin, S. Navas, P. Richardson, T. Sjöstrand
Lin	Neutrino Cross Section Measurements (rev.) G.P. Zeller
Lin	Neutrino Mass, Mixing, and Flavor Change H. Murayama, K. Nakamura, S.T. Petcov
Lin	Neutrino beam lines at high-energy synchrotrons C.-J. Lin
Lin	Neutrinoless Double-beta Decay (rev.) A. Piepke, P. Vogel
Lin	Plots of Cross Sections and Related Quantities V.I. Belousov, O. Biebel, V.V. Ezhela, A.A. Godizov, M. Grünwald, J. Huston, V.A. Petrov, R.A. Ryutin, N.P. Tkachenko, D.R. Ward, O.V. Zenin
Lin	Radiative Hyperon Decays NO ACTIVE AUTHOR
Lin	Rare Kaon Decays (rev.) L. Littenberg, G. Valencia
Lin	Structure Functions (rev.) B. Foster, A. Martin, R.S. Thorne, M. Vinciter
Lin	Structure Functions — additional figures (rev.) B. Foster, A. Martin, R.S. Thorne, M. Vinciter
Lin	Sum of Neutrino Masses (rev.) K. Olive
Lin	Tests of Conservation Laws C.-J. Lin
Lin	The Charged Kaon Mass NO ACTIVE AUTHOR
Lin	The Muon Anomalous Magnetic Moment

		A. Höcker, W.J. Marciano
Lin		The Number of Light Neutrino Types from Collider Experiments NO ACTIVE AUTHOR
Lin		$V(\text{ud})$, $V(\text{us})$ the Cabibbo Angle, and CKM Unitarity E. Blucher, W.J. Marciano
Milstead	Barnett	Fragmentation Functions in e^+e^- , e^-p , and p^+p^- Collisions (rev.) O. Biebel, D. de Florian, D. Milstead, A. Vogt
Milstead	Barnett	Magnetic Monopoles (rev.) D. Milstead, E.J. Weinberg
Moenig	Dwyer	tau Branching Fractions (rev.) Sw. Banerjee, K. Hayes, A. Lusiani
Moenig	Dwyer	tau-Lepton Decay Parameters A. Stahl
Olive	Barnett	Inflation (new) J. Ellis, D. Wands
Olive	Groom	Big-Bang Cosmology (rev.) K. Olive, J.A. Peacock
Olive	Groom	Big-Bang Nucleosynthesis (rev.) B. Fields, P. Molaro, S. Sarkar
Olive	Groom	Cosmic Microwave Background (rev.) D. Scott, G.F. Smoot
Olive	Groom	Dark Energy (rev.) D.H. Weinberg, M. White
Olive	Groom	Dark Matter (rev.) M. Drees, G. Gerbier
Olive	Groom	Neutrinos in Cosmology J. Lesgourgues, L. Verde
Olive	Groom	The Cosmological Parameters (rev.) O. Lahav, A. Liddle
Pagan Griso		Naming Scheme for Hadrons V. Burkert, S. Eidelman, C. Hanhart, B. Heltsley, E. Klempt, R. Mitchell, M. Pennington, L. Tiator, R. Workman
Terning	Barnett	Searches for Quark and Lepton Compositeness (rev.) K. Hikasa, M. Tanabashi, K. Terashi, N. Varelas
Wohl		Baryon Magnetic Moments C.G. Wohl
Wohl		Charmed Baryons (rev.) C.G. Wohl
Wohl		Clebsch-Gordan Coefficients, Spherical Harmonics, and d Functions NO ACTIVE AUTHOR
Wohl		$D(s)^+$ Branching Fractions (rev.) J. Rosner, C.G. Wohl
Wohl		Electronic Structure of the Elements

		NO ACTIVE AUTHOR
Wohl		International System of Units (SI) NO ACTIVE AUTHOR
Wohl		Lambda and Sigma Resonances C.G. Wohl
Wohl		Physical Constants (rev.) C.G. Wohl
Wohl		SU(3) Isoscalar Factors and Representation Matrices NO ACTIVE AUTHOR
Wohl		SU(n) Multiplets and Young Diagrams C.G. Wohl
Wohl		The Sigma(1670) Region C.G. Wohl
Wohl		Xi Resonances C.G. Wohl
Workman	Dwyer	N and Delta Resonances (rev.) V. Burkert, E. Klempt, M. Pennington, L. Tiator, R. Workman
Workman	Dwyer	Pole Structure of the Lambda(1405) Region (new) T. Hyodo, U.-G. Meißner
Yao		A Note on HFAG Activities (rev.) T. Gershon, A. Schwartz
Yao		B0 – Bbar0 Mixing O. Schneider
Yao		CP Violation in the Quark Sector (rev.) T. Gershon, Y. Nir
Yao		Cross-Section Formulae for Specific Processes H. Baer, R.N. Cahn
Yao		D0 – Dbar0 Mixing (rev.) D.M. Asner
Yao		HQET and SCET (rev.) C. Bauer, M. Neubert
Yao		Polarization in B Decays (rev.) A.V. Gritsan, J. Smith
Yao		Production and Decay of b-flavored Hadrons P. Eerola, M. Kreps, Y. Kwon
Yao		Quark Model (rev.) C. Amsler, T. DeGrand, B. Krusche
Yao		Review on Multibody Charm Analyses (rev.) D.M. Asner, J. Rademacker
Yao		Semileptonic B meson decays and the determination of V(cb) and V(ub) (rev.) R. Kowalewski, T. Mannel
Yao		The Top Quark (rev.) T. Liss, F. Maltoni, A. Quadt
Zhu	Barnett	Pentaquarks

