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Corrigendum

In Part I of this study, on page 388 second line after the heading "Bed 3", please read "... mentioned on p. 369-373..." instead of "... mentioned on p. 269-373...".

REFERENCES

- BARKER, R. W. (1932): *Larger Foraminifera from the Eocene Santa Elena Peninsula, Ecuador*. – Geol. Mag. 69, 302-310.
- BARKER, R. W., & GRIMSDALE, T. F. (1936): *A contribution to the Phylogeny of the Orbitoidal Foraminifera, with a Description of New Forms from the Eocene of Mexico*. – J. Paleont. 10, 231-247.
- BOLD, W. A. VAN DEN (1957): *Ostracoda from the Paleocene of Trinidad*. – Micropaleontology 3/1, 1-18.

- BOLLI, H. M. (1952): *Note on the Cretaceous-Tertiary Boundary in Trinidad, B. W. I., with Remarks on the Problem of the Determination of some Paleocene Globorotaliae*. – J. Paleont. 26/4, 669–675.
- (1957a): *The Genera Globigerina and Globorotalia in the Paleocene – Lower Eocene Lizard Springs Formation of Trinidad, B. W. I.* – Bull. U.S. natl. Mus. 215, 61–81.
 - (1957b): *Planktonic Foraminifera from the Eocene Navet and San Fernando Formations of Trinidad*. – In: LOEBLICH, TAPPAN, BECKMANN, BOLLI, MONTANARO, GALLITELLI & TROELSEN: *Studies in Foraminifera*. – Bull. U.S. natl. Mus. 215, 155–172.
 - (1966): *Zonation of Cretaceous to Pliocene Marine Sediments Based on Planktonic Foraminifera*. – Bol. inform. Asoc. venez. Geol. Min. Petroleo 9/1, 3–32.
- BRÖNNIMANN, P. (1952): *Trinidad Paleocene and Lower Eocene Globigerinidae*. – Bull. amer. Paleont. 34/143, 133–182.
- BRÖNNIMANN, P., & RIGASSI, D. (1963): *Contribution to the Geology and Paleontology of the Area of the City of La Habana, Cuba, and its Surroundings*. – Eclogae geol. Helv. 56/1, 193–481.
- BUTTERLIN, J. (1956): *La constitution géologique et la structure des Antilles*. – Cent. natl. Rech. sci.
- (1968): *Données fournies par les Macroforaminifères pour l'établissement des limites de l'Oligocène dans la région des Caraïbes*. – Trans. 4th Caribbean geol. Conf., Trinidad & Tobago 1965, 183–188.
 - (1970): *Macroforaminíferos y edad de la Formación Punta Mosquito (Grupo Punta Carnero) de la Isla de Margarita (Venezuela)*. – Bol. inform. Asoc. venez. Geol. Min. y Petroleo 13/10, 273–316.
- CAUDRI, C. M. B. (1944): *The Larger Foraminifera from San Juan de los Morros, State of Guarico, Venezuela*. – Bull. amer. Paleont. 28/114, 355–404.
- (1948): *Note on the Stratigraphic Distribution of Lepidorbitoides*. – J. Paleont. 22/4, 473–481.
 - (1961): *Some Remarks on the Ferruginous Interval in the Eocene Section of Humacaro Bajo, Lara (Venezuela)*. – Bol. inform. Asoc. venez. Geol. Min. Petroleo 4, 285–287.
 - (1972a): *Systematics of the American Discocyclinas*. – Eclogae geol. Helv. 65/1, 211–219.
 - (1972b): *The Larger Foraminifera of the Scotland District of Barbados*. – Eclogae geol. Helv. 65/1, 221–234.
 - (1974): *The Larger Foraminifera of Punta Mosquito, Margarita Island, Venezuela*. – Verh. natf. Ges. Basel 84/1, 293–318.
- CIZANCOURT, M. DE (1948): *Nummulites de l'île de la Barbade (Petites Antilles)*. – Mém. Soc. géol. France 27/57, 1–40.
- (1951): *Grands foraminifères du Paléocène inférieur et de l'Eocène moyen du Venezuela*. – Mém. Soc. géol. France 30/64, 1–68.
- CLARK, B. L., & DURHAM, J. W. (1946): *Eocene Faunas from the Department of Bolivar, Colombia*. – Mem. geol. Soc. Amer. 16.
- COLE, W. S. (1944): *Stratigraphic and Paleontologic Studies of Wells in Florida, N° 3*. – Bull. Florida geol. Surv. 26, 1–168.
- (1952): *Eocene and Oligocene Larger Foraminifera from the Panama Canal Zone and Vicinity*. – Prof. Pap. U.S. geol. Surv., 244, 1–41.
 - (1953): *Criteria for the Recognition of Certain Assumed Camerinid Genera*. – Bull. amer. Paleont. 35/147, 27–46.
 - (1956): *The genera Miscellanea and Pellastispirella*. – Bull. amer. Paleont. 36/159, 239–254.
 - (1958a): *Names and Variations in Certain American Larger Foraminifera, N° 1*. – Bull. amer. Paleont. 38/170, 175–213.
 - (1958b): *Names and Variations in Certain American Larger Foraminifera, particularly the Camerinids*. – Bull. amer. Paleont. 38/173, 261–284.
 - (1958c): *id., particularly the Discocyclinids*. – Bull. amer. Paleont. 38/176, 411–429.
 - (1959): *Faunal Associations and the Stratigraphic Position of Certain American Paleocene and Eocene Larger Foraminifera*. – Bull. amer. Paleont. 39/182, 377–393.
 - (1960a): *Variability in embryonic chambers of Lepidocyclina*. – Micropaleontology 6/2, 133–144.
 - (1960b): *Revision of Helicostegina, Helicolepidina and Lepidocyclina (Polylepidina)*. – Contr. Cushman Found. foram. Res. 11, 57–62.
 - (1961): *Some Nomenclature and Stratigraphic Problems involving Larger Foraminifera*. – Contr. Cushman Found. foram. Res. 12/4, 136–147.
 - (1962a): *Embryonic Chambers and the Subgenera of Lepidocyclina*. – Bull. amer. Paleont. 44/200, 29–60.

- COLE, W.S. (1962b): *Periembryonic Chambers in Helicolepidina*. – Contr. Cushman Found. foram. Res. 13/4, 145–152.
- (1963): *Illustrations of conflicting Interpretations of the Biology and Classification of Certain Larger Foraminifera*. – Bull. amer. Paleont. 46/205, 4–63.
- (1969a): *Names and Variation in Certain American Larger Foraminifera, particularly the American Pseudophragminids*. – Bull. amer. Paleont. 56/248, 4–55.
- (1969b): *Internal Structure, Stratigraphic Range and Phylogenetic Relationships of Certain American Eocene Foraminifera*. – Contr. Cushman Found. foram. Res. 20, 77–86.
- COLE, W.S., & APPLIN, E.R. (1964): *Problems of the Geographic and Stratigraphic Distribution of American Middle Eocene Larger Foraminifera*. – Bull. amer. Paleont. 47/212, 3–48.
- COLE, W.S., & BERMUDEZ, P.J. (1947): *Eocene Discocyclinidae and other Foraminifera from Cuba*. – Bull. amer. Paleont. 31/125, 191–224.
- COLE, W.S., & HERRICK, S.M. (1953): *Two Species of Larger Foraminifera from Paleocene Beds in Georgia*. – Bull. amer. Paleont. 35/148, 49–62.
- COLE, W.S., & PONTON, G.M. (1934): *New Species of Fabularia, Asterocyclina and Lepidocyclina from the Florida Eocene*. – Midland Naturalist 15, 138–147.
- CUSHMAN, J.A. (1922): *Foraminifera from the Eocene Deposits of Peru*. In: T.O. BOSWORTH: *Geology and Paleontology of N.W. Peru*. – MacMillan, London 1922, 136–139.
- (1929): *Cycloloculina in the Western Hemisphere*. – Contr. Cushman Lab. foram. Res. 5, 4–5.
- (1940): *Foraminifera, their Classification and Economic Use*. – Harvard University Press, 3rd ed.
- CUSHMAN, J.A., & RENZ, H.H. (1942): *Eocene, Midway, Foraminifera from Soldado Rock, Trinidad*. – Contr. Cushman Lab. foram. Res. 18/1, 1–14.
- (1946): *The Foraminiferal Fauna of the Lizard Springs Formation of Trinidad, B. W. I.* – Spec. Publ. Cushman Lab. foram. Res., 18, 1–48.
- (1948): *Eocene Foraminifera of the Navet and Hospital Hill Formations of Trinidad, B. W. I.* – Spec. Publ. Cushman Lab. foram. Res. 24, 1–42.
- DOUVILLÉ, H. (1915): *Les Orbitoïdes de l'île de la Trinité*. – C.R. Acad. Sci. (Paris) 161, 87–93.
- (1917): *Les Orbitoïdes de l'île de la Trinité*. – C.R. Acad. Sci. (Paris) 164, 841–847.
- (1924): *Revision des Lépidocyclines*. – Mém. Soc. géol. France, n.s., 1/2, 1–49.
- DROOGER, C.W. (1960a): *Some Early Rotalid Foraminifera, I*. – Proc. k. nederl. Akad. Wetensch. Amsterdam, (B), 63, 287–318.
- (1960b): *Microfauna and Age of the Basses Plaines Formation of French Guayana*. – Proc. k. nederl. Akad. Wetensch. Amsterdam, (B), 63/4, 444–468.
- EAMES, F.E., CLARKE, W.J., BANNER, F.T., SMOUT, A.H., & BLOW, W.H. (1968): *Some Larger Foraminifera from the Tertiary of Central America*. – Palaeontology 11, 283–305.
- GORTER, N.E., & VAN DER VLERK, I.M. (1932): *Larger Foraminifera from Central Falcon (Venezuela)*. – Leidsche geol. Meded. 4/2, 94–122.
- GRAVELL, D.W. (1933): *Tertiary Larger Foraminifera of Venezuela*. – Smithson. misc. Collect. 89/11, 1–44.
- GRIMSDALE, T.F. (1941): *New Species of Helicostegina from Soldado Rock*. In: VAUGHAN & COLE: *Preliminary Report on the Cretaceous and Tertiary Larger Foraminifera of Trinidad*. – Spec. Pap. geol. Soc. Amer. 30, 86–87.
- (1951): *Correlation, Age Determination and the Tertiary Pelagic Foraminifera*. – Proc. 3rd World Petroleum Congr., Leiden, Sect. 1, 463–475.
- (1959): *Evolution in the American Lepidocyclinidae*. – Proc. k. nederl. Akad. Wetensch. Amsterdam, (B), 62, 8–33.
- GUPPY, R.J.L. (1866): *On the Relations of the Tertiary Formations of the West-Indies*. – Quart. J. geol. Soc. London 22, 570–590.
- (1892): *The Tertiary Microzoic Formations of Trinidad*. – Quart. J. geol. Soc. London 48, 519–538.
- HANZAWA, S. (1962): *Upper Cretaceous and Tertiary Three-layered Larger Foraminifera and their Allied Forms*. – Micropaleontology 8, 129–186.
- HARRIS, G.D. (1926) *Notes on the paleontology*. In: G.A. WARING: *The Geology of the Island of Trinidad, B. W. I.* – Johns Hopkins Univ. Studies in Geology 7, 87–112.
- HEDBERG, H.D. (1937): *Stratigraphy of the Querecual Section of Northeastern Venezuela*. – Bull. geol. Soc. Amer. 48, 1971–2024.
- HODSON, H.K. (1926): *Foraminifera from Venezuela and Trinidad*. – Bull. amer. Paleont. 12/47, 1–46.

- JEANNET, A., (1928): *Contributions à l'étude des échinides tertiaires de la Trinité et du Venezuela*. – Mém. Soc. paleont. suisse 48, 1–48.
- KIER, P. M. (1967): *Revision of the Oligopygoid Echinoids*. – Smithson. misc. Collect. 152/2, 1–147.
- KUGLER, H. G. (1923): *Das Eocaenprofil von Soldado Rock bei Trinidad*. – Eclogae geol. Helv. 18/2, 253–259.
- (1936): *Summary Digest of the Geology of Trinidad*. – Bull. amer. Assoc. Petroleum Geol. 20/11, 1439–1453.
 - (1938): *The Eocene of the Soldado Rock near Trinidad*. – Bol. Geol. Min., Caracas, 2, 202–225 (also quoted verbatim in: VAUGHAN & COLE 1941, 8–12).
 - (1953): *Jurassic to Recent Sedimentary Environments in Trinidad*. – Bull. Assoc. suisse Géol. Ing. Pétrole 20/59, 27–60.
 - (1956): *Lexique stratigraphique de Trinidad, Amérique latine*. – Cent. natl. Rech. sci., Paris, 41–116.
- KUGLER, H. G., & CAUDRI, C. M. B. (1975): *Geology and Paleontology of Soldado Rock, Trinidad (West Indies). Part I: Geology and Biostratigraphy*. – Eclogae geol. Helv. 68/2, 365–430.
- LEHNER, E. (1935): *Introduction à la géologie de Trinidad et bibliographie géologique*. – Ann. Office natl. Combust. liquides, Paris, 691–730.
- LIDDLE, R. A. (1928): *The Geology of Venezuela and Trinidad*. – J. P. Mac Gowan, Fort Worth.
- (1946): *The Geology of Venezuela and Trinidad*. – Paleont. Res. Instn., Ithaca, New York.
- LIDDLE, R. A., HARRIS, G. D., & WELLS, J. W. (1943): *The Rio Cachirí Section in the Sierra de Perijá, Venezuela*. – Bull. amer. Paleont. 27/108, 273–368.
- MACKENZIE, A. N. (1937): *The Geological Section of the Barinas Region, Districts of Barinas, Bolivar and Obispos, State of Zamora, Venezuela*. – Bol. Geol. Min., Caracas, 1/2–4, 253–268.
- MAURY, C. J. (1912): *A contribution to the Paleontology of Trinidad*. – J. Acad. nat. Sci. Philadelphia 15/2, 23–112.
- (1913): *The Bearing of Recent Discoveries of Early Tertiary Shells near Trinidad and in Brazil on Hypothetical Land Routes between South America and Africa*. – South-African J. Sci. 10/1, 92–96.
 - (1925a): *A new Formational Name*. – Science 61/1561, 43.
 - (1925b): *A Further Contribution to the Paleontology of Trinidad (Miocene fossils)*. – Bull. amer. Paleont. 10/42, 153–402.
 - (1929): *The Soldado Rock Type Section of Eocene*. – J. Geol. 37/2, 177–181.
 - (1935): *The Soldado Rock section*. – Science 82/2122, 192–193.
- MUÑOZ, J. N. G. (1966): *Descripción de las formaciones Humocaro y Quebrada Arriba en sus localidades tipo de los Andes de Lara*. – Bol. inform. Asoc. venez. Geol. Min. Petroleo 9/5, 137–151.
- NUTTALL, W. F. L. (1928): *Tertiary Foraminifera from Naparima Region, Trinidad (British West-Indies)*. – Quart. J. geol. Soc. London 84, 57–115.
- PALMER, D. K. (1934): *Some Larger Foraminifera from Cuba*. – Mem. Soc. Cubana Hist. nat., Habana, 8, 253–264.
- RAADSHOOVEN, B. VAN (1951): *On some Paleocene and Eocene Larger Foraminifera of Western Venezuela*. – Proc. 3rd World Petroleum Congr., Sect. I, 476–489.
- RENZ, H. H. (1942): *Stratigraphy of Northern South America, Trinidad and Barbados*. – Proc. 8th amer. sci. Congr., geol. Sci., Washington, 4, 513–571.
- RIVERO, F. DE (1956a): *Boca de Serpiente Formation*. – Strat. Lexicon of Venezuela (English edition), Caracas, 79–83.
- (1956b): *Soldado Formation*. – Strat. Lexicon of Venezuela (English edition), Caracas, 555–561.
- ROBINSON, E. (1968): *Zonation by Larger Foraminifera of the Caribbean Cretaceous and Lower Tertiary*. – Unpubl. Prepr. Trans. 5th Caribbean geol. Conf., St. Thomas.
- (1969): *Stratigraphy and Age of the Dump Limestone lenticle, Central Jamaica*. – Eclogae geol. Helv. 62/2, 737–744.
- RUTSCH, R. (1936a): *Die stratigraphische Bedeutung der Venericardia planicosta und ihre Verwandten*. – Eclogae geol. Helv. 29/1, 151–186.
- (1936b): *Ist Venericardi beaumonti auf die Oberkreide beschränkt?* – Eclogae geol. Helv. 29/1, 187–207.
 - (1939a): *Die Gattung Tubulostium im Eocaen der Antillen*. – Eclogae geol. Helv. 32/2, 231–244.
 - (1939b): *Terebratulina kugleri, n. sp. from the Eocene of Soldado Rock*. – J. Paleont. 13, 517–520.
 - (1939c): *Entwicklung tropisch-amerikanischer Tertiärfaunen und Kontinentalverschiebungs-Hypothese*. – Geol. Rdsch. 30/3–4, 362–372.

- RUTSCH, R. (1939d): *Evolution of tropical American Tertiary Faunas and Theory of Continental Drift*. – Proc. 6th Pacific Sci. Congr., 619–626.
- (1943): *Die Paleocän Mollusken der Inseln Trinidad und Soldado Rock (B. W. I.)*. – *Eclogae geol. Helv.* 36/2, 139–192.
- SACHS, K. N. (1957): *Restudy of some Cuban Larger Foraminifera*. – *Contr. Cushman Found. foram. Res.* 8, 106–120.
- SALVADOR, A., & STAINFORTH, R. M. (1968): *Clues in Venezuela to the Geology of Trinidad and vice versa*. – *Trans. 4th Caribbean geol. Conf., Port-of-Spain 1965*, 31–40.
- SCHILDER, F. A. (1939): *Cypraeaacea aus dem Tertiär von Trinidad, Venezuela und den Antillen*. – *Abh. schweiz. palaeont. Ges.* 62, 1–35.
- SCHUCHERT, CH. (1935): *Historical Geology of the Antillean-Caribbean Region*. – John Wiley & Sons, New York.
- SENN, A. (1940): *Paleogene of Barbados and its Bearing on History and Structure of Antillean-Caribbean Region*. – *Bull. amer. Assoc. Petroleum Geol.* 24/9, 1548–1610.
- SHIMER, H. W. (1934): *Correlation Chart of Geologic Formations of North America*. – *Bull. geol. Soc. Amer.* 45, 909–936.
- STAINFORTH, R. M. (1948): *Applied Micropaleontology in Coastal Ecuador*. – *J. Paleont.* 22, 113–151.
- (1955): *Ages of Tertiary formations in N. W. Peru*. – *Bull. amer. Assoc. Petroleum Geol.* 39, 2068–2077.
- Stratigraphical Lexicon of Venezuela (1956) (Engl. ed.). – *Bol. Geol., Spec. Publ. 1*, Minist. Minas Hidrocarb, edición Sucre, Caracas.
- SUTER, H. H. (1951, 1952; reprod. 1954): *The General and Economic Geology of Trinidad*. – *Colon. Geol. miner. Resour. (London)*, 2/3, 177–217; 2/4, 271–307; 3/1, 3–51 (2nd ed., issued by Overseas Geology and Mineral Resources, 1960).
- TAN SIN HOK (1936a): *Beitrag zur Kenntnis der Lepidocyclinen*. – *Proc. k. Akad. Wetensch. Amsterdam* 39, 990–999.
- (1936b): *Zur Kenntnis der Lepidocyclinen*. – *Natk. Tijdschr. Nederlandsch-Indië* 96, 235–280.
- TAYLOR, G. C. (1960): *Geología de la Isla de Margarita, Venezuela*. – *Mem. III. Congr. geol. venez.*, Caracas 1959, 2, 838–894.
- TOBLER, A. (1922a): *Die Jacksonstufe (Priabonien) in Venezuela und Trinidad*. – *Eclogae geol. Helv.* 17, 342–346.
- (1922b): *Helicolepidina, ein neues Subgenus von Lepidocyclina*. – *Eclogae geol. Helv.* 17, 380–384.
- TODD, J. U., & BARKER, R. W. (1932): *Tertiary Orbitoids from N. W. Peru*. – *Geol. Mag.* 69, 529–543.
- TOUMARKINE, M., & BOLLI, H. M. (1970): *Evolution de Globorotalia cerroazulensis (Cole) dans l'Eocène Moyen et Supérieur de Possagno (Italie)*. – *Rev. Micropaléont.*, 13/3, 131–145.
- VAUGHAN, T. W. (1919): *The Biologic Character and Geologic Correlation of the Sedimentary Formations of Panama in their Relation to the Geologic History of Central America and the West Indies*. – *Bull. Smithsonian Instn., U. S. natl. Mus.* 103, 1–4 and 547–612.
- (1928): *New Species of Operculina and Discocyclina from the Ocala limestone*. – *Ann. Rep. Florida State geol. Surv.* 19, 155–165.
- (1937): *The Tertiary Larger Foraminifera*. In: G. SHEPPARD: *The geology of S. W. Ecuador*. – Thomas Murby & Co., London, 150–175.
- (1945): *American Paleocene and Eocene Larger Foraminifera*. – *Mem. geol. Soc. Amer.* 9, 1–175.
- VAUGHAN, T. W., & COLE, W. S. (1941): *Preliminary Report on the Cretaceous and Tertiary Larger Foraminifera of Trinidad, British West Indies*. – *Spec. Pap. geol. Soc. Amer.*, 30, 1–137.
- WARING, G. A. (1926): *The Geology of the Island of Trinidad, B. W. I.* – Johns Hopkins University Studies of Geology 7, 1–181.
- WETTSTEIN, R. (1924): *Handbuch der systematischen Botanik* (3rd ed.). – Franz Deuticke, Leipzig/Vienna.
- WINKLE, K. VAN (1919): *Remarks on some New Species from Trinidad*. – *Bull. amer. Paleont.* 8/33, 19–32.
- WOODRING, W. P. (1928): *Miocene Molluscs from Bowden, Jamaica*. – *Publ. Carnegie Instn., Washington*, 385, 1–564.