



Bibliography of the UNESCO WHL site Monte San Giorgio (Switzerland, Italy)

Fondazione del Monte San Giorgio
D. Albisetti, H. Furrer, 10.10.2024

- Affer, D., & Teruzzi, G. (1999). Thylacocephalan crustaceans from the Besano Formation, middle Triassic, N. Italy. 3rd International symposium on lithographic limestones. *Rivista Museo civico Scienze Naturali „Enrico Caffi“*, 20, 5–8.
- Airaghi, C. (1911). Ammoniti degli scisti bituminosi di Besano in Lombardia. *Bollettino della Società Geologica Italiana, Milano*, 30, 1048–1050.
- Airaghi, C. (1912). I molluschi degli scisti bituminosi di Besano in Lombardia. *Atti della Società Italiana di Scienze Naturali*, 51, 1–30.
- Albisetti, D., & Furrer, H. (2024a). Bibliography of the UNESCO WHL site Monte San Giorgio (Switzerland, Italy). *Fondazione del Monte San Giorgio*, 35.
- Albisetti, D., & Furrer, H. (2024b). Chronological list of palaeontological excavations at the UNESCO WHL site Monte San Giorgio (Switzerland, Italy). *Fondazione del Monte San Giorgio*, 2.
- Albisetti, G. (2009). *I Caraduu da Mérat. Emozionante ricostruzione del paesaggio del Monte San Giorgio di fine Ottocento inizio Novecento*. Comune di Meride.
- Aldinger, H. (1931). Über Reste von *Birgeria* (Pisces, Palaeoniscidae) aus der alpinen Trias. *Neues Jahrbuch für Mineralogie*, 66(B), 167–180.
- Andersson, E. (1916). Über einige Trias-Fische aus der Cava Trefontane, Tessin. *Bulletin of the Geological Institute University Upsala*, 15, 13–34.
- Antonietti, A., Franscella, C., Kuhn-Schnyder, E., & Simonetti, A. (1978). *Sentiero naturalistico del Monte San Giorgio. Con una introduzione di Graziano Papa*. ETT, Ente Ticinese per il Turismo, Dipartimento cantonale della pubblica educazione.
- Argyriou, T., Clauss, M., Maxwell, E. E., Furrer, H., & Sánchez-Villagra, M. R. (2016). Exceptional preservation reveals gastrointestinal anatomy and evolution in early Actinopterygian fishes. *Scientific reports*, 6. <https://doi.org/10/f78ffj>
- Arif, S., Reitner, J., & Hoppert, M. (2019). Composition, Diversity and Functional Analysis of the Modern Microbiome of the Middle Triassic Cava Superiore Beds (Monte San Giorgio, Switzerland). *Scientific reports*, 9(1), 20394. <https://doi.org/10.1038/s41598-019-55955-5>
- Arratia, G., Bürgin, T., & Furrer, H. (2024a). A new suction feeder and miniature teleostomorph, *Marcopoloichthys mirigioliensis*, from the lower Besano Formation (late Anisian) of Monte San Giorgio. *Swiss Journal of Palaeontology*, 143. <https://doi.org/10.1186/s13358-024-00318-5>
- Arratia, G., Bürgin, T., & Furrer, H. (2024b). Correction: A new suction feeder and miniature teleostomorph, *Marcopoloichthys mirigioliensis*, from the lower Besano Formation (late Anisian) of Monte San Giorgio. *Swiss Journal of Palaeontology*, 143(1), 28. <https://doi.org/10.1186/s13358-024-00326-5>



Bibliography of the UNESCO WHL site Monte San Giorgio (Switzerland, Italy)

Fondazione del Monte San Giorgio
D. Albisetti, H. Furrer, 10.10.2024

- Arrigoni, A. (Don). (1967). Omaggio di Meride agli illustri Paleontologi dell'Università di Zurigo. *Istituto Editoriale Ticinese*.
- Baker, D. F., Cassani, R., Galli, B., Sartorelli, P., & Trapletti, A. (2002). *Le cave di Saltrio, di Brenno e d'Oltreoceano*. Parrocchia di Viggiù.
- Bassani, F. (1886). Sui fossili e sull'età degli schisti bituminosi triassici di Besano in Lombardia. *Atti della Società Italiana di Scienze Naturali*, 29, 15–72.
- Bastiaans, D. (2024a). Thalattosauria in time and space: A review of thalattosaur spatiotemporal occurrences, presumed evolutionary relationships and current ecological hypotheses. *Swiss Journal of Palaeontology*, 143(1), 36. <https://doi.org/10.1186/s13358-024-00333-6>
- Bastiaans, D. (2024b). *Thalattosauriform Reptiles in Triassic Marine Ecosystems: Digital Cranial Retrodeformation, 3D Reconstruction and Functional Anatomy* [PhD Thesis]. University of Zurich.
- Baumgartner, P. O., Bernoulli, D., & Martire, L. (2001). Mesozoic pelagic facies of the Southern Alps: Paleotectonics and paleoceanography. *International Association of Sedimentologists, Davos: Field Trip Guide, Excursion A, 1*.
- Beardmore, S. R., & Furrer, H. (2015). Evidence of a preservational gradient in the skeletal taphonomy of Ichthyopterygia (Reptilia) from Europe. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 443, 131–144. <https://doi.org/10.1016/j.palaeo.2015.11.049>
- Beardmore, S. R., & Furrer, H. (2016a). Preservation of Pachypleurosauridae (Reptilia; Sauropterygia) from the Middle Triassic of Monte San Giorgio, Switzerland. *Neues Jahrbuch für Geologie und Paläontologie - Abhandlungen*, 280(2), 221–240. <https://doi.org/10.1127/njgpa/2016/0578>
- Beardmore, S. R., & Furrer, H. (2016b). Taphonomic analysis of *Saurichthys* from two stratigraphic horizons in the Middle Triassic of Monte San Giorgio, Switzerland. *Swiss Journal of Geosciences*, 109, 1–16. <https://doi.org/10.1007/s00015-015-0194-z>
- Beardmore, S. R., & Furrer, H. (2017). Land or water: Using taphonomic models to determine the lifestyle of the Triassic protorosaur *Tanystropheus* (Diapsida, Archosauromorpha). *Palaeobiodiversity and Palaeoenvironments*, 1–16. <https://doi.org/10.1007/s12549-017-0299-7>
- Beardmore, S. R., & Furrer, H. (2019). Taphonomic variation within a Middle Triassic fossil lagerstätte (Cassina beds, Meride Limestone) at Monte San Giorgio. *PalZ*, 93, 49–67. <https://doi.org/10.1007/s12542-018-0415-7>
- Beardmore, S. R., Orr, P. J., Manzocchi, T., Furrer, H., & Johnson, C. (2012). Death, decay and disarticulation: Modelling the skeletal taphonomy of marine reptiles demonstrated using *Serpianosaurus* (Reptilia; Sauropterygia). *Palaeogeography, Palaeoclimatology, Palaeoecology*, 337, 1–13. <https://doi.org/10.1016/j.palaeo.2012.03.018>
- Bechly, G., & Stockar, R. (2011). The first Mesozoic record of the extinct apterygote insect genus



Bibliography of the UNESCO WHL site Monte San Giorgio (Switzerland, Italy)

Fondazione del Monte San Giorgio
D. Albisetti, H. Furrer, 10.10.2024

- Dasyleptus* (Insecta: Archaeognatha: Monura: Dasyleptidae) from the Triassic of Monte San Giorgio (Switzerland). *Palaeodiversity*, 4, 23–37.
- Bellotti, C. (1857). Descrizione di alcune nuove specie di pesci fossili di Perledo e di altre località lombarde. *Studii Geologici e Paleontologici sulla Lombardia*, 419–438.
- Bernasconi, S. M. (1991). *Geochemical and microbial controls on dolomite formation and organic matter production/preservation in anoxic environments*. Diss. Naturwiss. ETH Zürich, Nr. 9432.
- Bernasconi, S. M. (1994). Geochemical and microbial controls on dolomite formation in anoxic environments. A case study from the middle Triassic (Ticino, Switzerland). *Contributions to Sedimentology*, 19, 1–109.
- Bernasconi, S. M., & Riva, A. (1993). Organic geochemistry and depositional environment of a hydrocarbon source rock: The Middle Triassic Grenzbitumenzone formation, southern Alps, Italy/Switzerland. In *Generation, Accumulation and Production of Europe's Hydrocarbons III* (S. 179–190). Springer.
- Bernoulli, D. (1964). Zur Geologie des Monte Generoso (Lombardische Alpen): Ein Beitrag zur Kenntnis der südalpinen Sedimente. *Beiträge zur geologischen Karte der Schweiz (N.F.)*, 118.
- Bernoulli, D. (2020). A small-scale illustration of the principle of transform faulting. *International Journal of Earth Sciences*, 109(7), 2527–2529. <https://doi.org/10.1007/s00531-020-01892-y>
- Bernoulli, D., Ambrosi, C., Sca pozza, C., Castelletti, C., & Wiedenmayer, F. (2017). Foglio 1373 Mendrisio (parte Est) con parte Ovest del foglio Como. *Atlante geologico della Svizzera 1: 25 000, Carta 152*.
- Bernoulli, D., Ambrosi, C., Sca pozza, C., Stockar, R., Schenker, F. L., Gaggero, L., Antognini, M., & Bronzini, S. (2018). Foglio 1373 Mendrisio (parte Est) con parte Ovest del foglio Como. *Atlante geologico della Svizzera 1: 25 000, Note esplicative 152*.
- Bernoulli, D., Govi, M., Graeter, P., Lehner, P., Reinhard, M., & Spicher, A. (1976). Geologischer Atlas der Schweiz 1: 25000, Blatt 1353 Lugano (Atlasblatt 69). *Schweizerische geologische Kommission*.
- Bernoulli, D., & Ulmer, P. (2016). Dropstones in Rosso Ammonitico-facies pelagic sediments of the Southern Alps (southern Switzerland and northern Italy). *Swiss Journal of Geosciences*, 109(1), 57–67. <https://doi.org/10.1007/s00015-015-0205-0>
- Bertotti, G. (1990). Early Mesozoic extension and Alpine tectonics in the western Southern Alps. The geology of the area between Lugano and Menaggio (Lombardy, Northern Italy). *Mem. Sci. geol. (Padova)*, 43, 17–123.
- Besmer, A. (1947). Die Triasfauna der Tessiner Kalkalpen. XVI. Beiträge zur Kenntnis des Ichthyosauriergebisses. *Schweizerische Paläontologische Abhandlungen*, 65, 1–21.



Bibliography of the UNESCO WHL site Monte San Giorgio (Switzerland, Italy)

Fondazione del Monte San Giorgio
D. Albisetti, H. Furrer, 10.10.2024

Bindellini, G. (2022). *Study of the paleontological record of the Besano Formation (Middle Triassic) at «Sasso Caldo», Varese, UNESCO WHL Monte San Giorgio*. Doctoral Thesis. Dipartimento di Scienze della Terra Ardito Desio, Università degli Studi di Milano, Milano.

Bindellini, G., Balini, M., Teruzzi, G., & Dal Sasso, C. (2019). *Ammonoid and Daonella zonation of the Sasso Caldo quarry (Besano Formation, Middle Triassic)*. Strati 2019 Congress.

Bindellini, G., & Dal Sasso, C. (2021a). *First Cymbospondylus from Besano (Middle Triassic, Monte San Giorgio UNESCO WHL)*.

Bindellini, G., & Dal Sasso, C. (2021b). *First skeletal remains of the enigmatic basal diapsid Helveticosaurus from Italy (Besano Formation, Middle Triassic, Monte San Giorgio UNESCO WHL)*. Palaeovertebrata, XVIII annual conference of the European Association of Vertebrate Palaeontologists: volume 44: 28.

Bindellini, G., & Dal Sasso, C. (2022). First skeletal remains of *Helveticosaurus* from the Middle Triassic Italian outcrops of the Southern Alps, with remarks on an isolated tooth. *Rivista italiana di paleontologia e stratigrafia*, 128(3), 625–641. <https://doi.org/10.54103/2039-4942/17397>

Bindellini, G., Wolniewicz, A. S., Miedema, F., Dal Sasso, C., & Scheyer, T. M. (2024). Postcranial anatomy of *Besanosaurus leptorhynchus* (Reptilia: Ichthyosauria) from the Middle Triassic Besano Formation of Monte San Giorgio (Italy/Switzerland), with implications for reconstructing the swimming styles of Triassic ichthyosaurs. *Swiss Journal of Palaeontology*, 143(1), 32. <https://doi.org/10.1186/s13358-024-00330-9>

Bindellini, G., Wolniewicz, A. S., Miedema, F., Scheyer, T. M., & Dal Sasso, C. (2021). Cranial anatomy of *Besanosaurus leptorhynchus* Dal Sasso & Pinna, 1996 (Reptilia: Ichthyosauria) from the Middle Triassic Besano Formation of Monte San Giorgio, Italy/Switzerland: Taxonomic and palaeobiological implications. *PeerJ*, 9. <https://doi.org/10.7717/peerj.11179>

Brack, P., & Rieber, H. (1986). Stratigraphy and ammonoids of the lower Buchenstein Beds of the Brescian Prealps and Giudicarie and their significance for the Anisian/Ladinian boundary. *Eclogae Geologicae Helveticae*, 79(1), 181–225.

Brack, P., & Rieber, H. (1993). Towards a better definition of the Anisian/Ladinian boundary: New biostratigraphic data and correlations of boundary sections from the Southern Alps. *Eclogae Geologicae Helveticae*, 86(2), 415–527.

Brack, P., Rieber, H., Nicora, A., & Mundil, R. (2005). The global boundary stratotype section and point (GSSP) of the Ladinian Stage (Middle Triassic) at Bagolino (Southern Alps, Northern Italy) and its implications for the Triassic time scale. *Episodes*, 28(4), 233. <https://doi.org/10.18814/epiiugs/2005/v28i4/001>

Brinkmann, W. (1994). *Paläontologisches Museum der Universität Zürich. Führer durch die Ausstellung, Zürich*. Verlag Paläontologisches Institut und Museum der Universität Zürich.



Bibliography of the UNESCO WHL site Monte San Giorgio (Switzerland, Italy)

Fondazione del Monte San Giorgio
D. Albisetti, H. Furrer, 10.10.2024

Brinkmann, W. (1996). Ein Mixosaurier (Reptilia, Ichthyosauria) mit Embryonen aus der Grenzbitumenzone (Mitteltrias) des Monte San Giorgio (Schweiz, Kanton Tessin). *Eclogae Geologicae Helvetiae*, 89, 1321–1344.

Brinkmann, W. (1997). Die Ichthyosaurier (Reptilia) aus der Grenzbitumenzone (Mitteltrias) des Monte San Giorgio (Tessin, Schweiz)-der aktuelle Forschungsstand. *Vierteljahrsschrift der Naturforschenden Gesellschaft in Zürich*, 142(4), 165–177.

Brinkmann, W. (1998a). Die Ichthyosaurier (Reptilia) aus der Grenzbitumenzone (Mitteltrias) des Monte San Giorgio (Tessin, Schweiz)-neue Ergebnisse. *Vierteljahrsschrift der Naturforschenden Gesellschaft in Zürich*, 143(4), 165–177.

Brinkmann, W. (1998b). «*Sangiorgiosaurus*» n. G. - Eine neue Mixosaurier-Gattung (Mixosauridae, Ichthyosauria) mit Quetschzähnen aus der Grenzbitumenzone (Mitteltrias) des Monte San Giorgio (Schweiz, Kanton Tessin). *Neues Jahrbuch für Geologie und Paläontologie, Abhandlungen*, 207(1), 125–144. <https://doi.org/10.1127/njgpa/207/1998/125>

Brinkmann, W. (1999). *Ichthyosaurus cornalianus* Bassani, 1886 (currently *Mixosaurus cornalianus*; Reptilia, Ichthyosauria): Proposed designation of a neotype. Case 3122. *Bulletin of Zoological Nomenclature*, 56(4), 247–249. <https://doi.org/10.5962/bhl.part.23086>

Brinkmann, W. (2000). *Mixosaurier (Reptilia, Ichthyosauria) mit antero-posterior verlängerten Quetschzähnen aus der Grenzbitumenzone (Mitteltrias) des Monte San Giorgio (Schweiz, Kanton Tessin)*. *Habilitation-Schrift Universität Zürich*, 187 pp.

Brinkmann, W. (2001). *Ichthyosaurus cornalianus* Bassani, 1886 (currently *Mixosaurus cornalianus*; Reptilia, Ichthyosauria): Neotype designated. Opinion 1977. *Bulletin of Zoological Nomenclature*, 58(2), 158.

Brinkmann, W. (2004). Mixosaurier (Reptilia, Ichthyosauria) mit Quetschzähnen aus der Grenzbitumenzone (Mitteltrias) des Monte San Giorgio (Schweiz, Kanton Tessin): 1 Tabelle. *Schweizerische Paläontologische Abhandlungen*, 124, 1–84.

Brinkmann, W. (2009). *Paläontologisches Museum der Universität Zürich. Führer durch die Ausstellung, 2. Überarbeitete Auflage* (S. 108). Verlag Paläontologisches Institut und Museum Universität Zürich.

Brinkmann, W., & De Baets, K. (2012). *Paleontological Museum of the University of Zürich. Exhibition Guide*. Paleontological Institute and Museum of the University Zurich.

Brough, J. (1939). *The Triassic fishes of Besano, Lombardy*. British Museum Natural History London.

Brusca, C., Gaetani, M., Jadoul, F., & Viel, G. (1981). Paleogeografia e metallogenese del Triassico Sudalpino. In: Correlazioni tra paleogeografia e mineralizzazioni. *Memorie della Società Geologica Italiana*, 22, 65–82.



Bibliography of the UNESCO WHL site Monte San Giorgio (Switzerland, Italy)

Fondazione del Monte San Giorgio
D. Albisetti, H. Furrer, 10.10.2024

- Buccheri, E. B. (2023). *Descrizione e determinazione di un esemplare di rettile pachipleurosauroide dal Triassico medio del Monte San Giorgio* [Master Thesis]. Università degli Studi dell'Insubria.
- Bürgin, T. (1990a). Der Schuppenpanzer von *Habroichthys minimus*, einem ungewöhnlichen Strahlenflosser (Actinopterygii; Peltopleuriformes) aus der Mittleren Trias der Südalpen. *Neues Jahrbuch für Geologie und Paläontologie, Abhandlungen*, 1990/11, 647–658. <https://doi.org/10.1127/njgpm/1990/1990/647>
- Bürgin, T. (1990b). Reproduction in Middle Triassic actinopterygians; complex fin structures and evidence of viviparity in fossil fishes. *Zoological journal of the Linnean Society*, 100(4), 379–391. <https://doi.org/10.1111/j.1096-3642.1990.tb01866.x>
- Bürgin, T. (1992). Basal ray-finned fishes (Osteichthyes; Actinopterygii) from the middle triassic of Monte San Giorgio (Canton Tessin, Switzerland): Systematic palaeontology with notes on functional morphology and palaeoecology. *Schweizerische Paläontologische Abhandlungen*, 114, 1–164.
- Bürgin, T. (1995). Actinopterygian fishes (Osteichthyes; Actinopterygii) from the Kalkschieferzone (Uppermost Ladinian) near Meride (Canton Ticino, Southern Switzerland). *Eclogae Geologicae Helvetiae*, 88(3), 803–826.
- Bürgin, T. (1996). Diversity in the feeding apparatus of perleidid fishes (Actinopterygii) from the Middle Triassic of Monte San Giorgio (Switzerland). In G. Arratia & G. Viohl (Hrsg.), *Mesozoic Fishes—Systematics and Paleoecology* (S. 555–565). Pfeil.
- Bürgin, T. (1998). Pesci fossili del Triassico Medio del Monte San Giorgio (Svizzera meridionale) e della zona di Besano (Italia settentrionale). *Geologica Insubrica*, 3(1), 1–9.
- Bürgin, T. (1999a). Middle Triassic marine fish faunas from Switzerland. *Mesozoic fishes*, 2, 481–494.
- Bürgin, T. (1999b). New actinopterygian fishes (Osteichthyes) from the lower Meride Limestones (Lower Ladinian) of Acqua del Ghiffo (Monte San Giorgio, Southern Switzerland). 3rd International symposium on lithographic limestones. *Rivista Museo civico Scienze Naturali „Enrico Caffi“*, supplemento al Vol. 20, 57–62.
- Bürgin, T. (2004). *Eosemionotus ceresiensis sp. Nov., a new semionotiform fish (Actinopterygii, Halecostomi) from the Middle Triassic of Monte San Giorgio (Southern Switzerland)*.
- Bürgin, T. (2024). The research history of the Middle Triassic fishes of Monte San Giorgio: Getting out of the shadow of aquatic reptiles. *Swiss Journal of Palaeontology*, 143(1), 16. <https://doi.org/10.1186/s13358-024-00313-w>
- Bürgin, T., Rieppel, O., Sander, M., & Tschanz, K. (1989a). Trias-Fossilien aus dem Ur-Mittelmeer. *Spektrum der Wissenschaft*, 8, 110–119.
- Bürgin, T., Rieppel, O., Sander, P. M., & Tschanz, K. (1989b). Science in Pictures: The Fossils of Monte San Giorgio. *Scientific American*, 260, 74–81. <https://doi.org/10.1038/scientificamerican0689-74>



Bibliography of the UNESCO WHL site Monte San Giorgio (Switzerland, Italy)

Fondazione del Monte San Giorgio
D. Albisetti, H. Furrer, 10.10.2024

Bürgin, T., Rieppel, O., Sander, P. M., & Tschanz, K. (1989c). The Fossils of Monte San Giorgio. An ancient sea provides a rich assemblage of vertebrates from the Triassic period. *Scientific American*, 260(6), 74–81. <https://doi.org/10.1038/scientificamerican0689-74>

Carroll, R. L., & Gaskill, P. (1985). The nothosaur *Pachypleurosaurus* and the origin of plesiosaurs. *Philosophical Transactions of the Royal Society of London B: Biological Sciences*, 309(1139), 343–393. <https://doi.org/10.1098/rstb.1985.0091>

Cassani, R., Fratarcangeli, M., Galli, B., & Trapletti, A. (2001). *Le predere ovvero le cave*. Parrocchia Santo Stefano.

Cassani, R., Galli, B., & Trapletti, A. (2003). *Le predere «rosse» di Arzo, di Besazio e di Tremona*. Parrocchia Santo Stefano.

Cavin, L., Furrer, H., & Obrist, C. (2013). New coelacanth material from the Middle Triassic of eastern Switzerland, and comments on the taxic diversity of actinistians. *Swiss Journal of Geosciences*, 106(2), 161–177. <https://doi.org/10.1007/s00015-013-0143-7>

Cavin, L., Menecart, B., Obrist, C., Costeur, L., & Furrer, H. (2017). Heterochronic evolution explains unusual body shape in a a triassic coelacanth from Switzerland. *Scientific reports*, 7(13695). <https://doi.org/10.1038/s41598-017-13796-0>

Chicarelli, M. I., Hayes, J. M., Popp, B. N., Eckardt, C. B., & Maxwell, J. R. (1993). Carbon and nitrogen isotopic compositions of alkyl porphyrins from the Triassic Serpiano oil shale. *Geochimica et cosmochimica acta*, 57(6), 1307–1311. [https://doi.org/10.1016/0016-7037\(93\)90067-7](https://doi.org/10.1016/0016-7037(93)90067-7)

Cornalia, E. (1854). Notizie zoologiche sul *Pachypleura edwardsii* Cor. Nuovo sauro acrodonte degli strati triasici di Lombardia. *Giornale dell'Istituto Lombardo di Scienze, Lettere ed Arti*, 6, 45–56.

Crippa, C. P. (2022). *Studio dell'unico esemplare italiano di Ticinosuchus ferox (Reptilia, Archosauria), proveniente dalla Formazione di Besano (Triassico Medio), sito UNESCO del Monte San Giorgio* [Unpublished Master thesis]. Università degli Studi di Milano.

Crippa, C. P., Bindellini, G., Balini, M., & Dal Sasso, C. (2022). *Redescription of BES RP 189 (Reptilia, Archosauria), from the Middle Triassic of Besano (Monte San Giorgio, UNESCO WHL, Southern Alps, Italy/Switzerland)*. Marramà G. & Carnevale G. (eds.) *Paleodays 2022, XXII Edizione delle Giornate di Paleontologia, Volume dei riassunti&guida all'escursione*, 55.

Curioni, G. (1847). Cenni sopra un nuovo Saurio fossile dei monti di Perledo sul Lario e sul terreno che lo racchiude. *Giornale del Reale Istituto Lombardo di Scienze, Lettere ed Arti*, 16, 159–170.

Curioni, G. (1863). Sui giacimenti metalliferi e bituminosi nei terreni triasici di Besano: Memoria di Giulio Curioni... Letta nelle tornate dell'8 e del 25 gennaio 1863. *Mem. Ist. Lomb. Sci. Lett.*, 9, 241–268.

Dal Sasso, C., & Pinna, G. (1996). *Besanosaurus leptorhynchus* n. Gen. N. Sp., a new shastasaurid



Bibliography of the UNESCO WHL site Monte San Giorgio (Switzerland, Italy)

Fondazione del Monte San Giorgio
D. Albisetti, H. Furrer, 10.10.2024

- ichthyosaur from the Middle Triassic of Besano (Lombardy, N. Italy). *Paleontologia Lombarda, ns, n.s.* 4, 1–23.
- Dallaneve, E., & Muttoni, G. (2007). Analisi paleomagnetica della sezione triassica del Monte San Giorgio. *Geologia Insubrica*, 10(2).
- De Alessandri, G. (1910). Studii sui pesci triasici della Lombardia. *Memorie della Società Italiana Scienze naturali*, 7, 1–147.
- de Beaumont, G. (1960). Contribution à l'étude des genres *Orthacodus* Woodw et *Notidanus* Cuv. (Selachii). *Société Helvétique des Sciences naturelles*, 77, 1–46.
- Etter, W. (1994). A new penaeid shrimp (*Antrimpos mirigiolensis* n. Sp., Crustacea, Decapoda) from the Middle Triassic of the Monte San Giorgio (Ticino, Switzerland) With 2 figures in the text. *Neues Jahrbuch für Geologie und Palaontologie-Monatshefte*, 4, 223–230. <https://doi.org/10.1127/njgpm/1994/1994/223>
- Etter, W. (2002). Monte San Giorgio: Remarkable Triassic marine vertebrates. In D. Bottjer, W. Etter, J. W. Hagadorn, & C. M. Tang (Hrsg.), *Exceptional fossil preservation: A unique view on the evolution of marine life*. (S. 221–242). Columbia University Press.
- Felber, M. (1988). A caccia di rettili sul Monte San Giorgio. *TI-QUATTRO*, 4.
- Felber, M. (2005). *Il Monte San Giorgio*. Casagrande.
- Felber, M., Furrer, H., & Tintori, A. (1997). I pesci fossili del Ticino. In *La pesca nel cantone Ticino* (S. 267–286). L. Locatelli (ed.), Armando Dadò.
- Felber, M., Furrer, H., & Tintori, A. (2004). The Triassic of Monte San Giorgio in the World Heritage List of UNESCO: An opportunity for science, the local people and tourism. *Eclogae Geologicae Helvetiae*, 97(1), 1–2. <https://doi.org/10.1007/s00015-004-1118-5>
- Felber, M., Gentilini, G., Furrer, H., & Tintori, A. (2000). Geo-Guida del Monte San Giorgio (Ticino/Svizzera-Provincia di Varese/Italia). *Geologia Insubrica*, 5(1).
- Felber, M., Heitzmann, P., Furrer, H., Maggiori, M., & Weissert, H. (1999). Escursione geotopi nel Ticino in occasione dell'Assemblea dell'Accademia Svizzera di Scienze Naturali ad Airolo (23-26 settembre 1998). *Geologia Insubrica*, 4(1), 99–124.
- Felber, M., & Tintori, A. (2011). Geoguida del Monte San Giorgio. Sito del patrimonio mondiale dell'UNESCO (Svizzera–Italia). Carta escursionistica scientifico–didattica 1:15.000. *Geologia Insubrica*.
- Felber, M., & Tintori, A. (2013). Monte San Giorgio Geoguide. UNESCO World Heritage Site (Switzerland–Italy). Scientific–didactic hiking map 1:15.000. *Geologia Insubrica*.
- Ferrante, C., & Cavin, L. (2023). Early Mesozoic burst of morphological disparity in the slow-evolving coelacanth fish lineage. *Scientific reports*, 13(1), 11356. <https://doi.org/10.1038/s41598-023-37849-9>



Bibliography of the UNESCO WHL site Monte San Giorgio (Switzerland, Italy)

Fondazione del Monte San Giorgio
D. Albisetti, H. Furrer, 10.10.2024

- Ferrante, C., Furrer, H., Martini, R., & Cavin, L. (2023). Revision of the Middle Triassic coelacanth *Ticinepomis* Rieppel 1980 (Actinistia, Latimeriidae) with paleobiological and paleoecological considerations. *Swiss Journal of Palaeontology*, 142(1), 1–33. <https://doi.org/10.1186/s13358-023-00276-4>
- Ferrante, C., Martini, R., Furrer, H., & Cavin, L. (2017). Coelacanths from the Middle Triassic of Switzerland and the pace of actinistian evolution. *Research & Knowledge*, 3(2), 59–62.
- Finardi, G., Prof. Renesto, S. C., & Magnani, F. (2023). *Analisi di alcuni esemplari giovanili di rettili pachipleurosauri del Triassico medio del Monte San Giorgio* [Master Thesis]. Università degli Studi dell'Insubria.
- Franceschi, F. (2017). *Nuovo approccio allo studio della variabilità nel genere Peltopleurus Kner, 1866 (Osteichthyes, Actinopterygii) del Triassico Medio di Meride (CH): Risultati preliminari* [Bachelor Thesis]. Università degli Studi di Milano.
- Franceschi, F., & Masini, S. (2018). *Statistical analysis of a complex Triassic Subholostean group: New approaches to the taxonomy of Peltopleurus from the Meride Limestone (IT-CH)*. XVIII PaleoDays SPI 2018, Trento. Società Paleontologica Italiana.
- Frauenfelder, A. (1916). Beiträge zur Geologie der Tessiner Kalkalpen. Inaugural-Dissertation... Von Albert Frauenfelder. *Eclogae Geologicae Helveticae*, 14(2), 247–371.
- Furrer, H. (1995). The Kalkschieferzone (Upper Meride Limestone; Ladinian) near Meride (Canton Ticino, Southern Switzerland) and the evolution of a Middle Triassic intraplateau basin. *Eclogae Geologicae Helveticae*, 88(3), 827–852.
- Furrer, H. (1998a). De nouvelles fouilles paléontologiques dans le Trias moyen du Monte San Giorgio (TI). *Schweizer Strahler*, 11(5), 187–192.
- Furrer, H. (1998b). Neue Fossilien-Grabungen in der Mitteltrias des Monte San Giorgio, TI. *Schweizer Strahler*, 11(5), 177–184.
- Furrer, H. (1999a). Aktuelle Grabungen in den Unteren Meride-Kalken bei Acqua del Ghiffo. In *Katalog zur Sonderschau «Paläontologie in Zürich»* (Zoologisches Museum der Universität Zürich, S. 87–103).
- Furrer, H. (1999b). New excavations in marine Middle Triassic Fossil-Lagerstätten at Monte San Giorgio (Canton Ticino, Southern Switzerland) and the Ducan mountains near Davos (Canton Graubünden, Eastern Switzerland). *3rd International symposium on lithographic limestones, Rivista Museo civico Scienze Naturali „Enrico Caffi“, supplemento al volume 20*, 85–88.
- Furrer, H. (2001). *Fossil-Lagerstätten in the Lower Meride Limestone, Ladinian. Guide to the field trip to Acqua del Ghiffo near Crocifisso, Meride TI*. 3.
- Furrer, H. (2003). Der Monte San Giorgio im Südtessin-vom Berg der Saurier zur fossil-Lagerstätte internationaler Bedeutung. *Neujahrsblatt der Naturforschenden Gesellschaft Zürich*, 206, 64 pp.



Bibliography of the UNESCO WHL site Monte San Giorgio (Switzerland, Italy)

Fondazione del Monte San Giorgio
D. Albisetti, H. Furrer, 10.10.2024

- Furrer, H. (2015). Saurichthys: *Versteinerte Jäger der Urzeitmeere*. Paläontologisches Museum der Universität Zürich.
- Furrer, H. (2016). Das neue Fossilienmuseum des Monte San Giorgio von Meride im Tessin. *Fossilien - Journal für Erdgeschichte*, 2/2016, 48–51.
- Furrer, H. (2023a). *Geschichte des Bergwerks Miniera Tre Fontane in Meride*. Fondazione del Monte San Giorgio.
- Furrer, H. (2023b). *Storia della Miniera Tre Fontane a Meride*. Fondazione del Monte San Giorgio.
- Furrer, H. (2024). The history of palaeontological research and excavations at Monte San Giorgio. *Swiss Journal of Palaeontology*, 143(18). <https://doi.org/10.1186/s13358-024-00314-9>
- Furrer, H., & Vandelli, A. (2014a). *Führer zum Fossilienmuseum des Monte San Giorgio Meride*. Fondazione del Monte San Giorgio.
- Furrer, H., & Vandelli, A. (2014b). *Guida al museo dei fossili del Monte San Giorgio, Meride*. Fondazione del Monte San Giorgio.
- Furrer, H., & Vandelli, A. (2014c). *Guide au Musée des fossiles du Monte San Giorgio Meride*. Fondazione del Monte San Giorgio.
- Furrer, H., & Vandelli, A. (2014d). *Guide to the Museum of fossils from Monte San Giorgio Meride*. Fondazione del Monte San Giorgio.
- Gaetani, M., Gnaccolini, M., Poliani, G., Grignani, D., Gorza, M., & Martellini, L. (1991). An anoxic intraplate basin in the Middle Triassic of Lombardy (Southern Alps, Italy): Anatomy of a hydrocarbon source. *Rivista italiana di paleontologia e stratigrafia*, 97(3–4), 329–354.
- Galli, B., & Gattoni, G. (1995). *Il Picasass. Storia del mestiere e degli uomini che hanno fatto la storia di Viggiù: Bd. 127 pp.* Macchione Edizioni.
- Gere, K., Nagy, A. L., Scheyer, T. M., Werneburg, I., & Ósi, A. (2024). Complex dental wear analysis reveals dietary shift in Triassic placodonts (Sauropsida, Sauropterygia). *Swiss Journal of Palaeontology*, 143(1), 4. <https://doi.org/10.1186/s13358-024-00304-x>
- Goudemand, N., Orchard, M. J., Urdy, S., Bucher, H., & Tafforeau, P. (2011). Synchrotron-aided reconstruction of the conodont feeding apparatus and implications for the mouth of the first vertebrates. *Proceedings of the National Academy of Sciences*, 108(21), 8720–8724. <https://doi.org/10.1073/pnas.1101754108>
- Greber, E., Leu, W., Bernoulli, D., Schumacher, M. E., & Wyss, R. (1997). Hydrocarbon provinces in the Swiss Southern Alps—A gas geochemistry and basin modelling study. *Marine and Petroleum Geology*, 14(1), 3–25. [https://doi.org/10.1016/S0264-8172\(96\)00037-2](https://doi.org/10.1016/S0264-8172(96)00037-2)
- Guttormsen, S. E. (1937). Beiträge zur Kenntnis des Ganoidengebisses, insbesondere des Gebisses von



Bibliography of the UNESCO WHL site Monte San Giorgio (Switzerland, Italy)

Fondazione del Monte San Giorgio
D. Albisetti, H. Furrer, 10.10.2024

Colobodus. *Schweizerische Paläontologische Abhandlungen*, 56, 1–41.

Hänni, K. (1998). The diet of a juvenile sauropterygian (Reptilia) in a Triassic lagoon. *Geologia Insubrica*, 3(1), 17–21.

Hänni, K. (1999). Ein Saurier erwacht zu neuem Leben. *Ceresiosaurus*: Vom Fossil zum Lebensbild. *Paläontologie in Zürich. Fossilien und ihre Erforschung in Geschichte und Gegenwart*, 105–113.

Hänni, K. (2004). *Die Gattung Ceresiosaurus*. *Ceresiosaurus calgagnii Peyer und Ceresiosaurus lanzi n. Sp. (Lariosauridae, Sauropterygia)*. PhD Thesis. Paläontologisches Institut und Museum, University of Zürich, Zürich. 146 pp.

Hellmann, K. N., & Lippolt, H. J. (1981). Calibration of the middle Triassic time scale by conventional K-Ar and ⁴⁰Ar/³⁹Ar dating of alkali feldspars. *Journal of Geophysics*, 50, 73–88.

Hess, H. (2006). Crinoids (Echinodermata) from the Lower Jurassic (Upper Plienbachian) of Arzo, southern Switzerland. *Schweizerische Paläontologische Abhandlungen*, 126.

Houssaye, A., Scheyer, T. M., Kolb, C., Fischer, V., & Sander, P. M. (2014). A new look at ichthyosaur long bone microanatomy and histology: Implications for their adaptation to an aquatic life. *PloS one*, 9(4), e95637. <https://doi.org/10.1371/journal.pone.0095637>

Hradil, G., & Almasy, F. (1938). Über den chemischen Bestand des Ölschiefersbitumens von Meride im Kanton Tessin. *Schweizerische Mineralogische und Petrographische Mitteilungen*, 18, 451–459.

Hugi, J. (2011). The long bone histology of *Ceresiosaurus* (Sauropterygia, Reptilia) in comparison to other eosauroptrygians from the Middle Triassic of Monte San Giorgio (Switzerland/Italy). *Swiss Journal of Palaeontology*, 130(2), 297–306. <https://doi.org/10.1007/s13358-011-0023-6>

Hugi, J., & Scheyer, T. M. (2012). Ossification sequences and associated ontogenetic changes in the bone histology of pachypleurosaurids from Monte San Giorgio (Switzerland/Italy). *Journal of Vertebrate Paleontology*, 32(2), 315–327. <https://doi.org/10.1080/02724634.2012.646376>

Hugi, J., Scheyer, T. M., Sander, P. M., Klein, N., & Sánchez-Villagra, M. R. (2011). Long bone microstructure gives new insights into the life of pachypleurosaurids from the Middle Triassic of Monte San Giorgio, Switzerland/Italy. *Comptes Rendus Palevol*, 10(5), 413–426. <https://doi.org/10.1016/j.crpv.2011.03.009>

Jadoul, F., & Rossi, P. M. (1982). *Evoluzione paleogeografico-strutturale e vulcanismo triassico nella Lombardia centro-occidentale*. Istituti di geologia e paleontologia dell'Università degli studi di Milano.

Jaquier, V. P., Fraser, N. C., Furrer, H., & Scheyer, T. M. (2017). Osteology of a new specimen of *Macrocnemus* aff. *M. fuyuanensis* (Archosauromorpha, Protosauria) from the Middle Triassic of Europe: Potential implications for species recognition and paleogeography of tanystropheid protosaurs. *Frontiers in Earth Science*, 5, 91. <https://doi.org/10.3389/feart.2017.00091>



Bibliography of the UNESCO WHL site Monte San Giorgio (Switzerland, Italy)

Fondazione del Monte San Giorgio
D. Albisetti, H. Furrer, 10.10.2024

- Jeannet, A. (1933). Note sur un *Miocidaris* nouveau. *Schweizerische Paläontologische Abhandlungen*, 53, 1–7.
- Kälin, O., & Trümpy, D. M. (1977). Sedimentation und paläotektonik in den westlichen Südalpen: Zur triasisch-jurassischen geschichte des Monte Nudo-Beckens. *Eclogae geol. Helv.*, 70(2), 295–350.
- Katz, B. J., Dittmar, E. I., & Ehret, G. E. (2000). A geochemical review of carbonate source rocks in Italy. *Journal of Petroleum Geology*, 23(4), 399–424. <https://doi.org/10.1111/j.1747-5457.2000.tb00494.x>
- Klein, N., Sander, P. M., Liu, J., Druckenmiller, P., Metz, E. T., Kelley, N. P., & Scheyer, T. M. (2023). Comparative bone histology of two thalattosaurians (Diapsida: Thalattosauria): *Askeptosaurus italicus* from the Alpine Triassic (Middle Triassic) and a Thalattosauroida indet. From the Carnian of Oregon (Late Triassic). *Swiss Journal of Palaeontology*, 142(1). <https://doi.org/10.1186/s13358-023-00277-3>
- Klug, C., Scheyer, T. M., Klein, N., Liu, J., Albisetti, D., Furrer, H., & Stockar, R. (2024). Special Issue: 100 years of scientific excavations at UNESCO World Heritage Site Monte San Giorgio and global research on Triassic marine Lagerstätten. *Swiss Journal of Palaeontology*, 143(1), 37. <https://doi.org/10.1186/s13358-024-00328-3>
- Klug, C., Sivgin, T., Miedema, F., Scheffold, B., Reisdorf, A. G., Stössel, I., Maxwell, E. E., & Scheyer, T. M. (2024). Swiss ichthyosaurs: A review. *Swiss Journal of Palaeontology*, 143(1), 31.
- Klug, C., Spiekman, S. N. F., Bastiaans, D., Scheffold, B., & Scheyer, T. M. (2024). The marine conservation deposits of Monte San Giorgio (Switzerland, Italy): The prototype of Triassic black shale Lagerstätten. *Swiss Journal of Palaeontology*, 143(1), 11. <https://doi.org/10.1186/s13358-024-00308-7>
- Kolb, C., Sánchez-Villagra, M. R., & Scheyer, T. M. (2011). The palaeohistology of the basal ichthyosaur *Mixosaurus* (Ichthyopterygia, Mixosauridae) from the Middle Triassic: Palaeobiological implications. *Comptes Rendus Palevol*, 10(5), 403–411. <https://doi.org/10.1016/j.crpv.2010.10.008>
- Kopp, J. (1953). Die Kohlenwasserstoff-Vorkommen des Sottoceneri. *Bull. Ver. Schweiz. Petrol. Geol. u. Ing.*, 20, 13–17.
- Krebs, B. (1963). Bau und Funktion des Tarsus eines Pseudosuchiers aus der Trias des Monte San Giorgio (Kanton Tessin, Schweiz). *Paläontologische Zeitschrift*, 37(1), 88–95. <https://doi.org/10.1007/BF02989602>
- Krebs, B. (1965). Die Triasfauna der Tessiner Kalkalpen. XIX. *Ticinosuchus ferox* nov. Gen. Nov. Sp. *Schweizerischen Paläontologischen Abhandlungen*, 81(Sonderabdruck), 1–140.
- Krzeminski, W., & Lombardo, C. (2001). New fossil ephemeroptera and coleoptera from the Ladinian (Middle Triassic) of Canton Ticino (Switzerland). *Rivista Italiana di Paleontologia e Stratigrafia (Research In Paleontology and Stratigraphy)*, 107(1).
- Kuhn, E. (1941). Über die Fauna der Bitumina von Campione. *Eclogae Geologicae Helvetiae*, 34(2),



Bibliography of the UNESCO WHL site Monte San Giorgio (Switzerland, Italy)

Fondazione del Monte San Giorgio
D. Albisetti, H. Furrer, 10.10.2024

292–297.

Kuhn, E. (1942). Über einen weiteren Fund von *Paraplagodus broilii* PEYER aus der Trias des Monte San Giorgio. *Eclogae Geologicae Helvetiae*, 35(2), 174–183.

Kuhn, E. (1946a). Der Schädel von *Askeptosaurus italicus* Nopcsa. *Eclogae Geologicae Helvetiae*, 39, 363.

Kuhn, E. (1946b). Über *Acrodus*-Funde aus dem Grenzbitumenhorizont der anisischen Stufe der Trias des Monte San Giorgio (Kanton Tessin). *Eclogae Geologicae Helvetiae*, 38(2), 662–673.

Kuhn, E. (1946c). Über einen Fund von *Birgeria* aus der Trias des Monte San Giorgio (Kanton Tessin). *Eclogae Geologicae Helvetiae*, 39, 363–364.

Kuhn-Schnyder, E. (1979). *Die Fossilien des Monte San Giorgio. Führer zum Paläontologischen Museum Meride (Kanton Tessin)*. Kurhotel Serpiano.

Kuhn-Schnyder, E. (1954a). The origin of lizards. *Endeavour*, 13(52), 213–219.

Kuhn-Schnyder, E. (1954b). Über die Herkunft der Eidechsen. *Endeavour*, 13(52), 215–221.

Kuhn-Schnyder, E. (1959a). *Hand und Fuss von Tanystropeus longobardicus (Bassani)*. Paläontologisches Institut der Universität Zürich.

Kuhn-Schnyder, E. (1959b). Über das Gebiss von *Cyamodus*. *Vierteljahrschrift der Naturforschenden Gesellschaft Zürich*, 104, 174–188.

Kuhn-Schnyder, E. (1960a). Über einen Schultergürtel von *Askeptosaurus italicus* Nopcsa aus der anisischen Stufe der Trias des Monte San Giorgio (Kanton Tessin, Schweiz). *Eclogae Geologicae Helvetiae*, 53(2), 805–810.

Kuhn-Schnyder, E. (1960b). Über Placodontier. *Paläontologische Zeitschrift*, 34(1), 91–102. <https://doi.org/10.1007/BF02987045>

Kuhn-Schnyder, E. (1961). Der Schädel von *Simosaurus*. *Paläontologische Zeitschrift*, 35, 95–113. <https://doi.org/10.1007/BF02987052>

Kuhn-Schnyder, E. (1962a). Ein weiterer Schädel von *Macrocnemus bassanii* Nopcsa aus der anisischen Stufe der Trias des Monte San Giorgio (Kanton Tessin, Schweiz). *Paläontologische Zeitschrift*, 36, 110–133. <https://doi.org/10.1007/BF02987896>

Kuhn-Schnyder, E. (1962b). *La position des nothosauridés dans le système des reptiles*. Institut paléontologique de l'Université de Zurich.

Kuhn-Schnyder, E. (1963). I Sauri del Monte San Giorgio. *Archivio Storico Ticinese*, 854(811).

Kuhn-Schnyder, E. (1964). Die Wirbeltierfauna der Trias der Tessiner Kalkalpen. *Geologische Rundschau*, 53(1), 393–412. <https://doi.org/10.1007/BF02040759>



Bibliography of the UNESCO WHL site Monte San Giorgio (Switzerland, Italy)

Fondazione del Monte San Giorgio
D. Albisetti, H. Furrer, 10.10.2024

- Kuhn-Schnyder, E. (1966). Der Schädel von *Paranothosaurus amsleri* Peyer aus dem Grenzbitumenhorizont der anisisch-ladinischen Stufe der Trias des Monte San Giorgio (Kanton Tessin, Schweiz). *Eclogae Geologicae Helveticae*, 59(1), 517–540.
- Kuhn-Schnyder, E. (1967). Das Problem der Euryapsida. *Mitteilungen aus dem Paläontologischen Institut der Universität Zürich*, 49, 335–348.
- Kuhn-Schnyder, E. (1968). *Alles Lebendige meint den Menschen: Die Grabungen am Monte San Giorgio im Tessin*. Paläontologisches Institut der Universität Zürich.
- Kuhn-Schnyder, E. (1970a). *Die Saurier vom Monte San Giorgio im Tessin*. Paläontologisches Institut der Universität Zürich.
- Kuhn-Schnyder, E. (1970b). *I sauri del Monte San Giorgio nel canton Ticino*. Paläontologisches Institut der Universität Zürich.
- Kuhn-Schnyder, E. (1970c). *The saurians of Monte San Giorgio in the Ticino*. Paläontologisches Institut der Universität Zürich.
- Kuhn-Schnyder, E. (1971). Über einen Schädel von *Askeptosaurus italicus* Nopcsa aus der Mittleren Trias des Monte San Giorgio (Kanton Tessin, Schweiz). *Abhandlungen des Hessischen Landesamtes für Bodenforschung*, 60, 89–98.
- Kuhn-Schnyder, E. (1974). Die Triasfauna der Tessiner Kalkalpen. *Neujahrblatt der Naturforschenden Gesellschaft Zürich*, 176, 1–119.
- Kuhn-Schnyder, E. (1975). Louis Agassiz als Paläontologe. *Schweizerische Naturforschende Gesellschaft*, 88, 23–113.
- Kuhn-Schnyder, E. (1976). *Guida al Museo Paleontologico di Meride*. Associazione Conservazioniste del Cantone Ticino.
- Kuhn-Schnyder, E. (1987). Die Triasfauna der Tessiner Kalkalpen. XXVI. *Lariosaurus lavizzarii* new species (Reptiplia; Sauropterygia). *Schweizerische Paläontologische Abhandlungen*, 110, 1–24.
- Kuhn-Schnyder, E. (1988). Bemerkungen zur Ordnung der Thalattosauria (Reptilia). *Eclogae Geologicae Helveticae*, 81(3), 879–886.
- Kuhn-Schnyder, E. (1989). *Lariosaurus buzzii* new-species from the Middle Triassic of Monte San Giorgio (Switzerland) with comments on the classification of Nothosaurs. *Palaeontographica Abteilung A Palaeozoologie-Stratigraphie*, 208(4–6), 153–179.
- Kuhn-Schnyder, E. (1990). Über Nothosauria (Sauropterygia, Reptilia)—Ein Diskussionsbeitrag. *Paläontologische Zeitschrift*, 64(3–4), 313–316. <https://doi.org/10.1007/BF02985721>
- Kuhn-Schnyder, E. (1994). Bemerkungen über Pachypleurosaurier aus der Mitteltrias des Monte San Giorgio, Schweiz. *Eclogae Geologicae Helveticae*, 87(3), 1023–1027.



Bibliography of the UNESCO WHL site Monte San Giorgio (Switzerland, Italy)

Fondazione del Monte San Giorgio
D. Albisetti, H. Furrer, 10.10.2024

- Kuhn-Schnyder, E., & Gilardoni, S. (1964). *I sauri del Monte San Giorgio* (Bd. 39). Cooperazione.
- Kuhn-Schnyder, E., & Vonderschmitt, L. (1954). Geologische und paläontologische Probleme des Südtessins. *Eclogae Geologicae Helveticae*, 46(2), 223–236.
- Kündig, R., Mumenthaler, T., Eckhardt, P., Keusen, H. R., Schindler, C., Hofmann, F., Vogler, R., & Guntli, P. (1997). Die mineralischen Rohstoffe der Schweiz, Schweizerische Geotechnische Kommission. *London Times (2003)*, 15, 2003.
- Kustatscher, E., & van Konijnenburg-van Cittert, J. (2005). The Ladinian Flora (Middle Triassic) of the Dolomites: Palaeoenvironmental reconstructions and palaeoclimatic considerations. *Geo.Alp*, 2, 31–51.
- Kustatscher, E., & Van Konijnenburg-van Cittert, J. H. A. (2007). Taxonomical and palaeogeographic considerations on the seedfern genus *Ptilozamites*. *Neues Jahrbuch für Geologie und Paläontologie Abhandlungen*, 47, 71–100. <https://doi.org/10.1127/0077-7749/2007/0243-0071>
- Larghi, C., Tintori, A., Basso, D., Danini, G., & Felber, M. (2019). A new Ladinian (Middle Triassic) mysidacean shrimp (Crustacea, Lophogastrida) from northern Italy and southern Switzerland. *Journal of Paleontology*, 1–13. <https://doi.org/10.1017/jpa.2019.75>
- Laubscher, H., & Bernoulli, D. (1980). *Cross-section from the Rhine graben to the Po plain. Geology of Switzerland, Part B: Geological Excursions*, 183–209.
- Lautenschlager, S., & Desojo, J. B. (2011). Reassessment of the Middle Triassic rauisuchian archosaurs *Ticinosuchus ferox* and *Stagonosuchus nyassicus*. *Paläontologische Zeitschrift*, 85(4), 357–381. <https://doi.org/10.1007/s12542-011-0105-1>
- Libera, P. A. (2022). Scoperte paleontologiche e sfruttamento industriale: Il caso degli scisti bituminosi e dei fossili di Besano nell'Ottocento. *Storia in Lombardia*, 1/2022, 5–47. <https://doi.org/10.3280/SIL2022-001001>
- Lombardo, C. (1997). Ittiofauna della Kalkschieferzone (Calcare di Meride, Ladinico superiore) di Ca' del Frate (Viggù-Varese). *Unpublished Ph. D. thesis Università degli studi di Milano, Italy*, 1–198.
- Lombardo, C. (1999). Sexual dimorphism in a new species of the actinopterygian *Peltopleurus* from the Triassic of northern Italy. *Palaeontology*, 42(4), 741–760. <https://doi.org/10.1111/1475-4983.00095>
- Lombardo, C. (2001). Actinopterygians from the Middle Triassic of northern Italy and Canton Ticino (Switzerland): Anatomical descriptions and nomenclatural problems. *Rivista Italiana di Paleontologia e Stratigrafia (Research In Paleontology and Stratigraphy)*, 107(3).
- Lombardo, C. (2002). *Caelatichthys* gen. N.: A new palaeonisciform from the Middle Triassic of Northern Italy and Canton Ticino (Switzerland). *Rivista Italiana di Paleontologia e Stratigrafia (Research In Paleontology and Stratigraphy)*, 108(3).



Bibliography of the UNESCO WHL site Monte San Giorgio (Switzerland, Italy)

Fondazione del Monte San Giorgio
D. Albisetti, H. Furrer, 10.10.2024

Lombardo, C. (2013). A new basal actinopterygian fish from the Late Ladinian of Monte San Giorgio (Canton Ticino, Switzerland). *Swiss Journal of Geosciences*, 106(2), 219–230. <https://doi.org/10.1007/s00015-013-0125-9>

Lombardo, C., & Tintori, A. (2002). *The Kalkschieferzone of the Monte San Giorgio area: Marine vs fresh-water environment (pp. 64–65). Workshop on freshwater & brackish (paleo) ecosystem.* Workshop on freshwater & brackish (paleo) ecosystem.

Lombardo, C., & Tintori, A. (2004). New Perleidiforms from the Triassic of the Southern Alps and the revision of *Serrolepis* from the Triassic of Wüttemberg (Germany). *Mesozoic fishes*, 3, 179–196.

Lombardo, C., Tintori, A., Danini, G., Felber, M., Moratto, D., Pacor, G., & Tentor, M. (1998). Nota preliminare sul primo ritrovamento di un insetto fossile nell'area del Monte San Giorgio (Cantone Ticino, Svizzera). *Geologia Insubrica*, 3(1), 33–34.

Lombardo, C., Tintori, A., & Tona, D. (2012). A new species of *Sangiorgioichthys* (Actinopterygii, Semionotiformes) from the Kalkschieferzone of Monte San Giorgio (Middle Triassic; Meride, Canton Ticino, Switzerland). *Bollettino della Società Paleontologica Italiana*, 51(3), 203–212. <https://doi.org/10.4435/BSPI.2012.23>

López-Arbarello, A., Bürgin, T., Furrer, H., & Stockar, R. (2016). New holostean fishes (Actinopterygii: Neopterygii) from the Middle Triassic of the Monte San Giorgio (Canton Ticino, Switzerland). *PeerJ*, 4, e2234. <https://doi.org/10.7717/peerj.2234>

López-Arbarello, A., Bürgin, T., Furrer, H., & Stockar, R. (2019). Taxonomy and phylogeny of *Eosemionotus* Stolley, 1920 (Neopterygii: Ginglymodi) from the Middle Triassic of Europe. *Palaeontologia Electronica*, 22(1), 1–64.

López-Arbarello, A., & Sferco, E. (2018). Neopterygian phylogeny: The merger assay. *Royal Society open science*, 5(3), 172337. <https://doi.org/10.1098/rsos.172337>

López-Arbarello, A., Stockar, R., & Bürgin, T. (2014). Phylogenetic Relationships of the Triassic *Archaeosemionotus* Deecke (Halecomorphi, Ionoscopiformes) from the 'Perledo Fauna'. *PloS one*, 9(10). <https://doi.org/10.1371/journal.pone.0108665>

Magnani, F., Stockar, R., & Lourenço, W. R. (2022). A new family, genus and species of fossil scorpion from the Meride Limestone (Middle Triassic) of Monte San Giorgio (Switzerland). *Faunitaxys*, 10(24), 1–7.

Maisch, M. W., & Matzke, A. T. (1997). *Mikadocephalus gracilirostris* n. Gen., n. Sp., a new ichthyosaur from the Grenzbitumenzone (Anisian-Ladinian) of Monte San Giorgio (Switzerland). *Paläontologische Zeitschrift*, 71(3–4), 267–289. <https://doi.org/10.1007/BF02988496>

Maisch, M. W., Matzke, A. T., & Brinkmann, W. (2006). The otic capsule of the Middle Triassic ichthyosaur *Mixosaurus* from Monte San Giorgio (Switzerland): New evidence on the braincase



Bibliography of the UNESCO WHL site Monte San Giorgio (Switzerland, Italy)

Fondazione del Monte San Giorgio
D. Albisetti, H. Furrer, 10.10.2024

- structure of basal ichthyosaurs. *Eclogae Geologicae Helvetiae*, 99(2), 205–210. <https://doi.org/10.1007/s00015-006-1189-6>
- Maisch, W. M., & Matzke, A. T. (1998). Observations on Triassic ichthyosaurs. Part II: A new ichthyosaur with palatal teeth from Monte San Giorgio. *Neues Jahrbuch für Geologie und Palaontologie-Monatshefte*, 1998(1), 26–41. <https://doi.org/10.1127/njgpm/1998/1998/26>
- Mariani, E. (1923a). *Lezioni di Geologia Generale ed Applicata all'Ingegneria, Seconda edizione riveduta*. R. Istituto Tecnico Superiore di Milano, Libreria Editrice Politecnica.
- Mariani, E. (1923b). Su un nuovo esemplare di *Lariosaurus balsami*, CUR. trovato negli scisti di perledo sopra Varenna (Lago di Como). *Atti della Società Italiana di Scienze Naturali*, 62, 1–8.
- Mariani, E. (1933). *Sulla zona scisto-bituminosa triassica di Besano-M. San Giorgio*. 66(6–10), 18.
- Mateer, N. J. (1976). On two new specimens of *Pachypleurosaurus*. *Bulletin of the Geological Institutions of the University of Uppsala, N.S.*, 6(107–123).
- Maxwell, E. E. (2012). Unraveling the Influences of Soft-Tissue Flipper Development on Skeletal Variation Using an Extinct Taxon. *Journal of Experimental Zoology Part B: Molecular and Developmental Evolution*, 318(7), 545–554.
- Maxwell, E. E., Argyriou, T., Stockar, R., & Furrer, H. (2018). Re-evaluation of the ontogeny and reproductive biology of the Triassic fish *Saurichthys* (Actinopterygii, Saurichthyidae). *Palaeontology*. <https://doi.org/10.1111/pala.12355>
- Maxwell, E. E., Furrer, H., & Sánchez-Villagra, M. R. (2013). Exceptional fossil preservation demonstrates a new mode of axial skeleton elongation in early ray-finned fishes. *Nature communications*, 4. <https://doi.org/10.1038/ncomms3570>
- Maxwell, E. E., Romano, C., Wu, F., & Furrer, H. (2015). Two new species of *Saurichthys* (Actinopterygii: Saurichthyidae) from the Middle Triassic of Monte San Giorgio, Switzerland, with implications for character evolution in the genus. *Zoological journal of the Linnean Society*, 173(4), 887–912. <https://doi.org/10.1111/zoj.12224>
- Meyer, H. (1855). Die Saurier des Muschelkalkes mit Rücksicht auf die Saurier aus Buntem Sandstein und Keuper. In *Zur Fauna der Vorwelt, zweite Abtheilung*.
- Miedema, F., Bindellini, G., Dal Sasso, C., Scheyer, T. M., & Maxwell, E. E. (2023). Ontogenetic variation in the cranium of *Mixosaurus cornalianus*, with implications for the evolution of ichthyosaurian cranial development. *Swiss Journal of Palaeontology*, 142(1), 1–23. <https://doi.org/10.1186/s13358-023-00289-z>
- Miedema, F., Klein, N., Blackburn, D. G., Sander, P. M., Maxwell, E. E., Griebeler, E. M., & Scheyer, T. M. (2023). Heads or tails first? Evolution of fetal orientation in ichthyosaurs, with a scrutiny of the prevailing hypothesis. *BMC Ecology and Evolution*, 23(1), 12. <https://doi.org/10.1186/s12862-023->



Bibliography of the UNESCO WHL site Monte San Giorgio (Switzerland, Italy)

Fondazione del Monte San Giorgio
D. Albisetti, H. Furrer, 10.10.2024

02110-4

Miedema, F., Spiekman, S. N. F., Fernandez, V., Reumer, J. W. F., & Scheyer, T. M. (2020). Cranial morphology of the tanystropheid *Macrocnemus bassanii* unveiled using synchrotron microtomography. *Scientific reports*, *10*(1), 12412. <https://doi.org/10.1038/s41598-020-68912-4>

Montagna, M., Haug, J. T., Strada, L., Haug, C., Felber, M., & Tintori, A. (2017). Central nervous system and muscular bundles preserved in a 240 million year old giant bristletail (Archaeognatha: Machilidae). *Scientific reports*, *7*, 46016. <https://doi.org/10.1038/srep46016>

Montagna, M., Magoga, G., & Magnani, F. (2024). The Middle Triassic palaeontomofauna of Monte San Giorgio with the description of *Merithone laetitia* (†Permithonidae) gen. Et sp. Nov. *Swiss Journal of Palaeontology*, *143*(1), 17. <https://doi.org/10.1186/s13358-024-00317-6>

Montagna, M., Magoga, G., Stockar, R., & Magnani, F. (2024). The contribution of the Middle Triassic fossil assemblage of Monte San Giorgio to insect evolution. *Communications Biology*, *7*(1), 1023. <https://doi.org/10.1038/s42003-024-06678-5>

Montagna, M., Strada, L., Dioli, P., & Tintori, A. (2018). The Middle Triassic Lagerstätte of Monte San Giorgio reveals the oldest lace bugs (Hemiptera: Tingidae): *Archetingis ladinica* gen. N. Sp. N. *Rivista Italiana di Paleontologia e Stratigrafia (Research In Paleontology and Stratigraphy)*, *124*(1), 35–44.

Montagna, M., Tong, K. J., Magoga, G., Strada, L., Tintori, A., Ho, S. Y., & Lo, N. (2019). Recalibration of the insect evolutionary time scale using Monte San Giorgio fossils suggests survival of key lineages through the End-Permian Extinction. *Proceedings of the Royal Society B*, *286*(1912), 20191854. <https://doi.org/10.1098/rspb.2019.1854>

Mueller, S., Ansorge, J., Egloff, R., & Kissling, E. (1980). A crustal cross section along the Swiss Geotraverse from the Rhinegraben to the Po Plain. *Eclogae geol. Helv*, *73*(2), 463–485.

Müller, J. (2005). The anatomy of *Askeptosaurus italicus* from the Middle Triassic of Monte San Giorgio and the interrelationships of thalattosaurs (Reptilia, Diapsida). *Canadian Journal of Earth Sciences*, *42*(7), 1347–1367. <https://doi.org/10.1139/e05-030>

Müller, W. (1964). Conodonten aus der mittleren Trias der Tessiner Kalkalpen. *Eclogae geol. Helv*, *57*(2), 747–753.

Müller, W. (1969). *Beitrag zur Sedimentologie der Grenzbitumenzone vom Monte San Giorgio Kanton Tessin mit Rücksicht auf die Beziehung Fossil-Sediment*. Dissertation Universität Basel, 8 pp. (verkürzte Fassung).

Müller, W., Schmid, R., & Vogt, P. (1964). Vulkanogene Lagen aus der Grenzbitumenzone (Mittlere Trias) des Monte San Giorgio in den Tessiner Kalkalpen. *Eclogae Geologicae Helveticae*, *57*, 431–450.

Müller-Merz, E., Berger, J.-P., Furrer, H., & Meyer, C. (2005). *Paläontologie und Umwelt*. Vdf Hochschulverlag ETH Zürich.



Bibliography of the UNESCO WHL site Monte San Giorgio (Switzerland, Italy)

Fondazione del Monte San Giorgio
D. Albisetti, H. Furrer, 10.10.2024

- Mundil, R., Brack, P., Meier, M., Rieber, H., & Oberli, F. (1996). High resolution U-Pb dating of Middle Triassic volcanoclastics: Time-scale calibration and verification of tuning parameters for carbonate sedimentation. *Earth and Planetary Science Letters*, 141(1), 137–151. [https://doi.org/10.1016/0012-821X\(96\)00057-X](https://doi.org/10.1016/0012-821X(96)00057-X)
- Mundil, R., Pálffy, J., Renne, P. R., & Brack, P. (2010). The Triassic timescale: New constraints and a review of geochronological data. *Geological Society, London, Special Publications*, 334(1), 41–60. <https://doi.org/10.1144/SP334.3>
- Museo cantonale di storia naturale, D. dell' Ambiente. (1990). *Introduzione al paesaggio naturale del Cantone Ticino. 1. Le componenti naturali*. Dadò editore.
- Mutter, R. J. (1998a). Tooth variability and reconstruction of dentition in *Acrodus* sp. (Chondrichthyes, Selachii, Hybodontoidae) from the Grenzbitumenzone (Middle Triassic) of Monte San Giorgio (Ticino, Switzerland). *Geologia Insubrica*, 3, 23–31.
- Mutter, R. J. (1998b). Zur systematischen Stellung einiger Bezahnungsreste von *Acrodus georgii* sp. Nov. (Selachii, Hybodontoidae) aus der Grenzbitumenzone (Mittlere Trias) des Monte San Giorgio (Kanton Tessin, Schweiz). *Eclogae Geologicae Helveticae*, 91, 513–519.
- Mutter, R. J. (2001a). *Colobodus*, ein Potpurri grösserer Fische aus der europäischen Trias. *Vierteljahrschrift der Naturforschenden Gesellschaft Zürich*, 146(1), 7–14.
- Mutter, R. J. (2001b). The skull of Colobodontidae sensu Andersson 1916 (emended) (Actinopterygii: Perleidiformes). *Geologia Insubrica*, 6(1), 65–78.
- Mutter, R. J. (2002). *Revision of the Triassic family Colobodontidae sensu Andersson 1916 (emended) with a tentative assessment of perleidiform interrelationships (Actinopterygii: Perleidiformes)*. Dissertation Universität Zürich.
- Mutter, R. J. (2003). *Colobodus* Agassiz, 1844 (Osteichthyes, Perleidiformes): Proposed designation of *C. bassanii* de Alessandri, 1910 as the type species, with designation of a neotype. *Bulletin of Zoological Nomenclature*, 60(2), 135–137.
- Mutter, R. J. (2004). The “perleidiform” family Colobodontidae: A review. *Mesozoic fishes*, 3, 197–208.
- Mutter, R. J., & Herzog, A. (2004). A new genus of Triassic actinopterygian with an evaluation of deepened flank scales in fusiform fossil fishes. *Journal of Vertebrate Paleontology*, 24(4), 794–801. [https://doi.org/10.1671/0272-4634\(2004\)024\[0794:ANGOTA\]2.0.CO;2](https://doi.org/10.1671/0272-4634(2004)024[0794:ANGOTA]2.0.CO;2)
- Muttoni, G., Nicora, A., Brack, P., & Kent, D. V. (2004). Integrated Anisian-Ladinian boundary chronology. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 208, 85–102. <https://doi.org/10.1016/j.palaeo.2004.02.030>
- Neri, P., Rodeghiero, F., & Rossi, C. (1996). Rapporti tra mineralizzazioni di tipo filoniano e di tipo legato agli strati nell'area di Besano-Monte San Giorgio (Lombardia settentrionale, Ticino



Bibliography of the UNESCO WHL site Monte San Giorgio (Switzerland, Italy)

Fondazione del Monte San Giorgio
D. Albisetti, H. Furrer, 10.10.2024

meridionale). *Geologia Insubrica*, 1(1–2), 17–28.

Neuweiler, F., & Bernoulli, D. (2005). Mesozoic (Lower Jurassic) red stromatactis limestones from the Southern Alps (Arzo, Switzerland): Calcite mineral authigenesis and syneresis-type deformation. *International Journal of Earth Sciences*, 94(1), 130–146. <https://doi.org/10.1007/s00531-004-0442-3>

Nopcsa, F. B. (1923). Neubeschreibung des Trias-Pterosauriers *Tribelesodon*. *Paläontologische Zeitschrift*, 5(3), 161–181. <https://doi.org/10.1007/BF03160365>

Nopcsa, F. B. (1925). *Askeptosaurus*, ein neues reptil der Trias von Besano. *Zentralblatt für Mineralogie Stuttgart Abt B*, 8, 265–267.

Nopcsa, F. B. (1930). Notizen über *Macrocnemus bassanii* nov. Gen. Et spec. *Centralblatt für Mineralogie, Geologie und Paläontologie B*, 1930, 252–255.

Nosotti, S. (2007). *Tanystropheus longobardicus* (Reptilia, Protorosauria): Re-interpretations of the Anatomy Based on New Specimens from the Middle Triassic of Besano (Lombardy, Northern Italy). *Memorie della Società italiana di Scienze Naturali e del Museo Civico di Storia Naturale di Milano*, 35(3), 88 pp.

Nosotti, S., & Rieppel, O. (2003). «*Eusaurosphargis dalsassoi*» n. Gen. N. Sp., a New, Unusual Diapsid Reptile from the Middle Triassic of Besano (Lombardy, N Italy). *Memorie Società Italiana di Scienze Naturali*, 16(3), 1–33.

Nosotti, S., & Teruzzi, G. (2008). I rettili di Besano-Monte San Giorgio. *Natura - Società Italiana di Scienze Naturali, Museo Civico di Storia Naturale di Milano*, 98(2), 1–99.

Nowak, H., Kustatscher, E., & Roghi, G. (2019). Permian-Triassic macro-and microfloras of the Southern Alps. *Geo.Alp*, 16, 79–81.

Oppizzi, P., Camana, G., Neri, P., Rossi, C., Rodeghiero, F., & Bernasconi, E. (1999). Le mineralizzazioni filoniane a barite e fluorite del Monte San Giorgio (Canton Ticino Meridionale). *Geologia Insubrica*, 4(2), 77–87.

Orr, P. J., Adler, L. B., Beardmore, S. R., Furrer, H., McNamara, M. E., Peñalver-Mollá, E., & Redelstorff, R. (2016). “Stick ‘n’ peel”: Explaining unusual patterns of disarticulation and loss of completeness in fossil vertebrates. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 457, 380–388. <https://doi.org/10.1016/j.palaeo.2016.05.024>

Ørvig, T. (1977). A survey of odontodes (‘dermal teeth’) from developmental, structural, functional, and phyletic points of view. In *Problems in vertebrate evolution* (Bd. 4, S. 53–75). Linnean Society Symposium Series.

Ørvig, T. (1978a). Microstructure and growth of the dermal skeleton in fossil actinopterygian fishes: *Birgeria* and *Scanilepis*. *Zoologica Scripta*, 7(1–4), 33–56.



Bibliography of the UNESCO WHL site Monte San Giorgio (Switzerland, Italy)

Fondazione del Monte San Giorgio
D. Albisetti, H. Furrer, 10.10.2024

Ørvig, T. (1978b). Microstructure and Growth of the Dermal Skeleton in Fossil Actinopterygian Fishes: *Nephrotus* and *Colobodus*, with remarks on the dentition in other forms. *Zoologica Scripta*, 7, 297–326.

Paolicelli, L. (2022). *Microfacies characterization, geochemistry, and fossil preservation of the Sceltrich beds. A multi-domain approach to the paleoenvironmental characterization and identification of depositional history of the Middle Triassic Sceltrich beds, Upper Meride Limestone (Monte San Giorgio, Canton of Ticino, Switzerland)* [Master Thesis]. University of Fribourg, Department of Earth Sciences, Faculty of Science and Medicine.

Papa, G. (1979). Il Monte San Giorgio nel suo contesto territoriale e culturale. *Il nostro paese*, 52–65.

Papa, G. (2009). Verso una più ampia sede del Museo dei Fossili del Monte San Giorgio a Meride. *Il nostro paese*, 301, 2–45.

Pardo-Pérez, J. M., Kear, B. P., & Maxwell, E. E. (2020). Skeletal pathologies track body plan evolution in ichthyosaurs. *Scientific reports*, 10(1), 1–7. <https://doi.org/10.1038/s41598-020-61070-7>

Parona, C. F. (1890). I fossili del lias inferiore di Saltrio in Lombardia. Parte Ia: Crinoidi, Brachiopodi e Lamellibranchi. *Atti della Società Italiana di Scienze Naturali*, 33.

Parona, C. F. (1894). I fossili del lias inferiore di Saltrio in Lombardia. Parte 2a: Gasteropodi. *Boll. soc. malac. ital. Modena*, 18.

Pasini, G., Garassino, A., Stockar, R., & Magnani, F. (2022). Penaeidean and caridean shrimps (Crustacea, Decapoda) from the Upper Meride Limestone (Middle Triassic) of Monte San Giorgio (TI, Switzerland). *Neues Jahrbuch für Geologie und Paläontologie-Abhandlungen*, 339–353. <https://doi.org/10.1127/njgpa/2022/1053>

Petti, F. M., Bernardi, M., Kustatscher, E., Renesto, S., & Avanzini, M. (2013). Diversity of continental tetrapods and plants in the Triassic of the Southern Alps: Ichnological, paleozoological and paleobotanical evidence. *Nat. Hist. Sci. Bull.*

Peyer, B. (1927). Demonstration von Wirbeltierresten aus der Trias von Meride. *Eclogae Geologicae Helvetiae*, 20(2), 312.

Peyer, B. (1930). *Tanystropheus longobardicus* BASS. sp.: Vorläufige Mitteilung. *Centralbl. f. Min. etc. Abt. B.*

Peyer, B. (1931a). Die Triasfauna der Tessiner Kalkalpen. I. Einleitung. *Schweizerische Paläontologische Abhandlungen*, 50, 1–5.

Peyer, B. (1931b). Die Triasfauna der Tessiner Kalkalpen. II. *Tanystropheus longobardicus* BASS. sp. *Schweizerische Paläontologische Abhandlungen*, 50(7–110).

Peyer, B. (1931c). Die Triasfauna der Tessiner Kalkalpen. III. Placodontia. *Schweizerische*



Bibliography of the UNESCO WHL site Monte San Giorgio (Switzerland, Italy)

Fondazione del Monte San Giorgio
D. Albisetti, H. Furrer, 10.10.2024

Paläontologische Abhandlungen, 51, 1–25.

Peyer, B. (1931d). Die Triasfauna der Tessiner Kalkalpen. IV. Peyer, B. 1931. *Ceresiosaurus calcagnii* nov. Gen. Nov. Spec. *Abhandlungen der Schweizerischen Palaontologischen Gesellschaft*, 62, 1–87.

Peyer, B. (1931e). *Paraplocodus broilii* nov. Gen. Nov. Sp., ein neuer Placodontier aus der Tessiner Trias: Vorläufige Mitteilung. *Centralblatt für Mineralogie und Paläontologie B*, 1931, 570–573.

Peyer, B. (1931f). Über einen Placodontierzahn aus dem Lias von Arzo. *Eclogae Geologicae Helvetiae*, 24, 271–274.

Peyer, B. (1932). Die Triasfauna der Tessiner Kalkalpen. V. *Pachypleurosaurus edwardsii* Corn. Spec. *Schweizerische Paläontologische Abhandlungen*, 52, 1–18.

Peyer, B. (1934). Die Triasfauna der Tessiner Kalkalpen. VII. Neubeschreibung der Saurier von Perledo. *Schweizerische Paläontologische Abhandlungen*, 53–54, 1–130.

Peyer, B. (1935). Die Triasfauna der Tessiner Kalkalpen. VIII. Weitere Placodontierfunde. *Schweizerische Palaontologische Abhandlungen*, 55, 1–26.

Peyer, B. (1936a). Die Triasfauna der Tessiner Kalkalpen. X. *Clarazia schinzi* nov. Gen. Nov. Spec. *Schweizerische Paläontologische Abhandlungen*, 57, 1–61.

Peyer, B. (1936b). Die Triasfauna der Tessiner Kalkalpen. XI. *Heschleria ruebli* nov. Gen. Nov. Spec. *Schweizerische Paläontologische Abhandlungen*, 58(1–48).

Peyer, B. (1937a). Die Lösung eines paläontologischen Rätsels. *Berichte der Kaiserlichen Leopoldinisch-Carolinischen Deutschen Akademie der Naturwissenschaftler*, 83–93.

Peyer, B. (1937b). Die Triasfauna der Tessiner Kalkalpen. XII. *Macrocnemus bassanii* Nopcsa. *Schweizerische Paläontologische Abhandlungen*, 59, 1–140.

Peyer, B. (1938). Über das Gliedmassenskelett der Nothosauriden. *Vierteljahrschrift der Naturforschenden Gesellschaft Zürich*, 83, 225–237.

Peyer, B. (1939a). Die Triasfauna der Tessiner Kalkalpen. XIV. *Paranothosaurus amsleri* nov. Gen. Nov. Spec. *Schweizerische Paläontologische Abhandlungen*, 62, 1–87.

Peyer, B. (1939b). Über die Rekonstruktion des Skelettes von *Tanystropheus*. *Eclogae Geologicae Helvetiae*, 32(2), 203–209.

Peyer, B. (1941). Saurierjagd in den Tessiner Kalkalpen. *Die Alpen*, 11.

Peyer, B. (1944). Die Reptilien vom Monte San Giorgio. *Neujahrsblatt der Naturforschenden Gesellschaft Zürich*, 146, 1–96.

Peyer, B. (1946). Die schweizerischen Funde von *Asteracanthus* (*Strophodus*). *Schweizerische Paläontologische Abhandlungen*, 64, 1–101.



Bibliography of the UNESCO WHL site Monte San Giorgio (Switzerland, Italy)

Fondazione del Monte San Giorgio
D. Albisetti, H. Furrer, 10.10.2024

- Peyer, B. (1950). *Geschichte der Tierwelt*. Büchergilde Gutenberg.
- Peyer, B. (1954). Sull'accoppiamento del genus *Limax*. *Bollettino della Società Ticinese di Scienze Naturali*, 49.
- Peyer, B. (1955). Die Triasfauna der Tessiner Kalkalpen. XVIII. *Helveticosaurus zollingeri* n. G. N. Sp. *Schweizerische Paläontologische Abhandlungen*, 72, 1–50.
- Pieroni, V. (2022). Middle Triassic Nautilida from the Besano Formation of Monte San Giorgio, Switzerland. *Swiss Journal of Palaeontology*, 141(1), 1–12. <https://doi.org/10.1186/s13358-022-00263-1>
- Pieroni, V. (2023). Gli ammonoidi della Formazione di Besano pubblicati da Airaghi nel 1912 conservati al Museo Kosmos di Pavia. *Natural History Sciences*, 10(1). <https://doi.org/10.4081/nhs.2023.610>
- Pieroni, V., & Furrer, H. (2020). Middle Triassic gastropods from the Besano Formation of Monte San Giorgio, Switzerland. *Swiss J Palaeontol*, 139(2). <https://doi.org/10.1186/s13358-019-00201-8>
- Pieroni, V., & Nützel, A. N. (2014). *Rasatomaria gentilii* (gen. N. N. Sp.)—A new Middle Triassic pleurotomarioid gastropod genus and species from Rasa di Varese (San Salvatore Formation, Southern Alps). *Rivista italiana di paleontologia e stratigrafia*, 120(3), 281–286.
- Pieroni, V., & Stockar, R. (2020). Gastropods from the Sceltrich beds of Monte San Giorgio (Meride Limestone, Ladinian, Canton Ticino, Switzerland). *Revue de Paléobiologie*, 39(2), 413–420.
- Piffaretti, G. (1986). *Le maestranze d'arte dei paesi della montagna Arzo–Besazio–Meride–Tremona*. Commissione Culturale di Arzo.
- Pinna, A. (1982). *Recenti ricerche sui rettili Placodonti*. In: Gallitelli, E.M. (ed.): *Palaeontology*. S.T.E.M. Mucchi.
- Pinna, G. (1992). *Cyamodus hildegardis* Peyer, 1931 (Reptilia, Placodontia). *Memorie della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale di Milano*, 26(1), 2–21.
- Pinna, G., & Arduini, P. (1978). Un nuovo esemplare di *Ticinosuchus ferox* Krebs, rinvenuto nel giacimento Triassico di Besano in Lombardia. *Natura - Società Italiana di Scienze Naturali, Museo Civico di Storia Naturale di Milano*, 69, 73–80.
- Pinna, G., & Teruzzi, G. (1991). Il giacimento paleontologico di Besano. *Natura - Società Italiana di Scienze Naturali, Museo Civico di Storia Naturale di Milano*, 82, 1–54.
- Pohle, A., & Klug, C. (2024). Orthoceratoid and coleoid cephalopods from the Middle Triassic of Switzerland with an updated taxonomic framework for Triassic Orthocerozoa. *Swiss Journal of Palaeontology*, 143(1), 14. <https://doi.org/10.1186/s13358-024-00307-8>
- Poli, A., & Albisetti, G. (2023). *Sü e giò par la Via ai Munt. Una via ricca di storia e non solo*. Parrocchia



Bibliography of the UNESCO WHL site Monte San Giorgio (Switzerland, Italy)

Fondazione del Monte San Giorgio
D. Albisetti, H. Furrer, 10.10.2024

di Meride, AMAS - Associazione Amici Museo Arte Sacra Meride.

Premru, E. (1991). *Beschreibung eines neuen Fundes von Macrocnemus bassanii Nopcsa (Reptilia, Squamata, Prolacertiformes) aus der Grenzbitumenzone (Anis/Ladin) des Monte San Giorgio (Besano, I)* [Master Thesis]. Universität Zürich.

Renesto, S. (1993). A juvenile *Lariosaurus* (Reptilia, Sauropterygia) from the Kalkschieferzone (Uppermost Ladinian) near Viggiu(Varese, Northern Italy). *Rivista italiana di paleontologia e stratigrafia*, 99, 199–212.

Renesto, S. (2005a). A new specimen of *Tanystropheus* (Reptilia Protorosauria) from the Middle Triassic of Switzerland and the ecology of the genus. *Rivista italiana di paleontologia e stratigrafia*, 11(3), 377–379.

Renesto, S. (2005b). Un nuovo esemplare di *Tanystropheus* (Reptilia Protorosauria) del Triassico Medio del Cantone Ticino. *Geologia Insubrica*, 8(2), 1–4.

Renesto, S. (2006). Peculiar preservation of a juvenile pachypleurosaurid from Besano (Italy). *Rivista italiana di paleontologia e stratigrafia*, 112, 373–382.

Renesto, S. (2007). La guerra dei nomi, un commento a “On the Nothosaurian genera *Ceresiosaurus* e *Lariosaurus*” di O. Rieppel. *Geologia Insubrica*, 10(2), 5–8.

Renesto, S. (2010). A new specimen of *Nothosaurus* from the latest Anisian (Middle Triassic) Besano formation (Grenzbitumenzone) of Italy. *Rivista Italiana di Paleontologia e Stratigrafia (Research In Paleontology and Stratigraphy)*, 116(2).

Renesto, S., & Avanzini, M. (2002). Skin remains in a juvenile *Macrocnemus bassanii* NOPCSA (Reptilia, Prolacertiformes) from the Middle Triassic of northern Italy. *Neues Jahrbuch für Geologie und Paläontologie-Abhandlungen*, 31–48. <https://doi.org/10.1127/njgpa/224/2002/31>

Renesto, S., Binelli, G., & Hagdorn, H. (2014). A new pachypleurosaur from the Middle Triassic Besano Formation of Northern Italy. *Neues Jahrbuch für Geologie und Paläontologie-Abhandlungen*, 271(2), 151–168. <https://doi.org/10.1127/0077-7749/2014/0382>

Renesto, S., Dal Sasso, C., Fogliazza, F., & Ragni, C. (2020). New findings reveal that the Middle Triassic ichthyosaur *Mixosaurus cornalianus* is the oldest amniote with a dorsal fin. *Acta Palaeontologica Polonica*, 65, 12. <https://doi.org/10.4202/app.00731.2020>

Renesto, S., & Felber, M. (2007). Un pachypleurosauride dai livelli centrali del Calcare di Meride in Canton Ticino (Svizzera). *Geologia Insubrica*, 10, 9–12.

Renesto, S., Felber, M., & Tintori, A. (2002). Nota sul ritrovamento di una vertebra di Ittiosauro (Leptopterygiidae indet.) del Giurassico Inferiore nelle Cave di Arzo (Ticino Meridionale, Svizzera). *Geologia Insubrica*, 7(1), 43–46.



Bibliography of the UNESCO WHL site Monte San Giorgio (Switzerland, Italy)

Fondazione del Monte San Giorgio
D. Albisetti, H. Furrer, 10.10.2024

Renesto, S., Kustatscher, E., & Gianolla, P. (2020). A putative juvenile specimen of *Eusaurosphargis dalsassoi* from the Anisian (Middle Triassic) of Piz Da Peres (Dolomites, Northern Italy). *Rivista italiana di paleontologia e stratigrafia*, 126(2).

Renesto, S., Lombardo, C., Tintori, A., & Danini, G. (2003). Nothosaurid Embryos from the Middle Triassic of Northern Italy: An Insight into the Viviparity of Nothosaurs? *Journal of Vertebrate Paleontology*, 957–960. <https://doi.org/10.1671/1840-21>

Renesto, S., Magnani, F., & Stockar, R. (2021a). A new Coelacanth specimen with elongate ribs from the Middle Triassic (Ladinian) Kalkschieferzone of Monte San Giorgio (Cantone Ticino, Switzerland). *Rivista italiana di paleontologia e stratigrafia*, 127(3).

Renesto, S., Magnani, F., & Stockar, R. (2021b). A new species of *Saurichthys* (Actinopterygii:Saurichthyidae) from the Middle Triassic of Monte San Giorgio. *Rivista italiana di paleontologia e stratigrafia*, 127(1).

Renesto, S., Pareo, M., & Lombardo, C. (2004). A new specimen of the sauropterygian reptile *Lariosaurus* from the Kalkschieferzone (Uppermost Ladinian) of Valceresio (Varese, N Italy). *Neues Jahrbuch für Geologie und Paläontologie-Monatshefte*, 351–369. <https://doi.org/10.1127/njgpm/2004/2004/351>

Renesto, S., & Saller, F. (2018). Evidences for a semi aquatic life style in the Triassic diapsid reptile *Tanystropheus*. *Rivista Italiana di Paleontologia e Stratigrafia (Research In Paleontology and Stratigraphy)*, 124(1).

Renesto, S., & Stockar, R. (2009). Exceptional preservation of embryos in the actinopterygian *Saurichthys* from the Middle Triassic of Monte San Giorgio, Switzerland. *Swiss Journal of Geosciences*, 102(2), 323–330. <https://doi.org/10.1007/s00015-009-1323-3>

Renesto, S., & Stockar, R. (2015). Prey content in a *Saurichthys* reveals the presence of advanced halecomorph fishes in the Middle Triassic of Monte San Giorgio. *Neues Jahrbuch für Geologie und Paläontologie-Abhandlungen*, 278(1), 95–107. <https://doi.org/10.1127/njgpa/2015/0519>

Renesto, S., & Stockar, R. (2018). First record of a coelacanth fish from the Middle Triassic Meride Limestone of Monte San Giorgio (Canton Ticino, Switzerland). *Rivista Italiana di Paleontologia e Stratigrafia (Research In Paleontology and Stratigraphy)*, 124(3).

Reposi, E. (1902). Il mixosauro degli strati triassici di Besano in Lombardia. *Atti della Società Italiana di Scienze Naturali*, 41, 361–372.

Reposi, E. (1909a). Gli scisti bituminosi di Besano in Lombardia. *Atti della Società Italiana di Scienze Naturali*, 48, 5–38.

Reposi, E. (1909b). Gli scisti bituminosi di Meride e Besano e la loro industria. *Tipografia C. Traversa, Lugano-Mendrisio*.



Bibliography of the UNESCO WHL site Monte San Giorgio (Switzerland, Italy)

Fondazione del Monte San Giorgio
D. Albisetti, H. Furrer, 10.10.2024

- Reposi, E. (1911). Gli scisti bituminosi di Besano e la loro utilizzazione industriale. *Natura - Società Italiana di Scienze Naturali, Museo Civico di Storia Naturale di Milano*, 2, 338–348, 353–360.
- Rickenbach, E., Althaus, H. E., Erni, A., Kelterborn, P., Schuppli, H. M., & Hofmann, F. (1947). Erdölgeologische Untersuchungen in der Schweiz. Die Vorkommen von bituminösem Schiefer. *Beiträge zur Geologie der Schweiz. Geotechnische Serie*, 26, 44–72.
- Rieber, H. (1965). Zur Wirbellosen-Fauna der Grenzbitumenzone der mittleren Trias des Monte San Giorgio (Kanton Tessin, Schweiz). *Eclogae Geologicae Helveticae*, 58, 1083–1092.
- Rieber, H. (1968a). Die Artengruppe der *Daonella elongata* Mojs. Aus der Grenzbitumenzone der mittleren Trias des Monte San Giorgio (Kanton Tessin, Schweiz). *Paläontologische Zeitschrift*, 42(1–2), 33–61. <https://doi.org/10.1007/BF02987127>
- Rieber, H. (1968b). *Zur Entstehung der Grenzbitumenzone der mittleren Trias der Tessiner Kalkalpen*. Paläontologisches Institut der Universität Zürich.
- Rieber, H. (1969). Daonellen aus der Grenzbitumenzone der mittleren Trias des Monte San Giorgio (Kanton Tessin, Schweiz). *Eclogae Geologicae Helveticae*, 62(2), 657–683.
- Rieber, H. (1970). *Phragmoteuthis? Ticinensis* n. Sp., ein Coleoidea-Rest aus der Grenzbitumenzone (Mittlere Trias) des Monte San Giorgio (Kanton Tessin, Schweiz). *Paläontologische Zeitschrift*, 44(1–2), 32–40. <https://doi.org/10.1007/BF02989793>
- Rieber, H. (1973a). Die Triasfauna der Tessiner Kalkalpen. XXII. Cephalopoden aus der Grenzbitumenzone (Mittlere Trias) des Monte San Giorgio (Kanton Tessin, Schweiz). *Schweizerische Paläontologische Abhandlungen*, 93, 1–96.
- Rieber, H. (1973b). Ergebnisse paläontologisch-stratigraphischer Untersuchungen in der Grenzbitumenzone (Mittlere Trias) des Monte San Giorgio (Kanton Tessin, Schweiz). *Eclogae Geologicae Helveticae*, 66(3), 667–685.
- Rieber, H. (1974a). *Breviconoteuthis breviconus* REIS, ein Phragmoteuthide aus der Mittleren Trias des Monte San Giorgio, Kanton Tessin, Schweiz. *Neues Jahrbuch für Geologie und Paläontologie, Abhandlungen, Monatshefte* 7, 415–421.
- Rieber, H. (1974b). Ammoniten und Stratigraphie der Grenzbitumenzone (Mittlere Trias) der Tessiner Kalkalpen. In «Beiträge zur Biostratigraphie der Tethys-Trias»(H. Zapfe, ed.). *Ost. Akad. Wiss. Schrift. Erdwiss. Komm*, 4, 167–176.
- Rieber, H. (1975). Der Posidonienschiefer (oberer Lias) von Holzmaden und die Grenzbitumenzone (mittlere Trias) des Monte San Giorgio (Kt. Tessin, Schweiz). Ein Vergleich zweier Lagerstätten fossiler Wirbeltiere. *Jh. Ges. Naturkunde Württemberg*, 96, 163–190.
- Rieber, H. (1977). Eine Ammonitenfauna aus der oberen Maiolica der Breggia-Schlucht (Tessin/Schweiz). *Eclogae geol. Helv*, 70(3), 777–787.



Bibliography of the UNESCO WHL site Monte San Giorgio (Switzerland, Italy)

Fondazione del Monte San Giorgio
D. Albisetti, H. Furrer, 10.10.2024

- Rieber, H. (1980). Ein Conodonten-Cluster aus der Grenzbitumenzone (Mittlere Trias) des Monte San Giorgio (Kanton Tessin/Schweiz). *Annalen des naturhistorischen Museums in Wien*, 83, 265–274.
- Rieber, H. (1994). Emil Kuhn-Schnyder (29. April 1905-30. Juli 1994). *Eclogae Geologicae Helveticae*, 87(3), 865–868.
- Rieber, H. (1995). Emil Kuhn-Schnyder 29.4. 1905–30.7.1994. *Paläontologische Zeitschrift*, 69(3–4), 313–320. <https://doi.org/10.1007/BF02987797>
- Rieber, H., & Brack, P. (2004). Taxonomy and stratigraphic significance of *Falsanolcites* gen. Nov., Anolcites-like Middle Triassic ammonioidea from the Alps and Greece. *Mitteilungen aus dem Geologisch-Paläontologischen Institut der Universität Hamburg*, 88, 157–178.
- Rieber, H., Furrer, H., & Leu, U. B. (1999). *Paläontologie in Zürich: Fossilien und ihre Erforschung in Geschichte und Gegenwart*. Zoologisches Museum der Universität Zürich.
- Rieber, H., & Sorbini, L. (1983). *Middle Triassic bituminous shales of Monte San Giorgio (Canton Tessin, Switzerland)*. Excursion 11 A. First International Congress on Paleoecology, Lyon.
- Rieppel, O. (1980). A new coelacanth from the Middle Triassic of Monte San Giorgio, Switzerland. *Eclogae Geologicae Helveticae*, 73(3), 921–939.
- Rieppel, O. (1981). The hybodontiform sharks from the Middle Triassic of Monte San Giorgio, Switzerland. *Neues Jahrbuch für Geologie und Paläontologie, Abhandlungen*, 161, 324–353.
- Rieppel, O. (1982). A new genus of shark from the Middle Triassic of Monte San Giorgio, Switzerland. *Palaeontology*, 25(2), 399–412.
- Rieppel, O. (1985a). A second actinistian from the Middle Triassic of Monte San Giorgio, Kanton Tessin, Switzerland. *Eclogae Geologicae Helveticae*, 78(3), 707–713.
- Rieppel, O. (1985b). Die Triasfauna der Tessiner Kalkalpen. XXV. Die Gattung *Saurichthys* (Pisces, Actinopterygii) aus der mittleren Trias des Monte San Giorgio, Kanton Tessin. *Schweizerische Paläontologische Abhandlungen*, 108, 1–103.
- Rieppel, O. (1987a). *Clarazia* and *Hescheleria*: A re-investigation of two problematical reptiles from the Middle Triassic of Monte San Giorgio (Switzerland). *Palaeontographica Abteilung A*, 195, 101–129.
- Rieppel, O. (1987b). The Pachypleurosauridae: An annotated bibliography. With comments on some lariosaurs. *Eclogae Geologicae Helveticae*, 80(3), 1105–1118.
- Rieppel, O. (1989a). A new pachypleurosaur (Reptilia: Sauropterygia) from the Middle Triassic of Monte San Giorgio, Switzerland. *Philosophical Transactions of the Royal Society of London B: Biological Sciences*, 323(3), 1–73.
- Rieppel, O. (1989b). *Helveticosaurus zollingeri* Peyer (Reptilia, Diapsida) skeletal paedomorphosis, functional anatomy and systematic affinities. *Palaeontographica Abteilung A*, 208(4–6), 123–152.



Bibliography of the UNESCO WHL site Monte San Giorgio (Switzerland, Italy)

Fondazione del Monte San Giorgio
D. Albisetti, H. Furrer, 10.10.2024

Rieppel, O. (1989c). The hind limb of *Macrocnemus bassanii* (Nopcsa) (Reptilia, Diapsida): Development and functional anatomy. *Journal of Vertebrate Paleontology*, 9(4), 373–387. <https://doi.org/10.1080/02724634.1989.10011771>

Rieppel, O. (1992). A new species of the genus *Saurichthys* (Pisces: Actinopterygii) from the Middle Triassic of Monte San Giorgio (Switzerland), with comments on the phylogenetic interrelationships of the genus. *Palaeontographica Abteilung A*, 221, 63–94.

Rieppel, O. (1993). Middle Triassic reptiles from Monte San Giorgio: Recent results and future potential of analysis. In: “Evolution, ecology and biogeography of the Triassic Reptiles” J.M. Mazin, & G. Pinna. *Paleontologia Lombarda*, 2, 131–144.

Rieppel, O. (2000). Sauropterygia 1. Placodontia, Pachypleurosauria, Nothosauroida, Pistosauroidea. *Handbuch der Paläoherpetologie/Encyclopedia of Paleoherpetology*, 12, 1–134.

Rieppel, O. (2007). On the Nothosaurian genera *Ceresiosaurus* and *Lariosaurus*. *Geologia Insubrica*, 10(2), 1–4.

Rieppel, O. (2019). *Mesozoic Sea Dragons: Triassic Marine Life from the Ancient Tropical Lagoon of Monte San Giorgio*. Indiana University Press.

Rieppel, O., Fraser, N. C., & Nosotti, S. (2003). The monophyly of Protorosauria (Reptilia, Archosauromorpha): A preliminary analysis. *Atti della Società Italiana di Scienze naturali e del Museo Civico di Storia naturale di Milano*, 144(2), 359–382.

Rieppel, O., & Gronowski, R. W. (1981). The loss of the lower temporal arcade in diapsid reptiles. *Zoological journal of the Linnean Society*, 72(3), 203–217. <https://doi.org/10.1111/j.1096-3642.1981.tb01570.x>

Rieppel, O., Müller, J., & Liu, J. (2005). Rostral structure in Thalattosauria (Reptilia, Diapsida). *Canadian Journal of Earth Sciences*, 42(12), 2081–2086. <https://doi.org/10.1139/e05-076>

Röhl, H. J., Schmid-Röhl, A., Furrer, H., Frimmel, A., Oschmann, W., & Schwark, L. (2001). Microfacies, geochemistry and palaeoecology of the Middle Triassic Grenzbitumenzone from Monte San Giorgio (Canton Ticino, Switzerland). *Geologia Insubrica*, 6(1), 1–13.

Romano, C. (2007). *A Redescription and a New Reconstruction of Birgeria stensioei ALDINGER 1931 (Birgeriidae, Actinopterygii) from the Middle Triassic of Monte San Giorgio (Canton Ticino, Switzerland) with Comments on Its Ontogeny and the Interrelationships of the Genus Birgeria STENSIÖ [Diplomarbeit]*. Paläontologisches Institut und Museum.

Romano, C. (2009). *Reinvestigation of the actinopterygian fish Birgeria stensioei from the Middle Triassic of Monte San Giorgio (southern Switzerland) and Besano (northern Italy)*. 53rd Annual Meeting 13th–16th, Birmingham, England. The Palaeontological Association.

Romano, C., & Brinkmann, W. (2009). Reappraisal of the lower actinopterygian *Birgeria stensioei*



Bibliography of the UNESCO WHL site Monte San Giorgio (Switzerland, Italy)

Fondazione del Monte San Giorgio
D. Albisetti, H. Furrer, 10.10.2024

Aldinger, 1931 (Osteichthyes; Birgeriidae) from the Middle Triassic of Monte San Giorgio (Switzerland) and Besano (Italy). *Neues Jahrbuch für Geologie und Paläontologie-Abhandlungen*, 252(1), 17–31. <https://doi.org/10.1127/0077-7749/2009/0252-0017>

Romano, C., Koot, M. B., Kogan, I., Brayard, A., Minikh, A. V., Brinkmann, W., Bucher, H., & Kriwet, J. (2016). Permian–Triassic Osteichthyes (bony fishes): Diversity dynamics and body size evolution. *Biological Reviews*, 91(1), 106–147. <https://doi.org/10.1111/brv.12161>

Rytel, A., Böhmer, C., Spiekman, S. N., & Tałanda, M. (2024). Extreme neck elongation evolved despite strong developmental constraints in bizarre Triassic reptiles—Implications for neck modularity in archosaurs. *Royal Society Open Science*, 11(5), 240233. <https://doi.org/10.1098/rsos.240233>

Saller, F. (2016). *Anatomia, paleobiologia e filogenesi di Macrocnemus bassanii Nopcsa 1930 (Reptilia, Protorosauria)*. alma.

Sander, P. M. (1988). A fossil reptile embryo from the Middle Triassic of the Alps. *Science*, 239, 780–783. <https://doi.org/10.1126/science.3340859>

Sander, P. M. (1989a). The large ichthyosaur *Cymbospondylus buchseri*, sp. Nov., from the Middle Triassic of Monte San Giorgio (Switzerland), with a survey of the genus in Europe. *Journal of Vertebrate Paleontology*, 9(2), 163–173. <https://doi.org/10.1080/02724634.1989.10011750>

Sander, P. M. (1989b). The pachypleurosaurids (Reptilia: Nothosauria) from the Middle Triassic of Monte San Giorgio (Switzerland) with the description of a new species. *Philosophical Transactions of the Royal Society of London B: Biological Sciences*, 325(1230), 561–666. <https://doi.org/10.1098/rstb.1989.0103>

Sander, P. M. (1997). The paleobiogeography of *Shastasaurus*. *Ancient Marine Reptile. London and New York: Academic Press*, 317, 343. <https://doi.org/10.1016/B978-012155210-7/50004-1>

Schatz, W. (2000). *Taxonomie, Paläoökologie und biostratigraphische Anwendung der Daonellen (Bivalvia) aus der Mitteltrias Europas*. Dissertation Universität Zürich.

Schatz, W. (2001). Taxonomic significance of biometric characters and the consequences for classification and biostratigraphy, exemplified through moussoneliform daonellas (Daonella, Bivalvia; Triassic). *Paläontologische Zeitschrift*, 75(1), 51–70. <https://doi.org/10.1007/BF03022598>

Schatz, W. (2004). Revision of the subgenus Daonella (*Arzelella*) (Halobiidae; Middle Triassic). *Journal of Paleontology*, 78(2), 300–316. [https://doi.org/10.1666/0022-3360\(2004\)078<0300:ROTSDA>2.0.CO;2](https://doi.org/10.1666/0022-3360(2004)078<0300:ROTSDA>2.0.CO;2)

Schatz, W. (2005a). Palaeoecology of the Triassic black shale bivalve Daonella—New insights into an old controversy. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 216(3), 189–201. <https://doi.org/10.1016/j.palaeo.2004.11.002>

Schatz, W. (2005b). Taxonomie, Paläoökologie und biostratigraphische Anwendung der Daonellen



**Bibliography of the UNESCO WHL site
Monte San Giorgio (Switzerland, Italy)**

Fondazione del Monte San Giorgio
D. Albisetti, H. Furrer, 10.10.2024

- (Bivalvia, Mollusca) aus der Mitteltrias Europas. *Schweizerische Paläontologische Abhandlungen*, 125, 1–179.
- Scheuring, B. W. (1978). Mikroflora aus den Meridekalken des Mte. San Giorgio (Kanton Tessin). *Schweizerische Paläontologische Abhandlungen*, 100, 1–93.
- Scheyer, T. M. (2010). New interpretation of the postcranial skeleton and overall body shape of the placodont *Cyamodus hildegardis* Peyer, 1931 (Reptilia, Sauropterygia). *Palaeontologia Electronica*, 13(2), 15A.
- Scheyer, T. M., & Desojo, J. B. (2011). Palaeohistology and external microanatomy of rauisuchian osteoderms (Archosauria: Pseudosuchia). *Palaeontology*, 54(6), 1289–1302. <https://doi.org/10.1111/j.1475-4983.2011.01098.x>
- Scheyer, T. M., Schmid, L., Furrer, H., & Sánchez-Villagra, M. R. (2014). An assessment of age determination in fossil fish: The case of the opercula in the Mesozoic actinopterygian *Saurichthys*. *Swiss Journal of Palaeontology*, 133(2), 243–257. <https://doi.org/10.1007/s13358-014-0068-4>
- Scheyer, T., Neenan, J. M., Bodogan, T., Furrer, H., Obrist, C., & Plamondon, M. (2017). A new, exceptionally preserved juvenile specimen of *Eusauropsphargis dalsassoi* (Diapsida) and implications for Mesozoic marine diapsid phylogeny. *Scientific Reports* 7, 4406, 1–22. <https://doi.org/10.1038/s41598-017-04514-x>
- Schneider Franken, I. (1943). *Ricchezze del suolo ticinese: Studio economico sullo sfruttamento delle pietre da costruzione e delle materie prime minerali*. Istituto editoriale ticinese.
- Schwarz, W. (1970). Die Triasfauna der Tessiner Kalkalpen. XX. *Birgeria stensiöi* ALDINGER. *Schweizerische Paläontologische Abhandlungen*, 89, 1–93.
- Schweighauser, J. (1950). Spirillinen aus dem Lias von Arzo (Tessin). *Eclogae geol. Helv*, 43(2), 226–236.
- Sciunnach, D., Gaetani, M., & Roghi, G. (2015). La successione terrigena pre-Ladinica tra Lugano e Varese (Canton Ticino, Svizzera; Lombardia, Italia). *Geologia Insubrica*, 11, 45–61.
- Senn, A. (1924). Beiträge zur Geologie des Alpensüdrandes zwischen Mendrisio und Varese. *Eclogae Geologicae Helvetiae*, 18(4), 552–632.
- Senn, A. (1948). Aus Stein wird Oel. *Leben und Glauben*.
- Senn, S., & Steiner, J. (1974). *Die Höhlen der Gemeinde Meride (Tessin)*.
- Sharp, Z. D., Atudorei, V., & Furrer, H. (2000). The effect of diagenesis on oxygen isotope ratios of biogenic phosphates. *American Journal of Science*, 300(3), 222–237. <https://doi.org/10.2475/ajs.300.3.222>
- Sommaruga, A., Hochuli, P. A., & Mosar, J. (1997). The Middle Triassic (Anisian) conglomerates from



Bibliography of the UNESCO WHL site Monte San Giorgio (Switzerland, Italy)

Fondazione del Monte San Giorgio
D. Albisetti, H. Furrer, 10.10.2024

Capo San Martino, South of Lugano-Paradiso (Southern Alps, Switzerland). *Geologia Insubrica*, 2(1), 1–14.

Sordelli, F. (1857). *Sulle piante fossili recentemente scoperte a Besano nel circondario di Varese. Atti della Società Italiana di Scienze Naturali*(29).

Spiekman, S. N. F. (2020). *The Phylogeny and Palaeobiology of “Protorosauria” with a Focus on the Genus Tanystropheus*. University of Zurich.

Spiekman, S. N. F., Fraser, N. C., & Scheyer, T. M. (2021). A new phylogenetic hypothesis of Tanystropheidae (Diapsida, Archosauromorpha) and other “protorosaurs”, and its implications for the early evolution of stem archosaurs. *PeerJ*, 9. <https://doi.org/10.7717/peerj.11143>

Spiekman, S. N. F., & Mujal, E. (2023). Decapitation in the long-necked reptile *Tanystropheus* (Archosauromorpha, Tanystropheidae). *Current Biology*, 33(R3). <https://doi.org/10.1016/j.cub.2023.04.027>

Spiekman, S. N. F., Neenan, J. M., Fraser, N. C., Fernandez, V., Rieppel, O., Nosotti, S., & Scheyer, T. M. (2020a). Aquatic Habits and Niche Partitioning in the Extraordinarily Long-Necked Triassic Reptile *Tanystropheus*. *Current Biology*, 30, 1–7. <https://doi.org/10.1016/j.cub.2020.07.025>

Spiekman, S. N. F., Neenan, J. M., Fraser, N. C., Fernandez, V., Rieppel, O., Nosotti, S., & Scheyer, T. M. (2020b). The cranial morphology of *Tanystropheus hydroides* (Tanystropheidae, Archosauromorpha) as revealed by synchrotron microtomography. *PeerJ*, 8, e10299. <https://doi.org/10.7717/peerj.10299>

Stockar, R. (2010). Facies, depositional environment, and palaeoecology of the Middle Triassic Cassina beds (Meride Limestone, Monte San Giorgio, Switzerland). *Swiss Journal of Geosciences*, 103(1), 101–119. <https://doi.org/10.1007/s00015-010-0008-2>

Stockar, R. (2012). *Evolution of a Ladinian (Middle Triassic) intraplateau basin: Stratigraphy, microfacies and palaeoecology of the Meride Limestone (Monte San Giorgio, Canton Ticino, Southern Switzerland)*. Université de Lausanne, Faculté des géosciences et de l’environnement.

Stockar, R., Adatte, T., Baumgartner, P. O., & Föllmi, K. B. (2013). Palaeoenvironmental significance of organic facies and stable isotope signatures: The Ladinian San Giorgio Dolomite and Meride Limestone of Monte San Giorgio (Switzerland, WHL UNESCO). *Sedimentology*, 60(1), 239–269. <https://doi.org/10.1111/sed.12021>

Stockar, R., Baumgartner, P. O., & Condon, D. (2012). Integrated Ladinian bio-chronostratigraphy and geochronology of Monte San Giorgio (Southern Alps, Switzerland). *Swiss Journal of Geosciences*, 105(1), 85–108. <https://doi.org/10.1007/s00015-012-0093-5>

Stockar, R., & Bernoulli, D. (2011). *La geologia del Monte Generoso: Tracce di un oceano e anatomia di una montagna*. In: *La scoperta del Monte Generoso*. (Ed. A. Dado). Museo etnografico della Valle di Muggio.



Bibliography of the UNESCO WHL site Monte San Giorgio (Switzerland, Italy)

Fondazione del Monte San Giorgio
D. Albisetti, H. Furrer, 10.10.2024

- Stockar, R., Dumitrica, P., & Baumgartner, P. O. (2012). Early Ladinian radiolarian fauna from the Monte san Giorgio (southern Alps, Switzerland): Systematics, biostratigraphy and paleo (bio) geographic implications. *Rivista Italiana di Paleontologia e Stratigrafia (Research In Paleontology and Stratigraphy)*, 118(3).
- Stockar, R., & Garassino, A. (2013). *Meridecaris ladinica* n. Gen. N. Sp. (Crustacea, Decapoda, Clytiopsidae) from the Middle Triassic (Ladinian) of Monte San Giorgio (Canton Ticino, Switzerland). *Neues Jahrbuch für Geologie und Paläontologie-Abhandlungen*, 270(3), 347–356. <https://doi.org/10.1127/0077-7749/2013/0377>
- Stockar, R., & Kustatscher, E. (2010). The Ladinian flora from the Cassina beds (Meride Limestone, Monte San Giorgio, Switzerland): Preliminary results. *Rivista Italiana di Paleontologia e Stratigrafia (Research In Paleontology and Stratigraphy)*, 116(2).
- Stockar, R., & Renesto, S. (2011). Co-occurrence of *Neusticosaurus edwardsii* and *N. peyeri* (Reptilia) in the lower Meride limestone (Middle Triassic, Monte San Giorgio). *Swiss Journal of Geosciences*, 104(1), 167–178. <https://doi.org/10.1007/s00015-011-0077-x>
- Stoppani, A., & Bellotti, C. (1857). *Studii geologici e paleontologici sulla Lombardia. Colla descrizione di alcune nuove specie di pesci fossili... Studii di Cristoforo Bellotti*. Turati.
- Storrs, G. W. (1993). The systematic position of *Silvestrosaurus* and a classification of Triassic sauropterygians (Neodiapsida). *Paläontologische Zeitschrift*, 67, 177–191.
- Strada, L. (2015). *The Triassic Insects from Monte San Giorgio: Systematics and Paleoenvironmental Implications* [PhD Thesis]. Università degli Studi di Milano.
- Strada, L., Montagna, M., & Tintori, A. (2014). A new genus and species of the family Trachypachidae (Coleoptera, Adephaga) from the upper Ladinian (Middle Triassic) of Monte San Giorgio. *Rivista Italiana di Paleontologia e Stratigrafia (Research In Paleontology and Stratigraphy)*, 120(2), 183–190.
- Sues, H.-D. (2024). Bernhard Peyer and his discoveries of Triassic vertebrates in Switzerland. *Swiss Journal of Palaeontology*, 143(1), 8. <https://doi.org/10.1186/s13358-024-00310-z>
- Sulser, H. (2004). *Arzonellina exotica* n. G. N. Sp., a new brachiopod of indeterminate systematic position from the Lower Liassic (Broccatello) of Arzo (Southern Alps of Switzerland): A short note. *Eclogae Geologicae Helvetiae*, 97, 423–428. <https://doi.org/10.1007/s00015-004-1136-3>
- Sulser, H., & Furrer, H. (2005). Die Brachiopoden des südalpinen Lias von Arzo (Kanton Tessin, Schweiz): Taxonomie und Stratigraphie. *Geologia Insubrica*, 8, 1–52.
- Tintori, A. (1990a). *Ca' del Frate (Varese)*. In: "Pesci fossili italiani: Scoperte e riscoperte".
- Tintori, A. (1990b). *Dipteronotus olgiatii* n. Sp. (Actinopterygii, Perleidiformes) from the Kalkschieferzone of Ca' del Frate (N. Italy). *Atti Ticinensi di Scienze della Terra*, 33, 191–197.



Bibliography of the UNESCO WHL site Monte San Giorgio (Switzerland, Italy)

Fondazione del Monte San Giorgio
D. Albisetti, H. Furrer, 10.10.2024

- Tintori, A. (1990c). *Estherids from the Kalkschieferzone (Triassic) of Lombardy (N. Italy)*. 95–105.
- Tintori, A. (1990d). The actinopterygian fish *Prohalecites* from the Triassic of northern Italy. *Palaeontology*, 33, 155–174.
- Tintori, A. (1992). Fish taphonomy and Triassic anoxic basins from the Alps: A case history. *Rivista italiana di paleontologia e stratigrafia*, 97(3–4), 393–408.
- Tintori, A. (1997). Storia ed evoluzione dei pesci. In *La pesca nel cantone Ticino* (Bd. 253–266). R. Locatelli (ed.), Armando Dadò.
- Tintori, A. (2019). Predators and preys: A case history for *Saurichthys* (*Costasaurichthys*) *costasquamosus* Rieppel, 1985 from the Ladinian of Lombardy (Italy). *Rivista Italiana di Paleontologia e Stratigrafia (Research In Paleontology and Stratigraphy)*, 125(1).
- Tintori, A., & Brambilla, E. (1991). Sexual dimorphism in a conchostracan population from late Ladinian of Southern Calcareous Alps (N. Italy). *Contributions from the Paleontological Museum, University of Oslo*, 364, 65–66.
- Tintori, A., & Felber, M. (2015). I vertebrati marini del Triassico Medio nel XXI secolo: Dal Monte San Giorgio alla Cina. *Geologia Insubrica*, 11, 63–80.
- Tintori, A., Hitij, T., Jiang, D., Lombardo, C., & Sun, Z. (2014). Triassic actinopterygian fishes: The recovery after the end-Permian crisis. *Integrative Zoology*, 9(4), 394–411. <https://doi.org/10.1111/1749-4877.12077>
- Tintori, A., & Lombardo, C. (1999). *Late Ladinian fish faunas from Lombardy (North Italy): Stratigraphy and paleobiology*. In G. Arratia & H. -P. Schultze (Eds.), *Mesozoic fishes 2—systematics and fossil record*. Pfeil.
- Tintori, A., & Lombardo, C. (2005). *Functional morphology vs phylogenesis: The choice of characters. A case history*. In F. Poyato-Ariza (Ed.). 253–258.
- Tintori, A., & Lombardo, C. (2007). New early Semionotidae (Semionotiformes, Actinopterygii) from the upper Ladinian of Monte San Giorgio area (Southern Switzerland and northern Italy). *Rivista Italiana di Paleontologia e Stratigrafia (Research In Paleontology and Stratigraphy)*, 113(3), 369–381.
- Tintori, A., Lombardo, C., Danini, G. L., Felber, M., Marazzi, B., & Vendico, M. (1999). Scavi paleontologici nella Kalkschieferzone di Meride (Canton Ticino, Svizzera): Risultati preliminari della campagna 1997. *Geologia Insubrica*, 3(1), 11–16.
- Tintori, A., Lombardo, C., & Renesto, S. (2010). I vertebrati triassici della Lombardia 150 anni dopo Stoppani. *Una Nuova Geologia per la Lombardia. Istituto Lombardo-Accademia di Scienze e Lettere, Convegno in onore di MB Cita*, 89–114.
- Tintori, A., Muscio, G., & Bizzarini, F. (1990). *Pesci fossili Italiani – scoperto e riscoperto*. *New*



Bibliography of the UNESCO WHL site Monte San Giorgio (Switzerland, Italy)

Fondazione del Monte San Giorgio
D. Albisetti, H. Furrer, 10.10.2024

Interlitho.

Tintori, A., & Renesto, S. (1983). The Macrosemiidae (Pisces, Actinopterygii) from the Upper Triassic of Lombardy (N. Italy). *Rivista italiana di paleontologia e stratigrafia*, 89(2), 209–222.

Tintori, A., & Renesto, S. (1990). A new *Lariosaurus* from the Kalkschieferzone (Uppermost Ladinian) of Valceresio (Varese, N. Italy). *Bollettino della Società Paleontologica Italiana*, 29(3), 309–319.

Tschanz, K. (1986). *Funktionelle Anatomie der Halswirbelsäule von Tanystropheus longobardicus (Bassani) aus der Trias (Anis, Ladin) des Monte San Giorgio (Tessin) auf der Basis vergleichend morphologischer Untersuchungen an der Halsmuskulatur rezenter Echsen*. Dissertation Universität Zürich.

Tschanz, K. (1988). Allometry and heterochrony in the growth of the neck of Triassic prolacertiform reptiles. *Palaeontology*, 31(4), 997–1011.

Tschanz, K. (1989). *Lariosaurus buzzii* n. Sp. From the Middle Triassic of Monte San Giorgio (Switzerland) with comments on the classification of nothosaurs. *Palaeontographica Abteilung A*, 208, 153–179.

Valenti, P., Maspoli, G., & Marazzi, B. (2018). L'ultima Adenophora (Campanulaceae) svizzera: Situazione attuale e prospettive. *Bollettino della Società Ticinese di Scienze Naturali*, 106, 53–62.

Viaretti, M., Bindellini, G., & Dal Sasso C. (2020). An exceptionally well-preserved scorpion from the Besano Formation (Monte San Giorgio, Middle Triassic, Southern Alps): Preliminary study. *Fossilia*, 53–55. <https://doi.org/10.32774/fosreppal.2020.0614>

Viaretti, M., Bindellini, G., & Dal Sasso, C. (2023). A new Mesozoic scorpion from the Besano Formation (Middle Triassic, Monte San Giorgio UNESCO WHL), Italy. *PalZ*, 1–13. <https://doi.org/10.1007/s12542-023-00659-5>

Vonderschmitt, L. (1953). Fazies-Verhältnisse und mögliche Kohlenwasserstoff-Vorkommen des Sottoceneri. *Bulletin der Vereinigung Schweizerischer Petroleum-Geologen und Ingenieure*, 28/59, 15–17.

Weiss, M., & Bindella, N. (1990). *Meride—Dorf aus Stein und Traum*. Comune di Meride.

Wiedenmayer, F. (1963). Obere Trias bis mittlerer Lias zwischen Saltrio und Tremona (Lombardische Alpen): Die Wechselbeziehungen zwischen Stratigraphie, Sedimentologie und syngenetischer Tektonik. *Eclogae Geologicae Helvetiae*, 56(2), 529–640.

Wiedenmayer, F. (1977). Die Ammoniten des Besazio-Kalks: Pliensbachian, Südtessin. *Schweizerische Paläontologische Abhandlungen*, 98, 1–130.

Wiedenmayer, F. (1980). Die Ammoniten der mediterranen Provinz im Pliensbachian und unteren Toarcian aufgrund neuer Untersuchungen im Generoso-Becken (Lombardische Alpen). *Denkschriften*



Bibliography of the UNESCO WHL site Monte San Giorgio (Switzerland, Italy)

Fondazione del Monte San Giorgio
D. Albisetti, H. Furrer, 10.10.2024

der Schweizerischen Naturforschenden Gesellschaft, 153, 1–261.

Wild, R. (1973). Die Triasfauna der Tessiner Kalkalpen. XXIII. *Tanystropheus longobardicus* (BASSANI) (Neue Ergebnisse). *Schweizerische Paläontologische Abhandlungen*, 95, 1–162.

Wild, R. (1980). Die Triasfauna der Tessiner Kalkalpen. XXIV. Neue Funde von *Tanystropheus* (Reptilia, Squamata). *Schweizerische Paläontologische Abhandlungen*, 102, 1–43.

Wilson, L. A. B., Furrer, H., Stockar, R., & Sánchez-Villagra, M. R. (2013). A quantitative evaluation of evolutionary patterns in opercle bone shape in *Saurichthys* (Actinopterygii: Saurichthyidae). *Palaeontology*, 56(4), 901–915. <https://doi.org/10.1111/pala.12026>

Wirz, A. (1945). Die Triasfauna der Tessiner Kalkalpen. XV. Beiträge zur Kenntnis des Ladinikums im Gebiete des Monte San Giorgio. *Schweizerische Paläontologische Abhandlungen*, 65, 1–84.

Wotzlaw, J. F., Brack, P., & Storck, J. C. (2018). High-resolution stratigraphy and zircon U–Pb geochronology of the Middle Triassic Buchenstein Formation (Dolomites, northern Italy): Precession-forcing of hemipelagic carbonate sedimentation and calibration of the Anisian–Ladinian boundary interval. *Journal of the Geological Society*, 175(1), 71–85. <https://doi.org/10.1144/jgs2017-052>

Zangerl, R. (1935). *Pachypleurosaurus edwardsi*, Cornalia sp.: Osteologie, Variationsbreite, Biologie. *Schweizerische Paläontologische Abhandlungen*, 56, 1–80.

Zazzera, A., Brivio, K., Rolfi, J., Bindellini, G., Balini, M., & Renesto, S. C. (2022). *New marine diapsid remains from the Saltrio Formation (Sinemurian) Monte San Giorgio, UNESCO WHL*. Marramà G. & Carnevale G. (eds.). *Paleodays 2022, XXII Edizione delle Giornate di Paleontologia, Volume dei riassunti & guida all'escursione*.

Zenga, E. L. (2017). Aspetti Naturalistici del Massiccio del Monte San Giorgio, con particolare rilievo per la fauna ad Artropodi dei Prati Magri. *Relazione finale per il Corso di «Metodi di analisi degli ecosistemi»*, Università degli Studi di Milano, 94.

Zorn, H. (1971). Paläontologische, stratigraphische und sedimentologische Untersuchungen des Salvatoredolomits (Mitteltrias) der Tessiner Kalkalpen: Unter besonderer Berücksichtigung der Mikrofazies, Diagenese und Taxionomie der Lamellibranchiata. *Schweizerische Paläontologische Abhandlungen*, 1–90.

Zorn, H. (1972). Mikrofazielle Analyse eines mitteltriassischen Riffkomplexes in den Tessiner Kalkalpen. *Mitt. Ges. Geol. Bergbaustud.*, 21 Bd., 123–142.