



**Silvio Claudio Renesto**



UNIVERSITY OF INSUBRIA



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## Contact data

### Associate Professor

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## Biography

Born in Monza on December 24, 1958, graduated in Natural Sciences 110/110 magna cum laude, on November 19, 1981, defending a thesis on Triassic fishes, teacher in primary and secondary schools until 1991, then Curator of the Paleontological Collection of the Museum of The Earth Sciences Department of the University of Milan, from 2002 Associate Professor of Paleontology at the department of Structural and Functional Biology of the University of Insubria, Varese.

## Qualifications and awards

Degree in Natural Sciences. Editor of the Symposium volume of the Third International Symposium on Lithographic Limestones (1999) and Co-organizer of the Workshop on Triassic reptiles Eudimorphodon 30 years from discovery (2003).

## Research interests

Paleobiology and paleobiogeography of Triassic Reptiles from the Tethys margins, both aquatic and terrestrial. My research is aimed to reconstruct the systematic relationships and the mode of Triassic reptiles. My studies of Triassic Reptile faunas from the Southern Calcareous Alps are aimed to document the importance of these sites both for the intrinsic value of the findings (e. g. the oldest flying reptiles come from these sites) and to improve our knowledge of the biodiversity, and paleobiogeographic relationships with other localities. For what concerns biodiversity, my morphofunctional studies highlighted the importance of several taxa whose significance was not fully understood allowing to spread to an international audience allowing other researchers to interpret correctly some taxa (found in USA and UK localities) which were considered as enigmatic for decades. For this reason the study of Italian taxa will go along with the comparison with USA and British faunas in order to spot the presence of common taxa, a research which has already given important results. In addition, new important opportunities seem feasibly to come from the new Chinese localities which again share several taxa with our faunas. My studies have been published in several ISI journals and presented in several international symposia and workshops.

## Teaching experience and appointments

Courses for the degree in "Analisi e Gestione delle Risorse Naturali" (Analysis and Management of Natural Resources): Paleontology (5credits) Vertebrate Paleontology (5 credits) Functional Morphology of the Vertebrate Skeleton (4 credits) Models of

Biodiversity (2 credits) Recent Paleocology (6 credits) Courses for the degree in "Biology": Paleobiology (5 credits) Courses for the degree in "Scienze delle Comunicazioni"( Communication Sciences): Scientific Museology (2 credits)

Member of the Commissione Ordinamento, Commissione Paritetica, Commissione Piani di Studio and Diploma Supplement.

## Representative publications

1. Renesto S. 1992. The anatomy and relationships of *Endennasaurus acutirostris* (Reptilia, Neodiapsida), from the Norian (Late Triassic of Lombardy). *Rivista Italiana di Paleontologia e Stratigrafia* 97 (3-4): 409-430.
2. Renesto S. 1993. An isolated sternum of *Eudimorphodon* (Reptilia, Pterosauria) from the Norian (Late Triassic) of the Bergamo Prealps (Lombardy, Northern Italy). *rivista Italiana di Paleontologia e Stratigrafia* 99 (3): 415-422.
6. Renesto, S. 1993. A juvenile *Lariosaurus* (Reptilia, Sauropterygia) from the Kalkschieferzone (Uppermost Ladinian) near Viggi (Varese, Northern Italy). *Rivista Italiana di Paleontologia e Stratigrafia* 99: 199-212.
7. Renesto S. 1994a. *Megalancosaurus*, a possibly arboreal archosauromorph (Reptilia) from the Upper Triassic of Northern Italy. *Journal of Vertebrate Paleontology* 14(1): 38-52.
8. Renesto S. 1994b. The shoulder girdle and anterior limb of *Drepanosaurus unguicaudatus* (Reptilia Neodiapsida) from the Upper Triassic (Norian) of Northern Italy. *Zoological journal of the Linnean Society* 111 (3): 247-264.
9. Renesto S. 1994c. A new Prolacertiform reptile from the Late Triassic of Northern Italy. *Rivista Italiana di Paleontologia e Stratigrafia* 100(2): 285-306.
10. Renesto S. 1995. A sphenodontid from the Norian (Late Triassic) of Lombardy (Northern Italy): A preliminary note. *Modern Geology*. v. 20 pp. 149-158.
11. Renesto S. 1995. Ecology and Taphonomy of the Reptiles from the Calcare di Zorzino (Norian, Late Triassic, N.Italy). Extended abstract of II International Symposium on Lithographic Limestones, p. 123-130, July 1995, Cuenca.
12. Renesto S. & Paganoni A. 1995. A new *Drepanosaurus* from The late Triassic of Northern Italy. *Neues Jahrbuch für Geologie und Paleontologie Abhandlungen*.v. 197, n. 1, pp.87-99.
13. Renesto S. & Tintori A. 1995. Functional morphology and mode of life of the Late Triassic placodont *Psephoderma alpinum*, Meyer from the Calcare di Zorzino (Lombardy, N. Italy). *Rivista italiana di Paleontologia e Stratigrafia*. v 101 n. 1. pp. 37-48.
14. Renesto S. & Paganoni A. 1998. A phytosaur skull from the Norian

(Late Triassic) of Lombardy (Northern Italy). *Rivista Italiana di Paleontologia e Stratigrafia*, 104/1:115-122.

15. Renesto S. & Lombardo C. (1999) Structure of the tail of a phytosaur (Reptilia, Archosauria) from the Norian (Late Triassic) of Lombardy (Northern Italy). *Riv.It.Paleont.Strat.*, 105: 135-144.

16. Renesto S. 2000. Bird-like head on a chameleon body: New specimens of the enigmatic diapsid reptile *Megalancosaurus* from the Late Triassic of Northern Italy. *Rivista Italiana di Paleontologia e Stratigrafia* 106(2): 157-180.

17. Renesto S. & Dalla Vecchia F. 2000. The unusual dentition and feeding habits of the prolacertiform reptile *Langobardisaurus* (Late Triassic, Northern Italy). *Journal of Vertebrate Paleontology*, 20(3): 622-627.

18. Renesto S. (2000) Bird-like head on a chameleon body: new specimens of the enigmatic diapsid reptile *Megalancosaurus* from the Late Triassic of Northern Italy. *Rivista Italiana di Paleontologia e Stratigrafia*, 106(2):157-180. EN

19. Renesto S. and M. Avanzini., 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*, 224 (1): 31-48.

20. Renesto S., F. M. Dalla Vecchia & D. Peters 2002 Morphological evidence for bipedalism in the Late Triassic Prolacertiform reptile *Langobardisaurus*. *Senckenbergiana Lethaea* 82(1): 95-106.

21. Avanzini M. & Renesto S. 2002. A review of *Rhynchosauroides tyrolicus* Abel, 1926 ichnospecies (Middle Triassic: Anisian-Ladinian) and some inferences on *Rhynchosauroides* trackmaker. *Rivista Italiana di Paleontologia e Stratigrafia* 108 (1): 51-66.

22. Renesto S. and N. C. Fraser (2003) *Drepanosaurid* (Reptilia: Diapsida) remains from a Late Triassic fissure infilling at Cromhall Quarry (Avon, Great Britain). *Journal of Vertebrate Paleontology*, 23(3): 703-705.

23. Renesto S. and R. Posenato (2003) A new lepidosauromorph reptile from the Middle Triassic of the Dolomites. *Rivista Italiana di Paleontologia e Stratigrafia* 109 (463-474).

24. Renesto S. Lombardo C. Tintori A. and G. Danini (2003) *Nothosaurid* embryos from the Middle Triassic of Northern Italy, an insight on the viviparity of *nothosaurus*. *Journal of Vertebrate Paleontology* 23(4): 957-960.

25. Gozzi E. and Renesto S. (2003) A complete specimen of *Mystriosuchus* (Reptilia, Phytosauria) from the Norian (Late Triassic) of Lombardy (Northern Italy). *Rivista Italiana di Paleontologia e Stratigrafia* 109 (475-498).

26. Renesto S., Pereo M., Lombardo C. (2004) A new specimen of the sauropterygian reptile *Lariosaurus* from the Kalkschieferzone (Uppermost Ladinian) of Valceresio (Varese N. Italy). *Neues Jahrbuch Geologie Und Palaeontologie Monatshefte* 6: 351-369.
27. Muller J. , Renesto S. & Evans S. E. (2005) The marine diapsid reptile *Endennasaurus* from the Upper Triassic of Italy - *Palaeontology* 48 : 15-30.
28. Fraser N. C & Renesto S. (2005) Additional drepanosaur elements from the Triassic Fissure Infills of Cromhall Quarry England – *Jeffersoniana*.15:1-16.
29. Renesto S. (2005). A possible find of *Endennasaurus* (Reptilia, Thalattosauria) from the Late Triassic of Northern Italy, with a comparison with *Pachystropheus*. *Neues Jahrbuch fur Paleontologie und Geologie Monatshefte* 2 : 118-128.
30. Renesto S. & Dalla Vecchia F. M. (2005) the snout and lower jaw of the holotype of *Megsalancosaurus preonensis* (Diapsida, Drepanosauridae) from the Upper Triassic of Northern Italy *Rivista Italiana di Paleontologia e Stratigrafia* 111 (247-257).