THE OSTRACODOLOGIST

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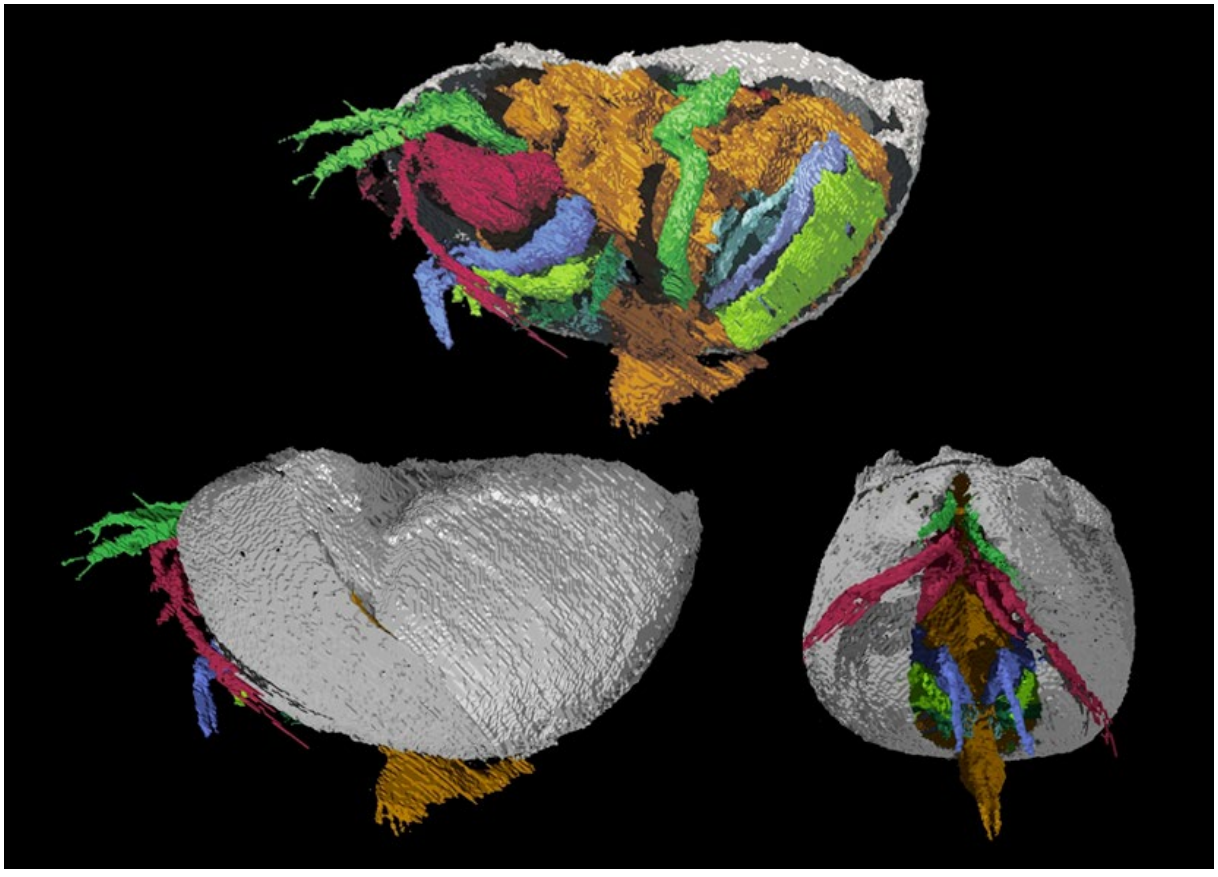

The Silurian ostracod *Colymbosathon ecplecticos* Siveter *et al.*, 2003 with preserved soft-parts

Siveter, David J., Sutton, M., Briggs, D.E.G. & Siveter, Derek J. 2003. An ostracode crustacean with soft parts from the Lower Silurian. *Science* **302:**1749-1751.

THE OSTRACODOLOGIST

NEWSLETTER FOR OSTRACODE WORKERS

No. 21 Tel Aviv, March 1974

Dear Friends:

Most of this number was ready for publications early October 1973, but various things happened. I thank those of you who wrote me during these difficult times.

An old friend, the dean of ostracodologists has passed away after grave illness. All of us, who knew Henry HOWE will feel the loss of a teacher, a scientist and a warm human being.

Ephraim Gerry

EVOLUTION OF POST - PALAEOZOIC OSTRACODES

Hamburg – August 18–26, 1974
Organized by the International Committee of Recent Ostracoda under the sponsorship of the International Paleontological Association.
Over 100 colleagues answered the first circular and around 50 promised to attend.
For information contact Prof. Dr. G. Hartmann, Zool.Inst.& Museum, Papendamm 3, D–2 Hamburg 13, Germany.

The new building of the Zoological Institute will be reserved for scientific and social meetings until late evening hours (club room). Collections, laboratories, and the Scanning Electron Microscope are located in the neighbouring old Museum building. The participants will be lodged in hotels within walking distance to the institute. If necessary, car service can be provided. The prices for single rooms start at about DM 20.– ($ 7.50). Room reservation cards will be enclosed with the 3rd circular. Only very few rooms will be available in student hostels. These rooms will be reserved for colleagues with law income or related difficulties.
Special arrangements will be made for dinners and evening meals.
Several oligoscientific activities will interrupt the presentations of ostracodological results.

Remarks on the Post–Colloquium Excursion–localities :

Excursion I; Tertiary :

Helmstedt section: Eocene (no ostracoda)
L. Oligocene (Bosquetina, Pterygocythereis etc.)
Kasseler Meeressand: type formation of the Chattian. Rich fauna of ostracods
Bunde: L. Oligocene Brandhorst fm.(Moos 1963–70).
U. Oligocene Doberg fm. (Lienenklaus, Moos)
Twistringen: M. Miocene (cf.Bassiouni, 1962)

Excursion II; Mesozoic :

Gehrden: M. Santonian (littoral and sublittoral facies, rich in ostracoda)
Sarstedt; (2 or 3 outcrops): Santonian (sublittoral, Oertliella)
L. Albian (ostracoda rare)
Aptian (Cythereis)
Barremian (ostracoda very rare)
U. Hauterivian (Cythereis)
Goslar : Domerian (Healdiidae)
Toarcian (Procytheridea)
L. and U. Bajocian (Glyptocythere, Pleurocythere, Fuhrbergiella)
Bad Harzburg: Kimeridgian (Macrodentina)
Hildesheim-Hannover-Peine: L. Cretaceous and L. and M. Jurassic.

Excursion IV : One day travels to North Sea and Baltic. Recent Sampling.

* * * * * * * * * * * *

The collection TERQUEM (1878) : "Les Ostracodes du Pliocene Superieur de l'Ile de Rhodes"; a preliminary revision.

K. WOUTERS (Leuven University, Belgium)

During a long period it was generally accepted that the collection TERQUEM was either destroyed or lost. Recently, nevertheless, this collection has been found again. It is deposited in the "Laboratoire de Micropaleontologie" of the "Museum d'Histoire Naturelle" at Paris.

I am highly indebted to Dr. Y. LE CALVEZ for all the facilities I received during my stay at the "Museum", and for the permission she gave me to publish this note.
Sincere thanks are also due to Prof. W.P. VAN LECKWIJCK (Leuven) and to Dr. L. VAN DE POEL (Leuven) for their instructive advice.

In 1878 TERQUEM described 98 species and "varieties", and 91 of these taxa were new.

The collection TERQUEM is far from complete. All that is left are 38 slides; two of the 38 slides appeared to be empty.

The ostracods are attached in cardboard micropaleontological slides.

The text on the slides is written with ordinary ink.

According to Dr. LE CALVEZ (personal communication) the hand-writing would be the original hand-writing of TERQUEM.

The following list shows what is left from the original collection.

Symbols: + present in the collection
(+)empty slide

+	Cyrpis propinqua
	Pontocypris sagittula
	Paracypris? aequalis
+	Argillaecia? lithodomoides
+	Bairdia phaseola
+	Bairdia subulata
	Bairdia rustica
+	Bairdia fornicata
	Bairdia subdeltoidea MUENSTER
+	var. supra–dentata
	var. infr–dentata
+	var. angusta
	var. conformis
	Bairdia concinna
	Cytherella fischeri
+	Loxoconcha rhomboides
+	Cococoncha gibberosa
+	Loxoconcha aequalis
+	Xestoleberis ovulum ♂
	Xestoleberis ovulum ♀
	Xestoleberis angustata
	Xestoleberis piriformis
	var. fabacea
+	var. obliqua
	Cythere oliviformis
	Cythere subquadrata
	Cythere gibberosa
+	Cythere dispar
	Cythere praelonga
	Cythere irregularis
	Cythere fabacea
	Cythere cordiformis
+	Cythere cribrata
+	Cythere squamosa
+	Cythere bisinuata
	Cythere fornicata
	Cythere connata
+	Cythere crenulosa
	Cythere geniculata
+	Cythere biangulata
+	Cythere excavata
(+)	Cythere signata
	Cythere labiata
	Cythere lumbricularis
	Cythere marginata
+	Cythere conularis
	Cythere galeiformis
	Cythere proxima
	Cythere lacryma
+	Cythere abscisa
	Cythere inflata
	var. plicata
	var. gibba
	Cythere hieroglyphica
	Cythere terebrata
+	Cythere amoena
	Cythere cornugera
+	Cythere contracta
+	Cythere radiola
	Cythere intorta
+	Cythere cuneiformis
	Cythere conoidea
+	Cythere biflexa
	Cythere nudicosta

	Cythere candida		Cythere spinigera
+	Cythere princeps		Cythere deleta
+	Cythere monile		Cythere petricosa
+	Cythere triplicata		Cythere triseriata
+	Cythere flagellum		Cythere margaritifera
(+)	Cythere propinqua		Cythere jonesi BAIRD
+	Cythere senilis JONES		Cythere ceratoptera BOSQUET
+	Cythere affinis		Cythere cristata
+	Cythere retiformis		Cytheridea hebertiana
	Cythere numerata		Cytheridea hexagona
+	Cythere exornata		Cytheridea tuberculata
+	Cythere corrugata REUSS		Cytheridea sexangularis
	Cythere flexuosa		Cytheridea pinguis JONES
	Cythere intricata		Cytheridea mulleri MUENSTER
	Cythere tuberculata		Cytheridea elongata
	Cythere lamellosa		Cytheridea striatopunctata
+	Cythere tuberosa		Cytheridea ovoides
	Cythere conspicua		Cytheridea oblonga

In the following table several data concerning the TERQUEM collection are mentioned:

1. The original determination by TERQUEM, 1878.
2. The number of carapaces or valves present in the collection; symbols: Car:carapace; LV: left valve; RV: right valve; br: the specimen is broken.
3. State of preservation of the specimens in the collection.
4. Present determination: a preliminary revision.
5. Remarks: the numbers refer to the subsequent systematic or taxonomic remarks we made concerning the species of TERQUEM.

Original determination by TERQUEM, 1878	No valves carapaces	State of Preservation	Present determination	Remarks
Cypris propinqua	1 car.	good	Cytheretta subradiosa (ROEMER , 1838)	
Argillaecia 2 lithodomoides	1 LV 1 RV br.	rather good	Cushmanidea turbida (MUELLER , 1894)	(1)
Bairdia phaseola	1 LV br. 1 RV br.	bad	Loxoconcha sp.cf.L. turbida MUELLER , 1912	
Bardia subulata	1 LV	good	"Bairdia" formosa BRADY , 1868	
Bairdia fornicata	1 car.	good	Aurila fornicata (TERQUEM , 1878)	(2)
Bairdia subdeltoidea MUENSTER var supra-dentata	1 RV br. 2 fragments	rather good	Bairdopillata supraden-tata (TERQUEM , 1878)	(3)
Bairdia subdeltoidea MUENSTER var. angusta	1 RV 1 LV 1 Car.	good	Neonesidea longeva-ginata (MUELLER , 1894) and Neonesidea fre-quens (MUELLER , 1894)	(4)
Loxoconcha rhomboides	1 LV	good	Loxoconcha rhomboides TERQUEM , 1878	(5)
Loxoconcha gibberosa	1 LV 1 RV	good	Loxoconcha gibberosa TERQUEM , 1878	(6)
Loxoconcha aequalis	2 RV 2 LV	good	Loxoconcha tumida BRADY , 1869	(7)
Xestoleberis ovulum ♂	2 fragments	bad	Xestoleberis sp.	
Xestoleberis piriformis var. obliqua	1 car.	good	Xestoleberis sq. ex gr. X. margaritea (BRADY , 1866)	
Cythere dispar	2 LV 1 RV 1 Car.	good	Loxoconcha tumida BRADY , 1869	(7)

Original determination by TERQUEM, 1878	No valves carapaces	State of Preservation	Present determination	Remarks
Cythere cribrata	1 LV 1 RV	good	Echinocythereis (Rhodicythereis) cribrata (TERQUEM, 1878)	(8)
Cythere squamosa	1 Car.	very bad	Echinocythereis (Rhodicythereis cribrata (TERQUEM, 1878) ?	(8)
Cythere bisinnata	1 Car.	good	Aurila bisinuata (TERQUEM,1878)	(9)
Cythere crenulosa	1 Car.	good	Urocythereis crenulosa (TERQUEM, 1878)	(10)
Cythere biangulata	1 LV 1 RV	good	Cytheropteron biangulatum (TERQUEM, 1878)	(11)
Cythere excavata	1 RV	good	Echinocythereis (Rhodicythereis) cribrata (TERQUEM, 1878)	(8)
Cythere signata	empty slide	–	–	
Cythere comularis	1 Car.	good	Buntonia (Buntonia) comularis (TERQUEM, 1878)	(12)
Cythere abscisa	1 Car.	good	Aurila abscisa (TERQUEM, 1878)	(13)
Cythere amoena	3 fragments	very bad	–	
Cythere contracta	1 Car.	good	Neonesidea corpulenta (MUELLER, 1894)	(14)
Cythere radiola	1 Car.	good	Aurila radiola (TERQUEM, 1878)	(15)

Original determination by TERQUEM, 1878	No valves carpaces	State of Preservation	Present determination	Remarks
Cythere cuneiformis	1 Car.	rather good	Caudites calceolatus (COSTA,	(16)
Cythere biflexa	3 Car.	good	Falunia (Hiltermannicythere) quadridentata (BAIRD, 1850) and Falunia sp.	(17)
Cythere princeps	1 Car.	good	Carinocythereis carinata (ROEMER, 1838)	(18)
Cythere monile	1 Car.	bad	probably Carinocythereis carinata (ROEMER, 1838)	(18)
Cythere triplicata	2 Car.	good	Costa batei (BRADY, 1866)	(19)
Cythere flagellum	2 fragments	very bad	probably Costa sp.	
Cythere propinqua	empty slide	–	–	(18)
Cythere senilis JONES, 1856	1 Car.	good	Carinocythereis carinata (ROEMER, 1838)	(18)
Cythere affinis	2 Car.	good	Carinocythereis carinata (ROEMER, 1838)	(18)
Cythere retiformis	1 LV 1 RV 3 Car.	good	Mutilus retiformis (TERQUEM, 1878)	(20)
Cythere exornata	1 LV 1 RV 2 Car.	good	Quadracythere (Tenedocythere) prava (BAIRD, 1850)	(21)
Cythere corrugata REUSS, 1850	2 Car.	good	Quadracythere (Tenedocythere) prava (BAIRD, 1850)	(21)
Cythere tuberosa	1 Car.	good	Carinocythereis antiquata (BAIRD, 1850)	(22)

(1) Argillaecia ?lithodomoidea TERQUEM, 1878 belongs to the genus Cushmanidea BLAKE, 1933 (?= Pontocythere DUBOWSKY, 1939), and therefore becomes a junior secundary homonym of Cushmanidea lithodomoidea (BOSQUET, 1852). TERQUEM's species is identical to C. turbida (MUELLER, 1894), and according to the "International Code of zoological nomenclature" C. turbida can be used as replacement name.

(2) Bairdia fornicata TERQUEM, 1878 belongs to the genus Aurila POKORNY, 1955. The species shows close resemblance to Aurila cruciata cruciata (RUGGIERI, 1950) (see also SISSINGH, 1972, p.114, pl. 8, fig. 6.).

(3) Bairdia subdeltoidea MUENSTER var. supra-dentata TERQUEM, 1878 has been reported by SISSINGH (1972,p.75, pl.2, fig. 10) as Bairdopillata (Bairdopillata) supradentata (TERQUEM), and his figure corresponds very well with the specimen in the TERQUEM-collection. This specimen is broken at its postero-dorsal margin.

(4) Bairdia subdeltoidea MUENSTER var. angusta TERQUEM, 1878 is a junior homonym of Bairdia angusta SARS, 1866. In the TERQUEM-collection we found one left valve and two right valves which, according to us are identical to Neonesidea frequens (MUELLER, 1894) and one carapace belonging to Neonesidea longevaginata (MUELLER, 1894). The variety angusta of TERQUEM has to be rejected because of homonymy, and it will depend on the choice of a lectotype whether N. frequens or N. longevaginata is the first junior synonym of TERQUEM's species, and therefore can be used as replacement name.

(5) Loxoconcha rhomboides TERQUEM, 1878 can be considered as a separate species. Concise description: valves thin and oblong; straight dorsal margin with a small elevation at the posterior cardinal angle; strongly curved postero-ventral margin and highly situated posterior extremity; the valve surface is finely punctuated; ventro-laterally a week depression occurs.

(6) Loxoconcha gibberosa TERQUEM, 1878 can be considered as a separate species. Concise description: rather small, very rounded valves; the dorsal margin of the left valve is arched; the ventral border is highly concave; the posterior extremity is blunt and highly situated; the valve surface is clearly punctuated; mainly in the ventro-lateral area the punctuations are arranged in a few rows parallel to the ventral margin.

(7) Loxoconcha aequalis TERQUEM, 1878 according to us is a junior synonym of Loxoconcha tumida BRADY, 1869 (?= Loxoconcha ovulata (COSTA, 1853).
Cythere dispar TERQUEM, 1878 is the same species as Loxoconcha aequalis TERQUEM and can also be considered as a junior synonym of L. tumida BRADY.
TERQUEM (p. 96) mentions indeed a great resemblance between L. aequalis and C. dispar.
Cythere gibberosa TERQUEM, 1878 has also been placed in synonymy with Loxoconcha tumida BRADY by RUGGIERI (1952,p. 75). Specimens of Cythere gibberosa are not present in the collection of TERQUEM.

(8) Cythere cribrata TERQUEM, 1878 and Cythere excavata TERQUEM, 1878 and probably also Cythere squamosa TERQUEM, 1878 (badly preserved) belong to the same species.
C. excavata TERQUEM is a junior homonym of Cythere excavata M'COY, 1844 and therefore has to be rejected.

C. cribrata belongs to the subgenus Rhodicythereis SISSINGH, 1972. Echinocythereis (Rhodicythereis) cribrata (TERQUEM, 1878) differs from the smooth E. (R.) ruggieri SISSINGH, 1972 and from the papillate E. (Rhodicythereis) sp. (sensu SISSINGH, 1972) by its diffuse reticulation on the valves.

(9) Cythere bisinuata TERQUEM, 1878 belongs to the genus Aurila POKORNY, 1955. Aurila aspidoides ULICZNY, 1969 shows close resemblance to TERQUEM's species, and according to us may be regarded as a junior synonym.

(10) Cythere crenulosa TERQUEM, 1878 belongs to the genus Urocythereis RUGGIERI, 1950.
Urocythereis margaritifera alba ULICZNY, 1969 shows resemblance to TERQUEM's species, and it is not impossible that it has to be seen as a junior synonym.

(11) Cythere biangulata TERQUEM, 1878 is considered here, under reservation, as belonging to the genus Cytheropteron SARS, 1866.
The species is characterised by a winglike ventro–lateral expansion. The dorsal and ventral margins are tapering toward the posterior end. The valve surface is very finely reticulated. The hinge consists in the left valve of two terminal crenulate teeth and a finely crenulated median groove. (This is a case of hinge reversal).
We found this species also in the Pliocene of N.E.Tunisia.

(12) Cythere comularis TERQUEM, 1878 belongs to the genus Buntonia HOWE, 1935. Buntonia giesbrechtii robusta RUGGIERI, 1954 has to be considered as a junior synonym of TERQUEM's species.

(13) Cythere abscisa TERQUEM, 1878 belongs to the genus Aurila POKORNY, 1955. The carapace is oblong, with a straight dorsal margin and a ventrally situated caudal process. The valve surface is punctuated with widely spaced, round punctuations. TERQUEM's species resembles Aurila interpretis ULICZNY, 1969.

(14) Cythere contracta TERQUEM, 1878 is a junior homonym of Cythere contracta BRADY, 1870 and therefore has to be rejected. The specimen in the TERQUEM-collection is a Neonesidea corpulenta (MUELLER, 1894). This name can serve as replacement name.

(15) Cythere radiola TERQUEM, 1878 belongs to the genus Aurila POKORNY, 1955. TERQUEM's species shows resemblance to Aurila POKORNY, 1955.
TERQUEM's species shows resemblance to Aurila convexa emathiae ULICZNY, 1969.

(16) Cythere cuneiformis TERQUEM, 1878 according to us us a junior synonym of Caudites calceolatus (COSTA, 1853).
Furthermore C. cuneiformis TERQUEM is a junior homonym of Cythere cuneiformis BRADY, 1866.

(17) In the slide of Cythere biflexa TERQUEM, 1878 we determined two species: Falunia (Hiltermannicythere) quadridentata (BAIRD, 1850) (one carapace and one left valve) and Falunia sp. (two carapaces). These carapaces might be juvenile specimens. A lectotype has to be chosen to decide which of both species present in the slide has to be considered as Cythere biflexa.

(18) Cythere princeps TERQUEM, 1878, Cythere senilis JONES, 1856 (sensu TERQUEM, 1878, non JONES, 1856) and Cythere affinis TERQUEM, 1878 may be regarded as belonging to the same species:
Carinocythereis carinata (ROEMER, 1838), and therefore are junior synonyms.
Furthermore Cythere affinis TERQUEM is a junior homonym of Cythere affinis BRADY, 1869 and has to be rejected.
The specimen of Cythere monile TERQUEM, 1878 is very badly preserved. Probably this species too has to be considered as a junior synonym of Carinocythereis carinata (ROEMER).

The text written on the slides of the collection TERQUEM is the following:

- Cythere princeps TERQUEM, Type.
- Cythere senilis JONES, 1856, pr. C. monile TERQUEM, 1878, Figure.
- Cythere senilis JONES, 1856, pr. C. propingua TERQUEM, 1878, Figure.
- Cythere senilis JONES, Figure.
- Cythere senilis JONES, 1856, pr. C. affinis TERQUEM, 1878, Type.

The slide of Cythere propinqua TERQUEM, 1878 contains no specimens at all. It has to be mentioned that Cythere propinqua TERQUEM is a junior homonym of Cythere propinqua BOSQUET, 1854. On the basis of the specimens in the collection we noticed that TERQUEM did not take into account the possibility of intraspecific variation. For each form he made a new species.

(19) Cythere triplicata TERQUEM, 1878 may be regarded as a junior synonym of Costa batei (BRADY, 1866).

(20) Cythere retiformis TERQUEM, 1878 belongs to the genus Mutilus NEVIANI, 1928. Mutilus dohrni ULICZNY, 1969 (p.52; pl.3, fig. 6 and pl.14, fig.8) is identical to TERQUEM's species and has to be regarded as a junior synonym.
Mutilus retiformis (TERQUEM, 1878) as described and figured by RUGGIERI (1956, p.169; fig. 2 and 3), by ULICZNY (1969, p. 53; pl.14, fig. 8) by SISINGH (1972 p.124 pl.9,fig.12) and by RUGGIERI and SYLVESTER-BRADLEY(1973) does not resemble the species of TERQUEM but clearly is an other (perhaps even two) species.

(21) Cythere exornata TERQUEM, 1878) and Cythere corrugata REUSS, 1850 (sensu TERQUEM, 1878, non REUSS, 1850) both may be considered as belonging to Quadracythere (Tenedocythere) prava (BAIRD, 1850).
We are somewhat surprised by TERQUEM's decision to use two different species names. The specimens in his collection are almost identical.

(22) Cythere tuberosa TERQUEM, 1878 belongs to the genus Carinocythereis RUGGIERI, 1956.
The specimen in the collection corresponds with Carinocythereis antiquata (BAIRD, 1850) as it has been figured by ULICZNY (1969, pl. 16, fig. 5).

Note on the stratigraphical position:

All the slides of the collection bear the indication: "Pliocene Superieur, Rhodes".

According to SISSINGH (1972), it is not certain whether the material of TERQUEM is of Pliocene and/or of Pleistocene age. Furthermore the exact sample locality of TERQUEM is unknown.

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RUGGIERI, G., 1956 – La suddivisione degli Ostracodi gia compresi nel genere Cythereis proposta da Neviani nel 1928.
Atti Soc. It. Sc. Nat., 95, 161–175.

RUGGIERI, G. and P.C. SYLVESTER–BRADLEY, 1973 – On Mutilus retiformis (TERQUEM). Sterio–Atlas of Ostracod Shells, 1: 20: 109–116.

SISSINGH, W., 1972 – Late Cenozoic Ostracoda of the South Aegean Island Arc. Utrecht Micropal. Bull., 6, 1–187, 12 pls.

TERQUEM, O., 1878 – Les Foraminiferes et les Entomostraces-Ostracodes du Pliocene Superieur de l'Ile de Rhodes. Mem. Soc. Geol. France, 3 ieme serie, 1, 81–135, pl. 10–19.

ULICZNY, F., 1969 – Hemicytheridae und Trachyleberididae (Ostracoda) aus dem Pliozan der Insel Kephallinia (Westgriechenland).
Thesis, Munchen, 152 + XI pp., 18 pls.

ADDITIONAL INFORMATION, ADDRESS CHANGES, REQUESTS

Henry Van Wagener Howe Fund has been established to continue the work that Professor Howe started. Contributions may be made through General Reinberg H.V. Howe Fund, L.S.U.Foundation,Baton Rouge,La.70803

Prof.H.S.Puri and Prof.G.Hartmann completed a joint paper on "Summary of Neontological and Paleontological Classification of Ostracoda" The paper with an index and bibliography of all new generic and suprageneric taxa published between 1961–1973 will be published in Mitt.Hamburg Zool.Inst. and will be available for distribution at the Hamburg Symposium.

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LIST OF PUBLICATIONS ON OSTRACODA FOR 1972 – PART III

BLONDEAU, M.–A.
Quelques nouvelles especes d'ostracodes Eocenes des Bassins de Campbon et de Saffre (Loire-Atlantique)
Rev.Micropal.vol.15,no.3,pp.125–133,2 pl.
7 new spp. from the genera Cytheretta, Cytheridea, Eucytherura, Loxoconcha, Paracytheridea, Semicytherura

BUSHMINA, L.S.
(Morphological characteristics of the shell of the genus Hollinella)
Pal.Zhurn.,1/72,pp.140–142,2 figs.
Hollinella kolymica n.sp.

CARAION, F.–E.
Citeva date ecologice privind ostracodele dulcicole din apele temporare si baltile din jurul orasului Bucuresti
St.si Cerc.Biol.ser.Zool.,vol.24,no.3,pp.237–241,1 fig.
Data on freshwater ostracode spp. in permanent and temporary waters in the Bucharest area.

DANIELOPOL, D.L.
Supplementary data on the morphology of Neonesidea and remarks on the systematic position of the family Bairdiidae(Ostracoda:Podocopida)
Proc.Biol.Soc.Washington,vol.85,no.2,pp.39–48,5 figs.

DAMOTTE, R. SAINT-MARCX, P.

Contribution a la connaissance des Ostracodes Cretaces du Liban
Rev.Esp.de Micropal.,vol.4,no.3,pp.273-296,
1 fig.,2 pls.,1 tbl.
20 spp.,7 new,ranging from Upper Aptian to Maastrichtian

DOEBL,F. et al.

Ein "Aquitan"-Profil von Mainz-Weisenau(Tertiar, Mainzer Becken)
Geol.Jb.Ser.A,Heft 5,141 pp.,4 figs.,13 pls.,17 tbls.
Microfaunal,sedimentological and geochemical investigations of an 80 m.thick,1 km.long section.
Ostracoda:pp.67-74,pls.12-14

DONZE, P. LE HEGARAT, G.

Le Berriasien,etage charniers entre le Jurassique et le Cretace; ses equivalents continentaux en Europe du Nord
24th IGC,Sect.7,pp.513-523,2 tbls.,1 fig.

DONZE,P. PORTHAULT', ,B.

Les Ostracodes de la sous-famille des Trachylebe-ridinae dans quelques coupes de reference du Cenomanien du sud-est de la France
Rev.Esp.de Micropal.,vol.4,no.3,pp.355-376,1 fig.,
3 pls.
16 spp. described, 6 n.sp.,2 n.ssp.

DONZE, P. THOMEL, G.

Le Cenomanien de La Foux (Alpes de Haute-Provence) Biostratigraphie et faunes nouvelles d'Ostracodes
Ecl.Geol.Helv.,vol.65/2,pp.369-389,3 figs.,3 pls.
8 new spp.,4 new sspp.

GAGIC, N.

Representatives of Cheikella (Ostracoda) from Neogene sediments of Kraljevo and Kragujevac
Ann.Geol.Pen.Balkanique,vol.37,no.2,pp.155-163
4 pls.
Cheikella subtriangulata n.sp. from freshwater Miocene

KAESLER, R.L. WATERS, J.A.

A census of Holocene species of Xestoleberis (Ostracoda,Podocopida) from the southern oceans
Univ.Kansas.Pal.Contrib.,paper 60,35 pp.,12 figs.,
1 tbl.
34 spp. of Xestoleberis including Semixestoleberis have been found. Original and subsequent descriptions and illustrations.

KOZUR, H.
Einige bemerkungen zur Systematik der Ostracoden und Beschreibung neuer Platycopida aus der Trias Ungarns und der Slowakei
Geol.Pal.Mitt.Innsbruck,vol.2,no.10,pp.1–27,2 pls.
New suprageneric taxomomic system of ostracoda. 1 new genus: Gombaszkella and 3 new spp. of Platycopida described.

KOZUR, H.
Die bedeutung triassischer Ostracoden fur stratigraphische und palaeookologische Untersuchungen
Mitt.Ges.Geol.Bergbaustud.,vol.21,pp.623–660, 3 pls.,2 tbls.

KOZUR, H. ORAVECZ-SCHEFFER,A.
Neue Ostracoden-Arten aus dem Rhat Ungarns
Geol.Pal.Mitt.Innsbruck,vol.2,no.3,pp.1–14,6 fig.
5 new spp.:Aparchitocythere oertlii,A.hungarica, A. rhaetica,Paracypris veghae,Lutkevichinella ?grammi from Rhaetian marls of Hungary and a new Upper Norian sp.:Triebacythere ampelsbachensis from Austria are described.
Differences between Lutkevichinella and Limnocythere are discussed

LETHIERS, F.
Ostracodes famenniens dans l'Ouest du Bassin de Dinant (Ardenne)
Ann.Soc.Geol.du Nord,vol.92,no.3,pp.155–169,14 figs.,1 tbl. 3 pls.
13 spp.,5 new,3 open nomenclature. Top of the Famennien is distinguished by more smooth species(Bairdiidae).

LORD, A.
The ostracod genera Ogmoconcha and Procytheridea in the Lower Jurassic
Bull.Geol.Soc.Denmark,vol.21,,pp.319–336,1 pl.

MALZ, H. WOLBURG,J.
Die Pachycytheridea-Arten (Ostracoda) im NW-deutschen Wealden
Senck.leth.,vol.53,no.5,pp.353–369,3 pls.
Retrospective view of variability and ecology of the genus.

OKUBO, I.
Strandesia camaguinensis Tressler 1937, from Japan (Ostracoda, Cyprididae)
Proc.Japan.Soc.Syst.Zool.,no.8(1972),pp.9–14,1 fig.

OKUBO, I.
Freshwater Ostracoda from Japan,I. Two species of the genus Dolerocypris Kaufmann, 1900
Res.Bull.Shujitsu Jun.Coll.,Okyama,no,1,pp.41–60,3 pls.
1 new ssp.

OKUBO, I. Freshwater Ostracoda from Japan, II. Cypris subglobosa Sowerby, 1840
Res.Bull.Shujitsu Jun.Coll.,Okyama,no.1,pp.61–72,2 figs., 1 pl.

OKUBO, I. Freshwater Ostracoda from Japan, IV. Heterocypris incongruens (Ramdohr, 1808)
Res.Bull.Shujitsu Jun.Coll., Okoyama,no.1,pp.73–84,1 fig.

RUGGIERI, G. Su alcuni Ostracodi marini plio-pleistoceni mediterranei
Atti Soc.It.Sc.Nat.e Mus.Civ.St.Nat.Milano,vol.113(1) pp.89–113,9 figs.
Marine Neogene,Quaternary and Recent Ostracoda from Italy. Two new genera: Falsocythere & Graptocythere. Lixouria raised to generic level, 2 n.spp.

SWAIN, F.M. BROWN,P.M. Lower Cretaceous, Jurassic (?), and Triassic Ostracoda From the Atlantic Coastal Region ,G.S.Prof.Paper 795,55 pp., 10 pls.,32 figs.,2 tbls. 15 new spp., 24 open nomenclature, 32 previously described Ostracoda from 46 recently drilled wells ranging from Jurassic(?) to Cretaceous. 6 spp. 1 new , from Late Triassic lacustrine shales.

LIST OF PUBLICATIONS ON OSTRACODA FOR 1973 – PART I

ADAMCZAK, F. WEYANT M. Rishona Sohn (Ostracoda:Devonian). Morphology and intercontinental distribution
Senck.leth.,vol.53,no.6,pp.523–541,9 figs.,3 pls.

BABINOT, J.–F. Ostracodes Turoniens de la region de Cassis-la-Bedoule (Bouches-du-Rhone,France) -associations et affinites paleogeographiques
GEOBIOS, vol.6,no.1,pp.27–48,2 figs.,5 pls.
15 spp.,2 new:Mauritsina provencialis, Spinoleberis ectypus

BERTELS, A. Ostracodes of the type locality of the Lower Tertiary (lower Danian) Rocanian Stage and Roca Formation of Argentina
Micropaleontology, vol.19,no.3,pp.308–340,2 tbls., 3 figs. 5 pls.
34 spp.,21 new. Correlation with the Lower Danian stage on basis of planctonic foraminifera

BLASZYK, J. NATUSIEWICZ, D. Carboniferous Ostracods from the borings in Northwestern Poland
Act.Pal.Polonica,vol.18,no.1,pp.117–151,3 figs., 8 pls.
34 spp.; 15 spp. and 2 sspp. are new. 3 ostracode horizons corresponding approximately with Tournaisian, Visean and Namurian.

BLESS, M.J.M. The History of the Finebrau Nebenbank Marine Bank (Lower Westphalian A) in South Limburg (The Netherland) – A Case of Interaction between Paleogeography, Paleotectonics and Paleoecology
Med.Rijks Geol.Dienst,N.S.24,pp.57-102, 36 figs.4 pls.,2 tbls., 1 encl.

BUSHMINA, L.S. (Geographical distribution of Late Carboniferous Ostracoda of Siberia)
in:New data on the paleontology of Siberia and Central Asia– NAUKA, Sib.Branch pp.81–87

CADOT,H.M. KAESLER, R.L. Variation of carapace morphology of bairdiacean and cytheracean ostracoda from Bermuda
Univ.Kansas Pal.Contr.Paper 61,10 pp.,7 tbls.,3 figs

CARAION, F.E. Loxoconcha kornickeri n.sp.,eine neue Ostracodenart (Cytheridae-Loxoconchinae),gesammelt in den Littoral-gewassern Kubas (Cinfuegos)
Rev.Roum.Biol.-Zool.,vol.18,no.1,pp.9–13,2 figs.

CARAION, F.E. Date noi privitoire la fauna de Candonine (Ostracoda-Cyprididae) din Romania
St.si Cerc.Biol.Ser.Zool.vol.25,no.1,pp.17–23,3 figs.
5 spp. of Candona described for the first time from Romania

COLIN, J.P. GREKOFF, N. Risaltina aquitanica n.gen.,n.sp.,ostracode noveau du Cenomanien de Dordogne
Rev.Micropal.vol.16,no.1,pp.14–18,1 fig.,1 pl.

DONZE, P. Correlations stratigraphiques dans le Berriasien-Valanginien Inferieur du Sud-Est de la France, sur la base de noveaux Trachyleberidinae (Ostracodes). Remarques paleoecologiques.
Doc.Lab.Geol.Fac.Sci.Lyon- no.57,pp.1–13,2 pls.,1 fig.,1 tbl.
3 sp. of Protocythere : P.mazenoti n.sp.,P.entremontensis n.sp. and P.(?)verdonensis n.sp.

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Zusammenstellung der Schriften von Erich Triebel (+).
Senck.leth.vol.53,no.6.pp.545–548
Complete bibliography of the late Dr.Triebel

EDWARDS,N.(ed.)
British Geological Literature–New Series
Brown's Geol.Inf.Serv. parts 1–3,622 items
Bibliography with abstracts

GERRY, E. ROSENFELD, A.
Amphicytherura distincta and Neocyprideis vandenboldi (Ostracoda), new species from the Cenomanian-Turonian of Israel
Rev.Esp.de Micropal.,vol.5,nool,pp.99–105,2 pls.

GROSDIDIER, E.
Associations d'Ostracodes du Cretace d'Iran
Rev.Inst.Francais du Petr.,vol.28,no.2,pp.131–169,1 fig.,15 pl., 1 tbl.
127 spp. illustrated on 15 plates, open nomenclature. Most spp. are probably new. Material is from 20 offshore wells from the Fars coast.

HOWE, R.C. HOWE, H.J.
Ostracodes from the Shubuta Clay(Tertiary) of Missisipi
J.Pal.,vol.47,no.4,pp.629–656,8 figs.,5 pls.
39 spp. mostly cytheraceans,8 spp.new.

KORNICKER,L.S. HOWE,H.V.
First report of suborder Myodocopina (Ostracoda) from the Tertiary (Eocene,North Carolina) of North America
J.Pal.vol.47,no.5,pp.997–998,1fig.

KRISTAN-TOLLMANN, E.
Zur phylogenetischen und stratigraphischen Stellung der triadischen Healdiiden (Ostracoda) II
Erdoel-Erdgas Zeitschrift,vol.89,no.4,pp.150–155, 3 figs.,2 pls.
Morphological and phylogenetic differences between Toroheakdia and Signohealdia discussed. 5 new spp. from the genera Toroheakdia, Triadohealdia and Acantoscapha described

LETHIERS, S.
Les sections polies:application aux Ostracodes Paleozoiques
GEOBIOS,vol.6,no.3,pp.199–205,13 figs.
Serial thin sectioning of paleozoic ostracoda.

MADDOCKS, R.F.
Bythocypris promoza n.sp., and males of Zabythocypris helicina and Bairdoppilata hirsuta(Ostracoda,Podocopida)
CRUSTACEANA,vol.24,pt.1,pp.33-42,6 figs.

MADDOCKS, R.F.
Zenker.s organ and a new species of Saipanetta (Ostracoda)
Micropaleontology,vol.19,no.2,pp.193–208,6pls.,1 fig.

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Rudiakoviella Triebel(+),nom.nov.,replaces Xenocypris Triebel 1962 (Ostracoda)
Senck.leth.,vol.53,no.6,p.543

MALZ, H.

Ostracoden aus dem Sannois und jüngeren Schichten des Mainzer Beckens, 3 – Ehemalige "Cytheridea" -Arten und -Verwandte Not.HessischenL.-Amt Bodenforsch,101,pp.188–201, 4 pls. Some of Lienenklaus' spp.originally attributed to Cytheridea revised. 4 n.spp. introduced:Schulerideа (Aequacytherideа) lienenklausi.Sch.(A.)rhenana Pseudocytherideа moenana and Neocyprideis(N) enkheimensis

MOOS, B.

Ostracoden des norddeutschen Eozan und einige Arten aus dem Oligozan
Geol.Jb.,A6,pp.25–81,8 pls.
26 spp.and sspp. described and relations of allied spp. examined. 1 sp. and lssp. new.

MOOS, B.

Einige Eucythereura-Arten aus Eozan und Oligozan
Geol.Jb.,A6,pp.83–95,1 pl.
7 spp.,3 new.

MOOS, B.

Ein weiteres Vorkommen der Gattung Phlyctocythere Keij (Ostr.) Geol.Jb.,A6,pp.97–99, 2 figs.
Phlyctocythere eocaenica oriunda n.ssp.,Lower Oligocene

OLTEANU, R. POPESCU, B.

Consideratii paleontologice si sedimentologice privind evolutia ostracodelor in Eocenul de la vest de Cluj
S.cerc.geol.geofiz.geogr.,Ser.geol.,vol.18,no.1
pp.245–260,1tbl.,9 figs.,4 pls.
Ostracode biozonation of the Eocene west of Cluj

RUGGIERI, G.

Gli ostracodi e la stratigrafia del Pleistocene marino mediterraneo
Boll.Soc.Geol.It.,vol.92,pp.213–232,3 figs.
Pleistocene stratigraphy of the Mediterranean basin, ostracoda as guide fossils and paleoclimatological indicators

SISSINGH, W.

Carinovalva n.g.(Ostracoda),and comments on the Ostracode genus Lixouria Uliczny(1969)
Kon.Ned.Ak.van Wetsch.Amsterdam,Proc.ser.B,vol.76,no.2
pp.143–147,2 pls.,1 fig.
Differences between Lixouria,Incongruellina and Carinovalva defined

SOHN, I.G. KORNICKER, L.S. Morphology of Cyprotta kawatai Sohn and Kornicker,1972(Crustacea,Ostracoda),with a Discussion of the Genus
Smithsonian Contr.to Zool.,no.141,28 pp.,18 figs.,6 tbls.
All 34 sp. referred to Cyprotta reviewed. 4 removed from the genus. Detailed morphologic analysis of C. kawatai. C. globulosa(Sharpe,1910) redefined and lectotype designated.

SWAIN, F.M. Upper Cretaceous Ostracoda from the Northwestern Pacific Ocean J.Pal.,vol.47,no.4,pp.711–714,1 pl.
4 Maestrichtian spp. 1.Paraphysocythere riedeli n.sp.

SYWULA, T. Notes on Ostracoda.XIII. General Plan of Structure of the Penis in the Subgenera Candona Baird,Eucandona Daday and Typhlocypris Vejd.of the Genus Candona Baird
Bull.Acad.Pol.Sci.,ser.biol.Cl.II,vol.21,no.2,pp.123–125,1 fig.

STEREO-ATLAS OF OSTRACOD SHELLS
edited by P.C.Sylvester Bradley and David J.Siveter
Volume I. of the Stereo Atlas was published and is available. The various parts, any one of the spp.described and the articles of Sylvester-Bradley on the 'New Palaeontography' and on 'Universal Decimal Classification and Retrieval of Taxonomic Data' may be ordered separately.
Vol.1,4 parts costs £7.50, vol.2 will cost £10.-

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