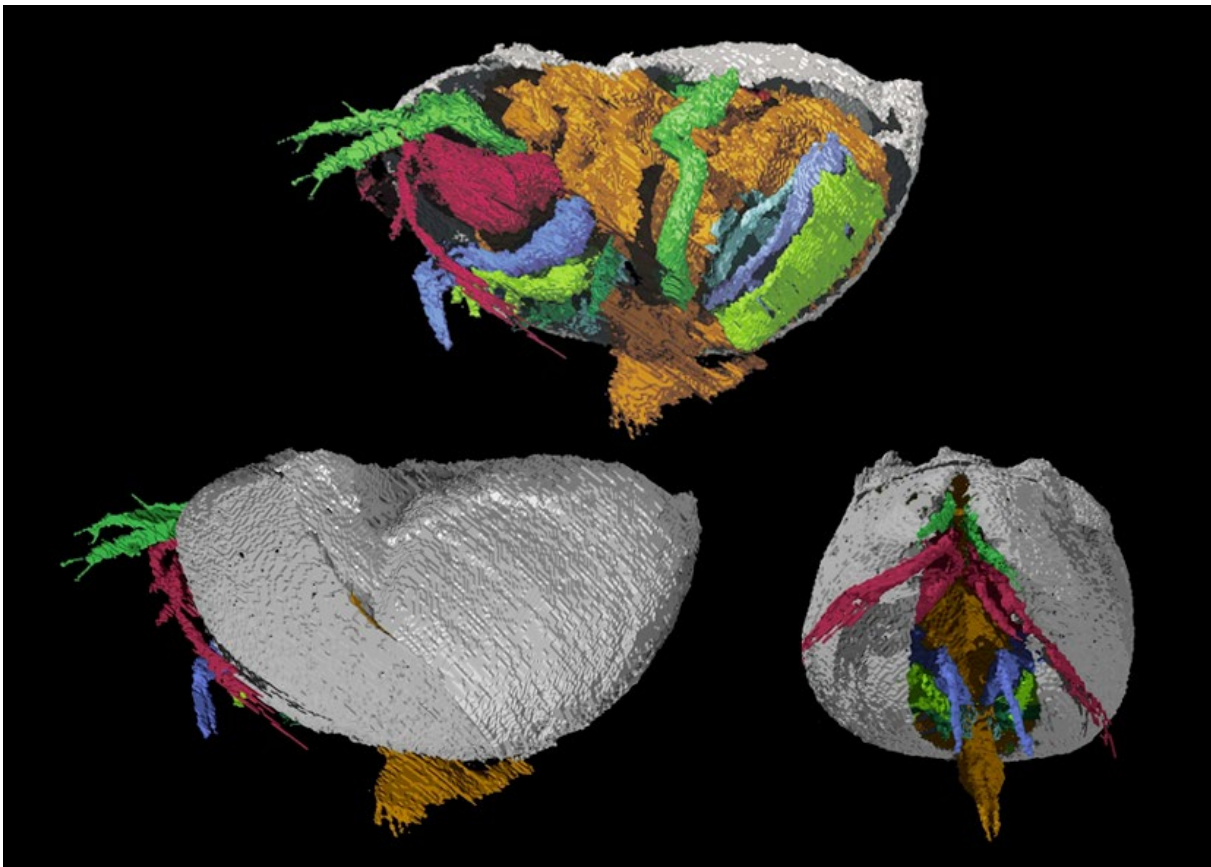


THE OSTRACODOLOGIST

1970
Number 15



The Silurian ostracod *Colymbosathon eplecticos* 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. 15

Tel-Aviv, April 1970.

Dear Friends,

Over 50% of the questionnaires sent out in no. 14 have been returned containing a great deal of useful information. I hope that in the next issue you will see the results and at the Pau Colloquium there will be a discussion on working groups.

The article on the Second All Union Colloquium (USSR) was translated with some help and a great deal of trouble by your editor (I take full responsibility for the probable mistakes).

Ephraim Gerry

* * *

PAU COLLOQUIUM - PALEOECOLOGY OF OSTRACODS (JULY 1970)

Up to February 10, 1970, appr. 100 colleagues were registered as definite participants, 20 more as "possible" ones. Between 50 and 60 papers are announced (in order not to have too "heavy" sessions all authors are kindly but definitely requested not to exceed the 15 minute time limit!). Instructions to authors have been sent in January. The "long abstracts" left Pau - by surface mail - by the end of February. The 4th Circular will be sent by air mail early in April.

Attention: A limited number of ostracod specimens, mainly from published material which have been insufficiently illustrated etc. may be photographed (scanning electron microscope) free of charge, for those attending the Colloquium. Colleagues planning to use this service should notify H.J.Oertli before the Colloquium is possible giving details and number of specimens.

* * *

TYPES OF OSTRACODA DESCRIBED BY TAGE SKOGSBERG IN THE COLLECTION OF THE UNITED STATES NATIONAL MUSEUM OF NATURAL HISTORY, SMITHSONIAN INSTITUTION

by Rosalind Weil

Tage Skogsberg (1928, 1939, 1950) described 24 new species of podocpid ostracoda from the Pacific and Antarctic Oceans. All but 4 of these are represented in the catalogued collection of types in the Division of Crustacea of the U.S. National Museum. Representatives of the 4 missing species may be present among uncatalogued slides (about 400) in the Skogsberg collection, some of whose labels only indicate that the slide contains a new species. The locality, date of collection, number of specimens, and USNM catalogue number of each species is listed on the attachment.

April, 1970.

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<u>Species name</u>	<u>Locality</u>	<u>Number of Specimens</u>	<u>Date Collected</u>	<u>USNM No.</u>
<u>Cocytus caligula</u>	Off mouth of Cumberland Bay-South Georgia Sta. 34.	7 slides - 2♂, 2♀	5 Jun 1902	127431
<u>Cythereis (Cythereis) aurita</u>	California; Pacific Grove.	13 slides - 4♀, 1♂	23 Nov. 1920	127411
<u>Cythereis (Cythereis) discophora</u>	Falkland Islands; Port Louis, Carenage Creek. 51°32'S, 58°07'W Sta 46.	6 slides - 2♀, 1♂	9 Aug, 1902	127412
<u>Cythereis (Cythereis) ehippiata</u>	Falkland Islands; Port Louis, Carenage Creek, 51°32'S, 58°07'W Sta 46.	8 slides - 3 juv., 1♂, 2♀	9 Aug 1902	127413
<u>Cythereis (Cythereis) frequens</u>	South Georgia; off Grytviken 54°22'S, 36°27'W Sta 25.	23 slides - 6 juv., 3♂, 6♀	21 May 1902	127414
<u>Cythereis (Cythereis) glauca</u>	California; Carmel Bay	15 slides - 2♂, 3♀	23 Nov 1920	127415 127416
<u>Cythereis (Procythereis) iganderssoni</u>	Tierra del Fuego; Cape Valentyn.	2 slides - 1♀	12 Mar 1896	127417
<u>Cythereis (Cythereis) longiductus</u>	South Georgia; off Grytviken 54°22'S, 36°18'W Sta 28	5 slides - 1♂, 1♀	21 May 1902	127418
<u>Cythereis (Cythereis) megalodiscus</u>	South Georgia; off Grytviken 54°22'S, 36°28'W Sta 28 12-15 m.	8 slides - 1♂, 1♀	24 May 1902	127419

APRIL, 1970.

<u>Species Name</u>	<u>Locality</u>	<u>Number of Specimens</u>	<u>Date Collected</u>	<u>USNM No.</u>
<u>Cythereis (Cythereis) megalodiscus</u>	South Georgia; off Grytviken 54°22'S, 36°27'W Sta. 25.	8 slides - 2♂, 2♀	21 May 1902	127432
" " "	South Georgia; off Grytviken 1 - 2 m.	1 slide - 1♂	24 May 1902	127441
<u>Cythereis (Cythereis) mesodiscus</u>	Tierra del Fuego Chubut; Puerto Madryn.	2 slides - 1♂	8 Nov 1895	127420
" " "	Isla Nueva	4 slides - 1♂	7 Feb 1896	127433
<u>Cythereis (Cythereis) montereyensis</u>	California; Carmel Bay	26 slides - 5♂, 5♀, 1 sp.	23 Nov 1920	127421
" " "	California; Pacific Grove; just outside Hopkins Mar. Sta.	2 slides - 1♀	23 Nov 1920	127434
" " "	" " "	2 slides - 1♀	28 Jan 1921	127435
" " "	" " "	1 slide - 1♂	17 Nov 1920	127436
<u>Cythereis (Cythereis) pacifica</u>	California; Pacific Grove.	4 slides - 1♂	23 Nov 1920	127422
" " "	California; Carmel Bay	7 slides - 2♀	23 Nov 1920	127437
<u>Cythereis (Procythereis) polita</u>	Tierra del Fuego Isthmus Bay	7 slides - 2♀	29 Mar 1896	127438
<u>Cythereis (Procythereis) radiata</u>	Tierra del Fuego Borja Bay.	3 slides - 2♀	7 Apr 1896	127424

	<u>Species Name</u>	<u>Locality</u>	<u>Number of Specimens</u>	<u>Date Collected</u>	<u>USNM No.</u>
April, 1970.	<u>Cythereis (Procythereis) robusta</u>	South Georgia 54°22'S, 36°28'W Sta 28.	1 slide - 1 juv.	24 May 1902	127425
	<u>Cythereis (Pseudocythereis) spinifera</u>	South Georgia; off Grytviken 54°22'S, 36°27'W Sta 24.	1 slide - 1♂	20 May 1902	127426
	" "	South Georgia; off May Bay 54°17'S, 38°28'W Sta. 22.	4 slides - 2♂	14 May 1902	127439
- 4	<u>Cythereis (Cythereis) taeniata</u>	Falkland Islands; Port Louis, Carenage Creek 51°32'S, 58°07'W	8 slides - 2♂, 3♀	9 Aug 1902	127427
	<u>Cythereis (Cythereis) theeli</u>	Tierra del Fuego; Chubut	2 slides - 1♂	8 Nov 1895	127429
THE OSTRACODOLOGIST No. 15	<u>Cythereis (Procythereis) torquata</u>	Tierra del Fuego; Puerto Condor.	5 slides - 1♂, 1♀	- - 1896	127428
	" "	Tierra del Fuego Cape Valentyn.	4 slides - 1♂, 2♀	12 Mar 1896	127440
	<u>Cytheroma similis</u>	California; Monterey Bay; Pacific Grove	17 slides - 4♂, 2♀	15 Dec 1920	127430

References Cited

Skogsberg, T.

- 1928 Studies on marine ostracods, Part II, External Morphology of the genus Cythereis, with descriptions of twenty-one New Species - Occasional Papers, California Academy of Sciences, vol XV. San Francisco; pp. 1-155, 6 pls.
- 1939 A New Genus and Species of Marine Ostracods from South Georgia. Proc. California Academy of Sciences, vol. XXIII, no. 27, pp. 415-425, 13 figs.
- 1950 Two New Species of Marine Ostracoda (Podocopa) from California. Proc. California Academy of Sciences, vol. XXVI, no. 14, pp. 485-505, 4 pls.

* * *

SECOND ALL UNION COLLOQUIUM ON OSTRACODA

The Second All Union Colloquium was held between 17 - 20.6.1968 in the Department of Paleontology - Stratigraphy of the Academy of Sciences of the Moldavian SSR, in accordance with the decision of the Committee for Micropaleontology of the Academy of Sciences USSR. The following organizations took part in the organization and preparation of the Colloquium: Committee on Micropaleontology, Acad.Sci.USSR; All Union Paleontological Society; Paleontological and Geological Institutes of the Acad.Sci.USSR; Stratigraphical Section, Acad.Sci.Moldavian SSR; All Union Science Research Committee, Ministry of Geology USSR; Geological Survey, (Sovete) Ministry, Moldavian SSR.

140 persons from 50 departments took part in the work of the Colloquium from Moscow, Leningrad, Kiev, Minsk, Tallin, Riga, Baku, Erevan, Tbilisi, Alma, Ata, Dushanbe, Frunze, Tashkent, Kishinev, Charlov, Gorkij, Kazan, Odessa, Lvov, Sverdlovsk, Uchta, Rostov/Don, Ufa, Perm, Saratov, Volgograd, Astrachan, Nebit-Dat, Gurev, Achhtubinsk, Krasnojarsk, Novosibirsk, Tjomen, Kustanai, Karaganda, Irkutsk, Ulai-Ode, Vladivostok and other towns of the USSR.

23 lectures were held on systematics, taxonomic groups and the development of ostracod faunas in the Paleozoic, Mesozoic and Caenozoic of the USSR. Lectures for the XXIII International Geological Congress and the Symposium of the International Paleontological Union were discussed:

Sarv, L.I. - Development of Ordovician Ostracoda of the Prebaltic

Polenova, J.N. - Ostracoda from the early Devonian of the USSR - paleogeography and correlation.

Gramm, M.N. - Some problems of the systematics of Cavellinidae and Healdidae (Ostracoda)

The following lectures were held on the results of the First Colloquium (Lvov, 1963):

Mandelstam, M.I. - New superfamily Cytheracea

Bushmina, L.S. - Systematics and distribution of the Cavellinids.

Rozhdestvenskaya, A.A. - Systematics and distribution of the Aparchitidae.

Mishina, J.M. - Systematics of Darwinulidae

Kocetkova, N.M. - Systematics of Paraparchitidae

Andreev, Y.N. - Systematics of Cytherellidae

During the meeting on questions of methodics the following lectures were held:

Averianov, V.A. - Methods of preparation of ostracode carapace from the matrix.

Zjenkova, G.G. - Methods of preparation of thin sections from Silurian Ostracoda.

A special group of lectures were held on the problems of mathematical methods in connection with ostracoda:

Negadaev-Nikonov, K.N. - Linear methods for measurement of ostracode carapaces.

Karelina, A.V. & Pichorski, Y.N. - On the possibility of use of mathematical methods in ostracode studies.

Skroblo, V.M. - On the use of mathematical analysis and analytical geometry in ostracode studies.

On the day Moldavian material was discussed, the following lectures were held:

Trandafilova, J.F. - Ostracoda in the Silurian and Devonian of Moldavia.

Sinegub, V.V. - Ostracoda from the Neogene of Moldavia.

Negadaev - Nikonov, K.N. - Ostracoda from the Quarternary of Moldavia.

Kavalenka, A.L. - Recent ostracoda from the Dnester area

Besides the programmes the following lectures were held:

Vialov, S.O. - On the activity of other organisms on the ostracode shell

Liventhal, V.E. - Observations on the development stages of ostracoda.

Reports of curators on the work between the first and second colloquium were also heard: Schneider, G.F., Kuznetsova, Z.V., Ljubimova, P.S., Abusik, A.F., Ivanova, V.A., Rozdestvenskaya, A.A., Plenova, J.N., Sarv, L.E.

Besides the theoretical questions, faunal collections from Moldavia and other areas of the USSR were available for study and exchange of information.

In conclusion of the Second Colloquium, we stressed the usefulness of practical colloquia. We expressed the need for continued research, for special colloquia on systematics of Cytheridae and other groups, and further work on mathematical and primary methods. The Department of Paleontology-Stratigraphy, Academy of Science, Moldavian SSR was requested to coordinate the research on mathematical methods of work on ostracoda in the various micropaleontological departments.

We found the work of the curators on a high level. In accordance with growing demand we added further curators: Quarternary continental ostracoda - Negadaev-Nikonov, K.N., Pliocene ostracoda - Imnadze, Z.A.

Because of the great concentration of ostracode work in the Pal./Strat. Dept. of the Academy of Science Mold.SSR., we came to the conclusion that an annual bulletin (in rotaprint) issued in Moldavia on the ostracoda of the USSR is needed.

Organization Committee Second All Union Colloquium on Ostracoda.

(I.E.Zanira, V.A. Ivanova, K.N. Negadaev-Nikonov)

* * *

ADDITIONAL INFORMATION, ADDRESS CHANGES, REQUESTS

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ROMANIA

CHINTAUAN, I. Plio.-Postpliocene
 Stat. de Cercetari Sti. Arcalia
 P.O. Saratel, Bistrita-Nasaud

UNITED STATES

MCGREGOR, D. I. Freshwater, recent and fossil
 Dept. of Zoology, Univ. Georgia
 Athens, Georgia 30601

MEACHAM, J. F. Devonian
 Shell Oil Co.
 POB 1509, Midland, Tex. 79701

VALENTINE, P. C. Taxon., stratigr., geogr.
 U.S. Geol. Survey distribution.
 E-501 U.S. National Museum Mesoz.-Recent
 Washington, D.C. 20242

LIST OF PUBLICATIONS ON OSTRACODA FOR 1967 PART V

CARAION, F. E. Fam. Cytheridae (Ostracode Marine si Salmastricole)
 Fauna Rep. Soc. Romania-Crustacea (Ostracoda) Vol. IV, Fasc. 10
 164pp. 43 figs.
 18 genera, 40 spp. described. 2 new spp.: *Leptocythere romanica*,
Cytherura euxinica.

KRSTIC, N. Pontische ostrakoden aus Ostserbien: 1. *Amplocypris* und *Hungarocypris*
 Ann. Geol. Pen. Balkanique, vol. XXXIII, pp. 237-242, 1tb.
Amplocypris lunatus and *A. ovatus* n. spp.

LIST OF PUBLICATIONS ON OSTRACODA FOR 1968 PART IV

- APOSTOLESCU, V. Reconstitution des conditions de sedimentation et des milieux de depot par des donnees sedimentologiques et paleontologiques conjugees - Exemple de l'Eocene Oligocene de Forcalquier, Manosque (Basses Alpes) Rv.I.F.P. vol. XVIII, No. 6, pp. 774-792, 8 figs., 1 tbl.
- CHRISTENSEN, O.B. Some Deposits and Microfaunas from the Upper Jurassic in Scania with new species of ostracods. Serv. Geol. Und. Arsb. 62 no. 3, pp. 1-46, 13 figs. Lower Purbeckian and Portlandian. Stenstroemia n. gen. (type spec. S. vitabaekensis n. sp.), Rhinoocypris rasilis n. sp.
- DEVOTO, G. Bullocypris robusta, nuovo genere e nuova specie di Ostracoda del Messiniano ipoalino dell'Italia centrale Geol. Rom., vol. 7, pp. 399-404, 11 figs.
- JONES, P.J. Upper Devonian Ostracoda and Eridostraca from the Bonaparte Gulf Basin, Northwestern Australia Dept. Nat. Dev., Bur. Min. Res., Geol. Geoph., Bull. 99 93pp. 21 figs., 7 pl. 22 spp. described, 8 new, 8 with open nomenclature. 20 genera, 1 (Diphyochilina) new, 2 probably new.
- KEEN, M.C. Ostracodes de l'Eocene Superieur et l'Oligocene inferieur dans les bassins de Paris, du Hampshire et de la Belgique, et leur contribution a l'echelle stratigraphique Mem. B.R.G.M. no. 58-Coll. Eocene, pp. 137-145 2 tbls.
- KRSTIC, N. Pontische ostrakoden aus Ostserbien: 2. Candona und Cypria Bull. Geol. Geoph. Inst. vol. 26, ser. A, pp. 243-252, 3 tbls. 6 new spp.: Candona (Pontoniella) paracuminata nom. nov. (for Paracypris acuminata Zalani) Candona (Lineocypris) vajugensis, Candona (Typhlocypris?) selene, Candona (Thaminocypris) negotini, Candona (Candoniella) rectoides, Candona (Reticulocypris) orientalis
- KRSTIC, N. Ostracodes des environs de la mine Breza (sondage Prhinje) Bull. Geol. Geoph. Inst. vol. 26, ser. A., 1 fig. 6 spp. described from middle Miocene freshwater sediments
- KRSTIC, N. Sur un nouveau genre d'ostracode: Stanchevia n. gen. Rev. Micropal. vol. 11, no. 3, p. 143, tbls. 1-4 Genotype: S. gaitanensis (Stancheva 1964)
- MASOLI, M. Ostracodi recenti dell'Adriatico settentrionale tra Venezia e Trieste Mem. Mus. Trid. Sci. Nat. vol. 17, fasc. 1, 71 pp.

13 pls. (212 figs.)

61 spp. from gen. described and illustrated, 2 spp.

Callistocythere adriatica and Semicytherura tergestina
are new.

VIALOV, O.S., ULJANOVA, A.G. Drilling traces on tests of Miocene Ostracoda
Paleont. Sbornik (Lvov) no. 5, pp. 81-87, 5 figs.

ZHIZHCHEKNO, B.P. Micropaleontological methods of stratigraphic studies
and interpretation in oil and gasbearing areas NEDRA,
Moscow, 339 pp.
Ostracoda: pp. 61-73

LIST OF PUBLICATIONS ON OSTRACODA FOR 1969 - PART II

- ASCOLI, P. First data on the ostracod biostratigraphy of the Possagno
and Brendola sections (Paleogene, NE Italy)
Mem. BRGM-no. 69, pp. 51-71, 1 sketch map, 3 rg. charts, 2 pls.
- BASSIOUNI, M.A. Einige Costa- und Carinocythereis (Reticulina) -
Arten aus dem Paläozän und Eozän von Jordanien
(Ostracoda)
N. Jb. Geol. Paläont. Abh., vol. 134, no. 1, pp. 1-16, 2 pls.
4 new spp. and 3 new ssp. described. The "species and
subspecies are phylogenetically related to younger species
from the Egyptian Eocene and are stratigraphically good
markers".
- BASSIOUNI, M.A. Ostracoden aus dem Eozän von Ägypten - I. Trachyleberidinae
Geol. Jb., vol. 87, pp. 383 - 426, 2 tbl., 5 pls.
15 new species and subspecies are described from the
Eocene of Egypt. Trachyleberis, Acantocythereis, Cativella,
Costa, Orionina and Carinocythereis are represented
a new subgenus of Carinocythereis: Reticulina is described.
- BASSIOUNI, M.A. Einige Buntonia- und Soudanella-Arten (Ostracoda, Crustac.)
aus dem Eozän von Jordanien.
Paläont. Z., vol. 43, no. 3/4, pp. 205-214, 2 pls.
5 spp. described, Soudanella gracilicosta, Buntonia ramosa,
B. jordanica, B. awadi are new
- BASSIOUNI, M.A. Technische Hinweise zur Schäuberung von Ostracoden-Schalen
Paläont. Z., vol. 43, no. 3/4, pp. 230-231.
- BIELECKA, W., STYK, O. Assemblage of Foraminifera and Ostracods in the deposits
of clay-siltstone-arenaceous facies of Kujavian and
Bathonian age within the Polish Lowland area
Kwart. Geol., vol. 13, no. 3, pp. 619-628, 2 tbl.

- BLESS, M.J.M., JORDAN, H., MICHEL, M. PH. Ostracodes from the Aegir Marine Band (basis Westphalian C) of South Limburg (Netherlands) *Med. Rijks Geol. Dienst, New Ser. no. 20, 17 pp., 9 tpls, 6 pls* 16 spp. described, some with open nomenclature.
- BOLD, W.A. VAN DEN Messinella a new genus of Ostracoda in the Caribbean Cenozoic *Micropaleontology, vol. 15, no. 4, pp. 397-400, 1 pl.* Typespecies: Messinella jamaicensis n.sp.
- DEPECHE, F. Description de quelques Ostracodes nouveaux du Bathonian Lorrain *Rev. Micropal., vol. 12, no. 2, pp. 107-118, 3 pl.* New spp.: Oligocythereis? lacunosa, O. bouvadensis, O. quadricostata Eocytheridea? punctata
- DIEBEL, K., PIETRZENIUK, E. Ostracoden aus dem Mittelpleistozän von Süssenborn bei Weimar. *Paläont. Abh., A., vol. 3, no. 3/4, pp. 463-488, 12 figs. 4 pl.* 25 spp. listed, 3 new spp.: Amplocypris? sp., Candona tricicatricosa, Eucypris dulcifons and Sclerocypris? clavata prisca ssp.n. are described.
- DINGLE, R. V. Marine Neocomian Ostracoda from South Africa *Trans. roy. Soc. S. Afr. vol. 38, pt. 2, pp. 139-163, 14 figs., 1 tbl., 1 pl.* A new genus: Rostrocycytheridea (type spec. R. chapmani n.sp.) a new subgenus: Amphicytherura (Sondagella) (type spec. A. (S.) theloides) and eight new species are described.
- DINGLE, R. V. Upper Senonian Ostracods from the coast of Pondoland, South Africa. *Trans. roy. Soc. S. Afr., vol. 38, pt. 4, pp. 347-385, 21 figs.* Four new genera: Pondoina (type spec. P. sulcata n.sp.), Paraphycocythere (type spec. P. thompsoni n.sp.), Haughtonileberis (type spec. H. haughtoni n.sp.), Gibberleberis (type spec. G. africanus n.sp.) and 13 new spp. are described.
- GRAMM, M. N. The significance of structure and evolution of homologous organs for phylogeny, with examples from adductor muscle scars of fossil ostracodes. *from: Problems of Phylogeny and Systematics, reports on a symposium, Far East Geological Inst., All Union Paleont. Soc., Vladivostok branch. pp. 72-91, 6 figs.*

- GUTENTAG, E., GALLI-OLIVIER, C. New locations of Pleistocene (Kansan) Molluscan and Ostracode faunas, Dickinson County, Kansas U.S. Geol. Survey, Prof. Paper 650D, pp. 148-154, 3 figs., 4 tbl.
- HAGERMAN, L. Respiration, anaerobic survival and diel locomotory periodicity in Hirschmannia viridis Müller (Ostracoda) Oikos, vol. 20, no. 2, pp. 384-391, 13 figs.
- HAGERMAN, L. Environmental factors affecting Hirschmannia viridis (O.F. Müller) (Ostracoda) in shallow brackish water Ophelia, vol. 7, pp. 79-99, 12 figs., 1 tbl.
- HAZEL, J. E., VALENTINE, P. B. Three new ostracodes from off northeast North America J. Pal., vol. 43, no. 3, 7 figs, 2 pl. 3 new spp.: Cytherura? mainensis, Munseyella atlantica, M. mananensis from the Pleistocene and Holocene
- HILTERMANN, H. Fortschritte der Mikropaläontologie in Deutschland mit einer Bibliographie für das Jahr 1968. Paläont. Z., vol 43 no. 3/4, pp. 215-229 Ostracoda: pp. 218-219
- KORNICKER, L. S. Station data on ostracoda collected by the "Travailleur" and "Talisman" (1881-1883) Crustaceana, vol. 16, pt. 1, pp. 111-112, 2 tbls.
- KORNICKER, L. S. Bathyconchoecia deeveyae, a highly ornamented new species of ostracoda (Halocyprididae) from the Peru-Chile trench system. Proc. Biol. Washington, vol. 82, pp. 403-408, 1 pl., 2 figs.
- KORNICKER, L. S. Morphology, Ontogeny, and Intraspecific Variation of Spinacopia, a New Genus of Myodocopid Ostracod (Sarselliidae) Smiths. Contr. to Zoology, no. 8, 50 pp., 26 figs., 7 tbls., 6 pls. Type spec. S. sandersi n. sp.
- KOZUR, H. Die Gattung Speluncella SCHNEIDER in der germanischen Trias Freib. Forschungshefte, C245, pp. 47-67, 2 figs, 1 tbl., 4 pls. Revision of the genus; Pulviella is considered a subgenus of S. Laevicythere and Christellocythere are considered synonyms
- KRSTIC, N. Ostracodes Meothiens des environs de Negotin Vesnik, vol. 27, pp. 217-224, 1 fig., 1 map
- LAURENCHICH, L. A. Some Ostracoda from the Alazan Formation, Mexico Micropaleontology, vol. 15, no. 4, pp. 493-503, 2 figs, 1 tbl., 2 38 spp. recorded, 23 described from the Oligocene of Mexico. 1 new sp.: Cytheropteron mexicanum

- MADDOCKS, R.F. Revision of Recent Bairdiidae (Ostracoda)
U.S.Nat.Mus.Bull.295,126 pp.63 figs., 3 tpls., 2 pl.
The following new classification is proposed:
Subfamily Bairdiinae Sars 1888
Neonesidea n.g.
Paranesidea n.g.
Triebelina Bold,1946
Bairdoppilata Coryell, Sample and Jennings,1935
B.(Bairdoppilata) Coryell, Sample and Jennings
1935.
B.(Glyptobairdia) Stephenson, 1946
Subfamily Bythocypridinae, new subfamily
Bythocypris Brady, 1880
Zabytocypris n.g.
Anchistrocheles Brady and Norman, 1889
19 new spp. described.
- MADDOCKS, R.F. Recent Ostracodes of the Family Pontocyprididae
Chiefly from the Indian Ocean
Smiths.Contr.Zool.no.7,56 pp.,35 figs., 3 tpls.
48 spp. and 2 spp. are described. 12 new, 30 in open
nomenclature. Two new subgenera of the genus Propontocypris
: Ekpontocypris and Schedopontocypris.
- MAREK, S., BIELECKA, W. SZTEJN, J. Upper Portlandian (Volgian) and Berriasian
(Riazanian) in the Lowland area of Poland
Kwart.Geol.vol.13,no.3,pp.566-582,3 figs.,1pl.
With correlation chart of the Jurassic Cretaceous
boundary in Europe and distribution of 35 spp. of
ostracoda and 17 spp. of foraminifera in the Jur./Cret.
boundary in the Polish Lowlands.
- MARGERIE, P. Sur la description des especes nouvelles d'Ostracodes
Rev. Micropal. vol.11,no.4,pp.241-245,4 figs.
-
- NEALE J.W.(editor) The Taxonomy, Morphology and Ecology of Recent Ostracoda
X+553 pp.,222 figs., 39 tpls.,31 pl.
Edinburgh: Oliver & Boyd
This work contains most of the lectures at the Symposium held
at Hull in July 1967. The discussion following each lecture is also printed.

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- NEGADAEV-NIKONOV, K.N. Ostracoda from the Lower Pleistocene Deposits of the Kolkotov Ravine (Tiraspol Area)
Bull. Ac. Sci. Moldav. SSR, no. 2, pp. 45-51, 3 figs., 4 pls
Freshwater ostracoda.
- NEGADAEV-NIKONOV, K.N. PECERSKI, U.N. Application of coordinates method in the study of ostracode shells
Bull. Ac. Sci. Moldav. SST, no. 2, pp. 88-89, 1 fig.
- PLUSQUELLEC, P.L., SANDBERG, PH.A. Some genera of the ostracode subfamily Campylocytherinae
Micropaleontology, vol. 15, no. 4, pp. 427-480, 14 figs., 3 tpls., 10 pls.
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- PURI, H.S., DICKAY, B.E. Use of radial pore canals in Taxonomy and Paleocology of Ostracoda
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- SANDBERG, PH.A. Appendages and family placement of the ostracod genus Pellucistoma
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- SYLVESTER-BRADLEY, P.C. Comparative and Functional Sex in Ostracoda and Cephalopods I.U.G.S. Ser. A, no. 1, pp. 242-250, no illustrations

- TRIEBEL, E., MALZ, H. "Normale" und inverse Gehäuse bei den Loxoconchinae (Ostracoda): Loxoconchissa n.g. Senck, leth. vol 50, no. 5/6, pp. 447-463, 2 figs., 3 pls. Type spec.: L. foveolata n.sp. and L. spongiosa n.sp. both from the Maotian (Lower Pliocene) of Roumania
- ULICZNY, F. Hemicytheridae und Trachyleberidae (Ostracoda) aus dem Pliocän der Insel Kephallinia (Westgriechenland) Ph.D. Thesis, Ludwig Maximilian Univ. Munich pp. 1-152+XI, 12 figs., 5 tpls, 12 figs., 18 pls. 36 new spp. and spp. One new genus Cistacythereis, type spec.: C. cebrenidos n.sp.
- YASSINI, I. Ecologie des Associations d'Ostracodes du Bassin d'Arcachon et du Littoral Atlantique - Application a l'Interpretation de quelques Populations du Tertiaire Aquitain Bull. Inst. Geol. Bass. Aquit., no. 7, 288+XXIVpp., 54 tpls, 3 figs., 39 pls. Systematic study of ostracoda collected from lacustrine, mixed and marine environments: study of biocenoses and thanatocenoses of various ostracode groups, paleoecological interpretation of some Eocene to Pliocene material from the Aquitain Basin on basis of the results obtained from the study of the Recent material.

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Dear Colleague,

Breaking New Ground in Communication?

Communication in the earth sciences as in all other sciences, is threatened by the savage and accelerating increase in volume of printed matter. It is particularly severe in palaeontology. We must do something about it. We are starting an experiment in Leicester which may interest you.

Most of us agree that it is important in our work to distinguish fact from theory. Too often in our literature the two get confused. The Leicester experiment aims, in a select field of micropalaeontology, to reduce and organise the presentation of facts. Ideas will be rigorously excluded. ~~It is~~ It is hoped they will grow in the mind of the reader. Pictures are considered more efficient than words, and three-dimensional pictures (stereo-pairs) more efficient than views in one plane. Organisation of these data will be facilitated by adopting a format easily converted to card index methods (8 x 5 ins. or 200 x 125 mm.).

If our experiment works with ostracods, perhaps it can also be adapted to other fossils - perhaps even to other branches of geology. Anyhow, please have a look at the enclosed leaflet, and see what you think.

Yours sincerely,

P.C. Sylvester Bradley

P.C. Sylvester-Bradley.

P.S. The stereo-pairs are best viewed through a pocket stereoscope. These are readily available at a cost of about \$2 in the U.S., rather more in Britain and elsewhere.

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A Stereo-Atlas of Ostracod Shells

edited by P. C. Sylvester-Bradley

"Significant new vistas are opened up in micropaleontology by the advent of the scanning electron microscope. . . The greatly increased potential for observation of detail of specimen surface topography will significantly affect our understanding of morphology, as well as phylogenetic, biostratigraphic and paleoecological interpretations based on morphological data."

Micropaleontology, Vol. 13, p. 407 (October 1967)

"It is not possible to exaggerate the significance of this new instrument. Its advent will have the same impact on micropaleontology as did the invention of the compound optical microscope. . . The illustrations can be produced in stereo-pairs which reveal much more than can optical examination of the fossil itself."

Micropaleontology, Vol. 13, p. 521 (October 1967)

~~Scanning electron microscopes are expensive, and are never likely to be generally available, but they produce a great many very beautiful pictures in a very short time. New methods of publication are needed if an adequate sample of this new data is to be made available to all those who need it. The micrographs are so perfect that it is now more effective to view them stereoscopically than to examine the specimens themselves. The proposed *Stereo-Atlas of Ostracod Shells* breaks new ground in palaeontological publication, with a proportion of illustration to text higher than ever before contemplated; the text will be limited to nomenclatural, dimensional and distributional details.~~

The format of the publication is intended to facilitate its use either as a work of reference in bound volumes, or, if preferred, as a set of standard loose-leaf cards (8 × 5 in. or 200 × 125 mm.). Each page will for this purpose be ruled to allow trimming to the correct size, two cards to a page, and will be printed on one side only of thin card. Specimen pages of text and plates are shown overleaf.

Initially it is proposed to issue *A Stereo-Atlas of Ostracod Shells* in quarterly parts. Publication will begin as soon as a sufficient number of subscriptions has been received. Subscription rates for the first two years will be £7 10s. (\$22.00 including postal and other charges) per annum. Subscription orders should be sent to the Secretary, Leicester University Press, The University, Leicester, England.

Leicester University Press

On *Bythoceratina scaberrima* (Brady) by Richard H. Benson

Bythoceratina scaberrima (Brady), 1886

Cytherura scaberrima Brady, *Les Fonds de la Mer*, 4, p. 198, pl. 14, figs. 10, 11 (1886)

Cythere scaberrima Brady; Brady and Norman, *Sci. Trans. Roy. Dublin Soc., ser. 2*, Vol. 4, p. 245, with figure unnumbered (1889)

Lectotype: Not yet designated.

Type localities: Recent, Atlantic Ocean, off west coast of Morocco; *Talisman* dredging, 7 August 1883 (3535 m. depth) and 22 August 1883 (2995 m. depth).

Figured specimens: U.S. Nat'l. Mus. Coll., left and right valves of adults. From station IIOE 407 (Internat'l. Indian Ocean Exped.), Cruise 8, R/V *Anton Bruun*, Mozambique Channel, 13 October 1964, 2100 m. depth, lat. 17° 41' S-long. 42° 31' E, temp. 2.51°C, salinity 34.780, $\sigma_t=3.80$. Collected by R. H. Benson.

Diagnosis: Spinose and reticulate surface with two ventro-lateral spines on each valve.

Explanation of Plate oA

Right valve; fig. 1 stereo pair of external lateral view, $\times 85$; fig. 2, stereo pair of posterior view, $\times 85$; fig. 3, median sulcus, $\times 157$; fig. 4, misshapen spines in median sulcus, $\times 930$.

(oA)

On *Chrysocythere cataphracta* Ruggieri by P. C. Sylvester-Bradley and G. Ruggieri

Genus *CHRYSOCYTHERE* Ruggieri, 1962

Type species (original designation): *C. cataphracta* Ruggieri, 1962

Chrysocythere cataphracta Ruggieri, 1962

Chrysocythere cataphracta Ruggieri, *Palaeont. Italica*, Vol. 56, Mem. 2, pp. 26-28, pl. 2, figs. 11-13 (1962)

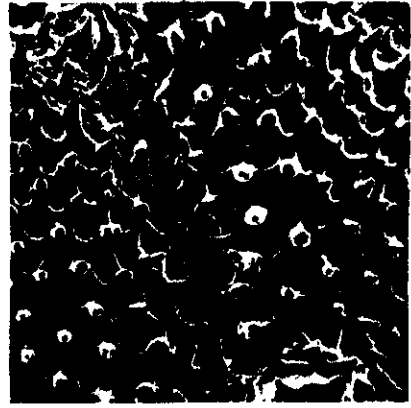
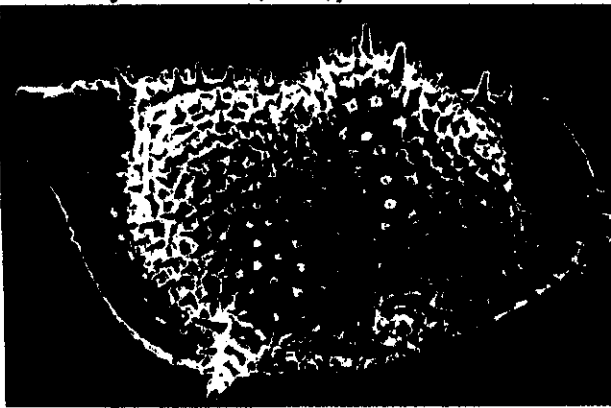
Chrysocythere cataphracta Ruggieri; van den Bold, *Rev. Inst. Français Pétrole*, Vol. 21, pp. 161-162, pl. 1, figs. 6a-c, pl. 5, fig. 1 (1966)

Figured specimens: Left and right valves from Middle Miocene (Tortonian) of Benastare, Calabria, Italy; collected by G. Ruggieri; Leic. Univ. Nos. 4129, 4231.

Explanation of Plate oB

Stereo pairs of left valve (4129) in external lateral view; fig. 1, $\times 90$; fig. 2, eye tubercle, $\times 210$.

(oB)



<100μ>

fig 1

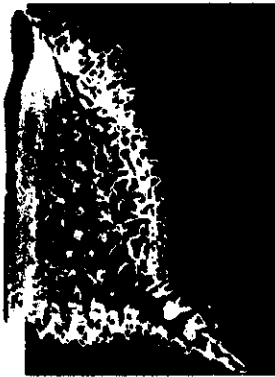
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fig 2

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fig 3

fig 4 <10μ>

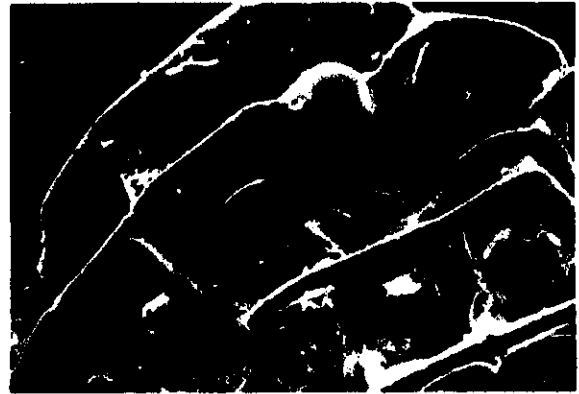


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fig 1

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fig 2



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