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

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 podocopid 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.
<table>
<thead>
<tr>
<th>Species name</th>
<th>Locality</th>
<th>Number of Specimens</th>
<th>Date Collected</th>
<th>USNM No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cythereis (Cythereis) caligula</td>
<td>Off mouth of Cumberland Bay–South Georgia Sta. 34.</td>
<td>7 slides - 2♂, 2♀</td>
<td>5 Jun 1902</td>
<td>127431</td>
</tr>
<tr>
<td>Cythereis (Cythereis) aurita</td>
<td>California; Pacific Grove.</td>
<td>13 slides - 4♀, 1♂</td>
<td>23 Nov. 1920</td>
<td>127411</td>
</tr>
<tr>
<td>Cythereis (Cythereis) discophora</td>
<td>Falkland Islands; Port Louis, Carenage Creek. 51°32'S, 58°7'W Sta 46.</td>
<td>6 slides - 2♂, 1♀</td>
<td>9 Aug. 1902</td>
<td>127412</td>
</tr>
<tr>
<td>Cythereis (Cythereis) ephippiata</td>
<td>Falkland Islands; Port Louis, Carenage Creek. 51°32'S, 58°7'W Sta 46.</td>
<td>8 slides - 3 juv., 1♀</td>
<td>9 Aug 1902</td>
<td>127413</td>
</tr>
<tr>
<td>Cythereis (Cythereis) frequens</td>
<td>South Georgia; off Grytviken 54°22'S, 36°27'W Sta 25.</td>
<td>23 slides - 6 juv., 3♂, 6♀</td>
<td>21 May 1902</td>
<td>127414</td>
</tr>
<tr>
<td>Cythereis (Cythereis) glauca</td>
<td>California; Carmel Bay</td>
<td>15 slides - 2♂, 3♀</td>
<td>23 Nov 1920</td>
<td>127415, 127416</td>
</tr>
<tr>
<td>Cythereis (Procythereis) igandersoni</td>
<td>Tierra del Fuego; Cape Valentyn.</td>
<td>2 slides - 1♀</td>
<td>12 Mar 1896</td>
<td>127417</td>
</tr>
<tr>
<td>Cythereis (Cythereis) longiductus</td>
<td>South Georgia; off Grytviken 54°22'S, 36°18'W Sta 28</td>
<td>5 slides - 1♂, 1♀</td>
<td>21 May 1902</td>
<td>127418</td>
</tr>
<tr>
<td>Cythereis (Cythereis) megalodiscus</td>
<td>South Georgia; off Grytviken 54°22'S, 36°28'W Sta 28 12-15 m.</td>
<td>8 slides - 1♂, 1♀</td>
<td>24 May 1902</td>
<td>127419</td>
</tr>
<tr>
<td>Species Name</td>
<td>Locality</td>
<td>Number of Specimens</td>
<td>Date Collected</td>
<td>USNM No.</td>
</tr>
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</tr>
<tr>
<td><em>Cythereis</em> (Cythereis) megalodiscus</td>
<td>South Georgia; off Grytviken 54°22'S, 36°27'W Sta. 25.</td>
<td>8 slides - 2♂, 2♀</td>
<td>21 May 1902</td>
<td>127432</td>
</tr>
<tr>
<td>&quot; &quot; &quot; &quot;</td>
<td>South Georgia; off Grytviken 1 - 2 m.</td>
<td>1 slide - 1♂</td>
<td>24 May 1902</td>
<td>127441</td>
</tr>
<tr>
<td><em>Cythereis</em> (Cythereis) mesodiscus</td>
<td>Tierra del Fuego Chubut; Puerto Madryn.</td>
<td>2 slides - 1♂</td>
<td>8 Nov 1895</td>
<td>127420</td>
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<tr>
<td>&quot; &quot; &quot; &quot;</td>
<td>Isla Nueva</td>
<td>4 slides - 1♂</td>
<td>7 Feb 1896</td>
<td>127433</td>
</tr>
<tr>
<td><em>Cythereis</em> (Cythereis) montereyensis</td>
<td>California; Carmel Bay</td>
<td>26 slides - 5♂, 5♀, 1 sp.</td>
<td>23 Nov 1920</td>
<td>127421</td>
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<tr>
<td>&quot; &quot; &quot; &quot;</td>
<td>California; Pacific Grove; just outside Hopkins Mar.Sta.</td>
<td>2 slides - 1♀</td>
<td>23 Nov 1920</td>
<td>127434</td>
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<tr>
<td>&quot; &quot; &quot; &quot;</td>
<td>&quot; &quot; &quot; &quot;</td>
<td>2 slides - 1♀</td>
<td>28 Jan 1921</td>
<td>127435</td>
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<tr>
<td>&quot; &quot; &quot; &quot;</td>
<td>&quot; &quot; &quot; &quot;</td>
<td>1 slide - 1♂</td>
<td>17 Nov 1920</td>
<td>127436</td>
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<tr>
<td><em>Cythereis</em> (Cythereis) pacifica</td>
<td>California; Pacific Grove.</td>
<td>4 slides - 1♂</td>
<td>23 Nov 1920</td>
<td>127422</td>
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<tr>
<td>&quot; &quot; &quot; &quot;</td>
<td>California; Carmel Bay</td>
<td>7 slides - 2♀</td>
<td>23 Nov 1920</td>
<td>127437</td>
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<tr>
<td><em>Cythereis</em> (Procythereis) polita</td>
<td>Tierra del Fuego Isthmus Bay</td>
<td>7 slides - 2♀</td>
<td>29 Mar 1896</td>
<td>127438</td>
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<tr>
<td><em>Cythereis</em> (Procythereis) radiata</td>
<td>Tierra del Fuego Borja Bay.</td>
<td>3 slides - 2♀</td>
<td>7 Apr 1896</td>
<td>127424</td>
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<tr>
<td>Species Name</td>
<td>Locality</td>
<td>Number of Specimens</td>
<td>Date Collected</td>
<td>USNM No.</td>
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</tr>
<tr>
<td><strong>Cythereis (Procythereis) robusta</strong></td>
<td>South Georgia; off Grytviken 54°22'S, 36°28'W Sta 28.</td>
<td>1 slide - 1 juv.</td>
<td>24 May 1902</td>
<td>127425</td>
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<tr>
<td>Cythereis (Pseudocythereis) spinifera</td>
<td>South Georgia; off May Bay 54°17'S, 38°28'W Sta. 22.</td>
<td>1 slide - 10♂</td>
<td>20 May 1902</td>
<td>127426</td>
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<tr>
<td>Cythereis (Cythereis) taeniata</td>
<td>Falkland Islands; Port Louis, Carenage Creek 51°32'S, 58°7'W</td>
<td>4 slides - 2♂</td>
<td>14 May 1902</td>
<td>127439</td>
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<tr>
<td>Cythereis (Cythereis) theeli</td>
<td>Tierra del Fuego; Chubut</td>
<td>8 slides - 2♂, 3♀</td>
<td>9 Aug 1902</td>
<td>127427</td>
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<tr>
<td>Cythereis (Procythereis) tortuata</td>
<td>Tierra del Fuego; Puerto Condor.</td>
<td>2 slides - 10♂</td>
<td>8 Nov 1895</td>
<td>127429</td>
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<tr>
<td></td>
<td>Tierra del Fuego; Cape Valentyn</td>
<td>5 slides - 1♂, 1♀</td>
<td>- - 1896</td>
<td>127428</td>
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<td></td>
<td></td>
<td>4 slides - 1♂, 2♀</td>
<td>12 Mar 1896</td>
<td>127440</td>
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<tr>
<td>Cytheroma similis</td>
<td>California; Monterey Bay; Pacific Grove</td>
<td>17 slides - 4♂, 2♀</td>
<td>15 Dec 1920</td>
<td>127430</td>
</tr>
</tbody>
</table>
References Cited

Skogsberg, T.


* * *

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, (Sovetsky) 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, Achtubinsk, Krasnojarsk, Novosibirsk, Tjumen, 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 Cenozoic 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, I.S. - Systematics and distribution of the Cavellinids.
Rozhdestvenskaya, A.A. - Systematics and distribution of the Aparchitidae.
Mishina, J.M. - Systematics of Darvinulidae
Kocatkova, N.M. - Systematics of Paraparvichitidae
Andreev, Y.N. - Systematics of Cytherellidae

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

Averianov, V.A. - Methods of preparation of ostracode carapace from the matrix.
Zhenkova, 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.
Skробло, 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.
Kavalenko, 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: Quaternary continental ostracoda - Negadaev-Nikonov, K.N., Pliocene ostracoda - Imnadze, Z.A.

Because of the great concentration of ostracoda 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)

* * *

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Devonian

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Washington, D.C. 20242

Taxon., stratigr., geogr. distribution.

Meso.-Recent

LIST OF PUBLICATIONS ON OSTRACODA FOR 1967 PART V

CARAI0N, F.E. Fam. Cytheridae (Ostracode Marine si Salmastricole)
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
Amplocypris lunatus and A. ovatus n. spp.
APOSTOLESCUL, V. Reconstitution des conditions de sedimentation et des milieux de depot par des donnees sedimentologiques et paleoconomiques conjugees - Example de l'Eocene Oligocene de Forcalquier, Manosque (Basses Alpes) RV.I.F.P. vol.XIII, No.6, pp.774-792, 8 figs., 1 tbl.

Lower Purbeckian and Portlandian, Stenstroemia n.gen. (type spec. S.vitabeckensis n.sp.), Rhinocypris rasilis n.sp.

DEVOTO, G. Bullocypris robusta, nuovo genere e nuovo specie di Ostracoda del Messiniano ipolaico dell'Italia centrale Geol.Rom., vol 7, pp.399-404, 11 figs.

22 spp.described, 8 new, 8 with open nomenclature. 20 genera, 1 (Diphycyphila) new, 2 probably new.


6 new spp.: Candona (Pontoniella) paracuminata nom.nov. (for Paracypris acuminata Zalanyi Candona (Lineocypris) vagensia, Candona (Typhlocypris?) selene, Candona (Thaminocypris) negotini, Candona (Candoniella) rectoides, Candona (Raticulocypris) orientalis

6 spp. described from middle Miocene freshwater sediments


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.

ZHIZHCHENKO, 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 reg. charts, 2 pls.

BASSIOUNI, M. A. Einige Costa-und Carinocythereis (Reticulina) - Arten aus dem Palbozän 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 spp. described. The "species and subspecies are phlyogenetically related to younger species from the Egyptian Eocene and are stratigraphically good markers".


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


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 tbls, 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.

New spp.: Oligocythereis? lacumosa, O. bouvadensis, O. quadricostata Eocytheridae punctata

DIEBEL, K., PIETRZENIUK, E. Ostracoden aus dem Mittelpleistozän von Süßenborn bei Weimar.
25 spp. listed, 3 new spp.: Amplocypris? sp., Candona tricicatricosa, Eucypris dulcifōns and Sclerocypris? clavata prisca spp. n. are described.

A new genus: Rostrocytheridea (type spec. R. chapmani n. sp.) a new subgenus: Amphicytherura (Sondagella) (type spec. A. (R.) theloides) and eight new species are described.

DINGLE, R. V. Upper Senonian Ostracods from the coast of Pondoland, South Africa.
Four new genera: Pondoinea (type spec. P. sulcata n. sp.), Paraphysocythere (type spec. P. thompsoni n. sp.), Haughtonileberis (type spec. H. haughtoni n. sp.), Gibberileberis (type spec. G. africanus n. sp.) and 13 new spp. are described.


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 atlatica, M. mananensis from the Pleistocene and Holocene


KORNICKER, L.S. Morphology, Ontogeny, and Intraspecific Variation of Spinacopia, a New Genus of Myodocopid Ostracod (Sarsellidae) Smiths. Contr. to Zoology, no. 8, 50 pp., 26 figs., 7 tbls., 6 pls.
Type spec. S. sandersi n.sp.

KOZUR, H. DieGattung Spelunccella 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.

KRSTIĆ, 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)  
The following new classification is proposed:  
Subfamily Bairdiinae Sars 1888  
  Neonesiidea n.g.  
  Paranesiidea n.g.  
  Triebelina Bold,1946  
  Bairdoppilata Coryell,Sample and Jennings,1935  
  B.(Bairdoppilata) Coryell,Sample and Jennings  
  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  
48 spp. and 2 spp. are described. 12 new, 30 in open  
nomenclature. Two new subgenera of the genus Proponto-  
  cypris: Ekppontocypris and Schadopontocypris.  

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 tbls.,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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PLEASE ADDRESS ALL COMMUNICATIONS FOR THE OSTRACODOLOGIST TO:

EPHRAIM GERRY
P.O.B. 5283
JERUSALEM, ISRAEL

Printed by:
Rimon Print,
85 Dizengoff,
Tel Aviv.
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. Where it 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.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.
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, bio-stratigraphic and paleoecological interpretations based on morphological data."


"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."


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)

Lectotype: Not yet designated.

Type localities: Recent, Atlantic Ocean, off west coast of Morocco; Tali Man dredging, 7 August 1883 (3335 m. depth) and 22 August 1883 (2995 m. depth).


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, ×85; fig. 2, stereo pair of posterior view, ×85; fig. 3, median sulcus, ×157; fig. 4, misshapen spines in median sulcus, ×930.

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

Genus *CHRYSOCY THERE* Ruggieri, 1962

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

*Chrysocythere cataphracta* Ruggieri, 1962


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, ×90; fig. 2, eye tubercle, ×210.
PLEASE WRITE IN BLOCK LETTERS OR TYPE, IF POSSIBLE IN ENGLISH.

MAIL TO: EPRAIM GERRY, P.O.B. 5283, JERUSALEM, ISRAEL.

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THE FOLLOWING INFORMATION IS FOR A SURVEY ON THE FEASIBILITY OF ORGANIZING
WORKING GROUPS ON OSTRACODA

PLEASE MARK WITH A = active  P = passive  -- = not interested

STRATIGRAPHY  -  PALEOZOIC

  MEOZOIC

  CENOZOIC

  RECENT

ECOLOGY/PALEROECOLOGY

TAXONOMY

PHILOGENY

BIOMETRY

STRUCTURE & ULTRASTRUCTURE

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2. PLEASE SEND ME ON AVAILABILITY THE FOLLOWING NUMBERS: .....................

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