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\* . . . \* , . . . \*\*

\* 620014, . . . , 30  
*E-mail:igg.016@ursmu.ru*

\*\* 620083, . . . , 51  
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Kasaktida, Protolabechiida, Labechiida, Actinostromatida, Clathrodictida.

**THE EARLY PALEOZOIC OF THE STROMATOPORATA:  
 THE CENTERS OF ORIGIN AND CIRCULATION**

**O.V. Bogoyavlenskaya\*, Yu.A. Yelkin\*\***

*\*Urals State Mining University*

*\*\*Urals State University*

The authors consider the Early Paleozoic stromatoporata and the organisms close to them: group Kasaktida, orders Protolabechiida, Protolabechiida, Labechiida, Actinostromatida, Clathrodictyida. The methods of the historical biogeography mark the center of stromatoporata origin in southern part of Siberian platform paleobasin.

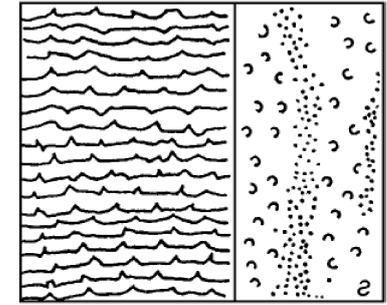
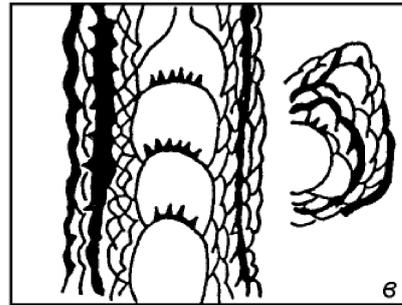
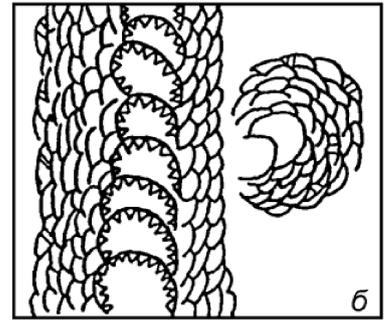
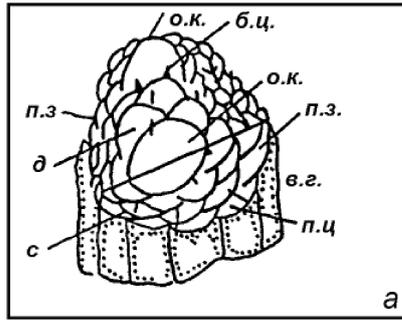
Key words: *stromatoporata, continental plate, paleobasin, dendroidic graph, center of origin and circulation*

[ , 1931; Darlington, 1957; , 1968].

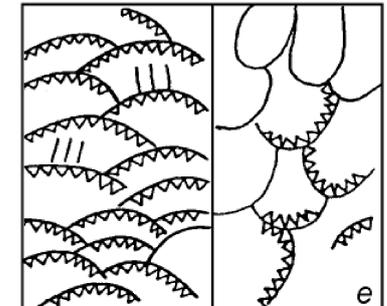
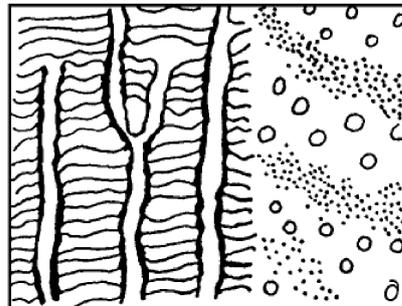


xan, Bolton, 1986].  
 ( Khasaktida Pro-  
 ) ( Khasakti-  
 tolabechiida [ , 2001], da  
 1, 2). Khasaktida ( ).  
 ( Protolabechiida Bogoyavlenskaya,  
 (Archaeohydroidea), 2001.  
 (Tuvinoidea?).  
 Protolabechiida  
 ( *abulata*, *Heliolitoidea*, *Te-*  
*tracoralla*), : Lophiostromatidae Nestor, 1964  
 [1980]. (p. *Lophiostroma* Nicholson, 1891); Pulchrilami-  
 ( [ , 2001]). naidae Webby, 1993 (p.p. *Pulchrilamina* Toomey  
 [ , 1990, . 81, . 4]. Lophiostromatidae Nestor, 1964.  
 . 1, 2. , *Lophiostroma* Nicholson, 1891.  
 insertae sedis – Khasaktida, *Lophiostroma*,  
 Khasaktidae Sayut. (pp. *Vittia* Sayut., *Khasaktia* , *Lophiostroma*,  
 Sayut., *Drozdovia* Sayut.(?), *Edelsteinia* Vol.(?), *Dermatostroma* Parks, 1910,  
*Rackovskia* (?). *Lophiostroma*.  
 Archaeohydroidea. Ar- [Dixan et al.,  
 . 1, 2. 1986] , *Dermatostroma*  
Khasaktida Bogoyavlenskaya, 2001 *Dermatostroma* *Ellisites* Dixan, 1986  
insertae sedis. ( *Heliolitoidea*). ( )  
 ( ?) , ); ( , ).  
 ( ), Pulchrilaminidae Webby, 1993.  
 Khasaktidae Sa- Khasaktidae Pulchrilami-  
 yutina, 1980 (p.p. *Khasaktia* Sayutina, 1980; *Vittia* nidae *Pul-*  
 Sayutina, 1980). *chirilamina*,  
 - *chirilamina*,

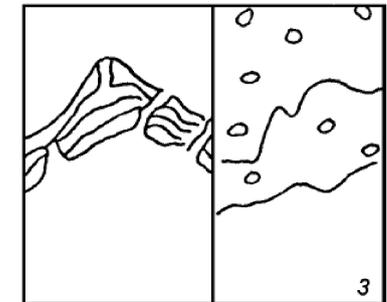
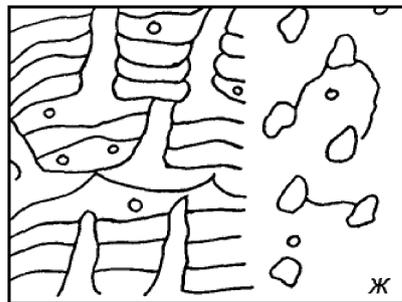
1. *Alleynodictyon nicholsoni* Webby, ×2,5.  
 (vertical ridge-); (axial column-); (lateral zone-); (axial cysts-); (denticles-); (blade-like pillars-); - *Aulacera plummeri* Galloway et St.Jean.



*Cryptophragmus hannaе* Bogoyavl.  
 (mud-).



*Clathrodiction plicatum* Webby et Banks.  
 - *Cleifdene-lla etheridgei* Webby.



- *Cystostroma vermontense* Gall. et St.Jean.

- *Cystistroma donneli* Etheridge.

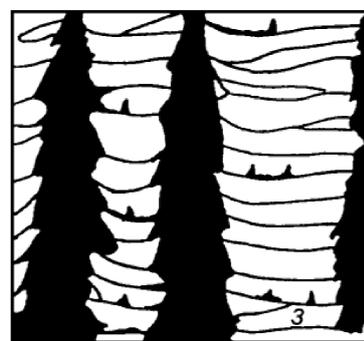
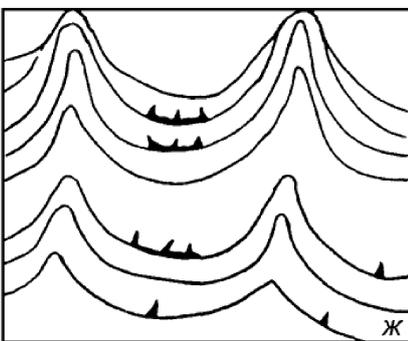
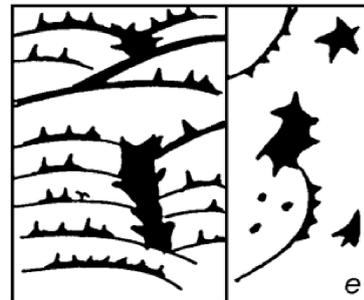
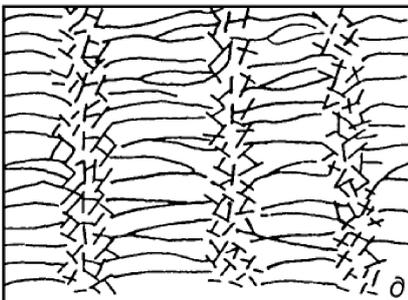
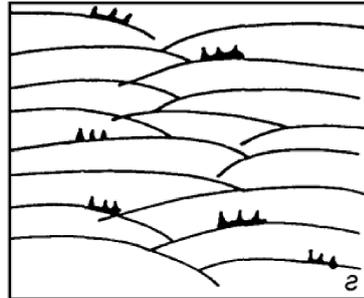
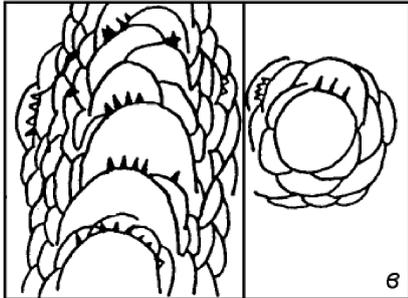
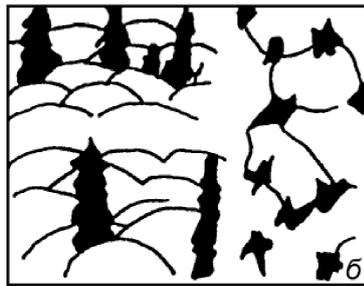
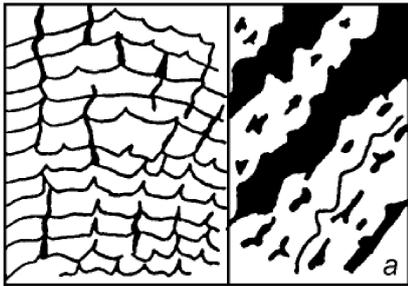
- *Dermatostroma scabrum* (James).

*Zondarella* Keller et Flugel, 1996.

*Pseudostylodiction* Ozaki, 1938, *Stratodiction* Webby, 1969, *Parksodiction* Bogoyavenskaya et Lobanov, 1990.

Stratodictyidae Bogoyavlenskaya, 1977.

Protolabechiida



. 2. -  
 ×10: - *Eclimadictyon amzassensis* V. Khal-  
 fina.

( ) -  
 ( ); - *Labechia*  
*huronensis* (Billings).

( ) ,  
 ( ) -  
 ( ?); - *Ludictyon vesiculatum*  
 Ozaki.  
 ( ) ,

; - *Parksidi-*  
*ctyom kayi* (Galloway et St. Jean).

(?); - *Plumatalinia ferax*  
 Nestor.

; - *Pachystylostroma fragosum*  
 Nestor.

( )  
 ( ) .

; - *Pseudo-*  
*stylodictyon poschanensis* Ozaki.

; - *Radiostroma tenue*  
 Webby.

Labechiida,

( Clathrodictyida),  
 ( Actinostromatida).

Labechiida Kuhn, 1927.

Cystostromatidae Khromych,  
1974 emend. Bogoyavlenskaya et Lobanov, 1990.



(?). [Humbolt, 1807; , 1925; Yelkin, 2004, 2005a, ]. « »

Clathrodictyidae Kuhn, 1939. ( )

(?). ( ) « »

. p.p. *Clathrodictyon* Nicholson et Murie, 1878; *Ecclimadictyon* Nestor, 1964; *Clathrodictyella* Bogoyavlenskaya, 1971.

[ , 1997; , 2001].

[ , 1982]. [ ., 1997].

( .3 ), [ ., 1997].

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( .3), [ , 1968].

[ , 1991].

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(Muroidea) //

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