

UNITED STATES DEPARTMENT OF THE INTERIOR

U.S. GEOLOGICAL SURVEY

Annotated bibliography of graptolite references

from Oklahoma, Arkansas, and adjacent areas,

with a list of cited species

by

Claire Carter¹

Open File Report 93-199

This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards (or with the North American Stratigraphic Code). Any use of trade, product or firm names is for descriptive purposes only and does not imply endorsement by the U.S. Government.

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GRAPTOLITES FROM ARKANSAS AND OKLAHOMA IN COLLECTIONS OF THE
U.S. GEOLOGICAL SURVEY: LISTED IN RUEDEMANN, 1947

Page numbers in parentheses refer to Ruedemann, 1947. Repository of

collections, unless otherwise stated, is the National Museum of
Natural History, Smithsonian Institution.

ORDOVICIAN

<u>USGS LOC.</u>	<u>Collected by</u>	
185G	T.A. Taff	Tuskahoma quad., Oklahoma; base of chert (p. 93)
185S	Richardson & Girty, 1899	Big Fork Chert, 2 mi. SW of Stringtown, Okla.; Boggy Creek section (p. 93)
210S	?	Caddo Gap quad., Ark., Polk Creek Shale (p. 92)
219T	?	Caddo Gap quad., Polk Creek Shale (p. 92)
210V	?	32 mi. NW of Hot Springs, Ark., 50 feet above base of Polk Creek Shale (p. 92)
211E	Miser & Ulrich?	Ouachita Shale; SW 1/4, sec. 30, T.3 S., R.26 W. (p.89)
211F.F	Ulrich, 1908	Caddo Gap quad., bed near top of Big Fork Chert (p. 93)
211J	Prosser	Texas Tunnel Mine, 1/2 mi. W of Crystal Springs, Ark.; NW of SW 1/2 sec. 34, T.2 S, R.22 W (p. 96)
211L	Griswold & Smith	Ouachita Mountains and on Big Fork Creek (p. 93)
211N	Purdue, 1907	Caddo Gap quad., Buttermilk Springs, Ark.; Caddo Shale, near top (p. 95)
211T	J.P. Smith	Macks Creek, about 9 mi. SE of Dallas, Ark. (p. 91)
211U	Ulrich	Crystal Springs, Ark.; beneath the Big Fork Chert (p. 89)
212B	Ulrich	Graceland Mines, 5 mi. SW of Smithville, Ark.; Yellville Limestone (p. 88)

212B	Ulrich	same as 212B
240a	Ulrich & party, 1904	Tuscahoma quad., lower shale of "Talihina Chert" (p. 93)
240b	?	upper shale of the "Talihina chert" (p. 92)
272f	Purdue, 1910	Caddo Gap quad., Ark., on road Black Springs to Oden; lower Big Fork Chert (?) (p. 94)
272h	Ulrich	Caddo Gap quad., Ark., upper Ouachita-Stringtown Shale (p. 89)
272h ₁	Miser	12-13 mi. NW of Hot Springs, Ark.; Caddo Gap Fm. (p. 89)
272K	Miser, 1910	DeQueen quad., in vicinity of Fountain; Polk Creek Shale (p. 91)
272P	Miser, 1911	Hot Springs quad., 1/2 mi. E of Bonanza Springs (p. 91)
320Z	Miser, Purdue, & Keith, 1913	Caddo Gap quad., Ark., NE from Caddo Gap on road between Plata and Ophir; upper Ouachita Shale (p. 89)
323i	Miser, 1913	Hot Springs quad., Ark., sec. 27, T.1 S, R.20 W; Blakeley Ss., 1 ft. above #323l (p. 95-96)
323il	Miser, 1913	same as #323i but 1 ft. below (p. 95)
323M ₁	?	near Crystal Springs post office, Ark.; "Ouachita Shale" (p. 89)
323M ₂	Miser	Crystal Springs, Montgomery Co., Ark. (p. 89)
323,N.9	Miser, 1913	32 mi. NW of Hot Springs, Ark. (p. 91)
359B	Miser, 1916	Caddo Gap quad., Ark., just below dam at Caddo Gap (p. 90)
449	Miser, 1916	Lukfata quad., Ark. (p. 91)
449Z	Ulrich	Crystal Springs, Montgomery Co., Ark. (p. 89)

N.Y. State Museum	V.W. Russom, 1936	Latimer Co., Okla., 800'W & 100' N of SE corner SW 1/4 of T.19-3N, R.21 E (sec. 19, T.3 N?); Polk Creek Shale (p. 92)
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SILURIAN 323g	Miser, 1913	Caddo Gap quad., Ark., Little Missouri River at S base of Blaylock Mtn.; Blaylock Ss. (p. 97)
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LIST OF GRAPTOLITE SPECIES CITED IN REPORTS ON ORDOVICIAN ROCKS OF THE OKLAHOMA-ARKANSAS AREA

Graptolites are listed by species name first, then genus and original author. Junior synonyms are followed by the senior synonym in parentheses. Letters and numbers after the bibliographic citations refer to the USGS collection (if any) in which the species is found (see p. 10).

alabamensis, *Dicellograptus* Ruedemann (originally a variety of *D. moffatensis*): Finney, 1986

americanus, *Corynoides*, Ruedemann: Bergström and Mitchell, 1986; Finney, 1986; Ethington and others, 1989

amii, *Tetragraptus*, Lapworth: Ulrich, 1911; Miser and Purdue, 1929; Ruedemann, 1947

amplexicaulis, *Orthograptus*, (Hall): Ruedemann and Decker, 1934; Decker, 1933; Ruedemann, 1947; Finney, 1986; 211J

amplexicaulis abbreviatus, *Orthograptus*, Elles & Wood: Miser and Purdue, 1929

amplexicaulis socialis, *Orthograptus*, (Lapworth): Berry and Marshall, 1971

amplus, *Didymograptus*, Elles and Wood: Ulrich, 1911

anceps, *Dicellograptus*, Nicholson: Decker, 1935b, 1936a; Ruedemann, 1947; Ethington and others, 1989

angustifolius, *Glyptograptus*, (Hall) (= *G. teretiusculus*): Gurley, 1896b; Decker, 1936a; Miser and Purdue, 1929; 323M₂-449Z, 211U, 185S, 240a

angustifolius magnificus, *Phyllograptus*, Ruedemann: Ulrich, 1911; Ruedemann, 1947; 323il, 323i

anna, *Phyllograptus*, Hall: Griswold, 1892; Gurley, 1896b; Miser and Purdue 1929; Ruedemann, 1947; 323i

anna pygmaeus, *Phyllograptus*, Ruedemann: 323il

anna ultimus, *Phyllograptus*, Ruedemann: Miser and Purdue, 1929 (?); Ruedemann, 1947; 323il

annectans, *Leptograptus*, (Walcott): Gurley, 1896b(?); Ruedemann and Decker, 1934; Decker, 1933; Ruedemann, 1947

antennarius, *Cryptograptus*, (Hall): Griswold, 1892; Gurley, 1896b; Ulrich, 1911; Miser and Purdue, 1929; Ruedemann, 1947; 323il, 323i

antennarius magnus, *Cryptograptus*, Ruedemann: Ruedemann, 1947; 323i

antiquus, *Callograptus*, Ruedemann: Decker, 1936a, 1936b; Ruedemann, 1947

antiquus, *Climacograptus*, Lapworth: Griswold, 1892; Gurley, 1896b; Miser and Purdue, 1929; Decker, 1936a; Ruedemann, 1947; Pitt and others, 1982; 211N

antiquus oligotheca, *Climacograptus*, Gurley (= *C. caudatus* Lapworth): Decker, 1933

approximatus, *Tetragraptus*, (Nicholson): Ulrich, 1911; Miser and Purdue, 1929; Ruedemann, 1947

arkansasensis, *Dicranograptus*, Gurley: Griswold, 1892; Gurley, 1892b, 1896a, 1896b; Decker, 1936a, 1936b; Miser and Purdue, 1929; Ruedemann, 1947; Pitt and others, 1982; 323M₂-449Z, 359B, 211L, 211J

artus, *Didymograptus*, Elles & Wood: Decker, 1935c, 1936b, 1944; Ruedemann, 1947; Berry, 1970; Bergström and Cooper, 1973

barrandei, *Thamnograptus*, Hall: Griswold, 1892; Gurley, 1896b

bicornis, *Climacograptus*, (Hall): Griswold, 1892; Gurley, 1896b; Decker, 1936a, 1936b; Miser and Purdue, 1929; Ruedemann, 1947; Pitt and others, 1982; Finney, 1986; Ethington and others, 1989; 23M₂-449Z, 211U, 211N

bicornis peltifer, *Climacograptus*, Lapworth: Decker, 1936; Miser and Purdue, 1929; Ruedemann, 1947; 211U

bicornis tridentatus, *Climacograptus*, Lapworth: Decker, 1936a; Ruedemann, 1947; 240a

bifidus, *Didymograptus*, (Hall): Ulrich, 1911; Decker, 1935c, 1936b, 1944; Ruedemann, 1947; Berry, 1970; Bergström and Cooper, 1973

bifidus latus, *Didymograptus*, Ruedemann: Ruedemann, 1947; Berry, 1970

bigcanyonensis, *Didymograptus*, Decker: Decker, 1944

bimucronatus, *Lasiograptus*, (Nicholson): Decker, 1936a; Miser and Purdue, 1929; Ruedemann, 1947; 323M₂-449Z, 211U, 211N

brevis, *Climacograptus*, Elles and Wood: Finney, 1986

caduceus, *Isograptus*, (Salter): Griswold, 1892 (*Didymograptus*); Gurley, 1896b (?); Ulrich, 1911; Miser and Purdue, 1929

caduceus nanus, *Isograptus*, (Ruedemann): Ulrich, 1911; Miser and Purdue, 1929; Ruedemann, 1947; Ethington and others, 1989; 323il

calcaratus acutus, *Orthograptus*, Elles and Wood: Miser and Purdue, 1929; Finney, 1986; 320Z, 323M₂-449Z, 211U

calcaratus basilicus, *Orthograptus*, Elles & Wood: Decker, 1936a; Miser and Purdue, 1929; Ruedemann, 1947; Finney, 1986

calcaratus crassitestus, *Orthograptus*, (Ruedemann): Pitt and others, 1982

calcaratus incisus, *Orthograptus*, Lapworth: Miser and Purdue, 1929; Ruedemann, 1947; 323M₂-449Z, 211U, 185S

calcaratus trifidus, *Orthograptus*, (Gurley) (= *Climacograptus trifidus*): Gurley, 1892b, 1896b; Griswold, 1892; Miser and Purdue, 1929; Decker, 1935b, 1936a; Ruedemann, 1947; 272h, 211T, 240b

calcaratus vulgatus, *Orthograptus*, Elles and Wood: Miser and Purdue, 1929

calicularis, *Corynoides*, Nicholson: Finney, 1986

capillaris, *Leptograptus*, Carruthers: Ruedemann and Decker, 1934; Decker, 1933; Ruedemann, 1947

capillaris, *Thamnograptus*, (Emmons): Miser and Purdue, 1929; Decker, 1936a; 320Z, 211U

caudatus, *Climacograptus*, Lapworth: Miser and Purdue, 1929; Ruedemann and Decker, 1934; Ruedemann, 1947; Finney, 1986; 211T, 211J

chapmani, *Didymograptus*, Decker: Decker, 1944

ciliatus, *Glossograptus*, Emmons: Griswold, 1892; Gurley, 1896b; Miser and Purdue, 1929; Decker, 1933, 1936a, 1936b; Ruedemann and Decker, 1934; Ruedemann,

1947; Finney, 1986; 320Z, 323M₂-449Z

ciliatus antennatus, *Glossograptus*, Ruedemann: Ruedemann, 1947; 211U

circinalis, *Mastigograptus*, Ruedemann: Decker, 1933; Ruedemann and Decker, 1934;
Ruedemann, 1947

clarkei, *Tetragraptus*, Ruedemann: Ulrich, 1911; Miser and Purdue, 1929

clingani, *Dicranograptus*, Carruthers: Bergström and Mitchell, 1986; Finney, 1986

complanatus, *Dicellograptus*, Lapworth: Decker, 1935a, 1936a, 1936b; Hendricks and others,
1937; Ruedemann, 1947; Decker and Huffman, 1953; Pitt and others, 1982;
Ethington and others, 1989; 272P, 240b

complanatus arkansasensis, *Dicellograptus*, Ruedemann: Ruedemann, 1947; Pitt and others,
1982; 210S, 210T

complanatus ornatus, *Dicellograptus*, Elles & Wood: Miser and Purdue, 1929

contortus, *Dicranograptus*, Ruedemann: Finney, 1986

crassitestus, *Diplograptus*, Ruedemann (= *Orthograptus calcaratus crassitestus*): Decker,
1935b, 1936a; Ruedemann, 1947; 272K, 323,N.9, 240b

crassus, *Callograptus*, Ruedemann: Decker, 1936a; Ruedemann, 1947

curtus, *Corynoides*, Lapworth: Decker, 1933

deckeri, *Reteograptus*, Ruedemann: Ruedemann, 1947; 210S, 210T

dentatus, *Glyptograptus*, (Brongniart): Griswold, 1892 (*Diplograptus*); Gurley, 1896b;
Ruedemann, 1947; 323i

divaricatus, *Dicellograptus*, (Hall): Griswold, 1892; Gurley, 1896b; Miser and Purdue, 1929;
Decker, 1936a; Ruedemann, 1947; Pitt and others, 1982; Finney, 1986;
323M₁

divaricatus bicurvatus, *Dicellograptus*, Ruedemann: Ruedemann, 1947; 211U

divaricatus rigidus, *Dicellograptus*, Lapworth: Griswold, 1892; Gurley, 1892b, 1896b; Miser
and Purdue, 1929; Ruedemann, 1947; 211U

divaricatus robustus, *Dicellograptus*, Ruedemann: Ruedemann, 1947; 211E

divaricatus salopiensis, *Dicellograptus*, Elles & Wood: Decker, 1936a; Ruedemann, 1947; 211U

echinatus, *Glossograptus*, Ruedemann: Miser and Purdue, 1929

edwardsi, *Dendrograptus*, Ruedemann: Decker, 1936a, 1936b

edwardsi major, *Dendrograptus*, Ruedemann: Decker, 1936a, 1936b; Ruedemann, 1947

elegans, *Dicellograptus*, (Carruthers): Griswold, 1892; Gurley, 1896b (?); Miser and Purdue, 1929; Finney, 1986

ensiformis, *Pseudotrigonograptus*, (Hall): Griswold, 1892 (*Trigonograptus*); Gurley, 1896b; Ruedemann, 1947

eucharis, *Lasiograptus*(?), (Hall): Decker, 1933; Ruedemann and Decker, 1934; Ruedemann, 1947

euglyphus, *Glyptograptus*, Lapworth: Miser and Purdue, 1929; Decker, 1936a, 1936b; Ruedemann, 1947; Finney, 1986; 320Z, 323M₂-449Z, 211U, 211F.F, 272f

euglyphus major, *Glyptograptus*, Ruedemann: Ruedemann, 1947; 211U

euglyphus pygmaeus, *Glyptograptus*, Ruedemann: Decker, 1936a; Ruedemann, 1947

euodis, *Didymograptus*, Lapworth: Ulrich, 1911; Miser and Purdue, 1929; Ruedemann, 1947; 323il

eximius, *Climacograptus*, Ruedemann (=C. *brevis strictus* and *Pseudoclimacograptus modestus*): Decker, 1933, 1936a, 1936b; Ruedemann and Decker, 1934; Ruedemann, 1947; 320Z, 323M₂-449Z, 211U

extensus, *Didymograptus*, (Hall): Ulrich, 1911; Pitt and others, 1961; Miser and Purdue, 1929

filiformis, *Didymograptus*, Tullberg: Ulrich, 1911; Miser and Purdue, 1929

flaccidus, *Leptograptus*, (Hall): Decker, 1933; Miser and Purdue, 1929; Ruedemann, 1947; Finney, 1986

flaccidus macer, *Leptograptus*, Elles & Wood: Decker, 1933; Ruedemann and Decker, 1934; Ruedemann, 1947

flaccidus spinifer, *Leptograptus*, Elles & Wood: Miser and Purdue, 1929

flaccidus trentonensis, *Leptograptus*, Ruedemann: Decker, 1933; Ruedemann and Decker,

- 1934; Miser and Purdue, 1929; Ruedemann, 1947; Finney, 1986
- flexuosus*, *Dicellograptus*, Lapworth: Bergström and Mitchell, 1986; Finney, 1986
- foliaceus*, *Diplograptus*, (Murchison) (see Ruedemann, 1947, p. 416): Griswold, 1892; Gurley, 1896b
- forchammeri*, *Dicellograptus*, (Geinitz): Miser and Purdue, 1929; Decker, 1933; Ruedemann and Decker, 1934; Ruedemann, 1947; 449
- forchammeri flexuosus*, *Dicellograptus*, Lapworth: Miser and Purdue, 1929; Decker, 1933; Ruedemann and Decker, 1934; Ruedemann, 1947; 211T, 323,N.9, 210S, 210T
- forcipiformis latus*, *Isograptus*, Ruedemann: Ruedemann, 1947; 323il
- fruticosus*, *Tetragraptus*, Hall: Ulrich, 1911; Miser and Purdue, 1929
- furcatus*, *Dicranograptus*, (Hall): Gurley, 1892a (*Dicellograptus*); Pitt and others, 1982
- geinitzianus*, *Reteograptus*, Hall: Miser and Purdue, 1929; Ruedemann, 1947; Finney, 1986; 211E, 211U, 211F.F
- gracilis*, *Corynoides*, Hopkinson (=C. *calicularis*): Ruedemann, 1947; 320Z
- gracilis*, *Didymograptus*, Törnquist: Ruedemann, 1947; 323il
- gracilis perungulatus*, *Corynoides* Ruedemann (=C.*calicularis*): Decker, 1936a; Ruedemann, 1947
- gracilis*, *Nemagraptus*, (Hall): Gurley, 1892a (*Coenograptus*), 1896b (*Stephanograptus*); Griswold, 1892; Miser and Purdue, 1929; Decker, 1936a; Hendricks and others, 1937; Ruedemann, 1947; Pitt and others, 1982; Finney, 1986; 320Z, 323M₂-449Z, 211U
- gracilis surcularis*, *Nemagraptus*, (Hall) (=N. *gracilis*): Ruedemann, 1947; 320Z
- gurleyi*, *Dicellograptus*, Lapworth: Miser and Purdue, 1929; Decker, 1933, 1936a, 1936b; Ruedemann and Decker, 1934; Ruedemann, 1947; Finney, 1986; 320Z, 323M₂-449Z, 211U, 211L, 240a
- hallianus*, *Dendrograptus*, (Prout): Decker, 1936a
- hallianus spissus*, *Dendrograptus*, Ruedemann: Decker, 1936a; Ruedemann, 1947

hami, *Orthoretiolites*, Whittington: Whittington, 1954; Bergström and Mitchell, 1986; Finney, 1986

harknessi, *Lasiograptus*, (Nicholson): Mitchell, 1988

hesperus, *Pipigraptus*, Whittington: Whittington, 1955; Bates and Kirk, 1987, Bergström and Mitchell, 1986; Mitchell, 1988

horridus, *Glossograptus*, Ruedemann: Miser and Purdue, 1929; 323i

hystrix, *Glossograptus*, Ruedemann: Ulrich, 1911; Miser and Purdue, 1929; Ruedemann, 1947; 323il, 323i

ilicifolius, *Phyllograptus*, Hall: Ulrich, 1911; Ruedemann, 1947

incisus, *Diplograptus*, Lapworth (= *O. calcaratus incisus*): Decker, 1936a; Ruedemann, 1947

incurvus, *Azygograptus*, Ekström: Ethington and others, 1989

insectiformis, *Cryptograptus*, Ruedemann: Miser and Purdue, 1929; Decker, 1933, 1936a, 1936b; Ruedemann and Decker, 1934; Ruedemann, 1947; Bergström and Mitchell, 1986; Finney, 1986; 211J

insectiformis, *Orthograptus*, Nicholson: Bates and others, 1988

intortus, *Dicellograptus*, Lapworth: Gurley, 1896b; Decker, 1936a; Ruedemann, 1947; 211U

inuiti, *Climacograptus*, Cox: Ruedemann, 1947

kindlei, *Dendrograptus*, Ruedemann: Decker, 1936a; Ruedemann, 1947

kindlei, *Tetragraptus*, Ruedemann: Ruedemann, 1947; 323il

kirki, *Dicranograptus*, Ruedemann: Bergström and Mitchell, 1986

logani pertenuis, *Loganograptus*, Ruedemann: Ruedemann, 1947; 323il

lorrainensis, *Glyptograptus*, (Ruedemann): Decker, 1933; Ruedemann and Decker, 1934; Ruedemann, 1947; Finney, 1986

lyra, *Kalpinograptus*, (Ruedemann): Ruedemann, 1947 (*Isograptus*); Finney, 1986; Ethington and others, 1989 (*Apoglossograptus*)

manitoulinensis, *Climacograptus*, Caley: Finney, 1986

margaritatus, *Neurograptus*, (Lapworth): Bergström and Mitchell, 1986; Finney, 1986

maxwelli, *Amplexograptus*, Decker: Ruedemann, 1947; Decker, 1935c, 1936b; Finney, 1986

mensurans, *Dicellograptus*, Ruedemann: Ruedemann, 1947; Decker, 1936b

meridionalis, *Climacograptus*, Ruedemann: Ruedemann, 1947; Finney, 1986

minnesotense, *Dictyonema*, Ruedemann: Decker, 1936a, 1936b

mississippiensis, *Climacograptus*, Ruedemann: Decker, 1935b, 1936a; Hendricks and others, 1937; Ruedemann, 1947; Berry and Marshall, 1971; Pitt and others, 1982; 449

modestus, *Pseudoclimacograptus*, (Ruedemann): Ruedemann, 1947; Finney, 1986

mohawkensis, *Climacograptus*, (Ruedemann): Finney, 1986

morrisi, *Dicellograptus*, Hopkinson: Miser and Purdue, 1929(?)

mucronatus, *Lasiograptus*, (Hall): Griswold, 1892; Gurley, 1896b; Miser and Purdue, 1929; Decker, 1936a; Ruedemann, 1947; Finney, 1986 (*Hallograptus*); 323M₂-449Z, 211U

nexus, *Orthograptus*, Ruedemann: Decker, 1933; Ruedemann and Decker, 1934; Ruedemann, 1947

nicholsoni, *Dicranograptus*, Hopkinson: Griswold, 1892; Miser and Purdue, 1929; Finney, 1986; Ethington and others, 1989; 211J(early mut.)

nicholsoni diapason, *Dicranograptus*, Gurley: Miser and Purdue, 1929; Decker, 1936a; Ruedemann, 1947; 211U

nicholsoni geniculatus, *Dicranograptus*, Ruedemann & Decker: Decker, 1933, 1936a, 1936b; Ruedemann and Decker, 1934; Ruedemann, 1947

nicholsoni longibasalis, *Dicranograptus*, Ruedemann & Decker: Decker, 1933; Ruedemann and Decker, 1934; Ruedemann, 1947; Finney, 1986

nicholsoni parvangelus, *Dicranograptus*, Gurley (= *D. nicholsoni whittianus*): Griswold, 1892; Gurley, 1892b, 1896a, 1896b; Griswold, 1892; Miser and Purdue, 1929; Decker, 1936a, 1936b; Hendricks and others, 1937; Ruedemann, 1947; 211U

nitidus, *Didymograptus*, (Hall): Ulrich, 1911; Miser and Purdue, 1929; Ruedemann, 1947

obovatum, *Dictyonema*, Gurley: Gurley, 1892b; Griswold, 1892; 211U

oklahomensis, *Desmograptus*, Ruedemann: Decker, 1933; Ruedemann and Decker, 1934; Ruedemann, 1947; 320Z, 272h₁

parvus, *Climacograptus*, Hall: Gurley, 1892a; Decker, 1936a, 1936b; Ruedemann, 1947; 320Z, 185g, 211N

patulosus, *Dicellograptus*, Lapworth: Miser and Purdue, 1929; Ruedemann, 1947; 211E, 211N

pendens, *Tetragraptus*, Elles & Wood: Ulrich, 1911; Miser and Purdue, 1929

peosta, *Glyptograptus*, (Hall): Decker, 1933; Ruedemann and Decker, 1934; Ruedemann, 1947

perdensum, *Dictyonema*, Ruedemann: Ruedemann, 1947; 211U

perexcavatus, *Amplexograptus*, (Lapworth): Miser and Purdue, 1929; Pitt and others, 1982

priscus, *Acanthograptus*, Ruedemann: Decker, 1936a; Ruedemann, 1947

protoartus, *Didymograptus*, Decker: Decker, 1944

protobifidus, *Didymograptus*, Elles: Decker, 1941, 1944; Ruedemann, 1947

protobifidus praecursor, *Didymograptus*, Monsen: Decker, 1944; Ruedemann, 1947

protogeminus, *Didymograptus*, Decker: Decker, 1944

protomurchisoni, *Didymograptus*, Decker: Decker, 1944

pungens, *Climacograptus*, Ruedemann: Ruedemann, 1947; 323i

pungens major, *Climacograptus*, Ruedemann: Ruedemann, 1947; 323i

putillus, *Climacograptus*, (Hall): Decker, 1935b, 1936a; Hendricks and others, 1937; Ruedemann, 1947; 272P, 272K

pygmaeus, *Climacograptus*, Ruedemann: Bergström and Mitchell, 1986; Finney, 1986

quadribrachiatus, *Tetragraptus*, (Hall): Ulrich, 1911; Miser and Purdue, 1929

quadribrachiatus ultimus, *Tetragraptus*, Ruedemann: Ruedemann, 1947; 323il

quadrimucronatus, *Orthograptus*, (Hall): Miser and Purdue, 1929; Decker, 1933; Ruedemann

and Decker, 1934; Ruedemann, 1947; Pitt and others, 1982; Finney, 1986;
272P, 449

quadrimucronatus var., *Orthograptus*: Berry and Takagi, 1970; Herr, 1971

quadrimucronatus cornutus, *Orthograptus*, (Ruedemann): Miser and Purdue, 1929;
Ruedemann, 1947; 211J

quadrimucronatus maximus, *Orthograptus*, (Decker): Decker, 1936a, 1936b; Ruedemann,
1947

quadrimucronatus paucithecatus, *Orthograptus*, (Decker): Decker, 1935b, 1936a; Ruedemann,
1947; Pitt and others, 1982 (*Glossograptus*); 272K, 323,N.9

quadrimucronatus spinigerus, *Orthograptus*, (Lapworth): Miser and Purdue, 1929; Decker,
1933, 1936a, 1936b; Ruedemann and Decker, 1934; Ruedemann, 1947

quadrithecatus, *Brevigraptus*, Mitchell: Mitchell, 1988

ramosus, *Dicranograptus*, (Hall): Griswold, 1892; Gurley, 1892a, 1896b; Decker, 1936a;
Ruedemann, 1947; 323M₂-449Z, 211U

rectus, *Dicranograptus*, Hopkinson: Miser and Purdue, 1929; Ruedemann, 1947; 211U

recurrens, *Amplexograptus*, Ruedemann (= *O. quadrimucronatus*): Decker, 1933; Ruedemann
and Decker, 1934; Ruedemann, 1947

ruedemanni, *Orthograptus*, (Gurley): Finney, 1986

russomi, *Dicellograptus*, Ruedemann: Ruedemann, 1947; N.Y. State Museum coll.

sagittarius, *Didymograptus*, (Hall) (= *D. sagitticaulis* Gurley): Griswold, 1892

sagitticaulis, *Didymograptus*, Gurley: Gurley, 1896b; Miser and Purdue, 1929; Decker, 1936a;
Ruedemann, 1947; 320Z, 211U, 185g

sagitticaulis minimus, *Didymograptus*, Decker: Decker, 1936a; Ruedemann, 1947; 323M₂-
449Z

scharenbergi, *Pseudoclimacograptus*, (Lapworth): Finney, 1986

schucherti, *Dictyonema*, Ruedemann: Decker, 1936a; Ruedemann, 1947

serra, *Tetragraptus*, (Brongniart): Griswold, 1892; Gurley, 1896b; Ulrich, 1911; Miser and

Purdue, 1929; "small mut.": Ruedemann, 1947; 323i

serratus, *Didymograptus*, (Hall): Griswold, 1892; Gurley, 1896b; Ruedemann, 1947

sextans, *Dicellograptus*, (Hall): Miser and Purdue, 1929; Ruedemann, 1947; Pitt and others, 1982; Finney, 1986; 320Z, 211U, 272f, 211N

sextans exilis, *Dicellograptus*, Elles & Wood: Decker, 1936a; 323M₂-449Z, 272f

sextans perexilis, *Dicellograptus*, Ruedemann: Decker, 1933; Ruedemann and Decker, 1934; Ruedemann, 1947

similis, *Didymograptus*, (Hall): Ulrich, 1911; Miser and Purdue, 1929

similis, *Tetragraptus*, (Hall): Ulrich, 1911; Miser and Purdue, 1929

smithvillensis, *Didymograptus*, Berry: Berry, 1970

sooneri, *Phormograptus*, Whittington: Whittington, 1955; Bates and Kirk, 1987; Bergström and Mitchell, 1986; Bates and others, 1988; Finney, 1986

sparsus, *Dendrograptus*, Ruedemann: Miser and Purdue, 1929 (*Didymograptus*); Decker, 1936a

spinifer, *Dicranograptus*, Elles & Wood: Miser and Purdue, 1929; Decker, 1936a; Ruedemann, 1947; Finney, 1986; 211E, 211L, 240a, 211N

spinifer arkansasensis, *Dicranograptus*, Gurley (= *D. arkansasensis*)

spinifer geniculatus, *Dicranograptus*, Ruedemann (= *D. arkansasensis*): Ruedemann, 1947; 240a

spiniferus, *Climacograptus*, Ruedemann: Decker, 1933; Ruedemann and Decker, 1934; Bergström and Mitchell, 1986; Ruedemann, 1947; Finney, 1986

spinosus, *Holmograptus*, (Ruedemann): Miser and Purdue, 1929 (*Didymograptus*); Ruedemann, 1947; 323il

spinulosus, *Glossograptus*, (Hall) (= *G. ciliatus* Emmons): Griswold, 1892; Gurley, 1896b

staufferi, *Callograptus*, Ruedemann: Decker, 1936a; Ruedemann, 1947

subtenuis, *Didymograptus*, (Hall): 320Z

superstes, *Didymograptus*, Lapworth: Miser and Purdue, 1929; Ruedemann, 1947; 211U

tentaculatus, *Paraglossograptus*, (Hall): Griswold, 1892 (*Retiograptus*); Ulrich, 1911 (?); Miser and Purdue, 1929 (?); Ruedemann, 1947; 323il

teretiusculus, *Glyptograptus*, (Hisinger): Decker, 1936b; Ruedemann, 1947; Finney, 1986

thomasi, *Dendrograptus*, Ruedemann: Decker, 1936a

tricornis, *Cryptograptus*, (Carruthers): Griswold, 1892; Gurley, 1896b; Ulrich, 1911 (?); Miser and Purdue, 1929; Decker, 1936a, 1936b; Ruedemann, 1947; Finney, 1986; 323M₁, 211U, 211N

tridentatus maximus, *Climacograptus*, Decker: Decker, 1935b, 1936a; Ruedemann, 1947; 359B

trifidus, *Climacograptus*, (Gurley): Pitt and others, 1982

tubuliferus, *Climacograptus*, Lapworth: Ruedemann, 1947; Pitt and others, 1982; Finney, 1986

turneri, *Didymograptus*, Decker: Decker, 1944

typicalis, *Climacograptus*, Hall: Decker, 1933; Ruedemann and Decker, 1934; Ruedemann, 1947; Bergström and Mitchell, 1986; Finney, 1986

typicalis crassimarginalis, *Climacograptus*, Ruedemann & Decker: Decker, 1933; Ruedemann and Decker, 1934; Ruedemann, 1947

typicalis posterus, *Climacograptus*, Ruedemann: Decker, 1933; Ruedemann and Decker, 1934; Ruedemann, 1947

typus, *Phyllograptus*, Hall: Griswold, 1892; Gurley, 1896b (?)

typus, *Phyllograptus*, n.var.: Ulrich, 1911; Miser and Purdue, 1929

ulrichi, *Climacograptus*, Ruedemann: Decker, 1935b, 1936a; Hendricks and others, 1937; Ruedemann, 1947; 210V

velatus, *Nymphograptus*, (Elles & Wood): Miser and Purdue, 1929

vermicularis, *Desmograptus*, Ruedemann: Ruedemann, 1947; 211U

vermiformis, *Haplograptus*, Ruedemann: Decker, 1936a, 1936b; Ruedemann, 1947

vespertinus, *Glyptograptus*, Ruedemann: Decker, 1933; Ruedemann and Decker, 1934; Ruedemann, 1947

whitfieldi, *Orthograptus*, (Hall): Griswold, 1892 (*Diplograptus*); Gurley, 1896b; Miser and Purdue, 1929; Ruedemann, 1947 (*Glossograptus*); 211U

wisconsinensis, *Haplograptus*, Ruedemann: Decker, 1936a, 1936b; Ruedemann, 1947

wyomingense, *Dictyonema*, Ruedemann: Decker, 1936a, 1936b; Ruedemann, 1947

ziczac, *Dicranograptus*, Lapworth: Decker, 1936; 1936a; Ruedemann, 1947

LIST OF GRAPTOLITE SPECIES CITED IN REPORTS ON SILURIAN ROCKS OF THE OKLAHOMA-ARKANSAS AREA

argutus, *Monograptus*, Lapworth: Miser and Purdue, 1929; Ruedemann, 1947; Pitt and others, 1982; 323g

arkansasense, *Dictyonema*, Ruedemann: 323g

beachi, *Mastigograptus*, Decker: Decker, 1935a, 1936a; Ruedemann, 1947

bohemicus, *Monograptus*, (Barrande): Decker, 1935a, 1936a; Ruedemann, 1947; Ross, 1962a

butovicensis, *Monograptus*, (Bouček): Ross, 1962a

colonus, *Monograptus*, (Barrande): Ross, 1962a

communis, *Monograptus*, Lapworth: Ruedemann, 1947; 323g

crinitus exilis, *Monograptus*, Decker: Decker, 1935a, 1936a; Ruedemann, 1947

decussatus, *Dimorphograptus*, Elles & Wood: Miser and Purdue, 1929; Pitt and others, 1982; 323g

distans, *Monograptus*, (Portlock): Miser and Purdue, 1929; Pitt and others, 1982; 323g

dubius, *Pristiograptus*, (Suess): Decker, 1935a, 1936a; Ruedemann, 1947; Ross, 1962a

erectus(cf.), *Dimorphograptus*, Elles & Wood: Ross, 1962b

gregarius, *Monograptus*, Lapworth: Miser and Purdue, 1929; Pitt and others, 1982; 323g

miseri, *Acanthograptus*, Ruedemann: Ruedemann, 1947; 323g

modestus(?), *Diplograptus*, Lapworth: Ross, 1962b, 1964

nilssoni, *Monograptus*, (Barrande): Decker, 1935a, 1936a; Ruedemann, 1947

perlatus, *Retiolites*, Nicholson: Miser and Purdue, 1929; Ruedemann, 1947; Pitt and others, 1982 (*Gladiograptus*); 323g

phillipsi, *Linograptus*, Decker: Decker, 1935a, 1936a; Ruedemann, 1947

phillipsi multiramosus, *Linograptus*, Decker: Decker, 1935a, 1936a; Ruedemann, 1947

phylloides, *Thallograptus*, Decker: Decker, 1935a, 1936a; Ruedemann, 1947

rectangularis, *Climacograptus*, McCoy: Ross, 1962b

roemeri, *Monograptus*, (Barrande): Ross, 1962a

scanicus, *Monograptus*, Tullberg: Decker, 1935a, 1936a; Ruedemann, 1947

sparsus, *Cryptograptus*, nom. nud.: Decker, 1935a, 1936a; Ruedemann, 1947

tumescens, *Monograptus*, Wood: Decker, 1935a, 1936a; Ruedemann, 1947

varians, *Monograptus*, Wood: Ross, 1962a

varians pumilus, *Monograptus*, Wood: Ross, 1962a

vulgaris, *Monograptus*, Wood: Decker, 1935a, 1936a; Ruedemann, 1947