

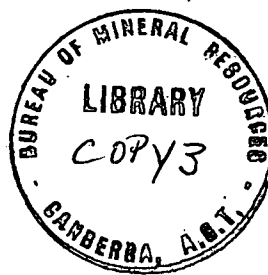
COMMONWEALTH OF AUSTRALIA

DEPARTMENT OF NATIONAL DEVELOPMENT

BUREAU OF MINERAL RESOURCES, GEOLOGY AND GEOPHYSICS

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**Bibliography and Index of Australian
Cambrian Trilobites, Part 1**

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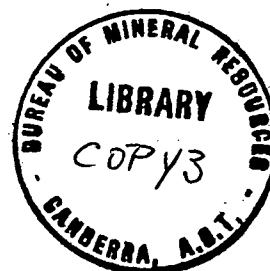
J.H. Shergold

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BIBLIOGRAPHY AND INDEX OF AUSTRALIAN
CAMBRIAN TRILOBITES, PART 1

by
J.H. Shergold



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The information contained in this report has been obtained by the Department of National Development as part of the policy of the Commonwealth Government to assist in the exploration and development of mineral resources. It may not be published in any form or used in a company prospectus or statement without the permission in writing of the Director, Bureau of Mineral Resources, Geology and Geophysics.

INTRODUCTION

This Record contains a bibliography and specific index of Australian Cambrian trilobites. For convenience the upper limit of the Cambrian is considered to lie at the base of rocks of Tremadocian age equivalence.

The Bibliography contains papers in which Australian Cambrian trilobites are mentioned, listed, described or illustrated in the general body of the Australian geological literature and text books. It excludes references found in treatises, theses, encyclopaedias and dictionaries. The Index of Species which follows the Bibliography is drawn from the references cited. It is up to date at the time of writing (June, 1970) and includes taxa from manuscripts which are 'in press'. These nomina nuda are included solely for the sake of completeness.

Eventually it is hoped to compile a synonymy index for the Cambrian trilobites described from this continent. When completed it will be published as a report or bulletin in conjunction with the Bibliography and Index here presented.

Neither Bibliography nor Index are considered fully comprehensive and it is hoped that papers missed in this survey or subsequently published will be included in supplements appended from time to time.

In the Bibliography the following symbols are used:

- * Denotes papers containing systematic descriptions and illustrations.
- + Denotes papers with illustrations but lacking descriptions. In the remainder of the papers trilobites are merely listed or mentioned.

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abundans Opik 1967, Cermataspis
accuminatus Whitehouse. 1936, Solenagnostus
 (= Ptychagnostus cassis Opik 1961 in pars)
acrolebes Shergold (in press (2)), Geragnostus (Micragnostus)
aculeatus (Angelin 1851), Ptychagnostus
acutangulus Angelin 1851, Acontheus
adjusta Opik 1967, Onaraspis
adnatum Opik 1967, Placosema
advena Opik 1967, Mindycrusta
advialis Opik (in press), Redlichia
agra Opik 1961, Proampyx
agrestis Opik 1967, Idolagnostus
alexandriensis Shergold 1969, Cryptocephalus
alienum Opik 1963, Erixanium
alroiensis (Etheridge Jr 1919), Lyriaspis
amadeana Opik (in press), Redlichia
amplinatis Opik 1963, Agnostardis
amplinatis Opik 1963 cf, Agnostardis
ampullatus Opik 1967, Pseudagnostus
amydium Opik 1967, Teinistion ?
angusta (Whitehouse 1939), Mapania
anitys Opik 1967, Ascionepea
anitys Opik 1967, aff, Ascionepea
anoxys Opik 1970, Nepea
apicula Opik 1967, Oxyagnostus
arenata Opik 1967, Quitacetra
arepo Opik 1961, Holteria
armata (Linnarsson 1869), Leiopyge laevigata (Dalman 1828)
arta Opik 1961, Amphoton ?
artilimbatus Opik 1967, Agnostus
asper Opik 1967, Lophoholcus
aspis Opik 1967, Paracoosia
atavus (Tullberg 1880), Ptychagnostus

dubitalis " Opik 1967, Norwoodella ?

dubium (Whitehouse 1936), Pseudophalacroma

dunstani Chapman 1929, Dikelocephalus

(= Xystridura saintsmithi (Chapman), fide
Whitehouse 1939).

durus " Opik 1967, Hypagnostus

elaticeps " Opik 1970, Penarosa

elegans Chapman 1929, Marjumi

(= Xystridura saintsmithi (Chapman), fide
Whitehouse 1939).

elegans Whitehouse 1939, Protemmites

elkedraensis (Etheridge Jr 1902), Peronopsis "

elkedraensis (Etheridge Jr 1902), cf, Peronopsis

enodis " Opik 1967, Alomataspis

eretes " Opik 1967, Erediaspis

ergodes Shergold (in press (1)), Distagnostus

erista " Opik 1967, Solenopleura ?

erugata Whitehouse 1939, Charchagia

etheridgei (Chapman 1911), Tricrepicephalus

euryaxis " Opik 1967, Ammagnostus

evexus " Opik 1967, Grandagnostus

exilis Whitehouse 1936, Leiopyge

(= Leiopyge laevigata (Dalman) or L.1. armata
(Linnarsson), fide " Opik 1961B)

expansa " Opik 1967, Auritama

expansa Shergold 1969, Barklyella

exserta " Opik 1970, Nepea

exserta " Opik 1970, cf, Nepea

extricans " Opik 1967, Idamea

faceta " Opik 1961, Mapania

faceta " Opik 1961, cf, Mapania

fallax (Linnarsson 1869), Peronopsis

fallax (Linnarsson 1869), aff, Peronopsis

fastosa " Opik 1967, Acrodirotes

fergusoni, (Gregory 1903), Kootenia
flexuosa Opik 1967, Polycertaspis
forresti (Etheridge Jr 1890), Redlichia
fortis Gatehouse 1968, Probowmannia ?
" fumicola Opik 1961, Ptychagnostus (Goniagnostus)
futiliformis Shergold (in press (2)), Mansuyites

geikiei (Walcott 1908), aff, Oryctocare
gelasinus Shergold 1969, Oryctocephalites
gelasinus Shergold 1969, cf, Oryctocephalites
" georginae Opik 1967, Blowntia
" gibberina Opik 1967, Blackwelderia
gibbus (Linnarsson 1869), Ptychagnostus
gibbus (Linnarsson 1869), cf, Ptychagnostus
" globiceps Opik 1967, Anopocodia
granulatus Lermontova 1940, Dinesus (Erbia), cf
" gravis Opik 1967, Agnostascus
" gravis Opik 1967, aff, Agnostascus
" griphus Opik 1967, Griphasaphus

hamulus (Owen 1863), cf, Saratogia
helena (Walcott 1889), aff, Cal/odiscus
" hippalus Opik 1961, Hypagnostus
" hispida Opik 1967, Ferenepea
holopyga (Hall 1859), cf, Bathynotus
howchini Etheridge Jr 1898, Ptychoparia
(= Yorkella australis (Woodward), fide
Kobayashi 1935, 1942B)
humilis (Whitehouse 1936), Diplagnostus
humanicus Lu 1957, Hypagnostus

ida Etheridge Jr 1896, Dinesus
ida Etheridge Jr 1896, cf, Dinesus
" idalis Opik 1967, Pseudagnostus
" idalis Opik 1967, cf, Pseudagnostus
idonea Whitehouse 1939, Redlichia
idonea Whitehouse 1939, cf, Redlichia

illimbatum " Opik 1967, Aulocodigma
imitans " Opik 1961, Grandagnostus
immodulata " Opik 1967, Modocia
incertus (Brogger 1878), Doryagnostus
incerta (Rusconi) Leanza 1947, cf, Kootenia
incognitus " Opik 1967, Agnostogonus
inconstans " Opik 1963, Agnostogonus
inexpectans (Kobayashi 1938), Innitagnostus
iniotoma " Opik 1967, Iniotoma
innitens " Opik 1967, Innitagnostus
innitens " Opik 1967, aff, Innitagnostus
innitens " Opik 1967 ?, Innitagnostus
inquilinus " Opik 1967, Aspidagnostus
instans " Opik 1967, Aedotes
integra " Opik 1967, Hedanoparia
integriceps " Opik 1967, Ammagnostus
intricata " Opik 1967, Cyrtoprora
italops " Opik 1967, Palaeadotes

janitrix " Opik 1967, Ascionepea
junior Shergold (in press (1)), Connagnostus

kainelliformis Shergold (in press (1)), Richardsonella ?
kjerulfi (Brogger 1878), aff, Linguagnostus
krausei Monke 1903, Liostracina
kushanensis (Walcott 1905), aff, Cotalagnostus

laciniatus " Opik 1961, Blystagnostus
laciniosa Shergold (in press (1)), Richardsonella
laevigata (Dalman 1828), Leiopyge
laevis Shergold (in press (1)), Dellea ?
lancastraioides Shergold 1969, Oryctocephalina
lanceola Whitehouse 1939, Papyriaspis
lanceola Whitehouse 1939, aff, Papyriaspis
las " Opik 1967, Hadragnostus
lata Whitehouse 1939, Proceratopyge
laticeps " Opik 1967, Agelagma

- legirupa " Opik 1967, Xestagnostus
legirupa " Opik 1967, aff, Xestagnostus
lenis " Opik 1969, Glyptagnostus (Lispagnostus)
lepta " Opik (in press), Redlichia
levior Whitehouse 1939, Asthenopsis
limbatus Whitehouse 1936, Phoidagnostus
(= Pseudophalacroma dubium (Whitehouse) or
Hypagnostus hippalus " Opik, fide Opik 1961b)
lisani (Walcott 1911), cf, Koptura
lobata Shergold 1969, Sandoveria
longilira Shergold (in press (1)), Sigmakainella
longula Whitehouse 1939, Rhodonaspis
loveni (Angelin 1851), aff, Centropleura
loxophrys " Opik 1970, Loxonepea
lutea Gatehouse 1968, Gunnia

macrops Shergold (in press (1)), Lorrettina
magister Whitehouse 1939, Ceratagnostus
mayalis " Opik (in press), Redlichia
melota " Opik 1970, Penarosa
meniscops " Opik 1970, Penarosa
meringaspis " Opik 1967, Meringaspis
merrotskii Mitchell 1922, Ptychoparia
(= Lyriaspis alroiensis (Etheridge), fide
Whitehouse 1939).
mestus " Opik 1967, Pseudagnostus
micrograpta " Opik (in press), Redlichia
milesi Chapman 1929, Marjunia
(= Xystridura saintsmithi (Chapman), fide
Whitehouse 1939)
mindycrusta " Opik 1967, Mindycrusta
minima (Chapman 1911), Thielaspis
mitis " Opik 1967, Ammagnostus
mitis " Opik 1967, Plectrifer
modica (Whitehouse 1939), Kootenia
momedahensis Shergold (in press(1)), Goldasaphus
mutans " Opik 1967, Aedotes

nans "Opik 1970, Folliceps
nanus "Opik 1963, Asilluchus
narinosa Whitehouse 1939, Nepea
narinosa Whitehouse 1939, aff, Nepea
nathorsti (Brögger 1878), Ptychagnostus (Goniagnostus)
nathorsti (Brögger 1878), aff, Ptychagnostus (Goniagnostus)
nectans Whitehouse 1939, Proceratopyge
neglecta "Opik 1949, Centropleura
neglectus Westergaard 1946, Agnostus
neuter "Opik 1967, Rhyssometopus
nitens "Opik 1967, Lampropeltis
nitidus Chapman 1929, Bathyriscus
(= Xystridura saintsmithi (Chapman), fide
Whitehouse 1939)
noaksi "Opik 1967, Lynaspis
nobilis "Opik 1967, Peratagnostus
nobilis Walcott 1905, aff, Redlichia
nodibundus "Opik 1967, Ptychagnostus
nolens "Opik 1967, Liostracina
normata (Whitehouse 1936), Peronopsis
normata (Whitehouse 1936), cf, Peronopsis
notostena "Opik 1967, Mindycrusta
notulata "Opik 1963, Talbotinella
novella "Opik 1967, Dipyrgotes
novella "Opik 1967, aff, Dipyrgotes
nudum (Beyrich 1845), cf, Phalacroma
nuperus Whitehouse 1936, Pseudagnostus

obesus (Belt 1884), cf, Homagnostus
ocellatus Shergold (in press (1)), Crucicephalus
oculosa "Opik 1967, Histionoma
offula "Opik 1967, Onchonotellus
ogilviei "Opik 1963, Olenus
olenelloides Chapman 1929, Bathyriscus
(= Xystridura saintsmithi (Chapman), fide
Whitehouse 1939).
opiki Shergold 1969, Oryctocephalus

opimus Whitehouse 1936, Euagnostus
orientalis Resser & Endo 1937, cf, Saukia ?
" ornata Opik 1967, Doremataspis

papilio Shergold (in press(1)), Pseudagnostus
parmatus Whitehouse 1936, Aspidagnostus
" pelta Opik 1967, Peichiashania ?
peregrina (Whitehouse 1939), Chienaspis ?

(comment under Oryctocephalus discus Whitehouse)

" personatus Opik 1967, Oidalagnostus
" petalifera Opik 1970, Penarosa
petasatus Shergold (in press (1)), Atopasaphus
" petita Opik (in press), Redlichia
" phoenix Opik 1961, Centropleura
" pilaris Opik 1967, Ferenepea
pisiformis Linnaeus 1758, aff, Aagnostus
planicauda (Angelin 1851), cf, Diplagnostus
plebeia Whitehouse 1939, Elrathiella
" plectrifer Opik 1967, Plectrifer
plumula Whitehouse 1939, Corynexochus
polita Whitehouse 1939, Proceratopyge
" princeps Opik 1967, Rhyssometopus
" priscilla Opik 1967, Saukia ?
" pristinus Opik 1967, Nomadinis
pritchardi Tate 1892, Olenellus ?

(= Pararaia tatei (Woodward), fide
Kobayashi 1942B)

propinquum Whitehouse 1939, Eugonocare
prosecta Whitehouse 1939, Rhodonaspis
" psammius Opik 1967, Ammagnostus
punctuosus (Angelin 1851), Ptychagnostus
purus Whitehouse 1939, Ptychagnostus (Goniagnostus)
puteata Endo in Resser & Endo 1937, aff, Paramansuyella
" pyriceps Opik 1967, Lobocephalina

guardans " Opik 1967, Meropalla
quadratum " Opik 1967, Agelagma
quasispinale " Opik 1967, Aulocodigma
quasispinale " Opik 1967, cf, Aulocodigma
quasivespa " Opik 1967, Cyclagnostus
quasiverspa " Opik 1967, aff, Cyclagnostus

rasilis " Opik 1967, Xestagnostus
rasilis " Opik 1967, cf, Xestagnostus
ratis " Opik 1967, Dipentaspis
reineri " Opik 1967, Biaverta
repanda " Opik 1967, Blackwelderia
repanda " Opik 1967, cf, Blackwelderia
reticulatus (Angelin 1851), Glyptagnostus
retifera " Opik 1970, Penarosa
reynoldsi Reed 1889, Oryctocephalus
reynoldsi Reed 1889, cf, Oryctocephalus
rhinodelpha " Opik 1970, Penarosa
rhyssometopus " Opik 1967, Rhyssometopus
richthofeni Monke 1903, Stephanocare
rostrifinis " Opik 1967, Rhyssometopus (Rostrifinis)
rostrifinis " Opik 1967, aff, Rhyssometopus (Rostrifinis)
rudis " Opik 1963, Hercantyx
rugiceps " Opik 1967, Rhyssometopus
rugifera Westergard 1946, Leiopyge laevigata (Dalman 1828)
rugulata Chapman 1917, cf, Saratogia
runcinatus Shergold 1969, Oryctocephalites
rutellum Whitehouse 1939, Proceratopyge

sabulosa " Opik 1967, Blackwelderia
saintsmithi (Chapman 1929), Xystridura
scaphoa " Opik 1961, Peronopsis
scarabaeus Whitehouse 1939, Ptychagnostus (Goniagnostus)
scutalis (Salter in Hicks 1872), cf, Peronopsis
seminula Whitehouse 1939, Agnostus
sentum " Opik 1963, Erixanium

serena " Opik 1967, Interalia
sericatus " Opik 1967, Pseudagnostus
serotinum Whitehouse 1939, Amphoton
serus " Opik 1967, Ptychagnostus ?
sidonia " Opik 1963, Stigmatoa
sigillum Whitehouse 1939, Lyriaspis
sigmata " Opik 1967, Nilegna
significans (Etheridge Jr 1902), Pagetia
significans (Etheridge Jr 1902), aff, Pagetia
significans (Etheridge Jr 1902), cf, Pagetia
silex " Opik 1963, Stigmatoa
solus " Opik 1967, Adelogonus
somniura " Opik 1967, Onaraspis
sonax " Opik 1961, Centropleura
sors " Opik 1961, Tosotychia
speciosus (Ford 1873), aff, Serrodiscus
spectator " Opik 1963, Biscagnostus
spiniger (Westergaard 1931), Ptychagnostus (Goniagnostus)
spinigerum Whitehouse 1939, Amphoton
splendens Endo in Resser & Endo 1937, Malladioidella
stictus " Opik 1967, Aspidagnostus
stictus " Opik 1967, aff, Aspigagnostus
stolidotus " Opik 1961, Glyptagnostus
strabum " Opik 1963, Erixanium
striata Resser & Endo 1937, Mapania
subsagittatus Tate 1892, Microdiscus
 (= Pararaia tatei (Woodward), fide
 Kobayashi 1942B)
subsulcatus Westergard 1946, Agnostus pisiformis Linnaeus 1758
succincta Shergold 1969, Cheiruroides
sulcatus Shergold 1969, Oryctocephalites
superstes Whitehouse 1939, Pagodia (Idamea)
synophrys " Opik 1961, Mapania

tatei (Woodward 1884), Pararaia
templetonensis (Chapman 1929), Xystridura
tenella Whitehouse 1945, Dorypyge
teres Resser & Endo 1937, aff, 'Quadraticcephalus'

tesselatum Whitehouse 1939, Eugonocare
thielei (Chapman 1911), Thielaspis
tiro " Opik 1967, Rhyssometopus (Rostrifinis)
tonsillata " Opik 1970, Nepea
toreuma Whitehouse 1936, Glyptagnostus
 (= Glyptagnostus reticulatus (Angelin), fide
 Westergard 1947, Kobayashi 1949, " Opik 1961A,
 1963B, Palmer 1962)
torosa " Opik 1967, Damesella
torquata Shergold (in press (1)), Lophosaukia
townleyi " Opik 1967, Townleyella
transans " Opik 1967, Olenoides
translira Shergold (in press (1)), Sigmakainella
transversus Linnarsson in museo, Westergard 1922, aff, Olenus
travesi " Opik 1967, Metopotropis
tridens " Opik 1967, Oedorhachis ?
trigona Whitehouse 1939, Eurostina
trilunata " Opik 1967, Auritama
trispinifer Westergaard 1946, Oidalagnostus
tropica " Opik 1963, Irvingella
typicalis Resser 1939, cf, Oryctocephalites
 (= Oryctocephalites runcinatus Shergold or
 O. gelasinus Shergold, fide Shergold 1969)
tysoni " Opik 1963, Stigmatia

uncata " Opik 1967, Quitania
uncata " Opik 1967, cf, Quitania

variscosus " Opik 1961, Hypagnostus
vastulus Whitehouse 1936, Pseudagnostus
vastulus Whitehouse 1936, cf, Pseudagnostus
velaevis " Opik 1961, Grandagnostus
venerabilis " Opik 1967, Connagnostus
venulosa (Whitehouse 1939), Redlichia
venusta Whitehouse 1939, Pagodia (Idamea)
versabunda " Opik (in press), Redlichia
vertumnia " Opik (in press), Redlichia
vestogothicus (Wallerius 1895), Diplagnostus planicauda (Angelin 1851)

sp. I Shergold (in press (1)), Pseudagnostus
sp. II Shergold (in press (1)), Pseudagnostus
sp. III Shergold (in press (1)), Pseudagnostus

sp. nov. A. " Opik 1967, Blackwelderia ?
sp. nov. A " Opik 1967, Dipyrgotes ?
sp. nov. A " Opik 1967, Leichneyella ?
sp. nov. A " Opik 1967, Meringaspis
sp. nov. B " Opik 1967, Blackwelderia ?
sp. nov. B " Opik 1967, Leichneyella
sp. nov. B " Opik 1967, Meringaspis
sp. nov. MC " Opik 1970, Nepea ?
sp. nov. MC " Opik 1970, Loxonepea
sp. NA (indet.) " Opik 1970, Nepea
sp. NB (indet.) " Opik 1970, Nepea
sp. PA, aff retifera " Opik 1970, Penarosa
sp. PB, aff vittata " Opik 1970, Penarosa
sp. nov. PC " Opik 1970, Penarosa
sp. nov. PD aff vittata " Opik 1970, Penarosa
sp. nov. PE " Opik 1970, Penarosa