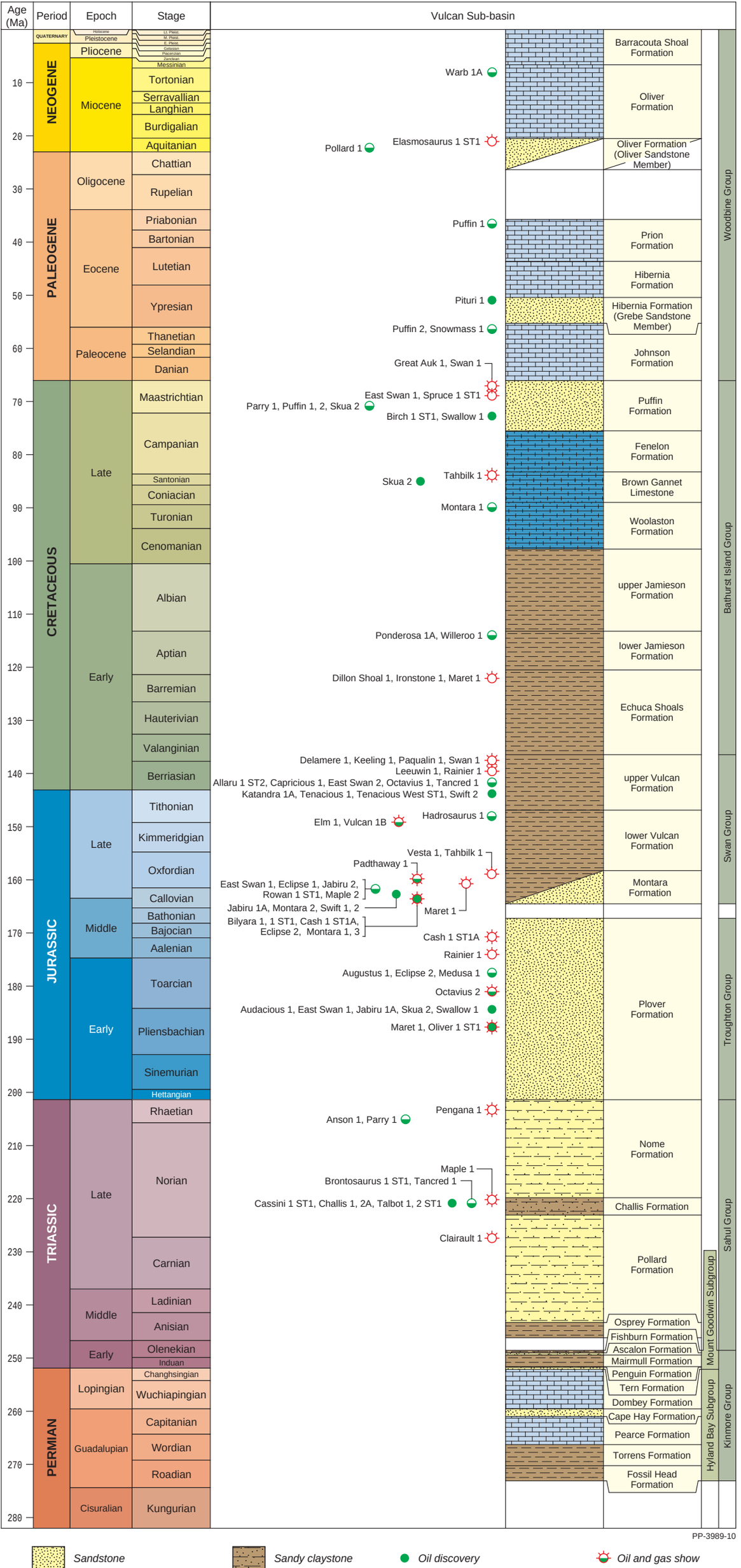
Age (Ma)
Period
Epoch
Stage
Vulcan Sub-basin
QUATERNARY
NEOGENE
PALEOGENE
CRETACEOUS
JURASSIC
TRIASSIC
PERMIAN
Holocene
Pleistocene
Pliocene
Miocene
Oligocene
Eocene
Paleocene
Late
Early
Middle
Lt. Pleist.
M. Pleist.
E. Pleist.
Gelasian
Piacenzian
Zanclean
Messinian
Tortonian
Serravallian
Langhian
Burdigalian
Aquitanian
Chattian
Rupelian
Priabonian
Bartonian
Lutetian
Ypresian
Thanetian
Selandian
Danian
Maastrichtian
Campanian
Santonian
Coniacian
Turonian
Cenomanian
Albian
Aptian
Barremian
Hauterivian
Valanginian
Berriasian
Tithonian
Kimmeridgian
Oxfordian
Callovian
Bathonian
Bajocian
Aalenian
Toarcian
Pliensbachian
Sinemurian
Hettangian
Rhaetian
Norian
Carnian
Ladinian
Anisian
Olenekian
Induan
Changhsingian
Lopingian
Guadalupian
Cisuralian
Wuchiapingian
Capitanian
Wordian
Roadian
Kungurian
10
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100
110
120
130
140
150
160
170
180
190
200
210
220
230
240
250
260
270
280
Warb 1A
Pollard 1
Elasmosaurus 1 ST1
Puffin 1
Pituri 1
Puffin 2, Snowmass 1
Great Auk 1, Swan 1
East Swan 1, Spruce 1 ST1
Parry 1, Puffin 1, 2, Skua 2
Birch 1 ST1, Swallow 1
Skua 2
Tahbilk 1
Montara 1
Ponderosa 1A, Willeroo 1
Dillon Shoal 1, Ironstone 1, Maret 1
Delamere 1, Keeling 1, Paqualin 1, Swan 1
Leeuwin 1, Rainier 1
Allaru 1 ST2, Capricious 1, East Swan 2, Octavius 1, Tancred 1
Katandra 1A, Tenacious 1, Tenacious West ST1, Swift 2
Elm 1, Vulcan 1B
Hadrosaurus 1
Vesta 1, Tahbilk 1
Padthaway 1
East Swan 1, Eclipse 1, Jabiru 2,
Rowan 1 ST1, Maple 2
Jabiru 1A, Montara 2, Swift 1, 2
Maret 1
Bilyara 1, 1 ST1, Cash 1 ST1A,
Eclipse 2, Montara 1, 3
Cash 1 ST1A
Rainier 1
Augustus 1, Eclipse 2, Medusa 1
Octavius 2
Audacious 1, East Swan 1, Jabiru 1A, Skua 2, Swallow 1
Maret 1, Oliver 1 ST1
Pengana 1
Anson 1, Parry 1
Maple 1
Brontosaurus 1 ST1, Tancred 1
Cassini 1 ST1, Challis 1, 2A, Talbot 1, 2 ST1
Clairault 1
Barracouta Shoal Formation
Oliver Formation
Oliver Formation (Oliver Sandstone Member)
Prion Formation
Hibernia Formation
Hibernia Formation (Grebe Sandstone Member)
Johnson Formation
Puffin Formation
Fenelon Formation
Brown Gannet Limestone
Woolaston Formation
upper Jamieson Formation
lower Jamieson Formation
Echuca Shoals Formation
upper Vulcan Formation
lower Vulcan Formation
Montara Formation
Plover Formation
Nome Formation
Challis Formation
Pollard Formation
Osprey Formation
Fishburn Formation
Ascalon Formation
Mairmull Formation
Penguin Formation
Tern Formation
Dombey Formation
Cape Hay Formation
Pearce Formation
Torrens Formation
Fossil Head Formation
Woodbine Group
Bathurst Island Group
Swan Group
Troughton Group
Sahul Group
Mount Goodwin Subgroup
Hyland Bay Subgroup
Kinmore Group
PP-3989-10
Sandstone
Clayey sandstone
Claystone
Sandy claystone
Limestone
Chalk
Oil discovery
Gas discovery
Oil and gas discovery
Oil discovery and gas show
Oil and gas show
Oil show
Gas show