

TABLES 11-12

TABLE 11-PGE carbides, carbonaceous compounds, and organometallics

P

Iron humate crusts on Pt nuggets	Freise 1933	Brazil	Y	N
Readily extractable organic Pd and Pt in soils	Fuchs & Rose 1974	USA	Y	N
High Pd tree sample	Fuchs & Rose 1974	USA	Y	N
PGE-amines, purines, etc.	Westland 1981	(theoretical)	Y	N
Colloidal inorganic Pt in bituminous coal	Chyi 1982	USA	Y	N
Pd-Pt in thucholite determined by PIXE	Przybylowicz et al. 1990	Poland	Y	N
U-Au-Pt-Ni bitumens	Kucha 1993	Poland	Y	Y
Long chain & benzenic rings determ. in Pt-Pd thucholite(?)	Kucha 1993	Poland	Y	Y
Pt-, Pd-organometallic comp. in clay-organic matrix	Kucha et al. 1993	Poland	Y	Y
Organic fraction in PGE-enriched laterite	Bowles et al. 1995	Sierra Leone	Y	N
Pt ₂ C ₃ rimming Rh-bearing Pt-Fe	Tolstykh et al. 1996	Russia	Y	Y
PGE coal	Oman et al. 1997	USA	Y	N
Graphite-like carbon. matter with up to 10 ppm PGE	Distler et al. 1998	Russia	Y	N
Pd-Pt-Hg-Au-S-containing bitumen	Jedwab et al. 1999	USA	Y	Y
U-Au-Pt-Ni bitumens	Kucha & Przyb. 1999	Poland	Y	Y
High Pd-conc. in carbon. schists without discr. partic.	Wilde et al. 2003	Australia	Y	N

TABLE 12-BLACK CRUSTS

P

Black platinum (distinguished from grey platinum)	Berzelius 1819	(no locality)	Y	N
Steel grey to silver white Pt altered to dull brown.	Rose 1842	Russia	Y	N
Black Pt nuggets	Muchin 1842	Russia	Y	N
Fe-Pt black crusts on platinum	Kokscharow 1866	Russia	Y	N
Brown crusts on gold yielding a Pd-reaction	Hussak 1906	Brazil	Y	N
Pt nuggets coated with a blackish film	Logan 1918	USA	Y	N
Black crusts on mamillary platinum	Duparc & Tikon. 1920	Russia; Spain	Y	N
Black crusts on Pt "probably due to a Mn-Fe ox."	Guimaraes 1958	Brazil	Y	N
Crust on native platinum determined as Fe-hydroxide	Urashima et al. 1974	Ethiopia	Y	Y
Dark grey oxidation product on genkinite	Cabri et al. 1977	S.Africa	Y	Y
Black oxide crust on osmium	Goldenberg 1988	Germany	Y	N
Spongy rims of Fe-Pt on Pt-Fe nuggets	Borg 1997	Russia	Y	Y