

TABLES 1-2-3

TABLE 1-Native PGE, alloys, sulfides, etc. (primary, with incipient oxidation evidenced by incompatible elements, or secondary, after oxide or organometall. reduction)

			#	P
Native Pt formed by reduction	Parnell 1988	USA	Y	Y
Trace amounts of Ti in native Pt and in Pt-Cu	Jedwab 1995	D.R.Congo	Y	Y
Ru-, Ru-Os-Ir- and Pd-Ru-Os-Ir-primary minerals	Garuti & Zaccarini 1997	Greece	Y	Y
progressively oxygenated with addition of Fe, Cu,...	"	"	"	"
Rosette-shaped, oxygen deficient Pd-O and native Pd	Cabral & Kwitko 2004	Brazil	Y	Y
Native Pd formed by dehydroxylation of Pd-O-H	Cabral et al. 2004	Brazil	Y	Y

TABLE 2-Simple Pd-dominant (oxi)(hydr)oxides

			#	P
"Palladinite" [pure Pd oxide, Fe overlooked]	Shepard 1857	Brazil	Y	N
Pd-ochre, Pd-oxide, Pd-oxydul=Shepard's palladinite	Dana 1857; 1858	Brazil	Y	N
Pd-rich black oxide	Derricks & Vaes, 1956	D.R.Congo	Y	N
Palladite [according to Vernadsky=palladinite]	Timofeeva 1968; 1975	Uzbekistan	Y	N
Pd-Hg oxide	Clark et al.1974	Brazil	Y	N
Pd-Cu oxide differing from palladinite by optical prop.	Davis et al.1977	Brazil	Y	N
(Pd,Cu)O _{quadr.} (=palladinite)	Jedwab et al.1993	D.R.Congo;Brazil	Y	N
Pd-Cu oxides	Olivo et al.1994	Brazil	Y	Y
Cu ₂ PdO ₃ and Cu ₃ Pd ₂ O ₇	Dennis et al. 1994	Australia	Y	N
(Pd,Cu)O	Olivo & Gammons, 1996	Brazil	Y	Y
(Cu,Pd)O=Pd-tenorite	Elvy et al. 1998	Australia	Y	N
(Pd,Cu)O quadr. [=palladinite]	Jedw. & Cassedanne1998	Brazil	Y	Y
PdO.(H ₂ O) _n and Pd(OH) ₂	McDonald et al. 1999a	Madagascar	Y	Y
Pd(OH) ₂	McDonald et al. 1999b	S. Africa	Y	Y
Pd(OH) ₂ , PdO.H ₂ O and (Pd,Cu,Mn,Hg)O	Cabral et al. 2001	Brazil	Y	Y
Pd-O phase	Cabral et al. 2002	Brazil	Y	Y
Pd-O-H phase	Cabral et al. 2004	Brazil	Y	Y

TABLE 3-Simple Pt-dominant (oxi)(hydr)oxides

			#	P
Hematite-looking Pt compound	Lampadius & Plattner 1833	Brazil	Y	N
Pt ₃ O ₂ and Pt ₂ O ₃ (with unaccounted Fe)	Weiser 1992	Burma	Y	Y
PtO, PtO ₂ , Pt(OH) ₂ and PtO.H ₂ O	McDonald et al. 1999b	S. Africa	Y	Y
Pt-oxide/hydroxide(s)	Evans 2002	Zimbabwe	Y	Y