BOTTOM ($B = \pm1$)	$I(J^P)$
• $B^{\pm}$	$1/2(0^-)$
• B^0	$1/2(0^-)$
• B^*	$1/2(1^-)$
BOTTOM, STRANGE ($B = \pm1$, $S = \mp1$, $C = 0$)	
• B_s^0	$0(0^-)$
B_s^*	$?(?^?)$
$c\overline{c}$	**$I^G(J^{PC})$**
• $\eta_c(1S) = \eta_c(2980)$	$0^+(0^{-+})$
• $J/\psi(1S) = J/\psi(3097)$	$0^-(1^{--})$
• $\chi_{c0}(1P) = \chi_{c0}(3415)$	$0^+(0^{++})$
• $\chi_{c1}(1P) = \chi_{c1}(3510)$	$0^+(1^{++})$
$h_c(1P)$	$?^?(?^{??})$
• $\chi_{c2}(1P) = \chi_{c2}(3555)$	$0^+(2^{++})$
$\eta_c(2S) = \eta_c(3590)$	$?^?(?^{?+})$
• $\psi(2S) = \psi(3685)$	$0^-(1^{--})$
• $\psi(3770)$	$?^?(1^{--})$
• $\psi(4040)$	$?^?(1^{--})$
• $\psi(4160)$	$?^?(1^{--})$
• $\psi(4415)$	$?^?(1^{--})$

$b\overline{b}$	$I^G(J^{PC})$
• $\Upsilon(1S) = \Upsilon(9460)$	$?^?(1^{--})$
• $\chi_{b0}(1P) = \chi_{b0}(9860)$	$?^?(0^{++})^\dagger$
• $\chi_{b1}(1P) = \chi_{b1}(9890)$	$?^?(1^{++})$
• $\chi_{b2}(1P) = \chi_{b2}(9915)$	$?^?(2^{++})$
• $\Upsilon(2S) = \Upsilon(10023)$	$?^?(1^{--})$
• $\chi_{b0}(2P) = \chi_{b0}(10235)$	$?^?(0^{++})^\dagger$
• $\chi_{b1}(2P) = \chi_{b1}(10255)$	$?^?(1^{++})^\dagger$
• $\chi_{b2}(2P) = \chi_{b2}(10270)$	$?^?(2^{++})^\dagger$
• $\Upsilon(3S) = \Upsilon(10355)$	$?^?(1^{--})$
• $\Upsilon(4S) = \Upsilon(10580)$	$?^?(1^{--})$
• $\Upsilon(10860)$	$?^?(1^{--})$
• $\Upsilon(11020)$	$?^?(1^{--})$
NON-$q\overline{q}$ CANDIDATES	
Non-$q\overline{q}$ Candidates	

See also the table of suggested $q\overline{q}$ quark-model assignments in the Quark Model section.

• Indicates particles that appear in the preceding Meson Summary Table. We do not regard the other entries as being established.

† Indicates that the value of J given is preferred, but needs confirmation.