TABLE 6

Qualitative Definitions for "L" Subclasses

Subclass (1)	Spectral Characteristics[a] (2)	Example (3)
L0	VO 7400, 7900 Å at its strongest — 7800-8000 Å portion of spectrum is flat TiO 8432 Å depth similar to both CrH 8611 Å and FeH 8692 Å TiO 7053 Å present at high signal-to-noise but weak Rb I and Cs I doublets weakly visible but strengthening	2MASP J0345432+254023
L1	TiO 8432 Å, CrH 8611 Å, and FeH 8692 Å have nearly equal strength with FeH deeper than CrH, and CrH deeper than TiO VO 7400, 7900 Å weakening, with 7800-8000 Å portion of spectrum slightly sloped Na I doublet weakening TiO 7053, 8432 Å weakening Rb I and Cs I doublets strengthening K I line cores broadening	2MASS J1439284+192915
L2	TiO 8432 Å much weaker than CrH 8611 Å or FeH 8692 Å, with FeH deeper than CrH K I line cores still visible and still broadening TiO 8432 Å weaker and TiO 7053 Å vanished VO 7400, 7900 Å weakening more — 7800-8000 Å portion of spectrum distinctly sloped Na I weakening; Rb I and Cs I still strengthening	Kelu-1
L3	K I still broadening with cores still weakly visible VO 7900 Å barely present as slight depression in "continuum" between 7800 and 8200 Å TiO 8432 Å still weakening Na I still weakening; Rb I and Cs I still strengthening	2MASS J1146345+223053
L4	K I wings are very broad and line cores no longer visible CrH 8611 Å equal in strength to FeH 8692 Å VO 7900 Å vanished (no depression visible at all between 7800 and 8200 Å) TiO 8432 Å still weakening Na I still weakening; Rb I and Cs I still strengthening	2MASS J1155009+230706
L5	CrH 8611 Å now stronger than FeH 8692 Å TiO 8432 Å very weak K I even more broadened Na I still weakening; Rb I and Cs I still strengthening	DENIS-P J1228.2−1547
L6	TiO 8432 Å barely perceptible K I broader FeH 8692, 9896 Å and CrH 8611 Å weakening with CrH 8611 Å deeper than FeH 8692 Å Na I still weakening; Rb I and Cs I still strengthening	2MASS J0850359+105716

TABLE 6—*Continued*

Subclass (1)	Spectral Characteristics[a] (2)	Example (3)
L7	TiO 8432 Å virtually gone FeH 8692, 9896 Å and CrH 8611 Å still weakening with CrH 8611 Å still deeper than FeH 8692 Å K I even broader Rb I and Cs I still strengthening Na I still weakening	DENIS-P J0205.4−1159
L8	FeH 8692, 9896 Å very weak CrH 8611 Å still weakening though still stronger than FeH 8692 Å K I even broader Rb I and Cs I still strengthening Na I barely perceptible	2MASS J1632291+190441

[a]Relative depths of bands refer to spectra with absolute flux calibration (F_λ) like those in Fig. 7 and 8.