

**Figure 12-1**

We present here a composite BALQSO spectrum averaged over all objects and all epochs. The normalized intensity spectrum of each object was weighted equally (regardless of S/N), so as not to bias the composite. For comparison, the LBQS (Large, Bright Quasar Survey) composite QSO spectrum (as presented in Francis *et al.* 1991), is also shown. Both spectra are in rest frame wavelengths. Prominent emission lines are labeled in the LBQS spectrum and marked in the BALQSO spectrum. The positions of strong BALs are also indicated in the BALQSO spectrum.

The continuation of this figure shows the red portion of the composites. For rest wavelengths beyond about 3400Å, the only BALQSO spectra available are for the low-redshift ( $z_e \simeq 0.29$ ), low-ionization BALQSO PG 1700+518. The strong Fe II emission in this object is unusual for AGNs and high-ionization BALQSOs, but may be common in low-ionization BALQSOs (see text for details). Note that the lines near the marked positions of [O III] in the BALQSO spectrum are due mostly to iron.