Found existing split dataset. Loading splits...

Calculating class weights for balanced sampling...

Data loaders are ready.

/tmp/ipykernel\_36/3615881870.py:190: FutureWarning: `torch.cuda.amp.GradScaler(args...)` is deprecated. Please use `torch.amp.GradScaler('cuda', args...)` instead.

scaler = torch.cuda.amp.GradScaler(enabled=USE\_MIXED\_PRECISION)

Epoch 1/10 | Train Loss: 0.9808 Acc: 0.6818 | Val Loss: 0.5143 Acc: 0.8060

Epoch 2/10 | Train Loss: 0.4789 Acc: 0.8428 | Val Loss: 0.5361 Acc: 0.8025

Epoch 3/10 | Train Loss: 0.3280 Acc: 0.8916 | Val Loss: 0.3695 Acc: 0.8826

Epoch 4/10 | Train Loss: 0.2663 Acc: 0.9142 | Val Loss: 0.3435 Acc: 0.8932

Epoch 5/10 | Train Loss: 0.2109 Acc: 0.9325 | Val Loss: 0.3714 Acc: 0.8897

Epoch 6/10 | Train Loss: 0.1808 Acc: 0.9428 | Val Loss: 0.2998 Acc: 0.9004

Epoch 7/10 | Train Loss: 0.1654 Acc: 0.9428 | Val Loss: 0.2986 Acc: 0.9021

Epoch 8/10 | Train Loss: 0.1568 Acc: 0.9466 | Val Loss: 0.3051 Acc: 0.9110

Epoch 9/10 | Train Loss: 0.1303 Acc: 0.9611 | Val Loss: 0.3943 Acc: 0.8986

Epoch 10/10 | Train Loss: 0.1105 Acc: 0.9603 | Val Loss: 0.4448 Acc: 0.8968

Training complete.

Done. Executed notebook saved as 'train\_convnext\_executed.ipynb'