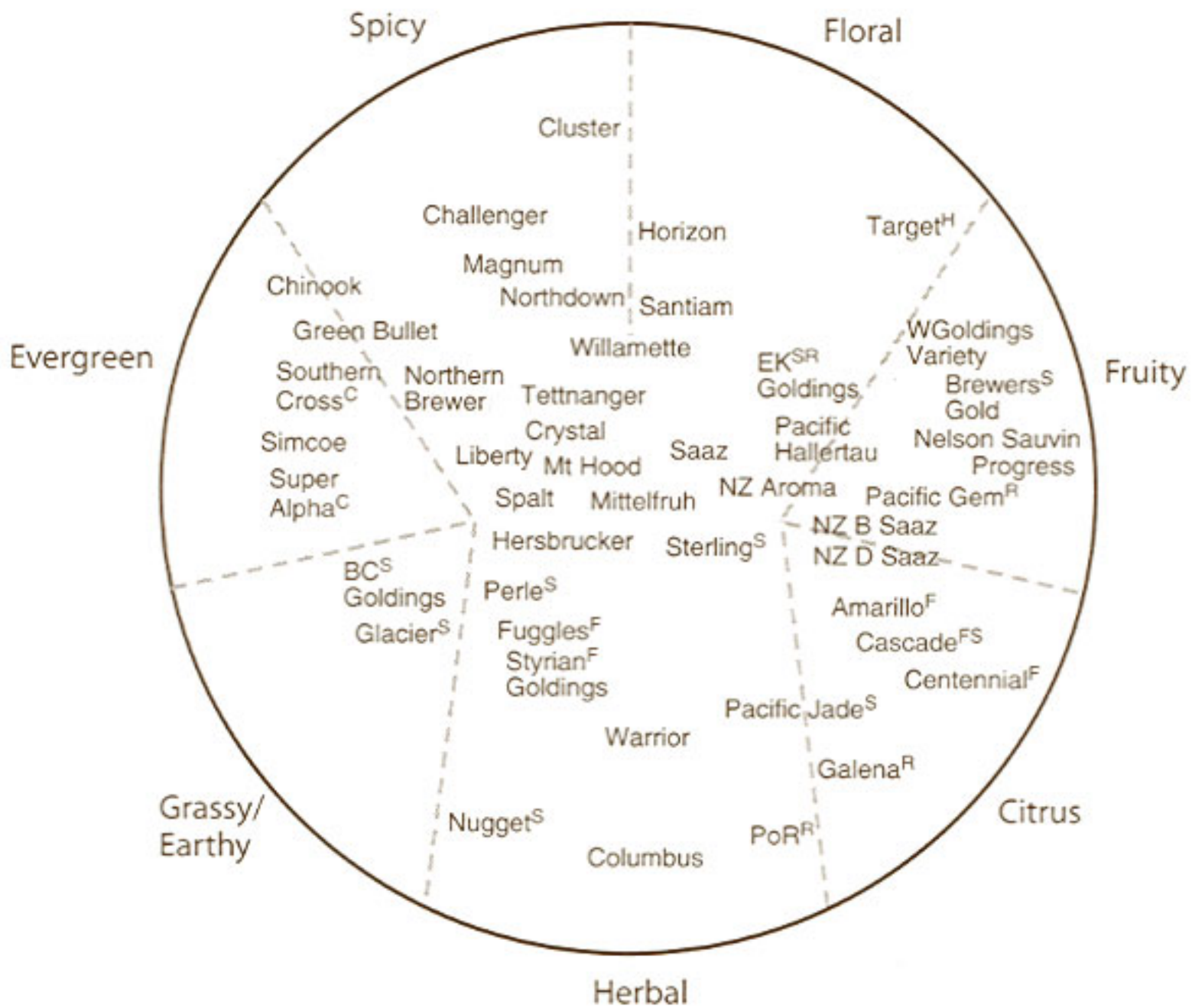


Category	English Hop Varieties	European Hop Varieties	American Hop Varieties	Pacific Hop Varieties
General Character	Herbal, Earthy, Fruity	Floral, Spicy, Evergreen	Citrus, Herbal, Spicy	Fruity, Citrus, Floral
Substitution Group A	East Kent Goldings Fuggles Styrian Goldings Target	Hallertauer Mittelfruh Tettnang Spalt Saaz Hersbrucker	Crystal Mt. Hood Liberty Sterling Willamette Horizon Santiam	NZB Saaz NZD Saaz Pacific Hallertau NZ Hallertau Aroma
Substitution Group B	Challenger Northdown	Perle Northern Brewer Magnum	BC Goldings Glacier Chinook Cluster Simcoe	
Substitution Group C	West Goldings Variety Brewers Gold Progress		Amarillo Cascade Centennial	Nelson Sauvignon Pacific Gem Pacific Jade
Substitution Group D			Columbus Warrior Nugget Galena	Super Alpha Green Bullet Southern Cross Pride of Ringwood

BREWING CLASSIC STYLES



^F Also Floral	^U Also Fruity	^C Also Citrus	^H Also Herbal
^R Also Grassy/Earthy	^V Also Evergreen	^S Also Spicy	

Hop Character Wheel