# **Common ferns at the Hoyt Arboretum!**

## Fronds 1x pinnately divided





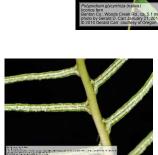


### Sword fern – Polystichum munitum

- Evergreen
- Vase-shaped/clumped
- Fronds 1x pinnate
- Sword-hilts ("thumbs") at pinna base
- Umbrella-like indusia (stalked from the middle)









#### Licorice fern – Polypodium glycyrrhiza

- Epiphytes!
- Deciduous
- 1x pinnate
- Circular sori, no indusia!
- Rhizome with a licorice-like taste





### Deer fern – Blechnum spicant

- Evergreen
- Fronds taper at both ends
- Vase-shaped
- Fronds 1x pinnate
- Dimorphic leaves!
- Sterile: at base, flat, cardboard-like
- Fertile: upright, elongate sori



# **Common ferns at the Hoyt Arboretum!**

## Fronds 2x to 3x pinnately divided, or palmate-pinnately divided



### Lady fern - Athyrium felix-femina

- Deciduous
- Vase-shaped/clumped at base
- Fronds are ellipsoid in shape
- 2x pinnate
- Sori with crescent-shaped indusia





#### Maidenhair fern – Adiantum aleuticum

- Deciduous
- Upright, black/dark-brown stipes
- Fronds palmate-pinnately divided
- Pinnae with dichotomous veins
- Pinna edges curl to form a false-indusium over sori
- Common in wet areas



### Bracken fern – Pteridium aquilinum

- Widespread, common, everywhere!
- Spreads by rhizomes, single upright fronds
- Deciduous
- Broad, triangular-outline of fronds
- Fronds 2x to 3x pinnate
- Pinna edges curl
- Sori form a continuous band along pinna outline (when present)
- Fiddleheads edible, large quantities toxic



