

"NATURE DISCOVERY WALK"

Whites Hill - Pine Mountain Community Group

Junior Bushcare Naturalists

Friday January 23, 2026

"Friends of Whites Hill Reserve"

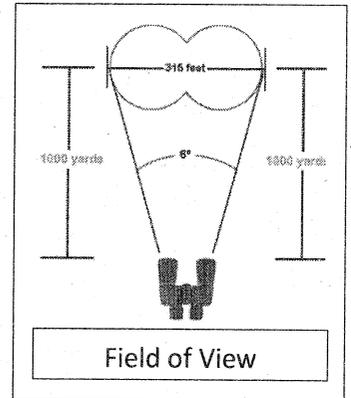


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5d.) Binoculars

- 8 x 32 binoculars = 8 times magnification with 32mm objective [front] lens diameter
- A wider objective lens lets in more light = better seeing, BUT bigger lens means more weight
- Field of View (FOV) is width of your view @ 1000m, higher magnification = lower FOV
- Best birding binoculars have good magnification + High FOV

Activity	Magnification	Lens Diameter (mm)
Bird watching	7x, 8x, 10x	32, 42, 50
Wildlife viewing	8x, 10x	32, 42
Stargazing	10x	42, 50
Sporting Events	6x, 7x, 8x, 10x, 12x	25, 28, 32, 42



Using binoculars

- If you wear glasses, rotate the eyepieces or folding back the rubber, to bring the lens closer to your eye. Test binoculars with and without your glasses.
- Adjust the binoculars on the centre hinge until you can see clearly through both sides.
- With the right eye closed, focus using the left eye on something about six metres away.
- With the left eye closed, adjust the focus on the right eyepiece using the diopter adjustment. Try with two eyes. Both should see a clear image. Practice focusing on objects at different distances.
- To look at a bird, hold the binoculars at chest height and find the bird with the naked eye. Look for movement.
- Keep your eyes on the bird, lift the binoculars and place them in front of your eyes pointing at the bird so it will be in sight. Focus to get the clearest view. This requires practice.
- Clean the lens with a soft brush and a lens cloth only. Clean the body with a damp cloth.

Birds Queensland <https://birdsqueensland.org.au/>

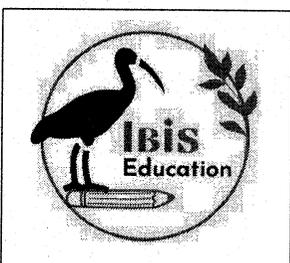
field guides & apps <https://birdsqueensland.org.au/what-bird-is-this/field-guides-and-references>

"A Selection of Queensland Birds"

https://birdsqueensland.org.au/downloads/qld_birds_select_brochure.pdf

'birdlife Australia' <https://birdlife.org.au/groups/birdlife-southern-qld/>

Xeno Canto audio recordings <https://xeno-canto.org/collection/spotlight/86>



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