

# OPTICS TRADE

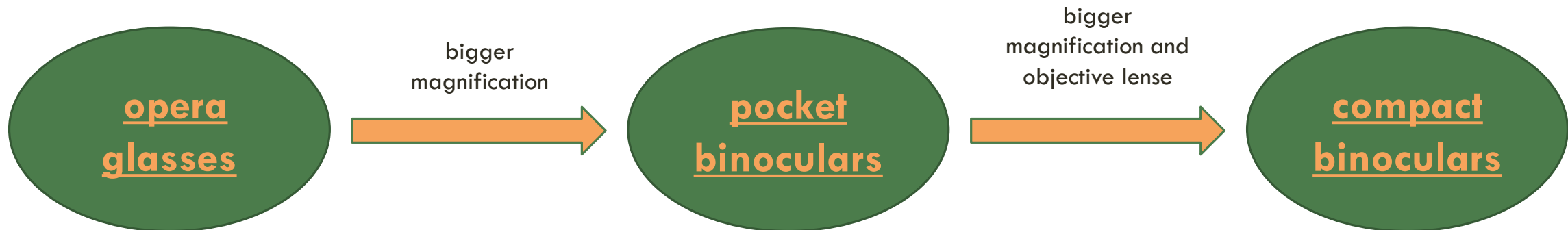
POCKET BINOCULARS

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- Very small, lightweighted, easy to hold in hands
- Normally feature roof prism system → better optical technology
- Since they are meant for outdoor activities, they are waterproof and fog-proof

### Pocket binoculars properties:

- **20mm** or **26mm** lens diameter
- **8x** or **12x** magnification



# COMPACT VS. POCKET BINOCULARS

## Compact binoculars:

- Lens diameter bigger than **30mm**
- More demanding to put into pocket
- Not so small
- **One fold** mechanism
- More comfortable

## Pocket binoculars:

- Lens diameter between **20mm** or **26mm**
- Small, easy to hold in hands and carry around the neck
- **Two fold** mechanism
- Hard to use when wearing **glasses**

# POCKET BINOCULARS FOR BIRDWATCHING

- Pocket binoculars are not the first choice among birders
- Biggest advantage: easy to carry them in your pocket
- **8x** magnification binoculars are better than **10x** choice → smaller and easier to hold

# LEICA POCKET BINOCULARS

Leica features two series of pocket binoculars:

→ **Ultravid:** extremely small and has a dual-hinge design

→ **Trinovid:** more entry level

- Both have superior optics in a pocket format

# SWAROVSKI POCKET BINOCULARS

- Only one series of Swarovski pocket binoculars on the market: CL pocket
- It features two configurations:

**8x25**



**10x25**



# ZEISS POCKET BINOCULARS

- Zeiss pocket binoculars are the latest among all the brands because they came last on the market
- They have a unique design with an interesting **central bridge** - the hinge is not symmetrical since the binoculars are folded so that the central focus knob is on the side
- Available in **8x25** and **10x25**

- Zeiss Victory Pocket 10x25





# ROOF PRISMS IN POCKET BINOCULARS

- Normally feature **roof** prisms, instead of **porro** prisms



- provide compact design due to the straight-line position of eyepieces and objective lenses



- Too big for pocket binoculars
- Produce brighter, sharper and more realistic 3D images.

- **Dual hinge** instead of **one hinge** mechanism → can be folded way closer than one hinge binoculars, which enables the user to simply store them in a pocket of a small space

- One hinge vs. dual hinge binoculars





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