

“There’s an app for that.”

Obviously, using your phone to chat or text while you’re hiking or riding your bike is behavior we would discourage under all but the most emergency situations. However, your smartphone or tablet can be a valuable planning and tracking tool before and after your excursion and be a learning tool to boot.

As we discovered during the months of the COVID-19 pandemic in 2020, technology was both a lifeline to staying connected with family and friends during restrictive times and a source of information on how to access the outdoors. It also made it possible for many of us to learn where we could go in the parks and forests to access the kind of (permitted and encouraged)

outdoor exercise that made it possible to overcome the stress and uncertainty we all faced.

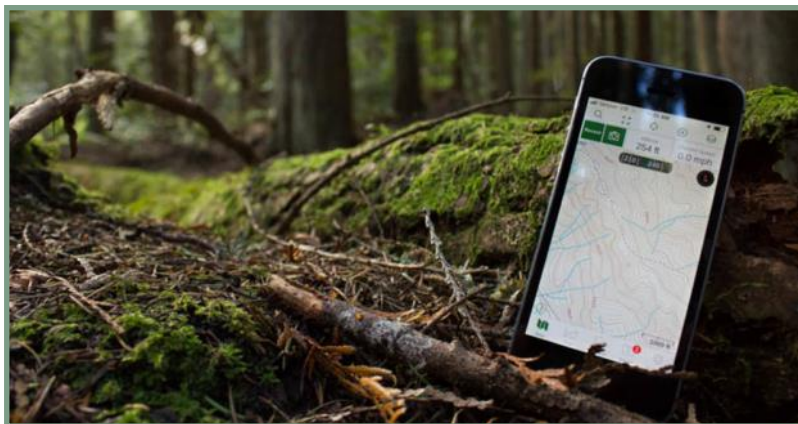
Under any circumstances (not just pandemic ones), a good app can connect a user to an understanding of the natural world—think bird

or plant identification guides—or help someone become a citizen scientist through recording observations while enjoying a favorite park or forest.

Your fitness may be improved through the use of an app that keeps track of your miles traveled and help other, similarly-inclined enthusiasts find and enjoy a favorite place.

Keep your own counsel (and notes) about your adventures, or share them with the world at

large. However you might choose to put technology to use, we think you’ll find that there’s a downloadable tool for your favorite outdoor pursuit.



If YOUR favorite app is not included in our list, please feel free to share with us on our social media ([Facebook.com/PAParksandForests](https://www.facebook.com/PAParksandForests), twitter.com/PAPFF, or [Instagram.com/PAParksandForests](https://www.instagram.com/PAParksandForests)) or email us at office@paparksandforests.org.

The apps on the following pages are sorted by “Subject.” The chart includes the app’s primary use, on which platform (AS=Apple’s App Store or GP=Android’s Google Play) you will find it, its cost, the average user rating on both AS and GP and an associated website where applicable.

App Name	About	Use	Available	Price	Rating	Website
Audubon Bird Guide	Birds	Identification	AS/GP	Free	4.25/5	audubon.org/app
Birds PRO HD	Birds	Identification	AS	\$10.99 w In-App Purchases	5/5	
BirdsEye	Birds	GPS	AS/GP	Free w In-App Purchases	4/5	birdseyebirding.com/apps/birdseye/
ChirpOMatic	Birds	Identification	AS	\$3.99	4.5/5	chirpomatic.com
eBird	Birds	Identification	AS/GP	Free	4/5	ebird.org/home
iBird	Birds	Identification	AS/GP	\$14.99 w In-App Purchases	4.5/5	ibird.com
Merlin Bird ID	Birds	Identification	AS/GP	Free	4.75/5	merlin.allaboutbirds.org
NWF Guide to Birds	Birds	Identification	AS	\$9.99	5/5	nwf.org
BoatUS	Boating	Water	AS/GP	Free	5/5	boatus.com
Navionics Boating Marine & Lakes	Boating	Water	AS/GP	Free w In-App Purchases	3.5/5	navionics.com/usa/apps/navionics-boating
Out & About	Booking	GPS	AS/GP	Free	3.25/5	
ReserveAmerica Camping	Booking	Discovery	AS/GP	Free	4.5/5	reserveamerica.com/showPage.do
Recreation.gov	Booking	Discovery	AS/GP	Free	5/5	recreation.gov/mobile-app
Yonder	Booking	Discovery	AS/GP	Free	4.75	yonder.com
NWF Guide to Butterflies	Bugs	Identification	AS	\$9.99	4/5	nwf.org
NWF Guide to Insects & Spiders	Bugs	Identification	AS	\$9.99	3.5/5	nwf.org
Picture Insect: Bug Identifier	Bugs	Identification	AS/GP	Free w In-App Purchases	4/5	pictureinsect.com
Agents of Discovery	Educational	Kids	AS/GP	Free	3.5/4	agentsofdiscovery.com
Just Ahead	Educational	GPS	AS/GP	Free w In-App Purchases	4.5/5	justahead.com
Map of Life	Educational	Identification	AS/GP	Free	3.75/5	mol.org/mobile/#/0/4
Google Lens	Exploration	Identification	AS through Google App for GP	Free	4.5/5	
Pokemon Go	Exploration	Discovery	AS/GP	Free w In-App Purchases	4/5	pokemongolive.com
Fish Deeper	Fish	Fishing	AS/GP	Free w In-App Purchases	3.5/5	deepersonar.com.usen_us/home
Fish Rules	Fish	Fishing	AS/GP	Free w In-App Purchases	4.25/5	fishrulesapp.com
FishAngler	Fish	Fishing	AS/GP	Free	4.75/5	fishangler.com
Fishbrain	Fish	Fishing	AS/GP	Free w In-App Purchases	4.35/5	fishbrain.com
Fishidy	Fish	GPS	AS/GP	Free w In-App Purchases	3.35/5	fishidy.com
Fishing Points	Fish	Fishing	AS/GP	Free w In-App Purchases	4.5/5	fishingpoints.app
FishTrack	Fish	Fishing	AS/GP	Free w In-App Purchases	4/5	benefits.fishtrack.com/fishtrack_app

App Name	About	Use	Available	Price	Rating	Website
iAngler Tournament	Fish	Fishing	AS/GP	Free	3.75/5	ianglertournament.com
Ikijime Tool Extreme	Fish	Fishing	GP	\$4.78	4.15/5	
Pro Angler	Fish	Fishing	AS/GP	Free w In-App Purchases	3.5/5	proangler.us
Edible and Medicinal Plants	Food	Survival	GP	Free	3.5/5	
Forager Diary	Food	Survival	AS	Free	4/5	
Forager's Buddy	Food	Survival	GP	Free	3.5/5	
Wild Edibles Forage	Food	Survival	AS	\$5.99	3.5/5	wildmanstevebrill.com/mobile-app
PocketTransity	Geology	Identification	GP	Free	4.5/5	
Rockd	Geology	Identification	AS/GP	Free	4.25/5	rockd.org
A-GPS Tracker	GPS	GPS	GP	Free w In-App Purchases	4.5/5	
A-GPS Tracker++	GPS	GPS	GP	Free w In-App Purchases	4.5/5	
Commander Compass	GPS	GPS	AS	\$5.99 w In-App Purchases	5/5	happymagenta.com/compass
Commander Compass Go	GPS	GPS	AS	Free w In-App Purchases	4.5/5	happymagenta.com/compass
Flyover Country	GPS	GPS	AS/GP	Free	4/5	flyovercountry.io
Gaia GPS	GPS	GPS	AS/GP	Free w In-App Purchases	4.75/5	gaiagps.com
GeoCaching	GPS	Discovery	AS/GP	Free w In-App Purchases	4.75/5	geocaching.com/account/welcome
Google Street View	GPS	GPS	AS/GP	Free	4/5	
GPS Essentials	GPS	GPS	GP	Free w In-App Purchases	4.25/5	gpsessentials.com
GPS tools	GPS	GPS	AS/GP	Free w In-App Purchases	4.5/5	gpstools.app
Green Tracks	GPS	GPS	GP	Free	4.75/5	
HERE WeGo	GPS	GPS	AS/GP	Free	4/5	wego.here.com
Karta GPS	GPS	GPS	AS/GP	Free w In-App Purchases	4.5/5	kartagps.com
Maprika	GPS	GPS	AS/GP	Free	3.75/5	maprika.com
Nature Passport	GPS	GPS	AS/GP	Free	4.5/5	naturepassport.org
PeakVisor	GPS	GPS	AS/GP	\$4.99 Android, Free w In-App Purchases iPhone	4.25/5	peakvisor.com/index_2_en.html
Polaris GPS	GPS	GPS	GP	Free w In-App Purchases	4.5/5	
Scout GPS	GPS	GPS	AS/GP	Free w In-App Purchases	3.5/5	scoutgpslink.com
Spyglass	GPS	GPS	AS/GP	Free Android, \$5.99 iPhone	4.5/5	happymagenta.com/spyglass
Waypoint EDU	GPS	Discovery	AS	Free w In-App Purchases	4.5/5	waypointedu.com
Critter Trax Lite	Hunting	Identification	AS	Free	2.5/5	
Fishing & Hunting Solunar Time	Hunting	Outdoors	AS/GP	Free w In-App Purchases	4.5/5	fhstime.com
OnX Hunt	Hunting	GPS	AS/GP	Annual membership (\$99/\$30)	4.4/5	onxmaps.com/hunt/app

App Name	About	Use	Available	Price	Rating	Website
Animated Knots	Knots!	Survival	AS/GP	\$4.99	4.75/5	animatedknots.com
Fishing Knots	Knots!	Survival	AS/GP	Free	4.5/5	
How to Tie Knots-3D animated	Knots!	Survival	GP	Free	4.5/5	
Knot Guide	Knots!	Survival	AS	\$2.99 w In-App Purchases	5/5	
Knot Guide	Knots!	Survival	AS	\$2.99 w In-App Purchases	5/5	
Knot Guide (Lite)	Knots!	Survival	AS	Free w In-App Purchases	4/5	
Knot Guide Lite	Knots!	Survival	AS	Free w In-App Purchases	4/5	
Knots 3D	Knots!	Survival	AS/GP	\$5.99	5/5	knots3d.com
Useful Knots	Knots!	Survival	GP	Free	4.5/5	
BigMagnify Free	Magnify	Discovery	AS	Free w In-App Purchases	4.5/5	
BackCountry Navigator PRO	Maps	GPS	GP	\$14.99 w In-App Purchases	4/5	backcountrynavigator.com
BackCountry Navigator XE	Maps	GPS	GP	Free w In-App Purchases	4/5	backcountrynavigator.com
Google Earth	Maps	GPS	AS/GP	Free	4.05/5	earth.google.com/web
Google Maps	Maps	GPS	AS/GP	Free w In-App Purchases	4.25/5	google.com/maps
Komoot	Maps	GPS	AS/GP	Free w In-App Purchases	4.75/5	komoot.com
Maps 3D Pro	Maps	GPS	AS	\$3.99 w In-App Purchases	4.5/5	movingworld.de
MountainHub	Maps	Discovery	AS/GP	Free	4.75/5	mountainhub.com/explore
MTN HUB	Maps	Discovery	AS/GP	Free	3.75/5	mountainhub.com/explore
OsmAnd (Offline Maps, Travel & Navigation)	Maps	GPS	AS/GP	Free w In-App Purchases	4.5/5	osmand.net
OsmAnd+ (Offline Maps, Travel & Navigation)	Maps	GPS	GP	\$19.99 w In-App Purchases	4.5/5	osmand.net
Ramblr	Maps	GPS	AS/GP	Free w In-App Purchases	4.5/5	ramblr.com
Earth 3D World Atlas	Maps	GPS	AS/GP	\$2.99 w In-App Purchases	4.25/5	
Buddhify	Meditation	Therapy	AS/GP	\$3.99 Android, \$4.99 iPhone	4.75/5	buddhify.com
Calm	Meditation	Therapy	AS/GP	Free w In-App Purchases	4.5/5	calm.com
Headspace	Meditation	Therapy	AS/GP	Free w In-App Purchases	4.75/5	headspace.com
Insight Timer	Meditation	Therapy	AS/GP	Free w In-App Purchases	5/5	insighttimer.com
Walking Meditation	Meditation	Therapy	AS/GP	\$1.99	4.25/5	headspace.com/meditation/walking-meditation
PeakFinder	Mountains	Identification	AS/GP	\$4.99	4.5/5	peakfinder.org/mobile
Mushroom Identifier	Mushrooms	Identification	AS/GP	Free w In-App Purchases	4.25/5	
NWF Guide to Mushrooms	Mushrooms	Identification	AS	\$9.99	4.5/5	nwf.org

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Shroomify	Mushrooms	Identification	AS/GP	Free w In-App Purchases	4.5/5	foragers-friend.com
Biba Playground Games	Nature	Kids	AS/GP	Free w In-App Purchases	4/5	playbiba.com
Monkey Spot Scavenger Hunts	Nature	Kids	AS	Free w In-App Purchases	5/5	monkeybarcollective.com/monkey-spot
Nature Cat's Great Outdoors	Nature	Kids	AS/GP	Free	4/5	pbskids.org/apps/nature-cats-great-outdoors.html
Nature's Notebook	Nature	Discovery	AS/GP	Free	4.25/5	usanpn.org/natures_notebook
NWF Guide to Amphibians	Nature	Identification	AS	\$9.99	4.5/5	nwf.org
NWF Guide to Mammals	Nature	Identification	AS	\$9.99	4/5	nwf.org
NWF Guide to Reptiles	Nature	Identification	AS	\$9.99	4/5	nwf.org
Plum's Creaturizer	Nature	Kids	AS	Free	4/5	pbskids.org/apps/plums-creaturizer.html
Plum's Photo Hunt	Nature	Kids	AS	Free	4.5/5	pbskids.org/plumlanding/educators/context/plums_photo_hunt.html
Teletubbies Playground Pals	Nature	Kids	AS/GP	Free w In-App Purchases	4.25/5	playbiba.com
National Park Service	Parks	GPS	AS/GP	Free	4/5	nps.gov/subjects/digital/nps-apps.htm
National Parks Tracker	Parks	GPS	AS/GP	Free	3.8/5	nps.gov/yell/planyourvisit/app.htm
NPS Yellowstone	Parks	GPS	AS/GP	Free	3.25/5	nps.gov/yell/planyourvisit/app.htm
Oh, Ranger! ParkFinder	Parks	GPS	AS	Free	4/5	ohranger.com/app/parkfinder
bloomWatch	Plants	Discovery	AS/GP	Free	3.5/5	cyanos.org/bloomwatch/
British Tree Identification	Plants	Identification	AS/GP	Free	4.5/5	woodlandtrust.org.uk/trees-woods-and-wildlife/british-trees/tree-id-app
FlowerChecker	Plants	Identification	AS/GP	\$0.99 w In-App Purchases	4/5	flowerchecker.com
Garden Answers Plant Id	Plants	Identification	AS/GP	Free w In-App Purchases	4/5	gardenanswers.com
Herbs Dictionary	Plants	Identification	AS/GP	Free w In-App Purchases	4.25/5	
iNaturalist	Plants	Identification	AS/GP	Free	4.25/5	inaturalist.org
LeafSnap-Plant Identification	Plants	Identification	AS/GP	Free w In-App Purchases	4.4/5	
Picture This	Plants	Identification	AS/GP	Free w In-App Purchases	4.75/5	picturethisai.com
PlantNet Plant ID	Plants	Identification	AS/GP	Free	4.5/5	identify.plantnet.org
Plant-O-Matic	Plants	Identification	AS	Free	3/5	

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PlantSnap-identify plants	Plants	Identification	AS/GP	Free w In-App Purchases	4/5	plantsnap.com
PlantSnap Pro: Identify Plants	Plants	Identification	AS/GP	\$19.99	4/5	plantsnap.com
Powerful Plants	Plants	Identification	AS	Free	3.5/5	
Rash Plants	Plants	Identification	AS	Free	4.5/5	
Seek	Plants	Identification	AS/GP	Free	4.75/5	inaturalist.org/pages/seek_app
SmartPlant	Plants	Identification	AS/GP	Free w In-App Purchases	3.25/5	smartplantapp.com
Virginia Tech Tree ID	Plants	Identification	AS/GP	Free	4/5	dendro.cnre.vt.edu/dendrology/main.htm
Cairn	Safety	Survival	AS/GP	Free w In-App Purchases	4.25/5	cairnme.com
First Aid-American Red Cross	Safety	Survival	AS/GP	Free	4.3/5	redcross.org/get-help/how-to-prepare-for-emergencies/mobile-apps.html
My Earthquake Alerts	Safety	Survival	AS/GP	Free	4.5/5	
SAS Survival Guide	Safety	Survival	AS/GP	\$5.99 w In-App Purchases	3/5	
SAS Survival Guide -Lite	Safety	Survival	AS/GP	Free w In-App Purchases	3.75/5	
Cosmic Watch	Stars	Identification	AS/GP	\$4.49 Android, \$6.99 iPhone	5/5	cosmic-watch.com
GoSkyWatch Planetarium	Stars	Identification	AS	\$3.99	5/5	gosoftworks.com/apps/goskywatch
NASA	Stars	Identification	AS/GP	Free	4.75/5	nasa.gov/nasa/app
Night Sky	Stars	Identification	AS	Free w In-App Purchases	4.5/5	
Pocket Universe	Stars	Identification	AS	\$2.99	4.5/5	pocketuniverse.info
Pocket Universe Express	Stars	Identification	AS	Free w In-App Purchases	4.5/5	pocketuniverse.info
SkEye Astronomy Sky Map	Stars	Identification	GP	Free	4.5/5	lavadip.com/skeye/downloads.html
SkEye Pro	Stars	Identification	GP	\$9.99	4.8/5	lavadip.com/skeye/downloads.html
Sky Guide	Stars	Identification	AS	2.99 w In-App Purchases	5/5	fifthstarlabs.com/#sky-guide
Sky Map	Stars	Identification	GP	Free	4/5	
SkySafari	Stars	Identification	AS/GP	Free Android, \$2.99 iPhone	4.5/5	skysafariastromy.com
SkySafari 6 Plus	Stars	Identification	AS/GP	\$14.99 w In-App Purchases	4.3/5	skysafariastromy.com
SkySafari 6 Pro	Stars	Identification	AS/GP	\$39.99 w In-App Purchases	4.5/5	skysafariastromy.com
SkyView	Stars	Identification	AS/GP	\$1.99	4.4/5	
SkyView Lite	Stars	Identification	AS/GP	Free w In-App Purchases	4.25/5	

App Name	About	Use	Available	Price	Rating	Website
SkyWiki	Stars	Identification	GP	Free	4/5	
Solar Walk 2	Stars	Identification	AS/GP	Free w In-App Purchases	4.35/5	vitotechnology.com/apps/solar-walk-2
Solar Walk 2 3D	Stars	Identification	AS/GP	\$2.99	4.5/5	vitotechnology.com/apps/solar-walk-2
Star Chart	Stars	Discovery	AS/GP	Free w In-App Purchases	4.5/5	
Star Rover	Stars	Identification	AS/GP	\$1.99	4.4/5	
Star Walk 2	Stars	Identification	AS/GP	2.99 w In-App Purchases	4.5/5	starwalk.space/en
Stellarium Mobile	Stars	Identification	GP	Free	4.8/5	stellarium-labs.comstellarium-mobile-plus
Stellarium PLUS	Stars	Identification	AS	\$13.99 iPhone	5/5	stellarium-labs.comstellarium-mobile-plus
Charity Miles	Tracking	GPS	AS/GP	Free	4/5	charitymiles.org
Map My Run by Under Armour	Tracking	GPS	AS/GP	Free w In-App Purchases	4.75/5	mapmyrun.com.us
Map My Tracks	Tracking	GPS	AS/GP	Free w In-App Purchases	4/5	mapmytracks.com
MapMyWalk	Tracking	GPS	AS/GP	Free w In-App Purchases	4.75/5	mapmywalk.com
Strava: Run, Ride, Swim	Tracking	GPS	AS/GP	Free w In-App Purchases	4.5/5	strava.com/mobile
AllTrails	Trails	GPS	AS/GP	Free w In-App Purchases	4.5/5	alltrails.com
Bikepacking Guides	Trails	GPS	AS/GP	Free w In-App Purchases	4/5	atlasguides.com
Bivy	Trails	GPS	AS/GP	Free	3.75/5	bivy.com
Chimani National Parks Guide	Trails	GPS	AS/GP	Free w In-App Purchases	3/5	chimani.com
Hiking-Guthook Guides	Trails	GPS	AS/GP	Free w In-App Purchases	4.5/5	atlasguides.com
Hiking Project	Trails	GPS	AS/GP	Free	4.25/5	hikingproject.com
Mountain Project	Trails	GPS	AS/GP	Free	4.5/5	mountainproject.com/mobile-app
MTB Project	Trails	GPS	AS/GP	Free	4.25/5	mtbproject.com
National Park Trail Guide	Trails	GPS	AS/GP	Free	4.5/5	hikingproject.com/nationalparks
OnX Backcountry	Trails	GPS	AS/GP	\$29.99/year	4.0/5	onxmaps.com/backcountry/app
Trail Run Project	Trails	GPS	AS/GP	Free	4.35/5	trailrunproject.com
Trailforks	Trails	GPS	AS/GP	Free w In-App Purchases	2.25/5	trailforks.com/apps/map
TrailLink	Trails	GPS	AS/GP	Free w In-App Purchases	4/5	traillink.com
Outdooractive (Europe)	Trails	GPS	AS/GP	Free w In-App Purchases	4.3/5	outdooractive.com
Walkr-A Gamified Fitness App	Trails	Discovery	AS/GP	Free w In-App Purchases	4.25/5	walkrgame.com/en
City Trees	Trees	Identification	AS	Free	4.5/5	
Identitree Starter Kit	Trees	Identification	AS/GP	Free	4.5/5	
NWF Guide to Trees	Trees	Identification	AS	\$9.99	4/5	nwf.org
TreeQuility	Trees	Therapy	AS/GP	Free w In-App Purchases	5/5	tree-bath.comtreequility

App Name	About	Use	Available	Price	Rating	Website
MSW Surf Forecast	Weather	Weather	AS/GP	Free w In-App Purchases	4.5/5	magicseaweed.com/app
Sailflow	Weather	Weather	AS/GP	Free	4.25/5	sailflow.com
UVLens	Weather	Weather	AS/GP	Free	3.5/5	uvlens.com
Weather Bug	Weather	Weather	AS/GP	Free w In-App Purchases	4.5/5	weatherbug.com/appdownload
Weather Live	Weather	Weather	AS/GP	Free w In-App Purchases	4.25/5	apalon.comweather_live.html
iTrack Wildlife Lite	Wildlife	Identification	AS/GP	Free	2.5/5	naturetracking.com/itrack-wildlife
iTrack Wildlife Pro	Wildlife	Identification	AS/GP	\$14.99	4.25/5	naturetracking.com/itrack-wildlife

List developed by Angelica Brill, PPFF's summer intern from Penn State University in 2021. Angelica is a double-major at PSU concentrating in Community, Environment, and Development and Spanish.

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The mission of the Pennsylvania Parks and Forests Foundation is to inspire stewardship of Pennsylvania's state parks and forests.

Vision: To be the trusted voice and advocate to sustain and enhance Pennsylvania's state parks and forests.

Since 1999, the Pennsylvania Parks and Forests Foundation has acted as the official non-profit partner of Pennsylvania's state parks and forests. Building a volunteer base, funding innovative programs in education and recreation, working with the Department of Conservation and Natural Resources, and speaking out (and helping you speak out) in support of our public lands takes many forms and lots of hours and enthusiasm. We have **them**. We need **you**!

Please join us!

MEMBERSHIP SUITS ME FINE! Please sign me up.

Name: _____

Address: _____

Telephone: _____ **Email:** _____

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☐ Student/Senior \$20
☐ Regular \$25
☐ Family \$35
☐ Enthusiast \$50

- ☐ Steward \$100
☐ Protector \$250
☐ Conservationist \$500

- ☐ Additional Donation \$ _____
Total Enclosed \$ _____

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