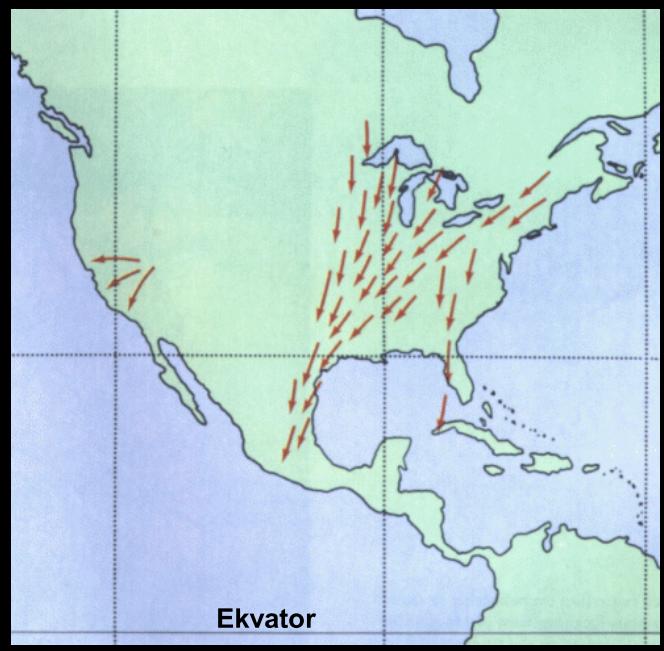
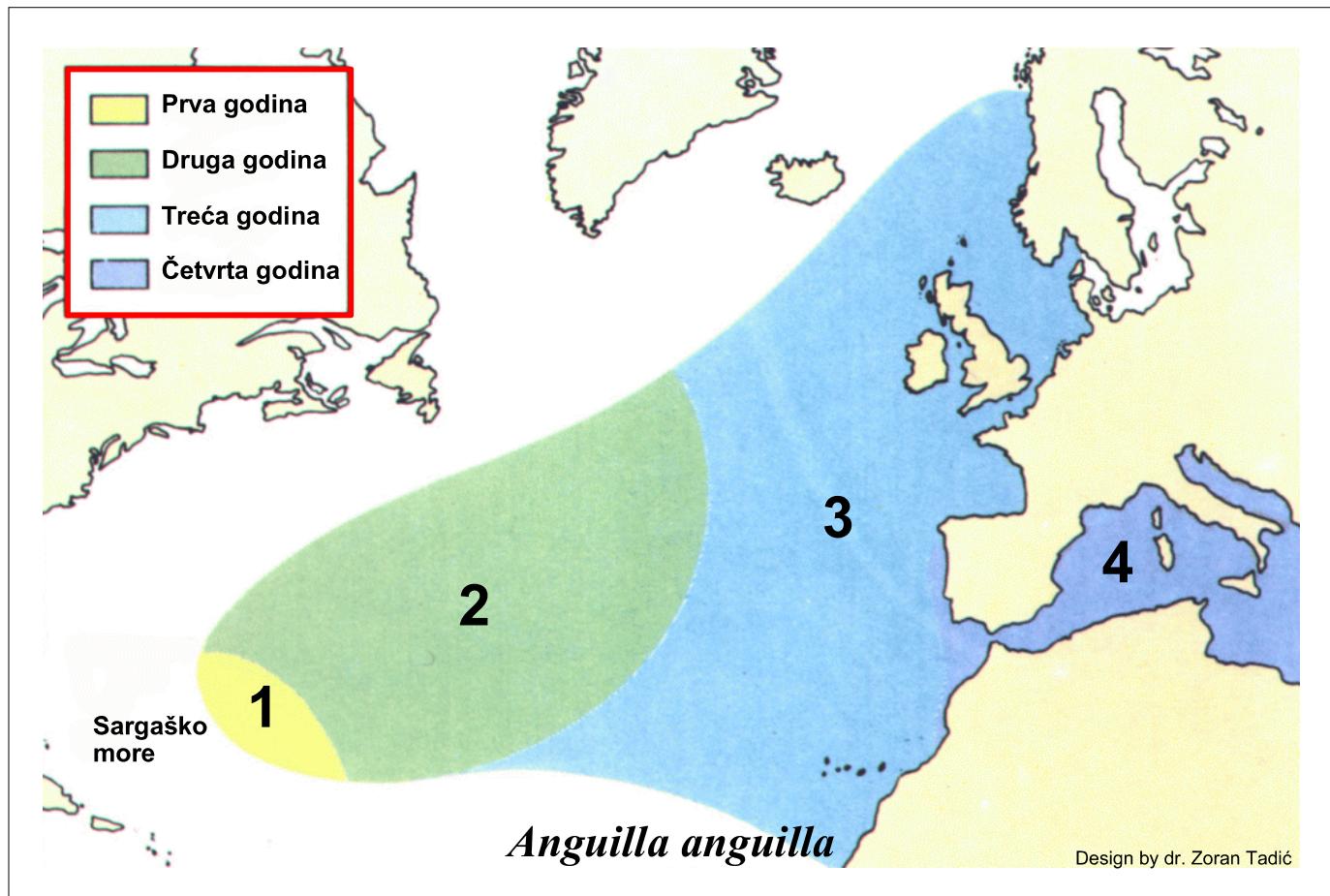
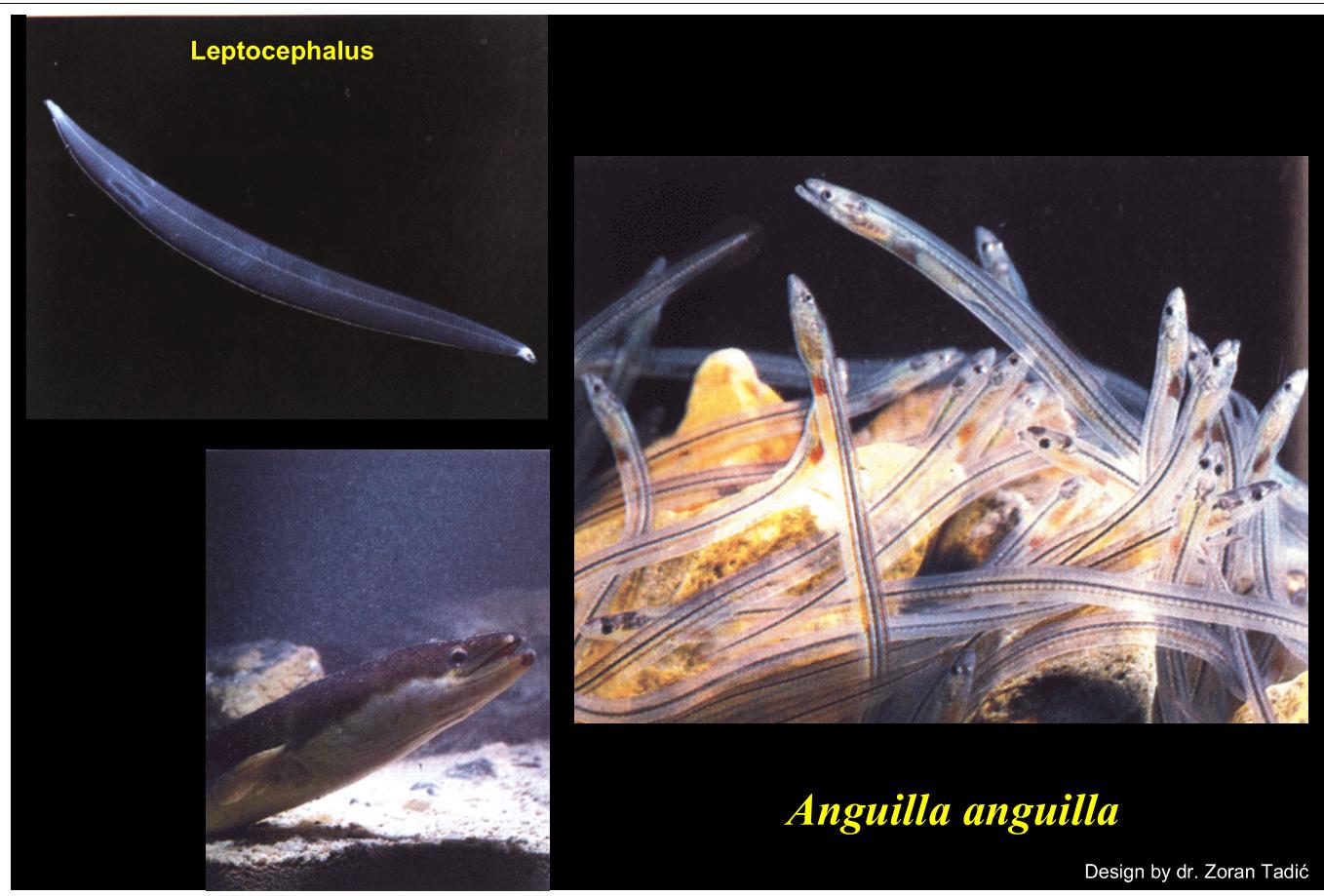


Orijentacija i navigacija



Danaus plexippus

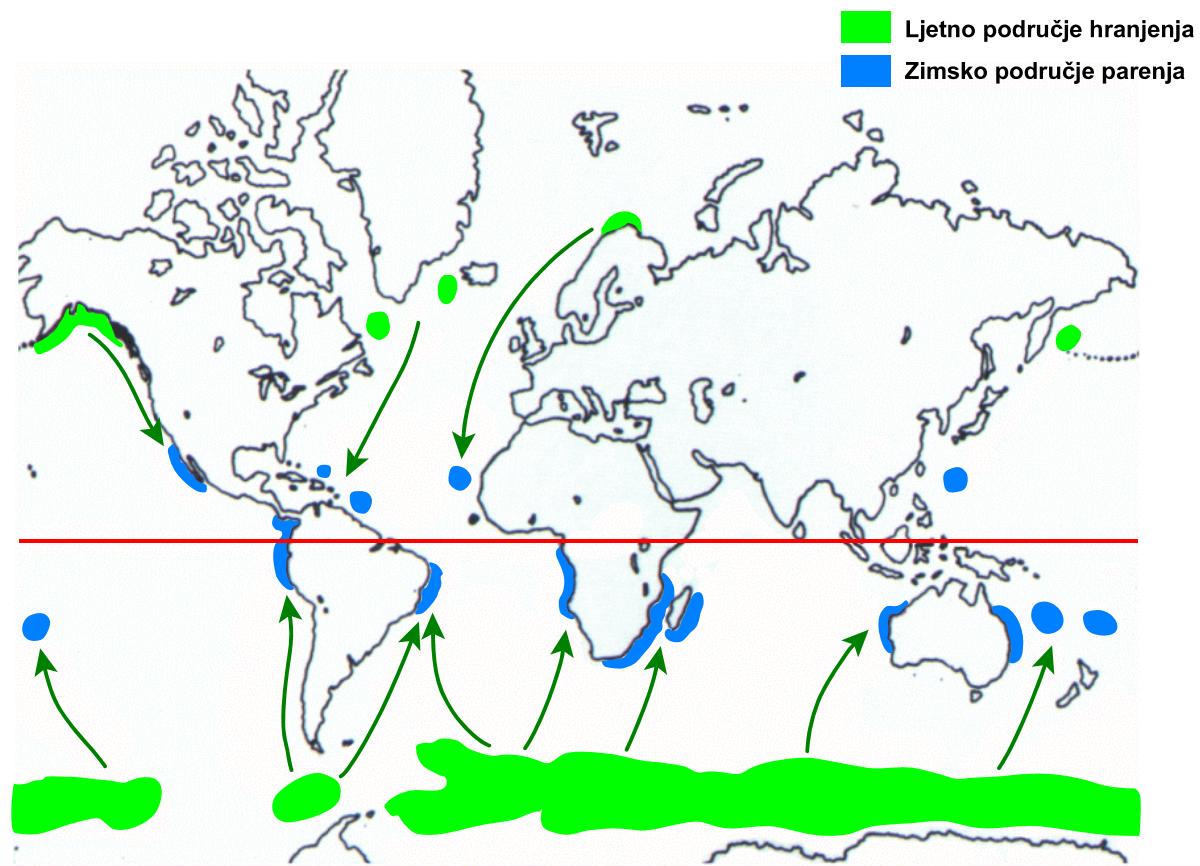




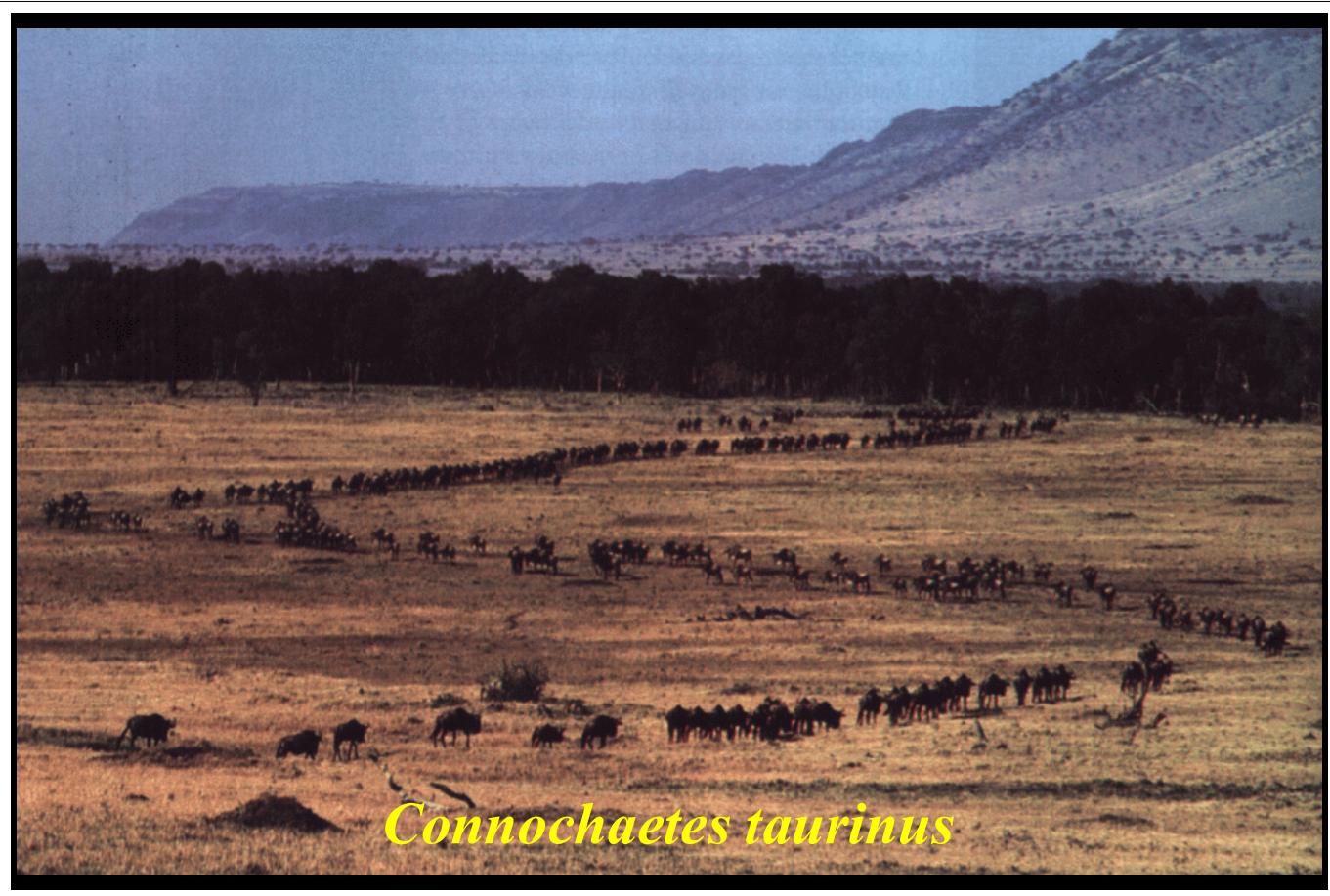


Salmo salar

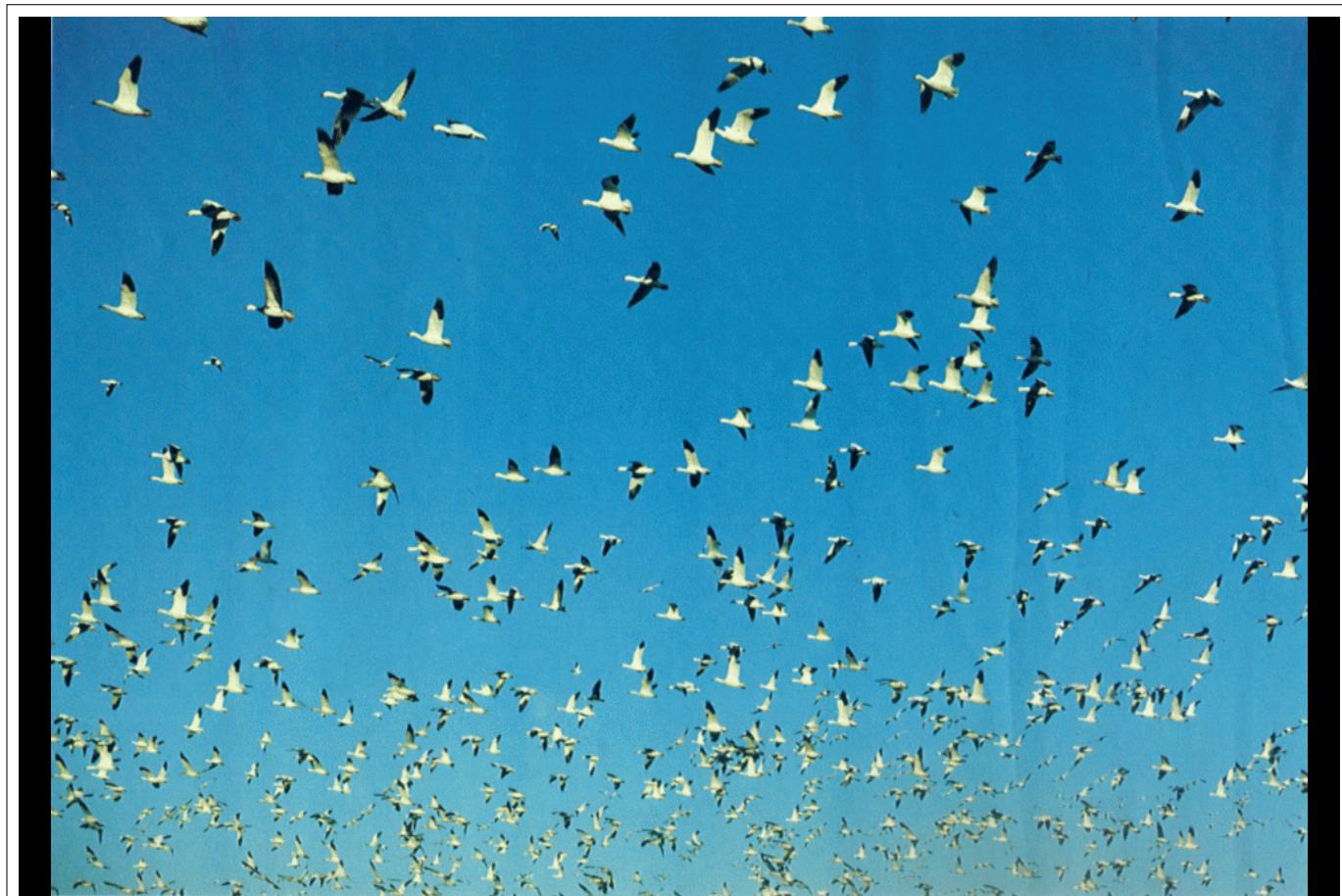
Design by dr. Zoran Tadić



Design by dr. Zoran Tadić



Connochaetes taurinus





Diomedea exulans

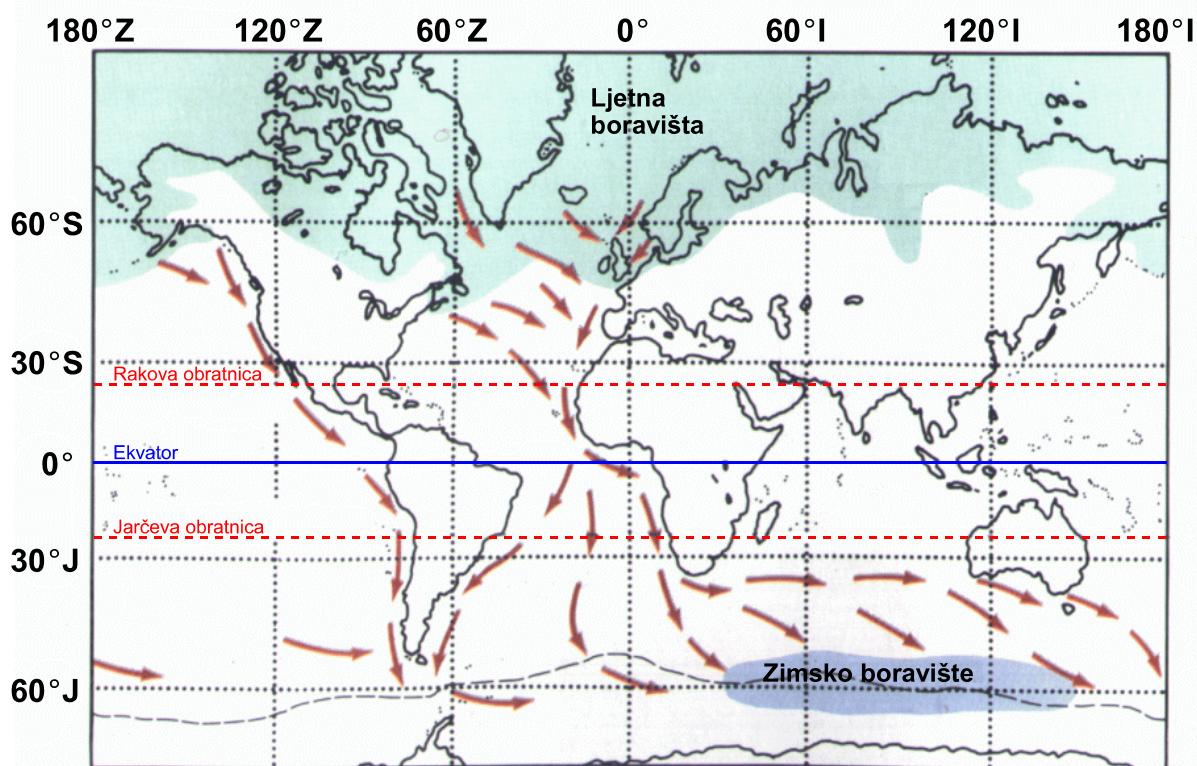


Design by dr. Zoran Tadić



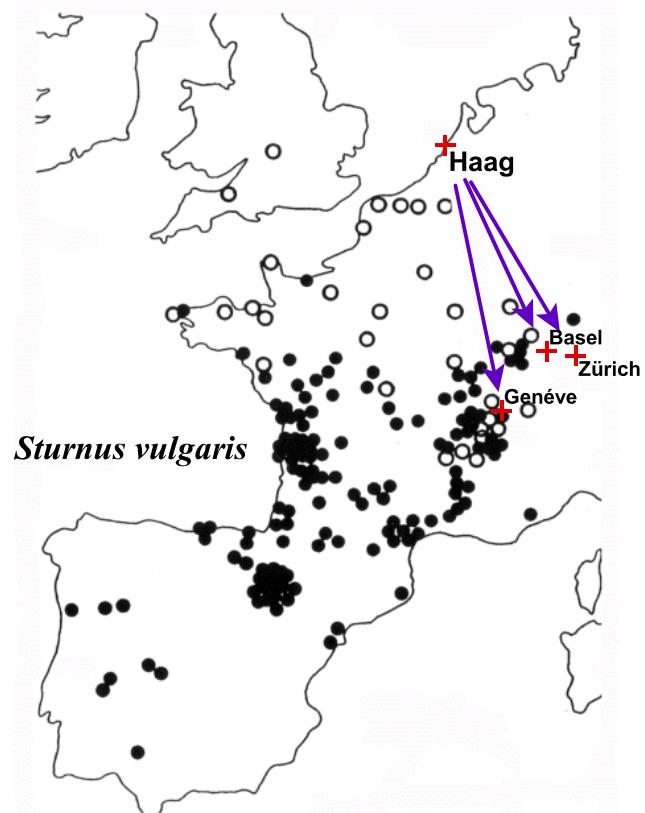
Sterna paradisaea

Arktička čigra (*Sterna paradisea*)



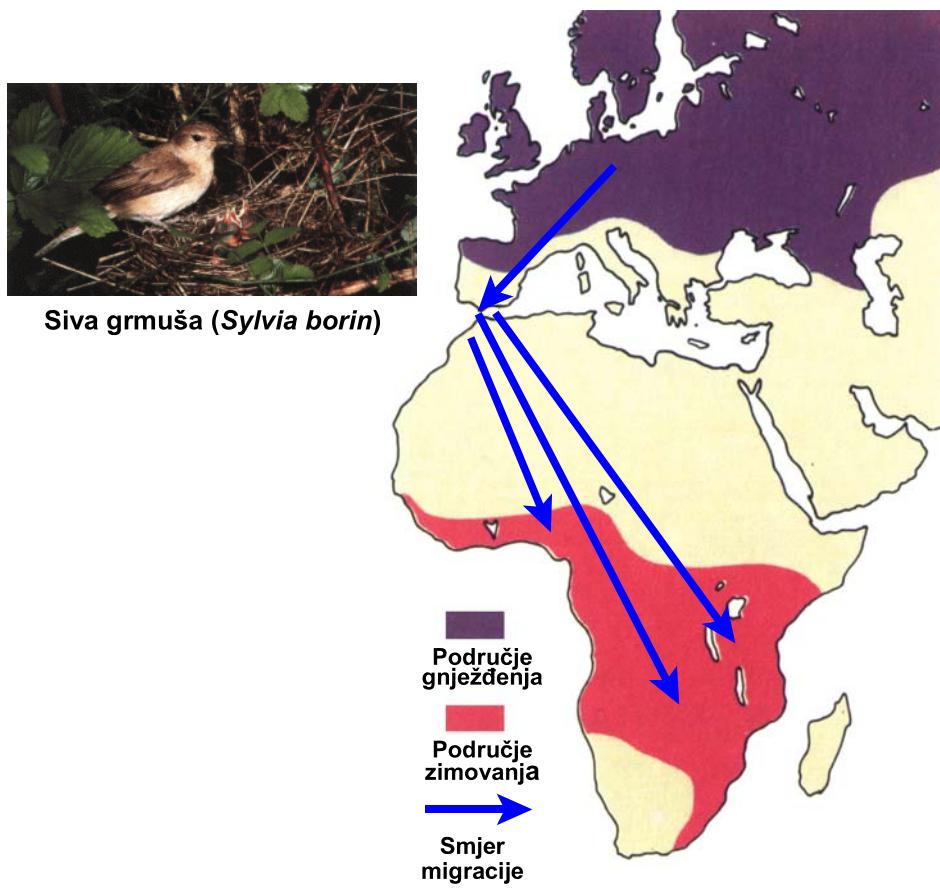
Design by dr. Zoran Tadić



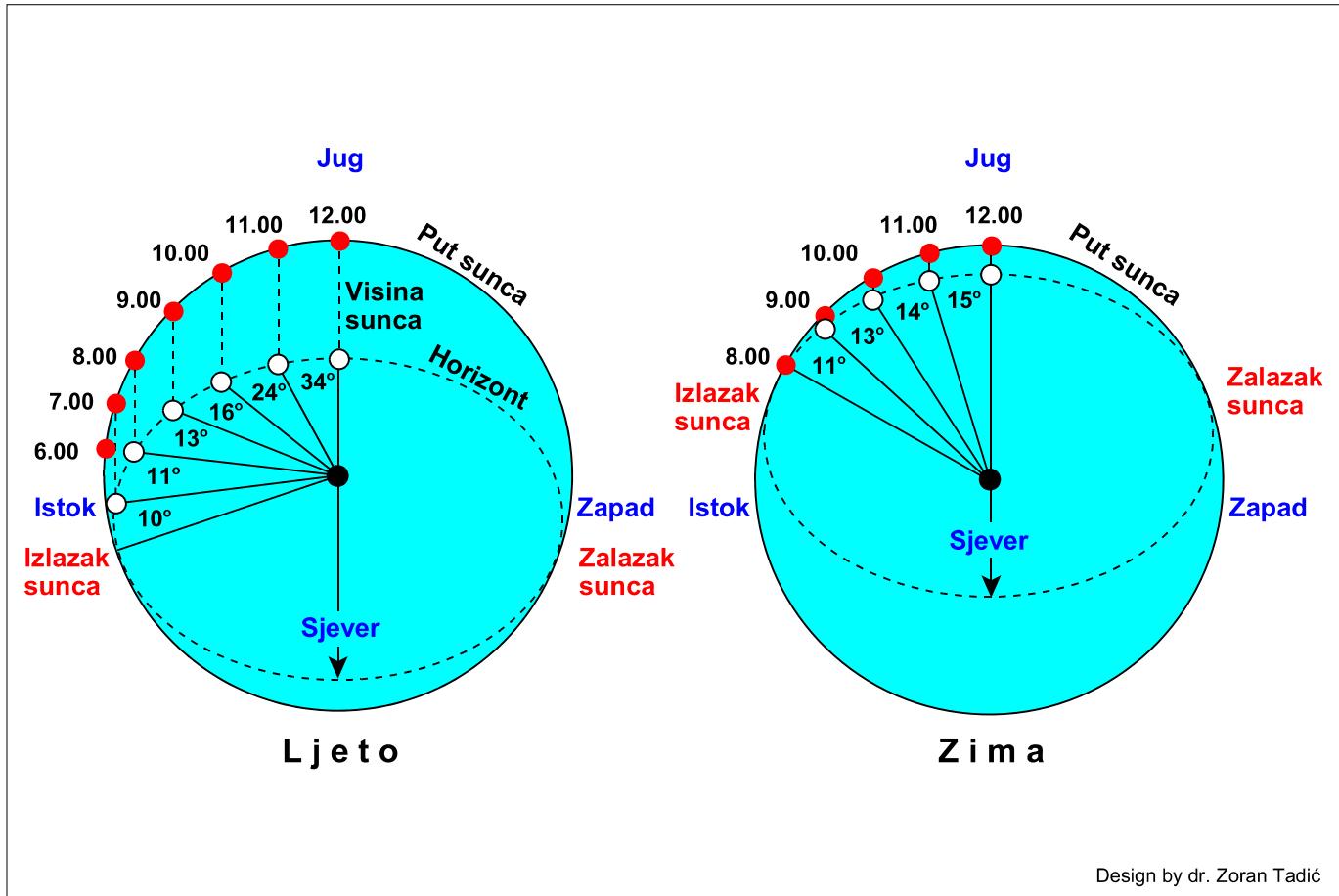
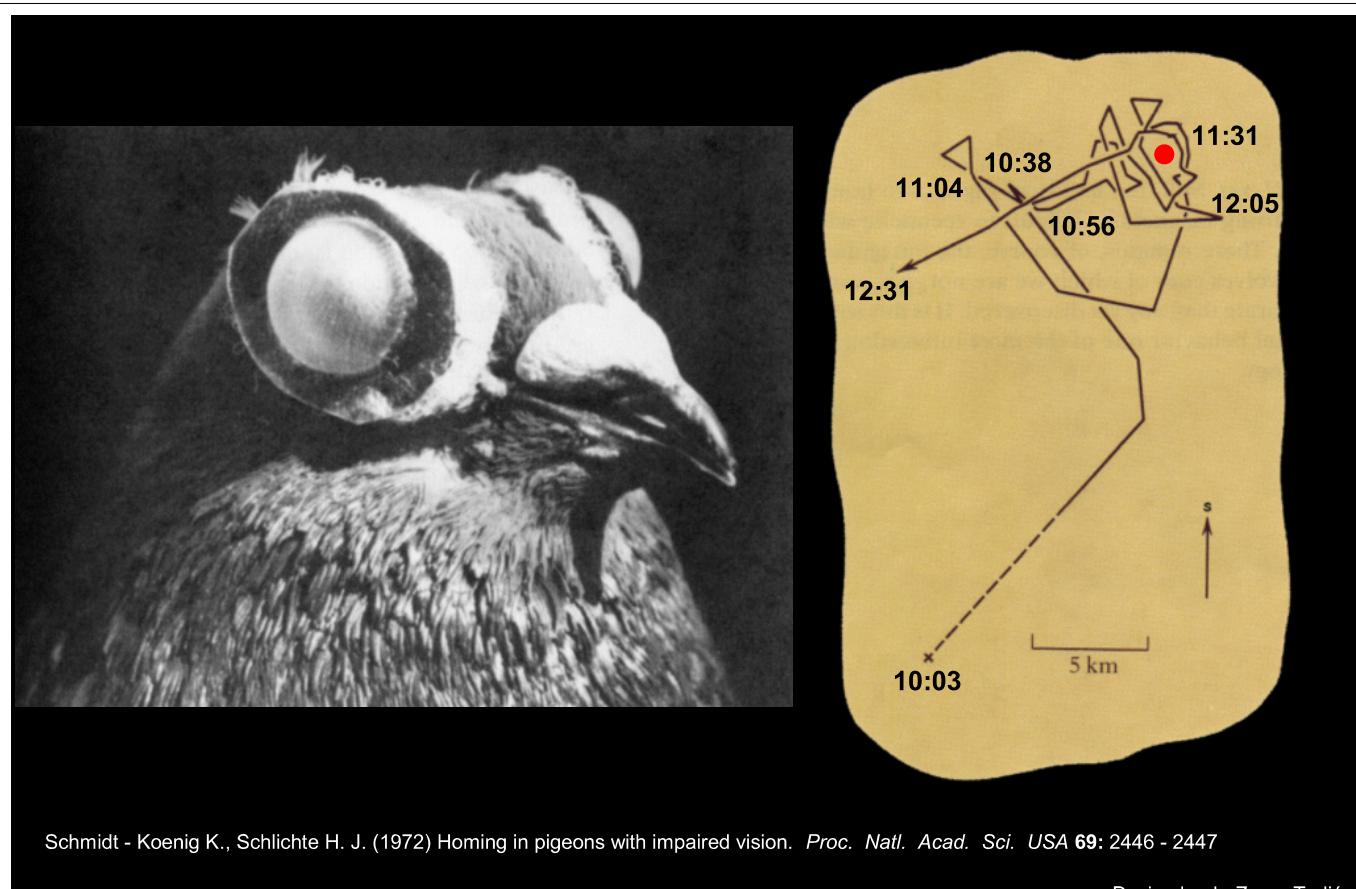


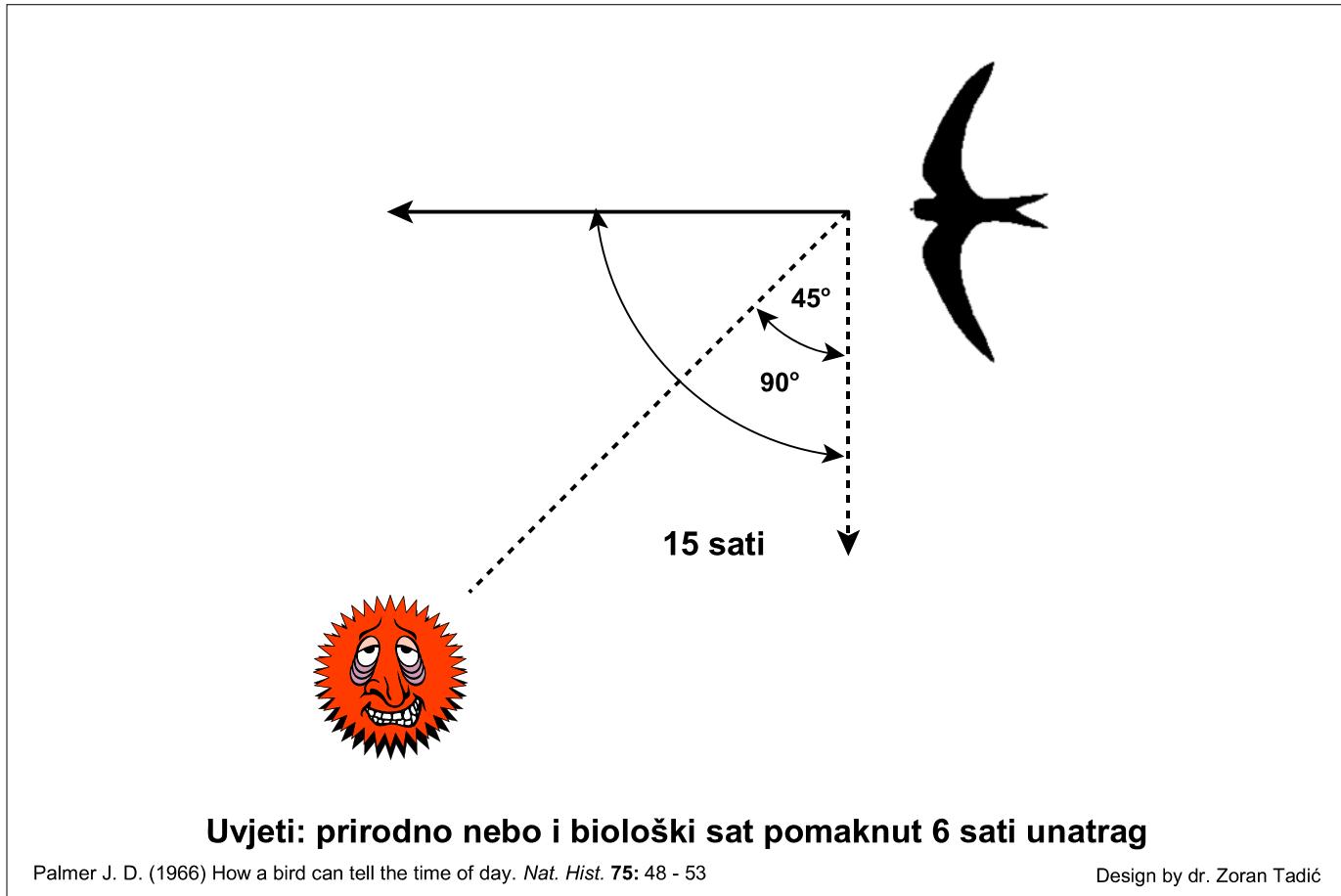
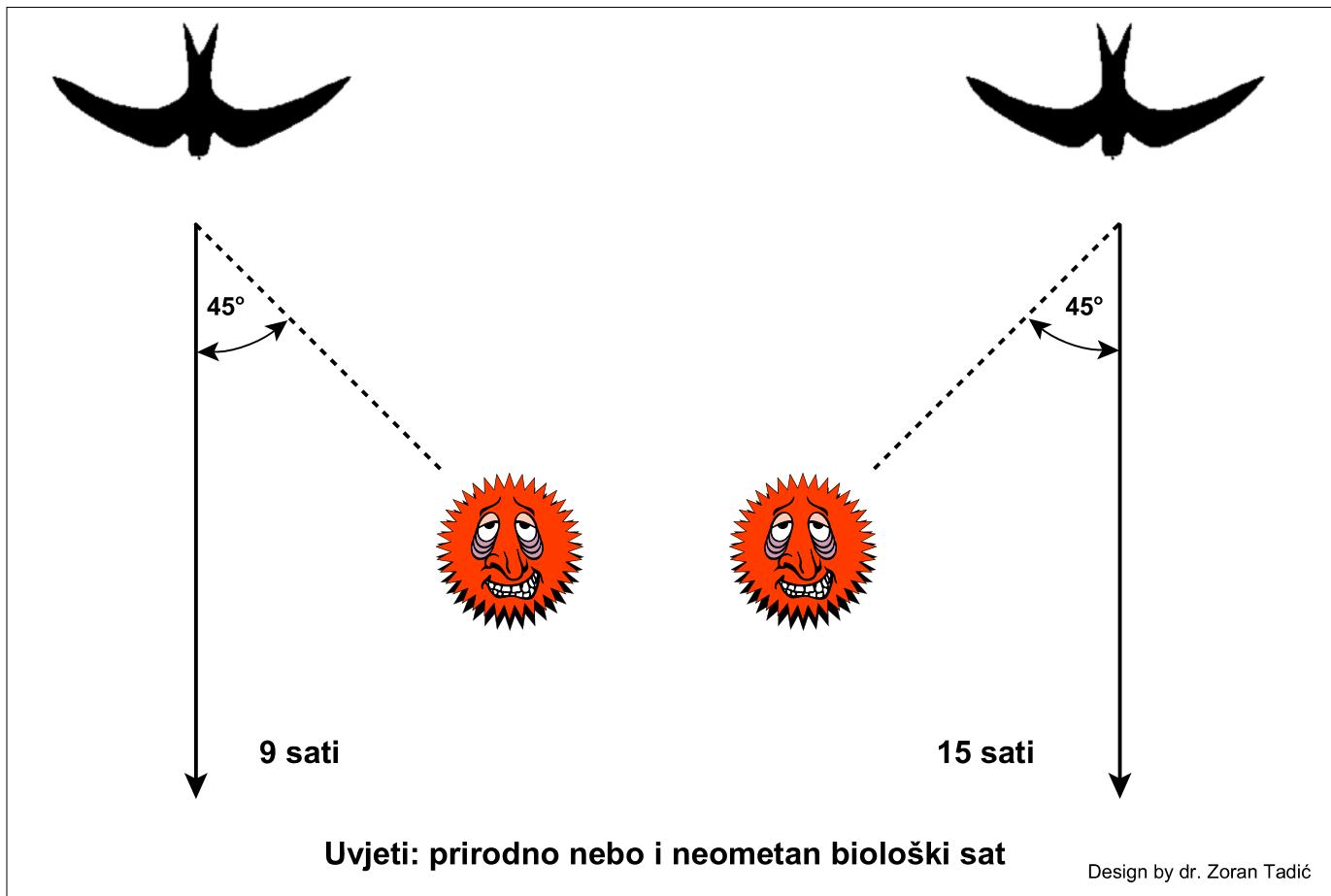
Perdeck A. C. (1958) Two types of orientation in migrating *Sturnus vulgaris* and *Fringilla coelebs*, as revealed by displacement experiments.
Ardea 46: 1 - 37

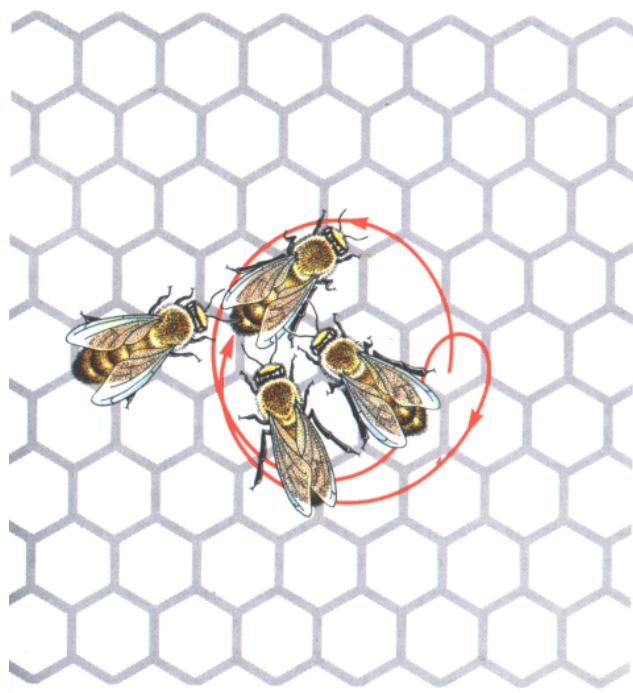
Design by dr. Zoran Tadić



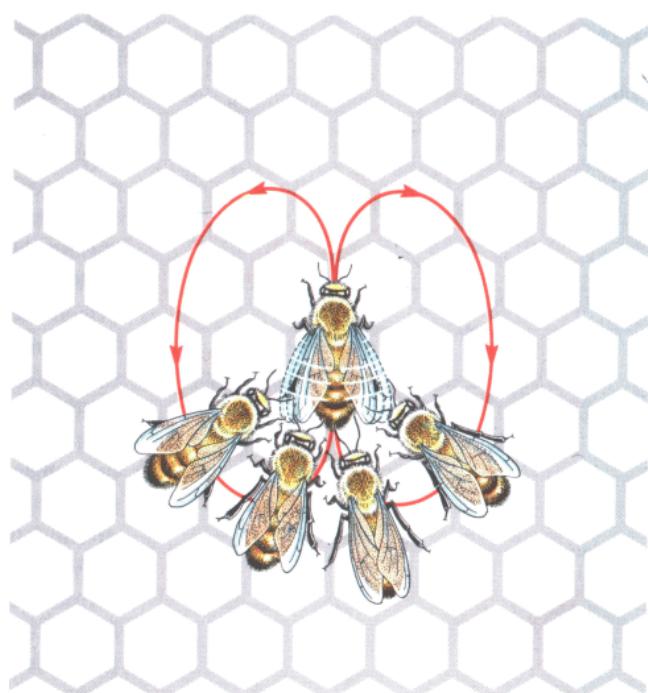
Design by dr. Zoran Tadić





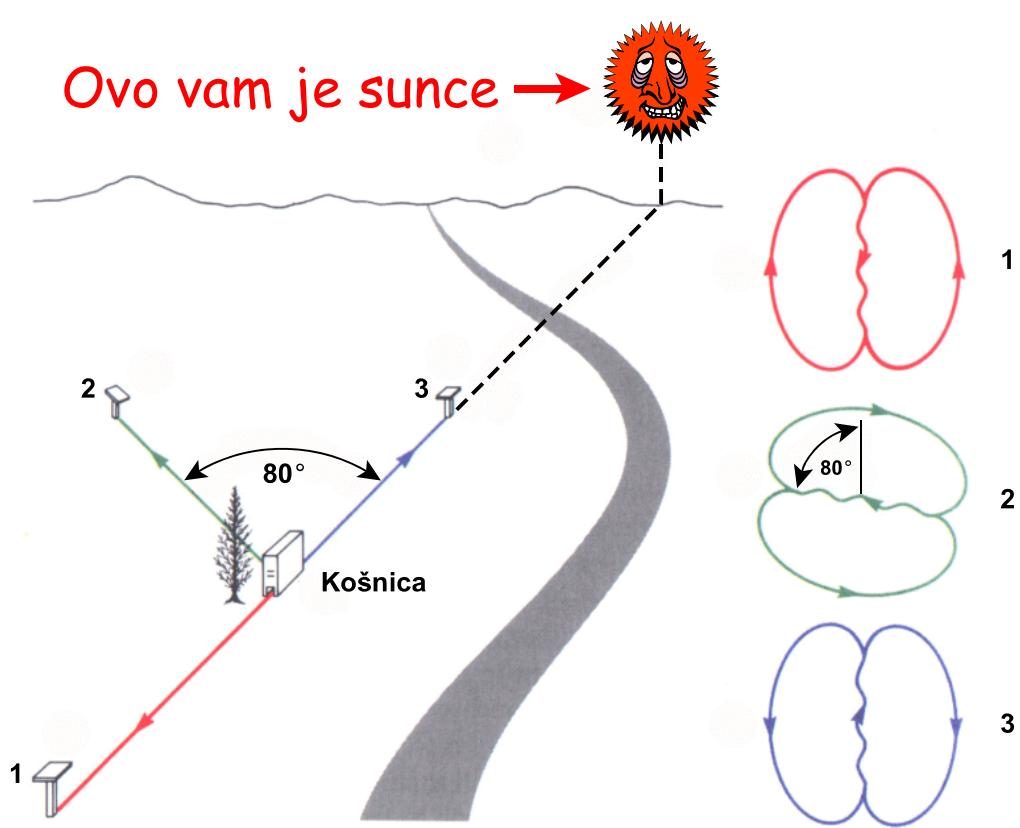


Hrana udaljena manje od 75 m od košnice

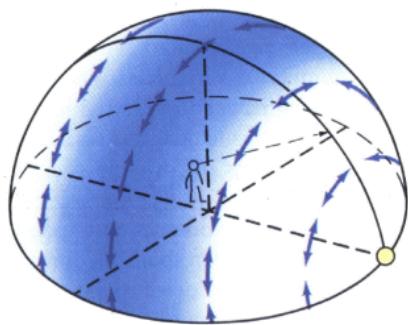
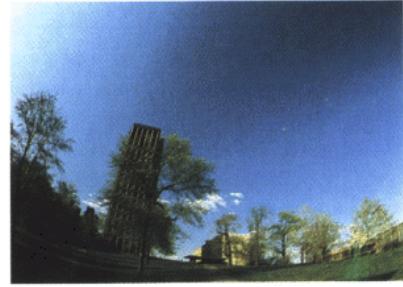


Hrana udaljena više od 75 m od košnice

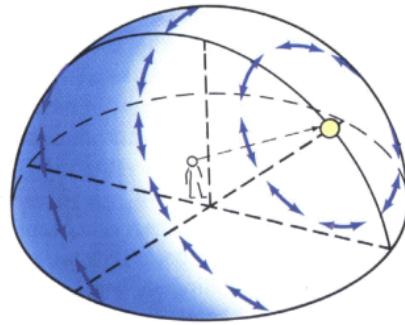
Design by dr. Zoran Tadić



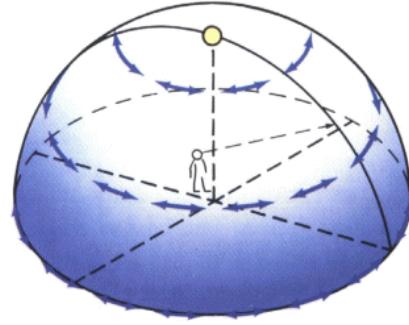
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Sunce na horizontu (zora)

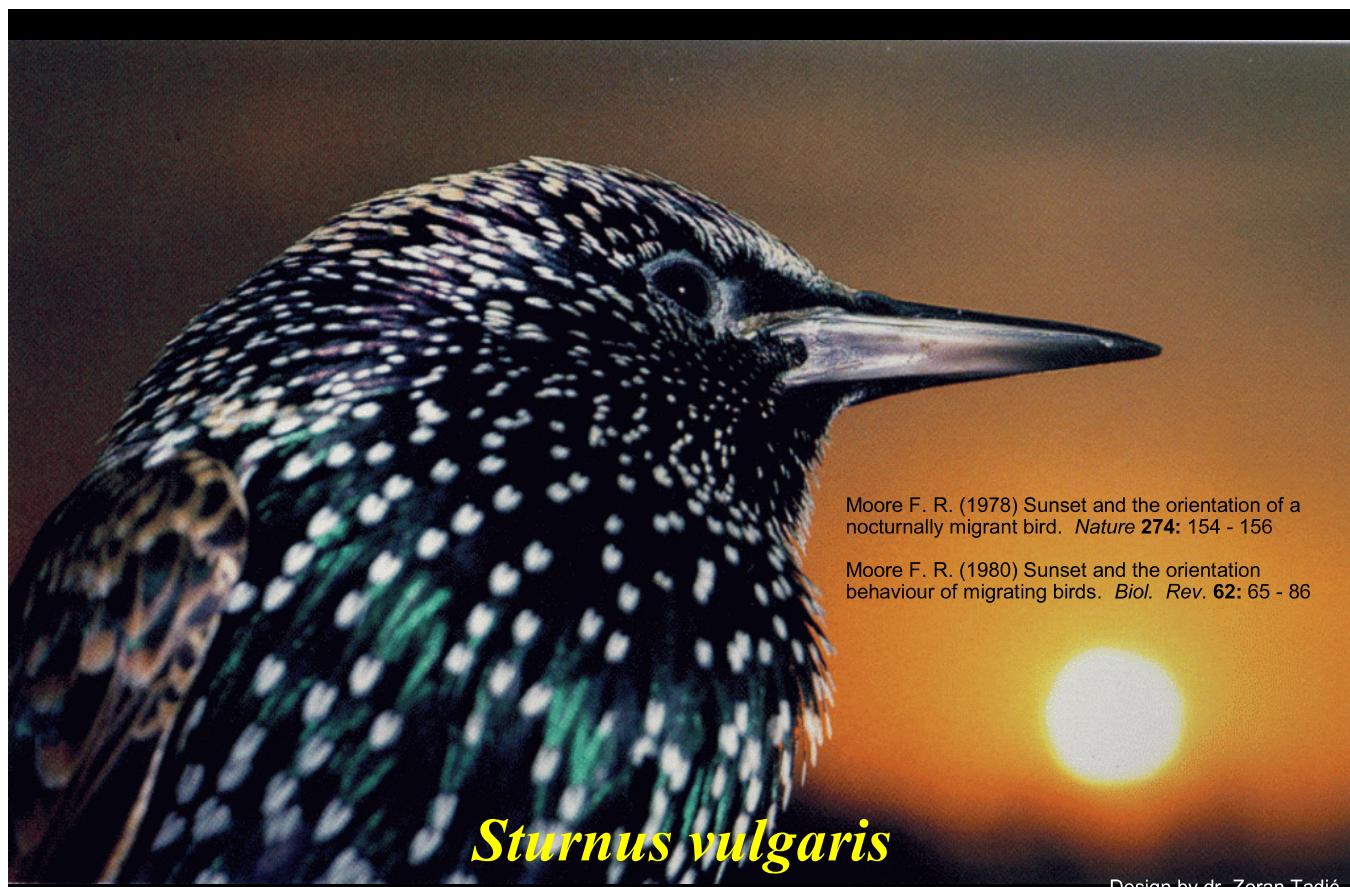


Sunce pod kutem 45°
(oko 9 sati)



Sunce u zenitu (podne)

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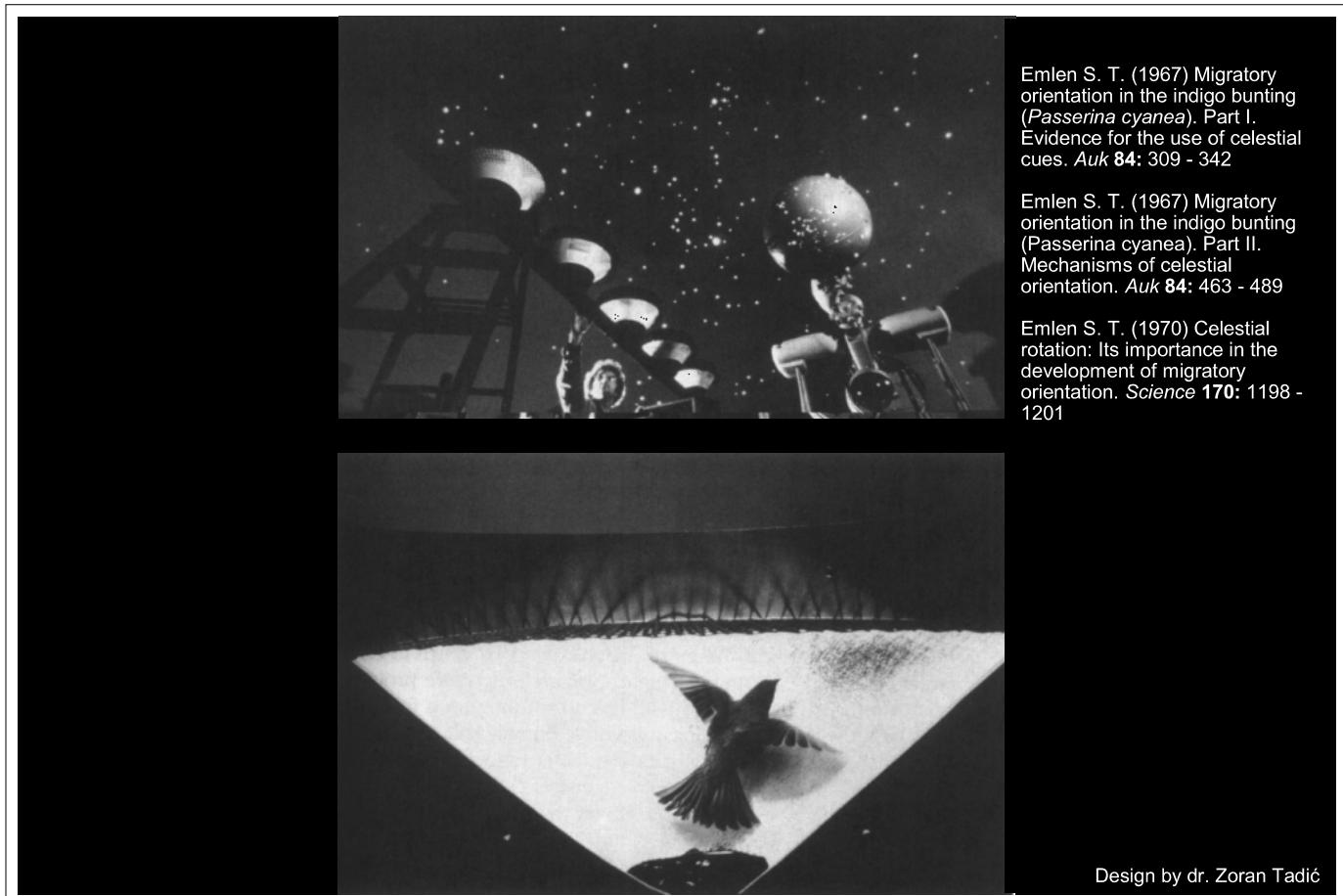
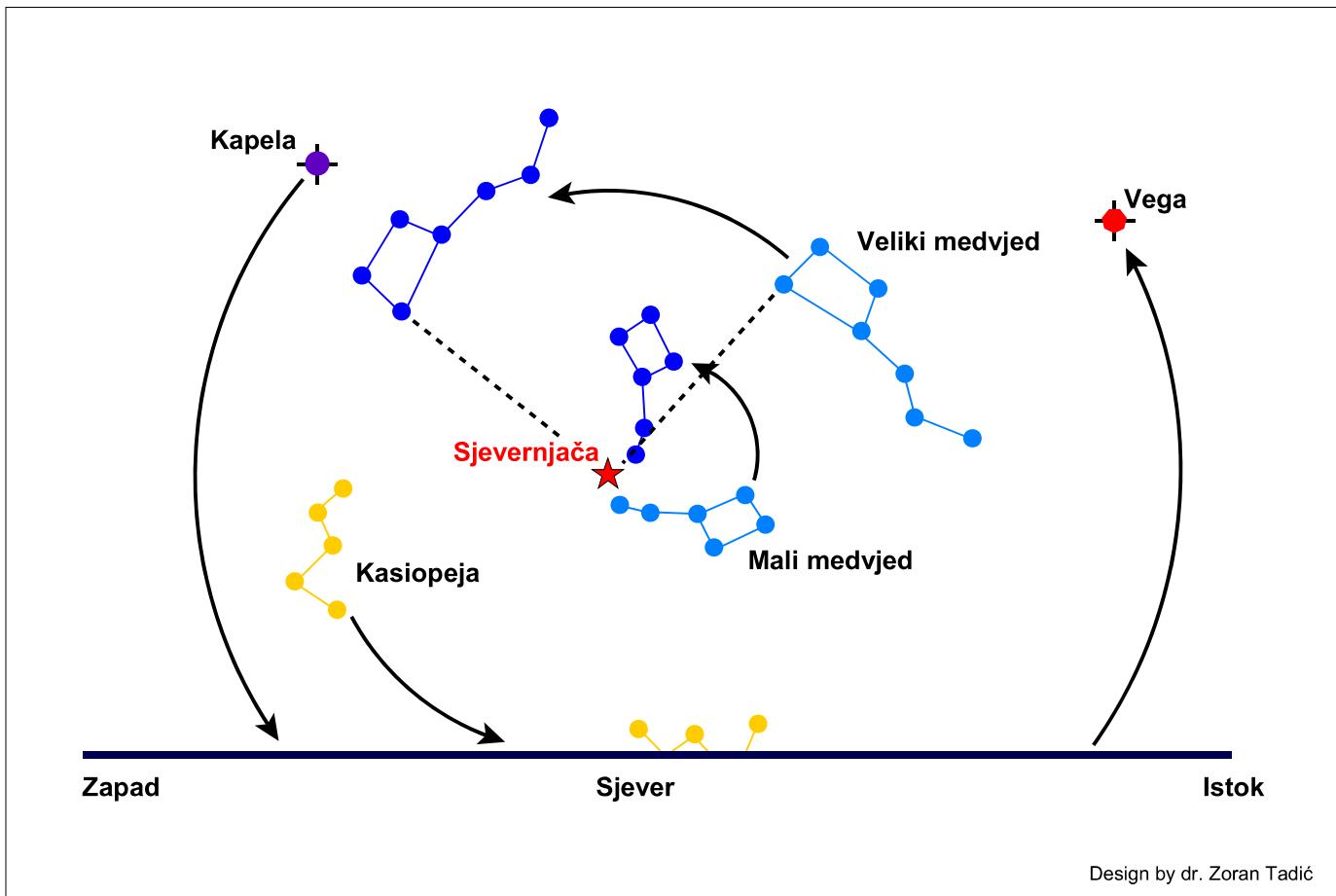


Moore F. R. (1978) Sunset and the orientation of a nocturnally migrant bird. *Nature* **274**: 154 - 156

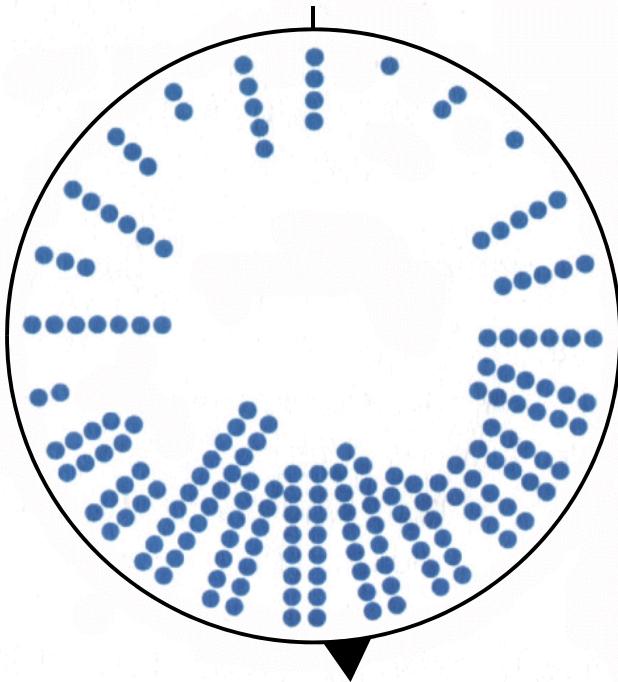
Moore F. R. (1980) Sunset and the orientation behaviour of migrating birds. *Biol. Rev.* **62**: 65 - 86

Sturnus vulgaris

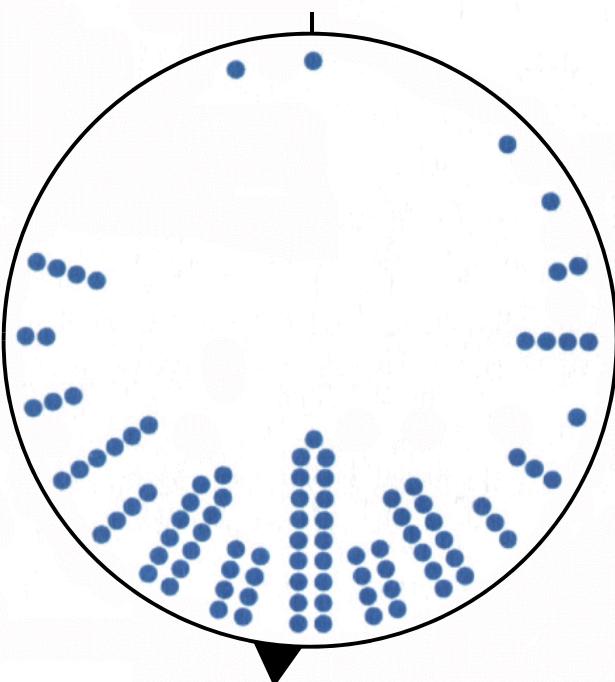
Design by dr. Zoran Tadić



**Rotacijski sjever prethodne godine
(Sjevernača)**

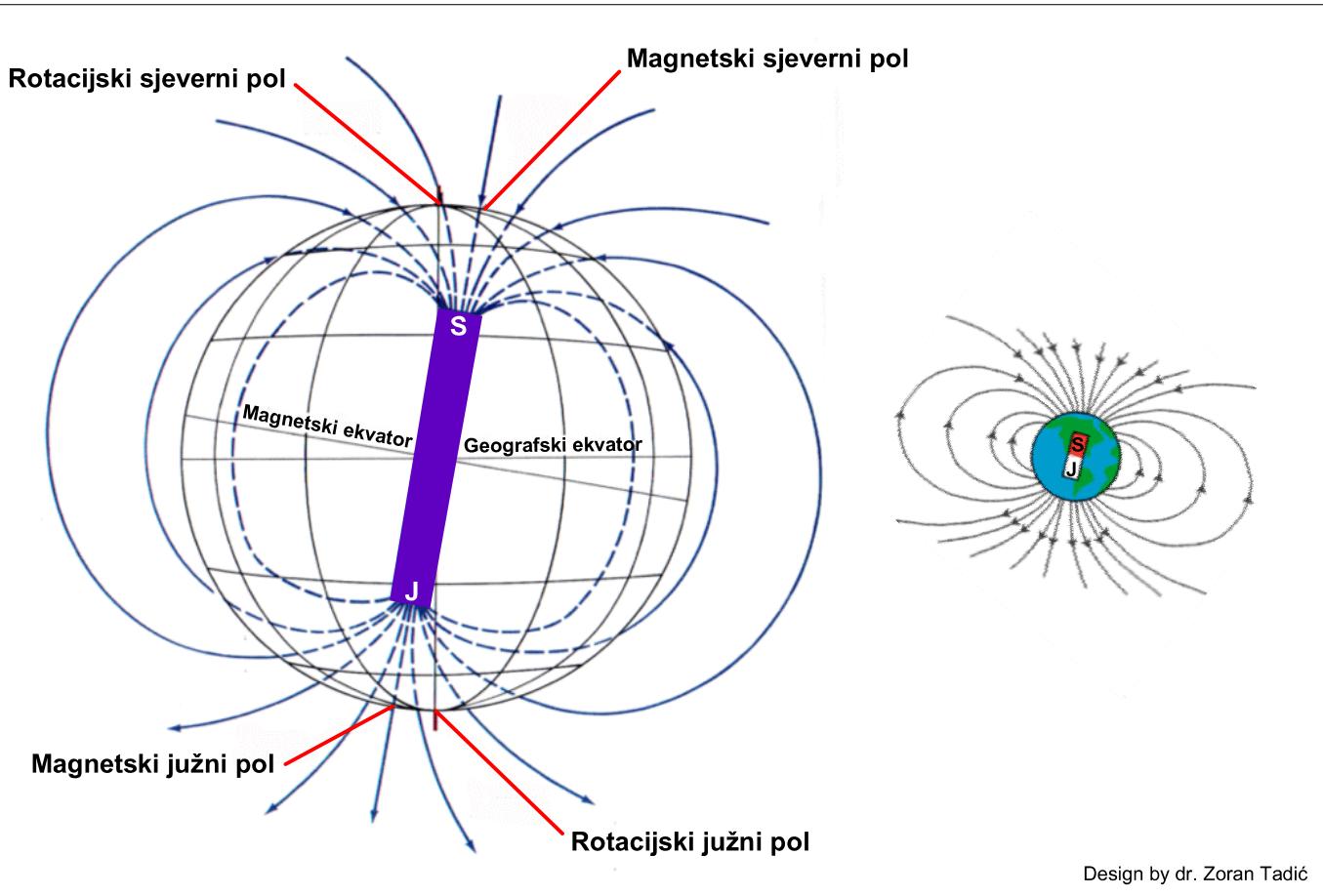


**Rotacijski sjever prethodne godine
(Betel)**

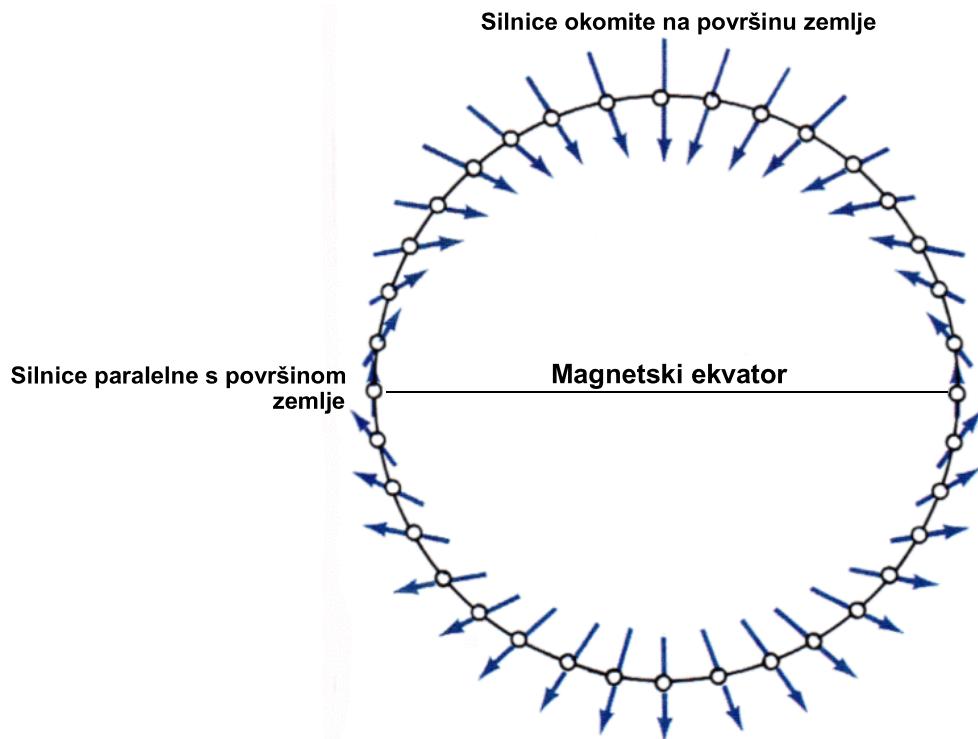


Able K. P., Bingman V. P. (1987) The development of orientation and navigation behavior in birds. *Quart. Rev. Biol.* **62**: 1 - 29

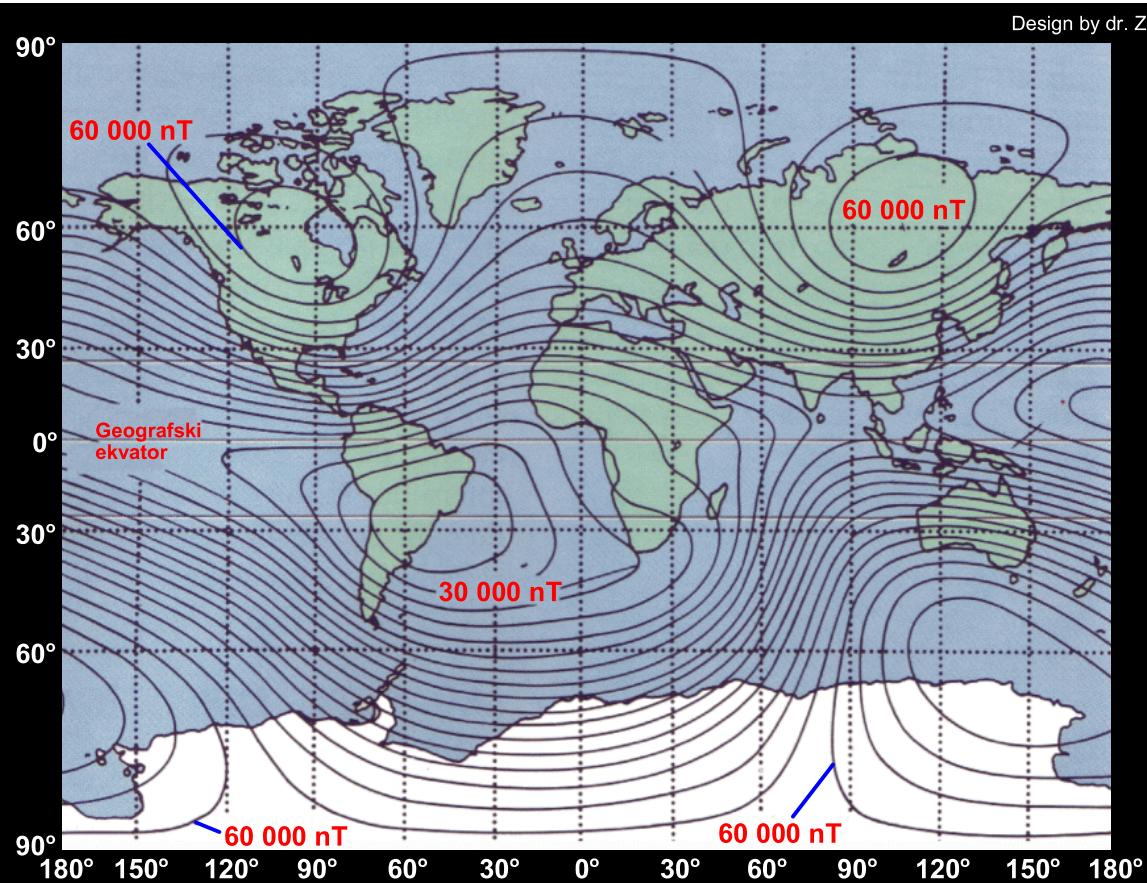
Design by dr. Zoran Tadić



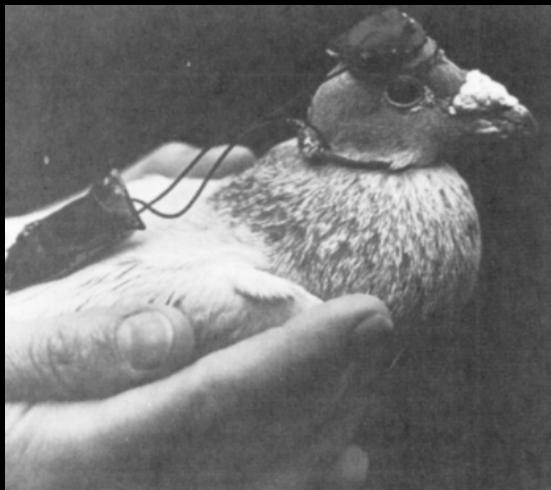
Design by dr. Zoran Tadić



Design by dr. Zoran Tadić

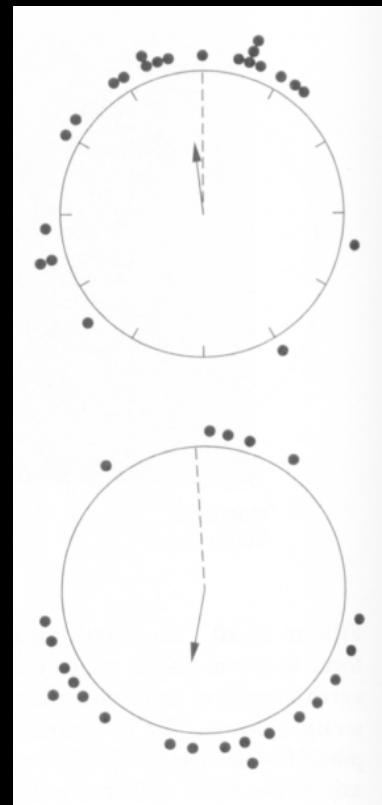


Design by dr. Zoran Tadić



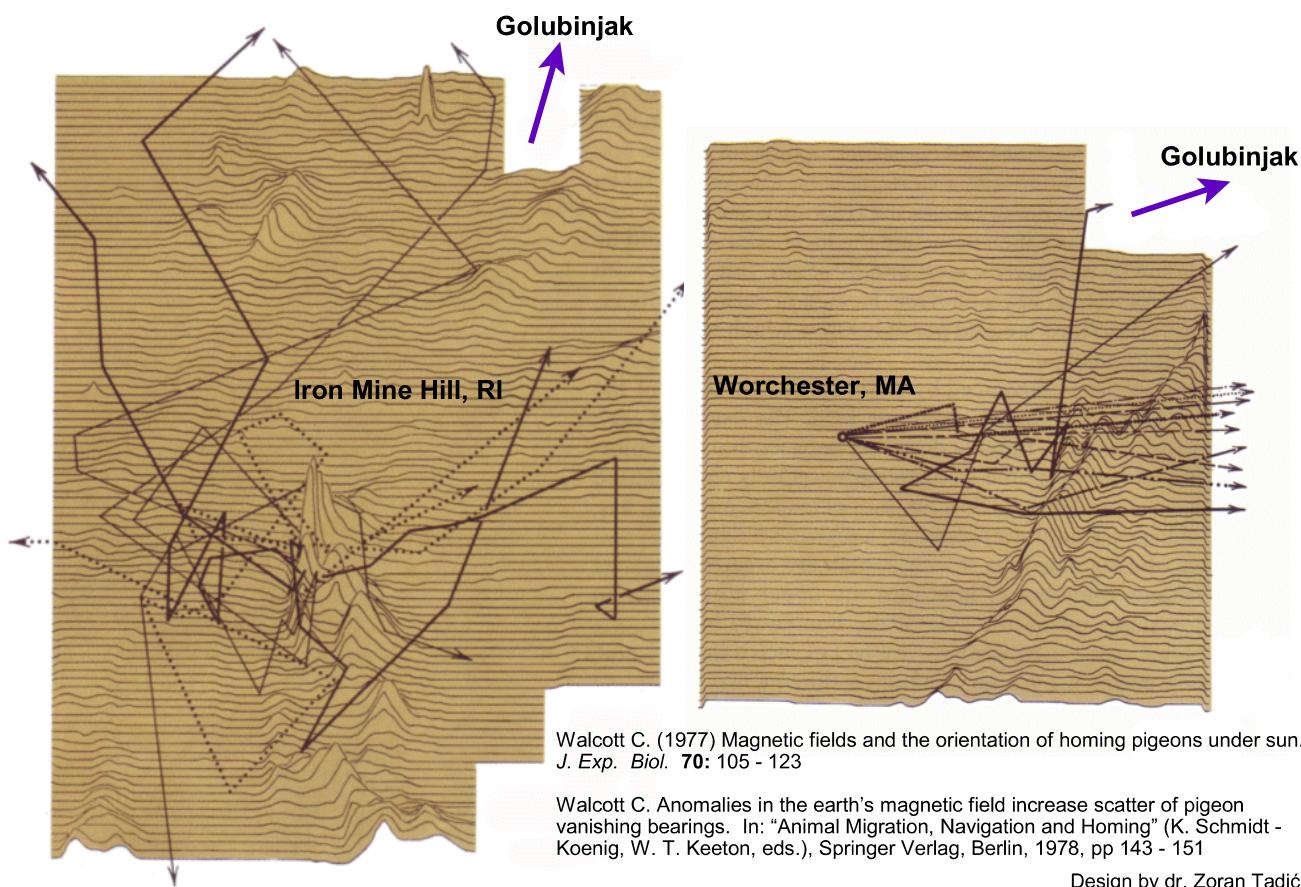
Električno polje
okrenuto prema
gore

Električno polje
okrenuto prema
dolje



Walcott C., Green R. P. (1974) Orientation of homing pigeons altered by a change in the direction of an applied magnetic field. *Science* **184**: 180 - 182

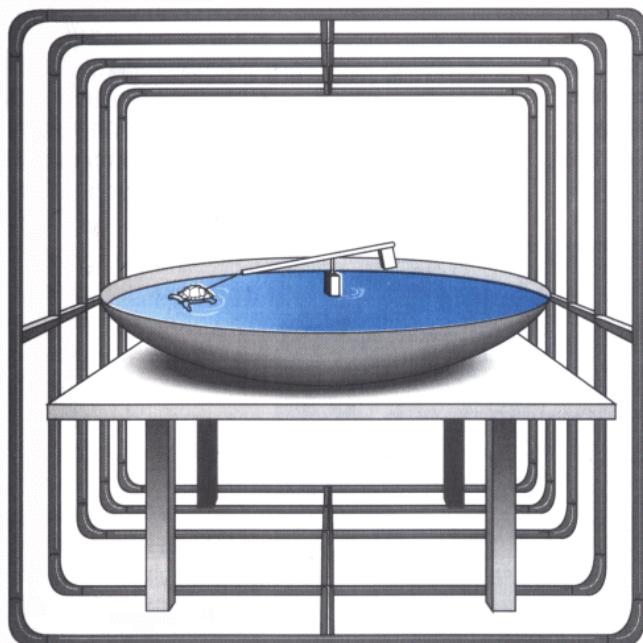
Design by dr. Zoran Tadić



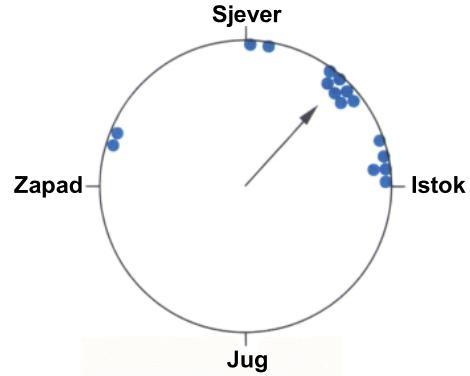
Walcott C. (1977) Magnetic fields and the orientation of homing pigeons under sun. *J. Exp. Biol.* **70**: 105 - 123

Walcott C. Anomalies in the earth's magnetic field increase scatter of pigeon vanishing bearings. In: "Animal Migration, Navigation and Homing" (K. Schmidt - Koenig, W. T. Keeton, eds.), Springer Verlag, Berlin, 1978, pp 143 - 151

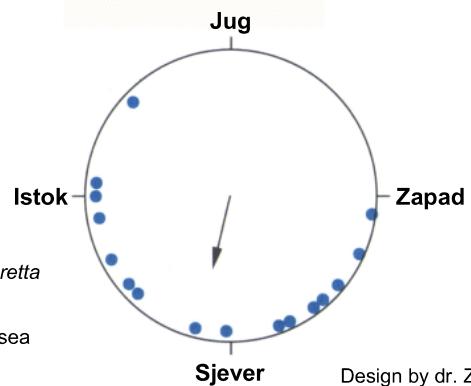
Design by dr. Zoran Tadić



Zemljino magnetsko polje



Okrenuto magnetsko polje

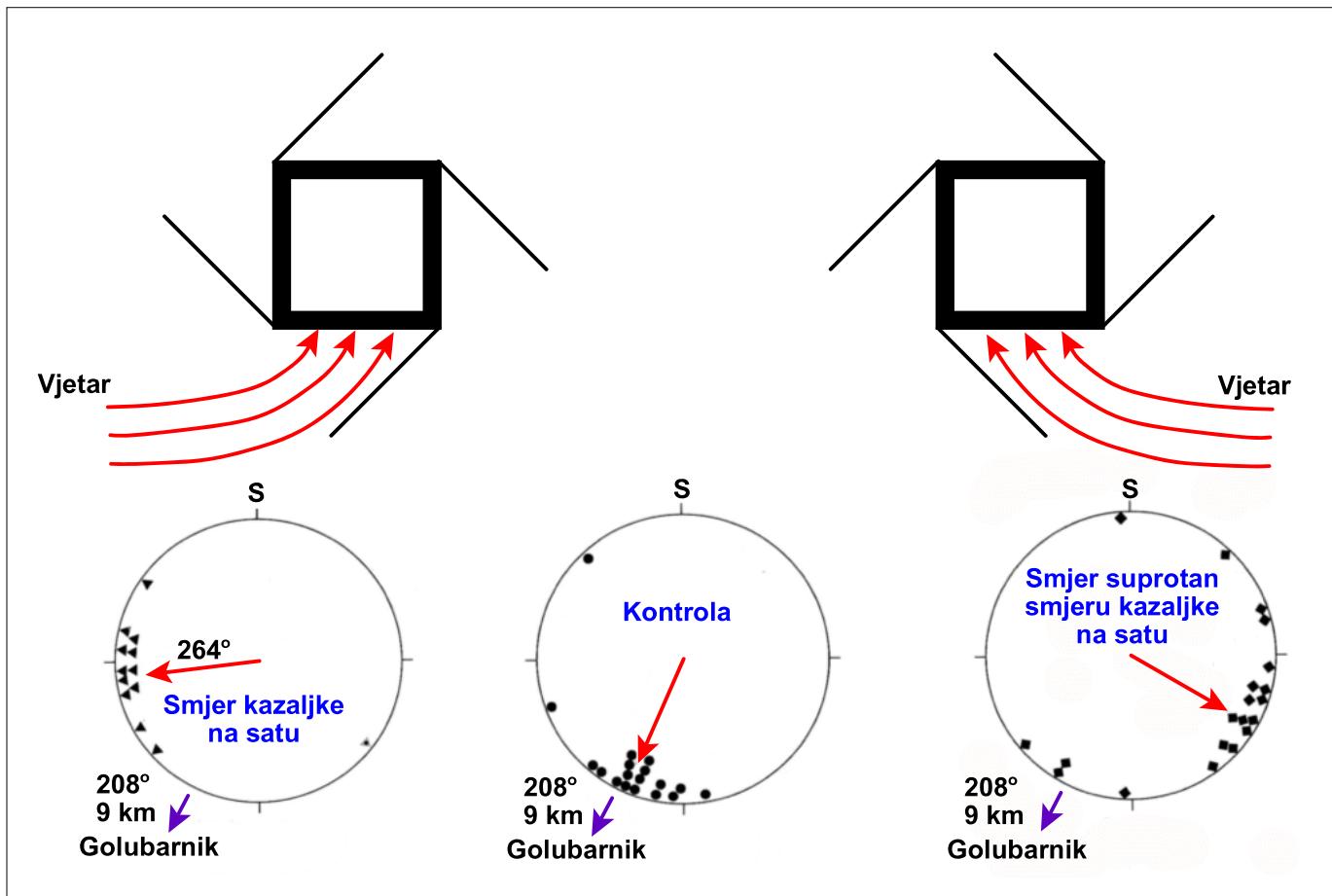
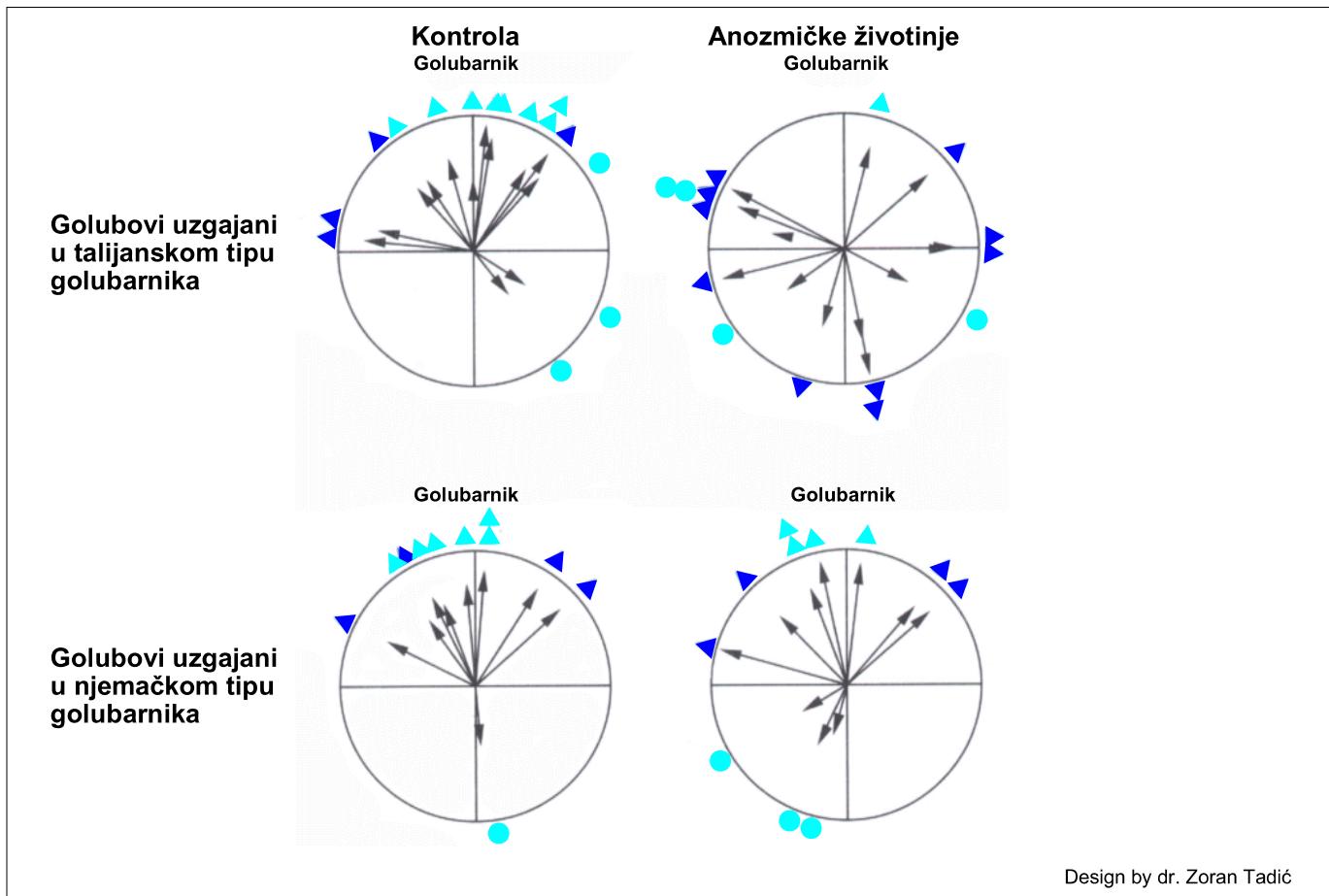


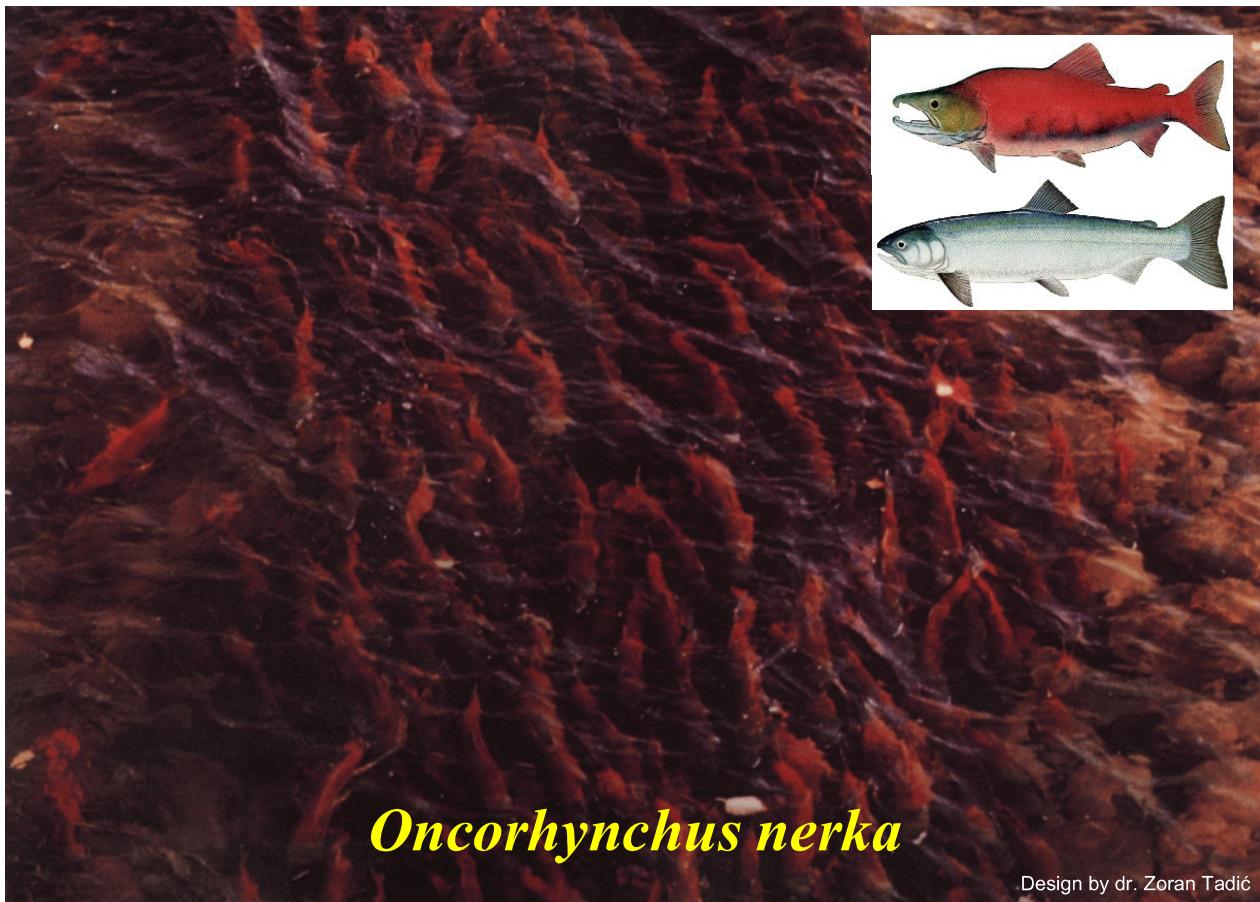
Lohmann K. J. (1991) Magnetic orientation by hatchling loggerhead sea turtles (*Caretta caretta*). *J. Exp. Biol.* **155**: 37 - 49

Lohmann K. J., Lohmann C. M. F. (1996) Orientation and open - sea navigation in sea turtles. *J. Exp. Biol.* **199**: 73 - 81

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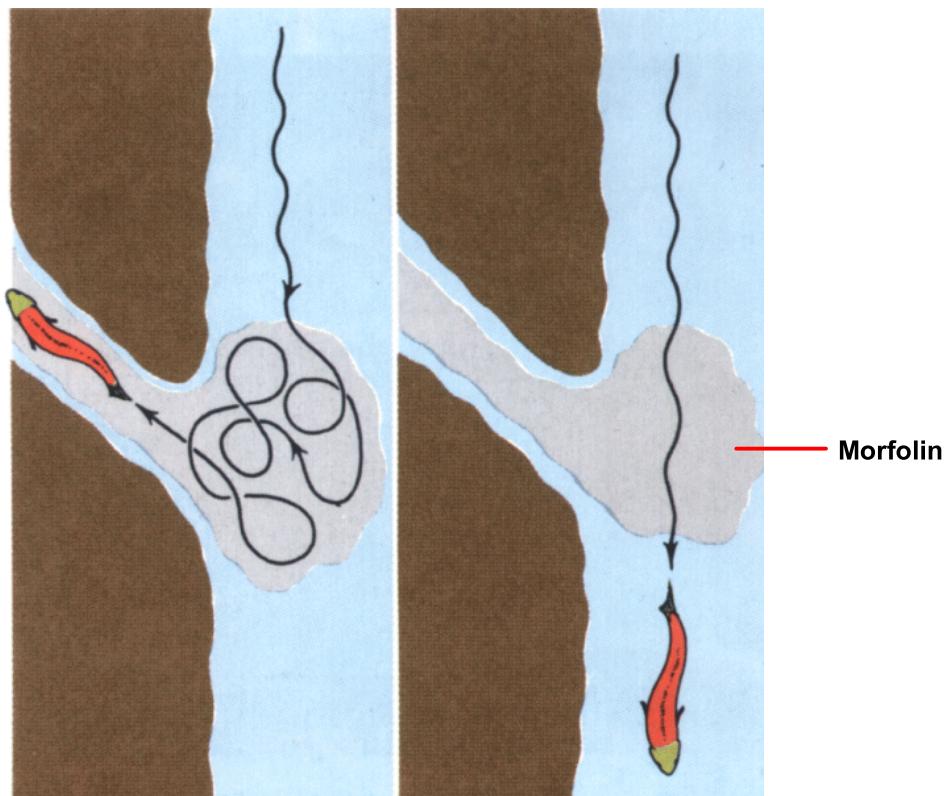
- Mozaični model (Floriani Papi)
- Gradijentni model (Hans G. Wallraff)





Oncorhynchus nerka

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Johnson P. B., Hasler A. D. (1980) The use of chemical cues in the upstream migration of coho salmon, *Oncorhynchus kisutch*. *J. Fish. Biol.* **17**: 67 - 73

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