

LIST OF THE SPECIES HEREIN TREATED

arranged under the subgenera heretofore proposed in so far as we have been able to recognize such groups. To these we have added a few new names for equivalent groups, all of them alike based on very small differences, and of little or no taxonomic importance.

Family PTERONARCIDAE

1. Genus *Pteronarcys* Newman
 - Subgenus *Pteronarcys*
 1. *P. dorsata* Say
 - regalis* Newman
 2. *P. nobilis* Hagen
 3. *P. californica* Newport
 4. *P. princeps* Banks
 - Subgenus *Allonarcys* (nov.)
 5. *P. proteus* Newman
 - spincosa* Banks
 6. *P. bioba* Newman
 - bicarinatus* Provancher
 7. *P. comstocki* Smith
 - proteus* Newman (♀)
2. Genus *Pteronarcella* Banks
 8. *P. regularis* Hagen
 9. *P. badia* Hagen
 - torosa* Smith
 - triloba* Smith

Family PERLIDAE

3. Genus *Perlodes* Banks
 - Diptyopteryx* Pictet
 - Subgenus *Perlodes* Banks
 - Protarcys* Klapalek
 - Megarercys* Klapalek
 - Arcynopteryx* Klap.
 - 10. *P. dichrota* Smith
 - 11. *P. bradleyi* Smith
 - 12. *P. tibialis* Banks
 - 13. *P. signata* Hagen
 - 14. *P. yosemite*, new species
 - 15. *P. irregularis* Banks
 - 16. *P. siosecnae* Banks
 - inornata* Smith
 - 17. *P. lineata* Smith
 - 18. *P. americana* Klapalek
 - 19. *P. aurea* Smith
 - 20. *P. ignota* Smith
 - 21. *P. namer* Klapalek
 - Subgenus *Perlodes* (nov.)
 22. *P. vagans* Smith
4. Genus *Isogenus* Newman
 - Nephelion* Pictet
 - 23. *I. frontalis* Newman
 - sulcata* Provancher
 - titusi* Banks
 - incocta* Banks
 - 24. *I. elongatus* Hagen
 - 25. *I. calubrinus* Hagen

5. Genus *Perla* Geoffroy

- Subgenus *Hemimelaena*
 - Klapalek*
 - 26. *P. inumbila*, new species
 - 27. *P. alameda*, new species
 - 28. *P. crossbyi*, new species
 - 29. *P. expansa* Banks
 - 30. *P. postica* Walker
 - 31. *P. varians* Walsh
 - 32. *P. hastata* Banks
 - 33. *P. fugitans*, new species
 - 34. *P. vana*, new species
 - 35. *P. acutivalis*, new species
 - 36. *P. modesta* Banks
 - 37. *P. verticillata* Banks
 - isolata* Banks
 - 38. *P. tincta*, new species
 - 39. *P. scripta*, new species
 - 40. *P. phalerata* Smith
 - 41. *P. obscura*, new species
 - 42. *P. venosa*, new species
- Subgenus *Diptoperla* (nov.)
 43. *P. duplicata* Banks
 44. *P. biobata*, new species
- Subgenus *Neophasganophora*
 - Lostage*.
 - Phasganophora*
 - Klapalek*
- 45. *P. capitata* Pictet
 - tristis* Hagen
 - annulipes* Hagen
 - flavescens* Walsh
 - hieroglyphica*
 - Provancher*
 - marginipes* Provancher
 - americana* Banks
 - illustris* Banks
 - innota* Banks
- Subgenus *Perla* Geoffroy
 46. *P. inductosa* Banks
 47. *P. ramosa*, new species
 48. *P. kansensis* Banks
 49. *P. languida*, new species
 50. *P. sabulosa* Banks
- Subgenus *Toggereria* Klapalek
 51. *P. immarginata* Say
 - fumosa* Banks
 52. *P. media* Walker
- 6. Genus *Alloperla* Banks
 53. *A. pallidula* Banks
 - infirmata* Banks
 54. *A. marginata* Banks